



DRIVERS ROUTE KNOWLEDGE DIAGRAMS

EASTERN SUBURBS LINE

BONDI JUNCTION

EDGECLIFF

KINGS CROSS

MARTIN PLACE

TOWN HALL

CENTRAL

REDFERN

ERSKINEVILLE

Effective Date: January 2026

Version: 4.29

Explanatory Notes:

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

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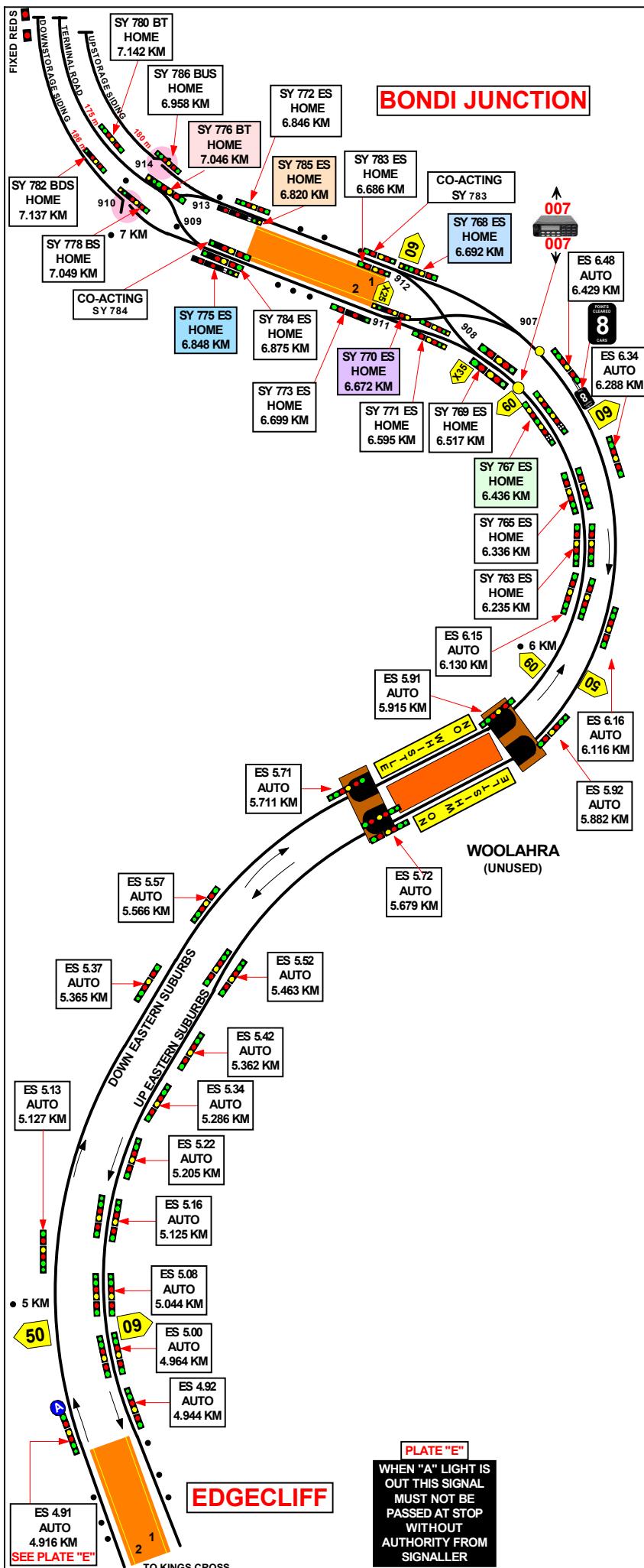
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SECTION : BONDI JUNCTION TO EDGECLIFF
MAP SET : BONDI JUNCTION TO ERSKINEVILLE
UPDATED TO : 14 March 2024

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 007 (SYDENHAM)

SPECIAL POINTS OF INTEREST

BONDI JUNCTION

AS THERE ARE NO CATCH POINTS PROVIDED IN THE TERMINAL ROAD, TRAINS MUST ONLY BE STABLED IN THE TERMINAL ROAD ON THE AUTHORITY OF THE NETWORK CONTROLLER.

WHEN STABLING TRAINS AT BONDI IF A MOTOR CAR HAS A SPRING PARKING BRAKE IT IS NOT NECESSARY TO APPLY THE ADJOINING TRAILER CAR RATCHET PARK BRAKE BUT IF THE MOTOR CAR HAS A RATCHET PARK BRAKE IT IS NECESSARY TO APPLY THE RATCHET PARK BRAKE ON THE ADJOINING TRAILER CAR AS WELL. TWO RED LIGHTS ARE TO BE PLACED ON THE SYDNEY END OF THE TRAIN.

WHEN A TRAIN IS BEING PREPARED FOR SERVICE, THE PARKING BRAKES MUST NOT BE RELEASED UNTIL THE TRAIN IS DUE TO DEPART AND A BRAKE PIPE CONTINUITY TEST HAS BEEN CONDUCTED.

SIGNALS SY 771, SY 778, SY 776, SY 768 AND SY 770 ALL HAVE A CALLING ON SIGNAL.

NLA 106

SEE NLA 106 FOR SPECIAL INSTRUCTIONS

APPENDICES

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

SIGNAL	DESTINATION	INDICATION
SY 775 ES	DOWN STORAGE SIDING (M)	S
	DOWN STORAGE SIDING (S)	S
	TERMINAL ROAD (M)	T
	TERMINAL ROAD (S)	T
SIGNAL	DESTINATION	INDICATION
SY 770 ES	UP ESR(M)	-
	UP ESR (S)	-
SIGNAL	DESTINATION	INDICATION
SY 768 ES	UP ESR(M)	-
	UP ESR (S)	-
SIGNAL	DESTINATION	INDICATION
SY 785 ES	TERMINAL ROAD (M)	T
	TERMINAL ROAD (S)	T
	UP STORAGE ROAD (M)	S
	UP STORAGE ROAD (S)	S
SIGNAL	DESTINATION	INDICATION
SY 776 ES	UP ESR (M)	U
	UP ESR (S)	U
	DOWN ESR (M)	D
	DOWN ESR (S)	D
SIGNAL	DESTINATION	INDICATION
SY 767 ES	DOWN ESR (M)	D
	DOWN ESR (S)	D
	UP ESR (M)	U
	UP ESR (S)	U

GRADIENT

1 IN 65

LEVEL

1 IN 56 (UP ESR)
1 IN 59 (DOWN ESR)

LEVEL

1 IN 36

SECTION : **BONDI JUNCTION**
 MAP SET : **BONDI JUNCTION TO ERSKINEVILLE**
 UPDATED TO : **14 March 2024**

CONTROLLED FROM : RAIL OPERATIONS CENTRE
 RADIO AREA CODE : **007 (SYDENHAM)**

NLA 106
SEE NLA 106 FOR SPECIAL INSTRUCTIONS
APPENDICES
**PLEASE SEE APPENDICES FOR POINTS OF NO RETURN,
 AND TERMINATING MOVEMENTS**

SPECIAL POINTS OF INTEREST

BONDI JUNCTION

STABLING OF TRAINS

WHEN STABLING TRAINS AT BONDI IF A MOTOR CAR HAS A SPRING PARKING BRAKE IT IS NOT NECESSARY TO APPLY THE ADJOINING TRAILER CAR RATCHET PARK BRAKE BUT IF THE MOTOR CAR HAS A RATCHET PARK BRAKE IT IS NECESSARY TO APPLY THE RATCHET PARK BRAKE ON THE ADJOINING TRAILER CAR AS WELL. TWO RED LIGHTS ARE TO BE PLACED ON THE SYDNEY END OF THE TRAIN .

WHEN A TRAIN IS BEING PREPARED FOR SERVICE, THE BRAKES MUST NOT BE RELEASED UNTIL THE TRAIN IS DUE TO DEPART AND A BRAKE PIPE CONTINUITY TEST HAS BEEN CONDUCTED.

IN DOWN STORAGE SIDING ON 8 CAR TRAINS PLEASE ENSURE THAT CAB IS STOPPED ON THE 8 CAR MARKER TO ENSURE ALIGNMENT OF TRANSFER PLATFORM

SIGNALS SY 771, SY 775, SY 778 , SY 776, SY 768 AND SY 770 ALL HAVE A CALLING ON SIGNAL.

TRAINS LESS THAN FOUR CARS AND TRACK VEHICLES

WHEN TRAVERSING 908 / 912 AND 907 / 911 POINTS IN THE REVERSE POSITION , LESS THAN FOUR CARS AND TRACK VEHICLES MUST BE BLOCK WORKED BETWEEN SY 767 ES AND SY 783 ES SIGNALS SY 770 ES AND ES 6.48 SIGNALS AS THEY MAY NOT RELIABLY OPERATE THE TRACK CIRCUITS .

AUTOMATIC NORMALISING OF CATCH POINTS 910 DOWN STORAGE SIDING AND CATCH POINTS 914 UP STORAGE

WHEN RAIL VEHICLES THAT DO NOT RELIABLY OPERATE TRACK CIRCUITS ARE TO ENTER OR DEPART THE DOWN STORAGE OR UP STORAGE SIDINGS , CATCH POINTS 910 OR 914 MUST BE LOCKED IN POSITION USING THE POINT LEVER TO DISABLE THE AUTOMATIC NORMALISING FACILITY .

SIGNAL	DESTINATION	INDICATION
SY 775 ES	DOWN STORAGE SIDING (M)	S
	DOWN STORAGE SIDING (S)	S
	TERMINAL ROAD (M)	T
	TERMINAL ROAD (S)	T

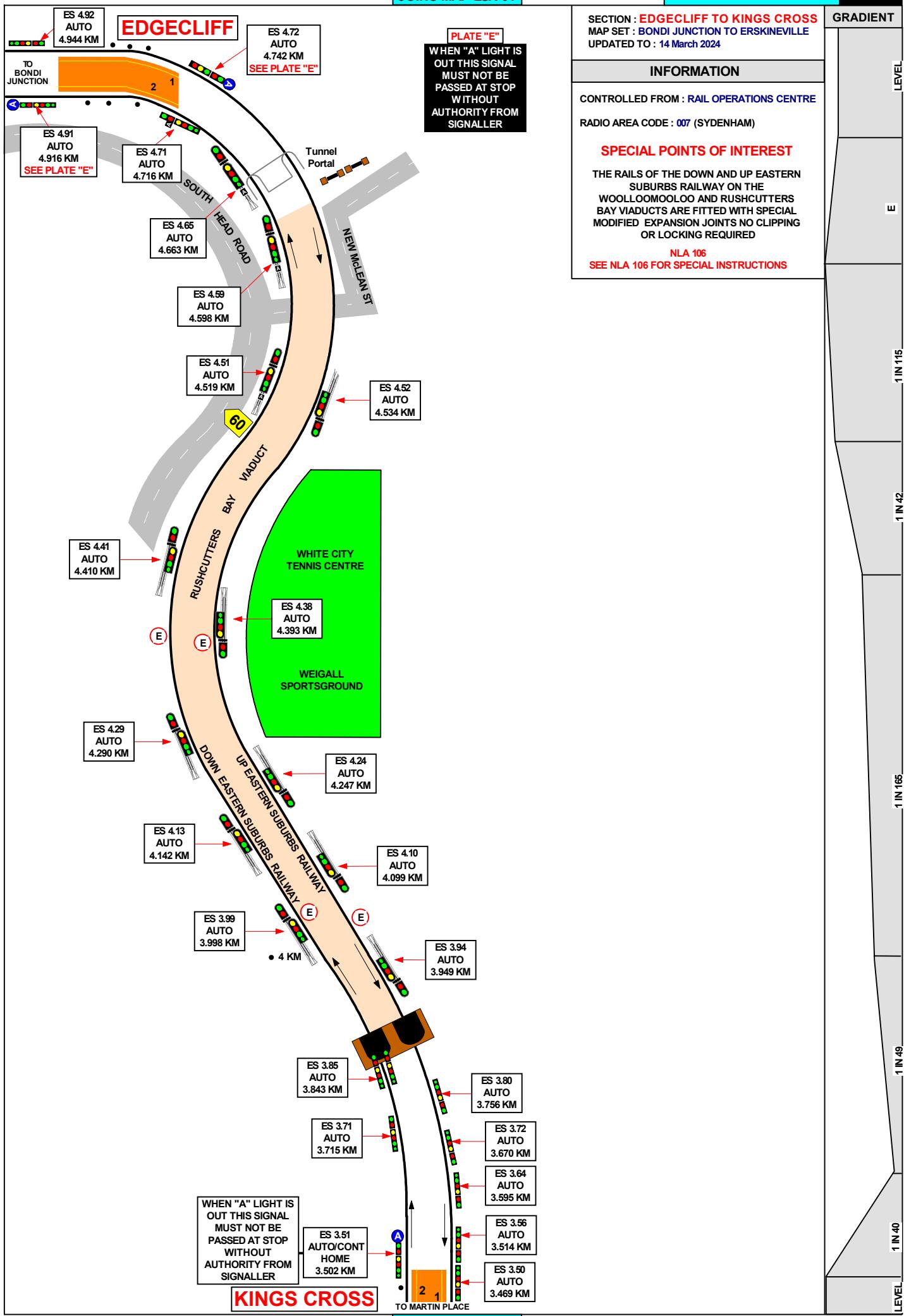
SIGNAL	DESTINATION	INDICATION
SY 776 ES	UP ESR (M)	U
	UP ESR (S)	U
	DOWN ESR (M)	D
	DOWN ESR (S)	D

SIGNAL	DESTINATION	INDICATION
SY 785 ES	TERMINAL ROAD (M)	T
	TERMINAL ROAD (S)	T
	UP STORAGE ROAD (M)	S
	UP STORAGE ROAD (S)	S

SIGNAL	DESTINATION	INDICATION
SY 767 ES	DOWN ESR (M)	D
	DOWN ESR (S)	D
	UP ESR (M)	U
	UP ESR (S)	U

SIGNAL	DESTINATION	INDICATION
SY 770 ES	UP ESR(M)	-
	UP ESR (S)	-

SIGNAL	DESTINATION	INDICATION
SY 768 ES	UP ESR(M)	-
	UP ESR (S)	-



JOINS MAP ESR 02

KINGS CROSS

ES 3.29 AUTO 3.298 KM

ES 3.25 AUTO 3.247 KM

McELHANEY STREET

JOINS MAP ESR 02

WHEN "A" LIGHT IS OUT THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER

SECTION : KINGS CROSS TO TOWN HALL
MAP SET : BONDI JUNCTION TO ERSKINEVILLE
UPDATED TO : 14 March 2024

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 007 (SYDENHAM)

SPECIAL POINTS OF INTEREST

THE RAILS OF THE DOWN AND UP EASTERN SUBURBS RAILWAY ON THE WOOLLOOMOOLOO AND RUSHCUTTERS BAY VIADUCTS ARE FITTED WITH SPECIAL MODIFIED EXPANSION JOINTS NO CLIPPING OR LOCKING REQUIRED

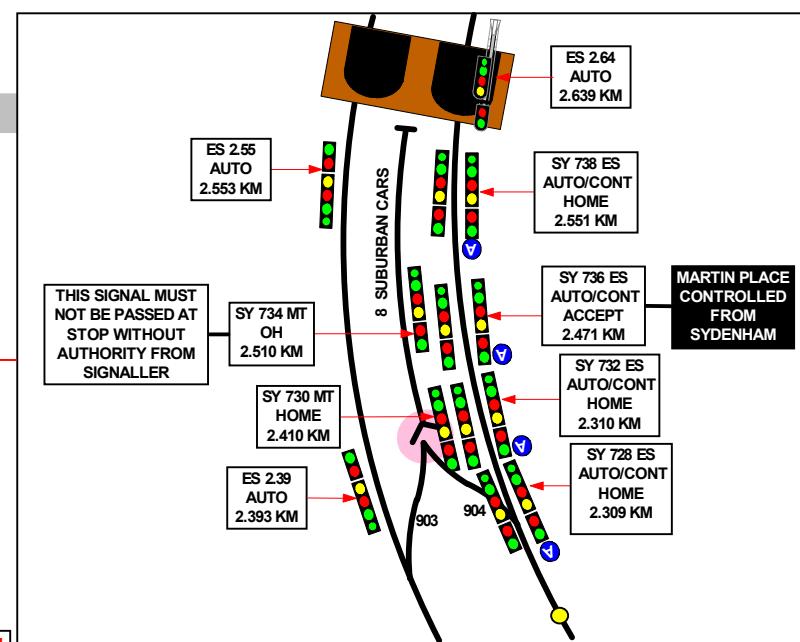
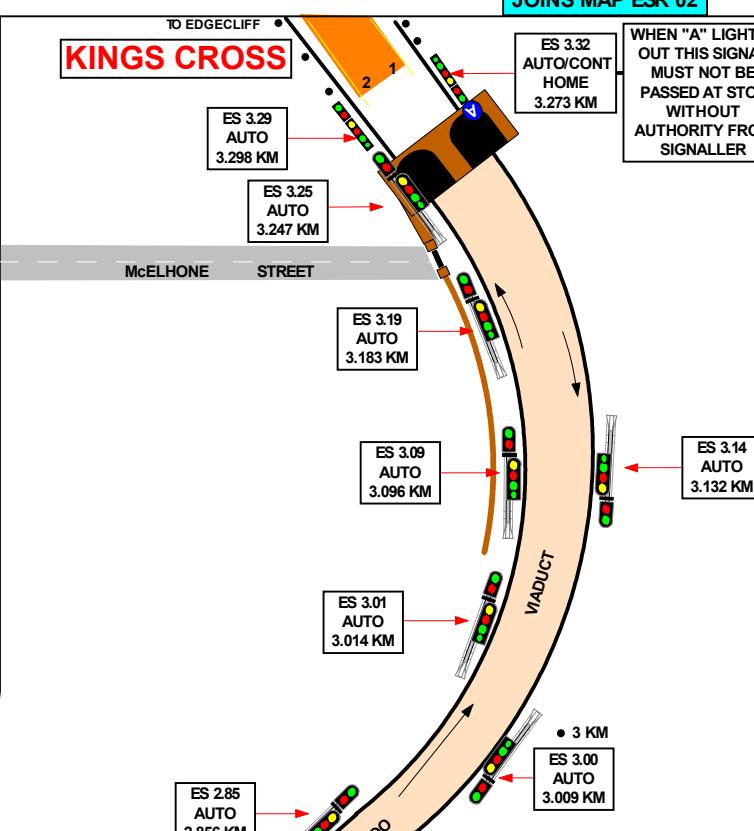
MARTIN PLACE

NLA 416

SEE NLA 106 FOR SPECIAL INSTRUCTIONS

APPENDICES

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



MARTIN PLACE

WHEN "A" LIGHT IS OUT THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER

MARTIN PLACE CONTROLLED FROM SYDENHAM

SY 723 ES HOME / STARTING 2.193 KM
SY 721 ES AUTO/CONT ACCEPT 1.995 KMES 1.96 AUTO/CONT HOME / STARTING 1.980 KM
WHEN "A" LIGHT IS OUT THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLERES 1.64 AUTO 1.646 KM
ES 1.76 AUTO 1.767 KMES 1.54 AUTO 1.546 KM
ES 1.46 AUTO 1.465 KM
ES 1.36 AUTO 1.385 KM
ES 1.30 AUTO 1.329 KM

TOWN HALL

ES 1.95 AUTO 1.950 KM
ES 1.87 AUTO 1.870 KMES 1.79 AUTO 1.790 KM
ES 1.67 AUTO 1.669 KM
WHEN "A" LIGHT IS OUT THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLERES 1.51 AUTO 1.508 KM
ES 1.31 AUTO/CONT HOME 1.300 KM4
5
6
CITY OUTER

LEVEL

1 IN 51 (UP E.S.R)
1 IN 55 (DOWN E.S.R)

LEVEL

1 IN 30

GRADIENT

LEVEL

1 IN 30

1 IN 204 (UP E.S.R)
1 IN 222 (DOWN E.S.R)

1 IN 40

LEVEL

JOINS MAP ESR 04

WHEN "A" LIGHT IS OUT THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER

ES 1.31
AUTO/CONT
HOME
1.300 KM

TO MARTIN PLACE

6

5

4

ES 1.30
AUTO
1.329 KM

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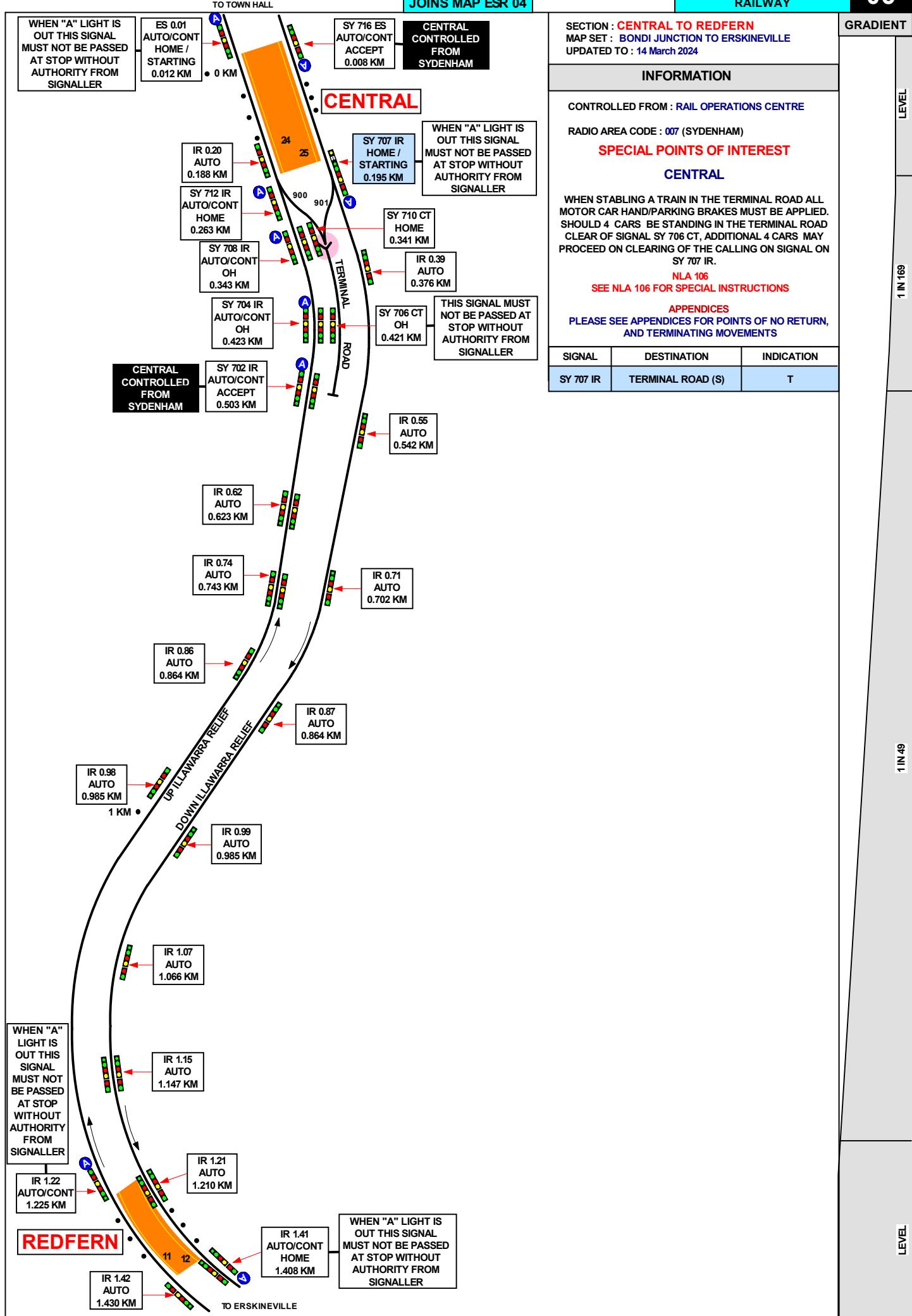
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SECTION : REDFERN TO ERSKINEVILLE
MAP SET : BONDI JUNCTION TO ERSKINEVILLE
UPDATED TO : 13 January 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 007 (SYDENHAM)
: 035 (EAST DOWN)

SPECIAL POINTS OF INTEREST

ERSKINEVILLE

SETTING BACK IS NOT PERMITTED AT ERSKINEVILLE
DOWN ILLAWARRA LOCAL No. 2 PLATFORM.

NLA 106

SEE NLA 106 FOR SPECIAL INSTRUCTIONS

APPENDICES

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

GRADIENT

LEVEL

1 IN 40

