DRIVERS ROUTE KNOWLEDGE DIAGRAMS

ILLAWARRA LINE

CENTRAL
REDFERN
ERSKINEVILLE
ST PETERS
SYDENHAM
TEMPE
WOLLI CREEK
ARNCLIFFE
BANKSIA
ROCKDALE
KOGARAH
CARLTON
ALLAWAH
HURSTVILLE
PENSHURST
MORTDALE
OATLEY
COMO
JANNALI
SUTHERLAND
LOFTUS
ENGADINE
HEATHCOTE
WATERFALL

Effective Date: November 2026

Version: 6.12

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.

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Information in these diagrams is uncontrolled.

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



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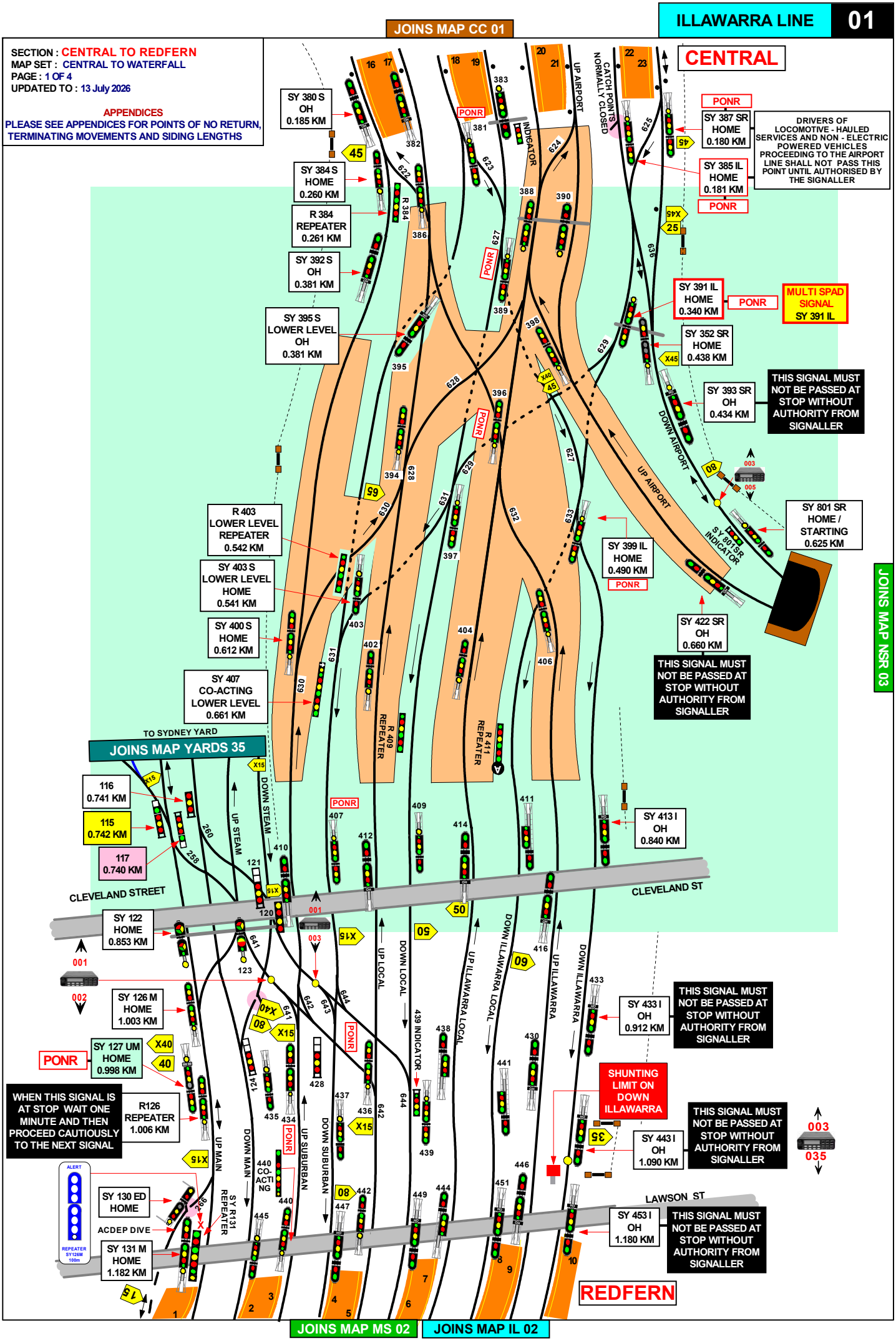
Location: CM Record No.D2015/579


ILLAWARRA LINE 01
JOINS MAP CC 01
SECTION : CENTRAL TO REDFERN
MAP SET : CENTRAL TO WATERFALL
PAGE : 1 OF 4
UPDATED TO : 13 July 2026
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
CENTRAL
SY 380 S OH 0.185 KM
SY 384 S HOME 0.260 KM
R 384 REPEATER 0.261 KM
SY 392 S OH 0.381 KM
SY 395 S LOWER LEVEL OH 0.381 KM
R 403 LOWER LEVEL REPEATER 0.542 KM
SY 403 S LOWER LEVEL HOME 0.541 KM
SY 400 S HOME 0.612 KM
SY 407 CO-ACTING LOWER LEVEL 0.661 KM
SY 387 SR HOME 0.180 KM
SY 385 IL HOME 0.181 KM
DRIVERS OF LOCOMOTIVE - HAULED SERVICES AND NON - ELECTRIC POWERED VEHICLES PROCEEDING TO THE AIRPORT LINE SHALL NOT PASS THIS POINT UNTIL AUTHORISED BY THE SIGNALLER
SY 391 IL HOME 0.340 KM
MULTI SPAD SIGNAL SY 391 IL
SY 352 SR HOME 0.438 KM
SY 393 SR OH 0.434 KM
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER
SY 801 SR HOME / STARTING 0.625 KM
SY 399 IL HOME 0.490 KM
SY 422 SR OH 0.660 KM
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER
JOINS MAP NSR 03
TO SYDNEY YARD
JOINS MAP YARDS 35
116 0.741 KM
115 0.742 KM
117 0.740 KM
SY 413 I OH 0.840 KM
CLEVELAND STREET
CLEVELAND ST
SY 122 HOME 0.853 KM
SY 126 M HOME 1.003 KM
SY 127 UM HOME 0.998 KM
PONR
WHEN THIS SIGNAL IS AT STOP WAIT ONE MINUTE AND THEN PROCEED CAUTIOUSLY TO THE NEXT SIGNAL
R126 REPEATER 1.006 KM
SY 433 I OH 0.912 KM
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER
SHUNTING LIMIT ON DOWN ILLAWARRA
SY 443 I OH 1.090 KM
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER
SY 130 ED HOME
ACDEP DIVE
SY 131 M HOME 1.182 KM
LAWSON ST
SY 453 I OH 1.180 KM
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER
REDFERN
JOINS MAP MS 02
JOINS MAP IL 02

SECTION : CENTRAL TO REDFERN
MAP SET : CENTRAL TO WATERFALL
PAGE : 2 OF 4
UPDATED TO : 13 July 2026

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 002 (SYDNEY EAST UP)
003 (SYDNEY EAST DOWN)
035 (SYDNEY ILLAWARRA JN)

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

TWO WAY RUNNING BETWEEN ALL PLATFORMS IN SYDNEY YARD AND EVELIEGH YARD VIA ENGINE DIVE

SY 380 S OH 0.185 KM	SY 392 S OH 0.381 KM	SY 384 S HOME 0.260 KM	SY 382 L OH 0.184 KM	SY R384 REPEATER 0.261 KM	SY 386 L HOME 0.300 KML	SY 381 S HOME 0.182 KM	SY 383 L HOME 0.182 KM	SY 383 IND INDICATOR 0.182 KM	SY 389 L HOME 0.325 KM	SY 388 IL HOME 0.281 KM	SY 385 IL HOME 0.181 KM	SY 387 I HOME 0.180 KM	
SY 390 I HOME 0.280 KM	SY 391 IL HOME 0.270 KM	SY 394 L HOME 0.470 KM	SY 395 S OH 0.381 KM	SY 396 IL HOME 0.480 KM	SY 397 L HOME 0.491 KM	SY 398 NS HOME 0.425 KM	SY 399 IL HOME 0.490 KM	SR 0.7 AUTO/CONT STARTING 0.625 KM	SR 0.7 IND INDICATOR 0.625 KM				
SY 400 S HOME 0.612 KM	SY 407 CO-ACT 0.661 KM	SY R403 REPEATER 0.542 KM	SY 403 S HOME 0.541 KM	SY 402 L HOME 0.660 KM	SY R409 REPEATER 0.763 KM	SY 404 IL HOME 0.650 KM	SY R411 REPEATER 0.762 KM	SY 406 I HOME 0.611 KM	SY 422 NS ACCEPT 0.660 KM				
SY 115 SHUNT 0.742 KM	SY 117 SHUNT 0.740 KM	SY 116 SHUNT 0.741 KM	SY 122 HOME 0.840 KM	SY 123 HOME 0.832 KM	SY 121 SHUNT 0.831 KM	SY 120 HOME 0.830 KM	SY 410 S OH 0.814 KM	SY 407 S HOME 0.764 KM	SY 412 L OH 0.813 KM	SY 409 L HOME 0.763 KM	SY 414 IL OH 0.812 KM	SY 411 IL AUTO 0.762 KM	SY 416 I OH 0.811 KM	SY 413 I OH 0.840 KM
SY 127 HOME 0.990 KM	SY 126 M HOME 1.004KM	R126 1.066 KM	SY 124 SHUNT 1.001 KM	SY 435 M HOME 0.997 KM	SY 434 S HOME 1.001 KM	SY 428 SHUNT 1.004 KM	SY 437 S HOME 1.001 KM	SY 436 L HOME 1.040 KM	SY 439 L HOME 1.014 KM	SY 438 IL AUTO 1.042 KM	SY 441 IL AUTO 1.010 KM	SY 430 I OH 1.043 KM	SY 433 I OH 0.912 KM	
SY 130 ED HOME ?.??? KM	SY 131 M HOME 1.214 KM	SY R131 REPEATER 1.215 KM	SY 445 M HOME 1.184 KM	SY 440 S HOME 1.213 KM	SY 447 S OH 1.183 KM	SY 442 L HOME 1.212 KM	SY 449 L OH 1.182 KM	SY 444 IL AUTO 1.211 KM	SY 451 IL OH 1.181 KM	SY 446 I OH 1.210 KM	SY 443 I OH 1.091 KM	SY 453 I OH 1.180 KM	

SIGNAL	DESTINATION	INDICATION
SY 115	UP GOODS	G
	UP MAIN	M
	REGENTS STREET	R

SIGNAL	DESTINATION	INDICATION
SY 391 IL	DOWN NSR AIRPORT	A
	DOWN ILLAWARRA LOCAL	-
	DOWN LOCAL	L

SIGNAL	DESTINATION	INDICATION
SY 117	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SY 428	DOWN MAIN	DM
	DOWN SUBURBAN (S)	DS

SIGNAL	DESTINATION	INDICATION
SY 121	DOWN MAIN (S)	DM
	DOWN STEAM (S)	DS

SIGNAL	DESTINATION	INDICATION
SY 436 L	UP MAIN	M
	UP SUBURBAN	Y

SIGNAL	DESTINATION	INDICATION
SY 124	DOWN MAIN (S)	DM
	DOWN STEAM (S)	DS

SIGNAL	DESTINATION	INDICATION
SY 127	UP MAIN (M)	-
	UP MAIN (S)	UM
	ENGINE DIVE (M)	-
	ENGINE DIVE (S)	ED


SIGNAL SY 389 L


SIGNAL SY 407 S


SIGNAL SY 436 L

SECTION : CENTRAL TO REDFERN
MAP SET : CENTRAL TO WATERFALL
PAGE : 3 OF 4
UPDATED TO : 6 August 2025

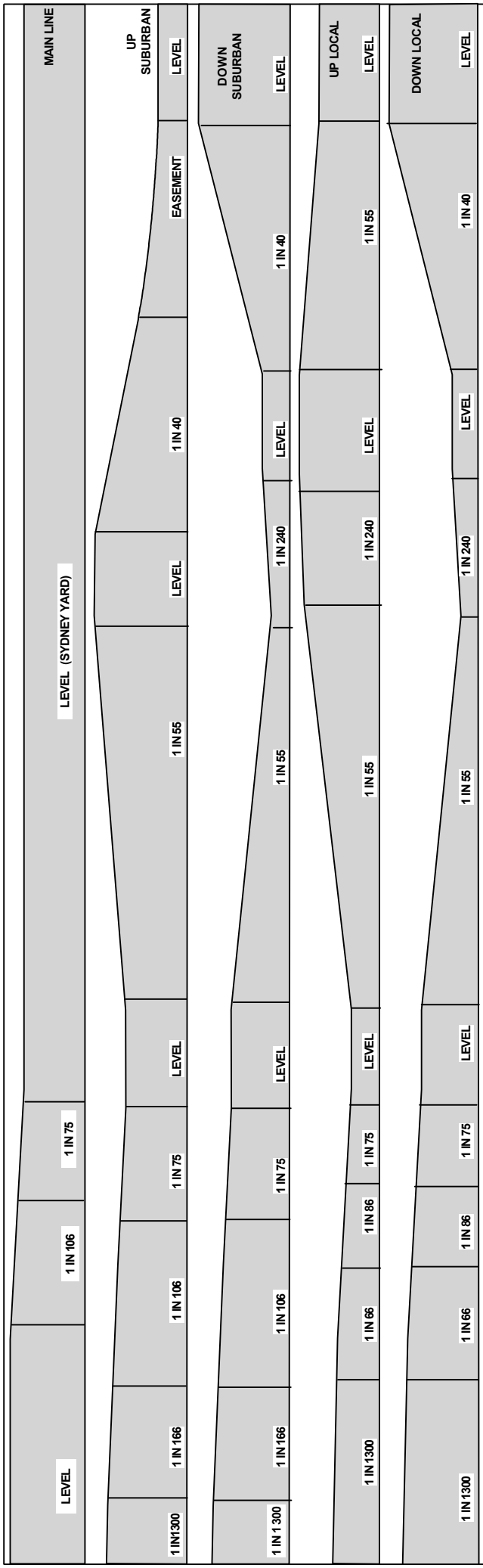
INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 002 (SYDNEY EAST UP)
003 (SYDNEY DOWN)
035 (SYDNEY ILLAWARRA JN)

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

TWO WAY RUNNING IN EVELEIGH ENGINE DIVE AND ON THE UP MAIN BETWEEN THE TAL SIGNAL BRIDGE IN SYDNEY YARD AND REDFERN



CENTRAL
TIMING MARKER SIGNS

FOUR TIMING MARKER SIGNS, EACH WITH A YELLOW REFLECTIVE LETTER ' T ' DISPLAYED ON A BLACK BACKGROUND, ARE PROVIDED IN THE CENTRAL FLYOVER AREA WHERE THE TIMING SECTIONS ARE UNUSUALLY SHORT.

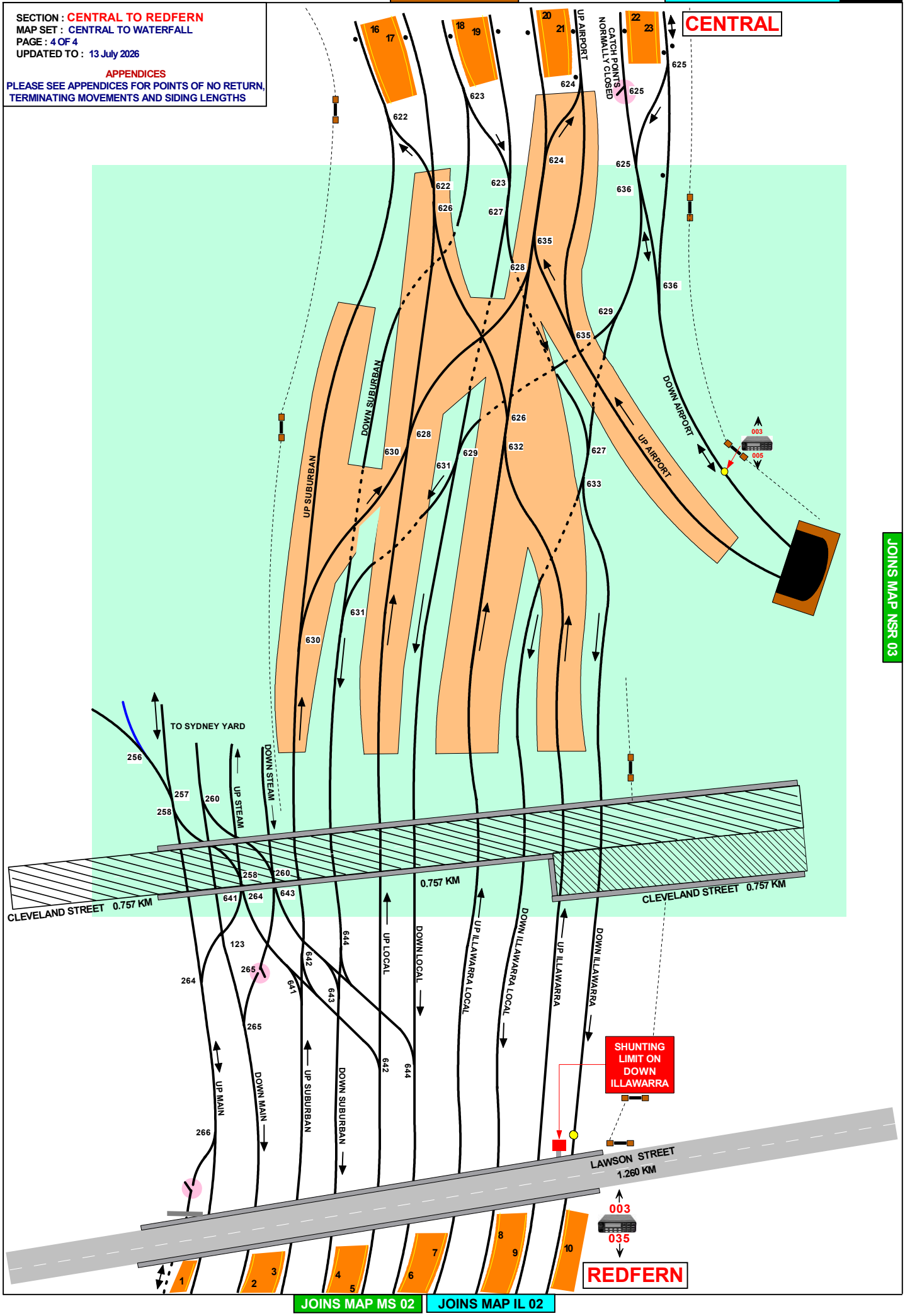
THEY ARE LOCATED AS FOLLOWS:

LINE	MARKER LOCATION
DOWN LOCAL	23 METRES IN APPROACH TO SIGNAL No. SY 397 L
UP LOCAL	16 METRES IN APPROACH TO SIGNAL No. SY 394 L
UP ILLAWARRA LOCAL	36 METRES IN APPROACH TO SIGNAL No. SY 388 IL, AND 16 METRES IN APPROACH TO SIGNAL No. 396 IL

A TRAIN APPROACHING ANY OF THESE SIGNALS AND SHOWING A LOW SPEED OR MEDIUM CAUTION INDICATION SHALL BE DRAWN PAST THE ' T ' MARKER SIGN, OTHERWISE THE TIMING WILL NOT COMMENCE AND THE TRAIN STOP WILL NOT CLEAR.

SECTION : CENTRAL TO REDFERN
MAP SET : CENTRAL TO WATERFALL
PAGE : 4 OF 4
UPDATED TO : 13 July 2026

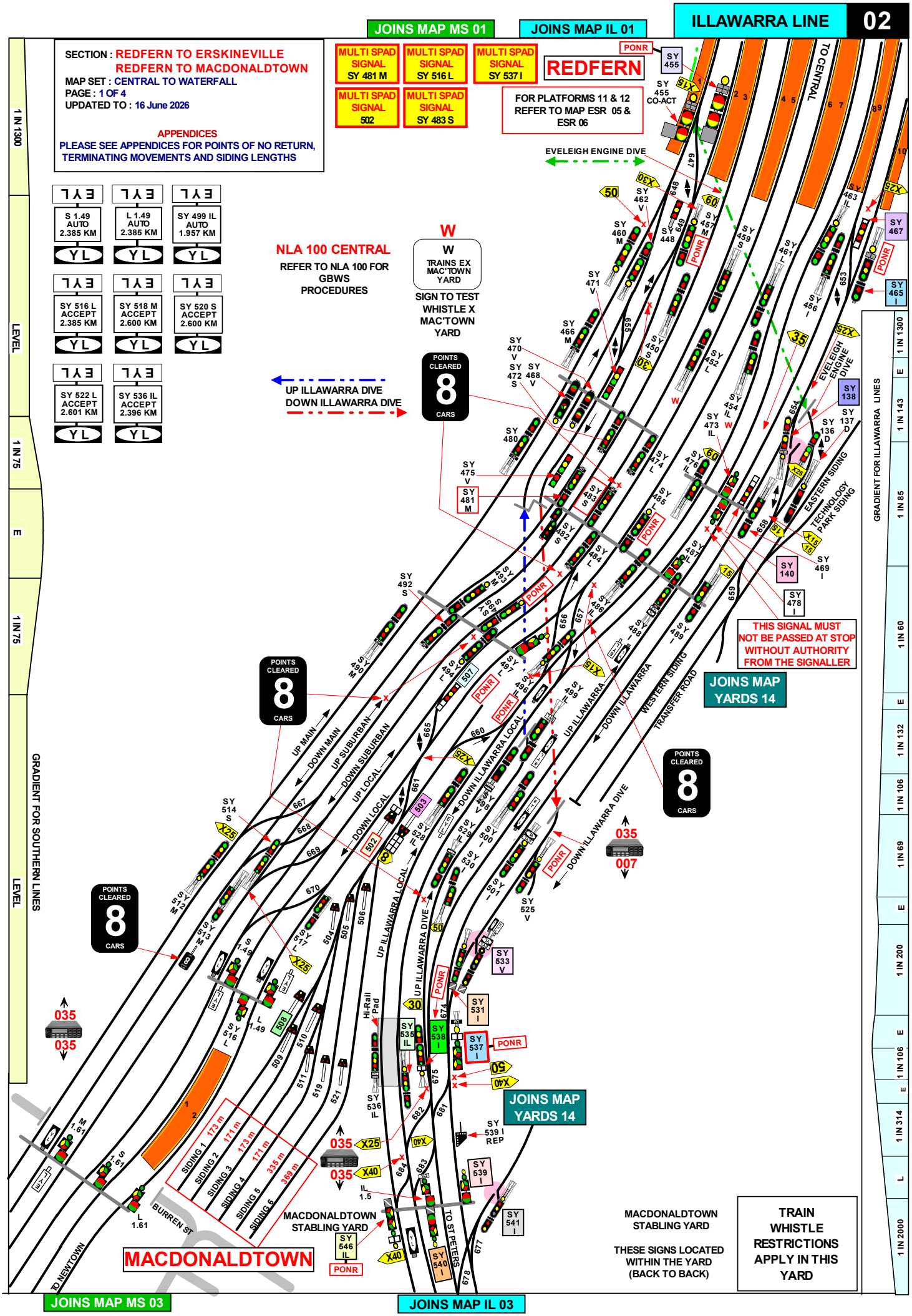
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS



JOINS MAP NSR 03

JOINS MAP MS 02

JOINS MAP IL 02


ILLAWARRA LINE
02
JOINS MAP MS 01
JOINS MAP IL 01
SECTION : REDFERN TO ERSKINEVILLE
REDFERN TO MACDONALDTOWN
MAP SET : CENTRAL TO WATERFALL
PAGE : 1 OF 4
UPDATED TO : 16 June 2026
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
MULTI SPAD SIGNAL SY 481 M
MULTI SPAD SIGNAL SY 516 L
MULTI SPAD SIGNAL SY 537 I
MULTI SPAD SIGNAL 502
MULTI SPAD SIGNAL SY 483 S
REDFERN
FOR PLATFORMS 11 & 12 REFER TO MAP ESR 05 & ESR 06
TO CENTRAL
EVELEIGH ENGINE DIVE
NLA 100 CENTRAL
REFER TO NLA 100 FOR GBWS PROCEDURES
W
TRAINS EX MAC'TOWN YARD
SIGN TO TEST WHISTLE X MAC'TOWN YARD
UP ILLAWARRA DIVE
DOWN ILLAWARRA DIVE
POINTS CLEARED 8 CARS
S 1.49 AUTO 2.385 KM
L 1.49 AUTO 2.385 KM
SY 499 IL AUTO 1.957 KM
SY 516 L ACCEPT 2.385 KM
SY 518 M ACCEPT 2.600 KM
SY 520 S ACCEPT 2.600 KM
SY 522 L ACCEPT 2.601 KM
SY 536 IL ACCEPT 2.396 KM
YL
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM THE SIGNALLER
JOINS MAP YARDS 14
JOINS MAP YARDS 14
UP MAIN
DOWN MAIN
UP SUBURBAN
DOWN SUBURBAN
UP LOCAL
DOWN LOCAL
UP ILLAWARRA LOCAL
DOWN ILLAWARRA LOCAL
UP ILLAWARRA
DOWN ILLAWARRA
WESTERN SIDING
TRANSFER ROAD
EASTERN SIDING
TECHNOLOGY PARK SIDING
Hi-Rail Pad
SIDING 1 173 m
SIDING 2 171 m
SIDING 3 173 m
SIDING 4 171 m
SIDING 5 335 m
SIDING 6 369 m
BURREN ST
TO NEWTOWN
TO ST PETERS
MACDONALDTOWN STABLING YARD
MACDONALDTOWN
MACDONALDTOWN STABLING YARD
THESE SIGNS LOCATED WITHIN THE YARD (BACK TO BACK)
TRAIN WHISTLE RESTRICTIONS APPLY IN THIS YARD
JOINS MAP MS 03
JOINS MAP IL 03
GRADIENT FOR SOUTHERN LINES
GRADIENT FOR ILLAWARRA LINES
1 IN 1300
LEVEL
1 IN 75
E
1 IN 75
LEVEL
1 IN 1300
E
1 IN 143
1 IN 85
1 IN 60
E
1 IN 132
1 IN 106
1 IN 69
E
1 IN 200
E
1 IN 106
E
1 IN 314
L
1 IN 2000

SECTION : REDFERN TO ERSKINEVILLE
REDFERN TO MACDONALDTOWN

MAP SET : CENTRAL TO WATERFALL
PAGE : 2 of 4
UPDATED TO : 16 June 2026

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 002 (SYDNEY EAST UP)
003 (SYDNEY EAST DN)
035 (SYDNEY ILLAWARRA JN)

CONTROLLED FROM : SYDENHAM

RADIO AREA CODE : 007 (SYDENHAM)

SPECIAL POINTS OF INTEREST

ERSKINEVILLE

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

APPENDICES

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

SY 460 M HOME 1.495 KM	SY 462 V HOME 1.490 KM	SY 455 1.328 KM	SY 448 1.404 KM	SY 457 M HOME 1.391 KM	SY 450 S O/HOME 1.410 KM	SY 459 S O/HOME 1.389 KM	SY 452 L O/HOME 1.410 KM	SY 461 L O/HOME 1.417 KM	SY 454 IL AUTO 1.434 KM	SY 463 IL HOME 1.395 KM	SY 456 I O/HOME 1.494 KM	SY 467 1.386 KM	SY 465 I HOME/ STARTING 1.391 KM	SY 136 D HOME 1.544 KM	SY 138 No.1 HOME 1.551 KM	SY 137 D HOME 1.527 KM

SY 466 M O/HOME 1.595 KM	SY 468 UV HOME 1.591 KM	SY 470 DV HOME 1.591 KM	SY 471 V O/HOME 1.577 KM	SY 475 V O/HOME 1.684 KM	SY 472 S AUTO 1.591 KM	SY 474 L O/HOME 1.591 KM	SY 476 IL AUTO 1.636 KM	SY 473 IL O/HOME 1.630 KM	SY 478 I HOME 1.630 KM	SY 140 1.598 KM	SY 469 I AUTO 1.596 KM

SY 480 M O/HOME 1.767 KM	SY 481 M 0/HOME 1.764 KM	SY 482 S AUTO 1.764 KM	SY 483 S O/HOME 1.764 KM	SY 484 L O/HOME 1.764 KM	SY 485 L HOME 1.796 KM	SY 486 IL O/HOME 1.818 KM	SY 487 IL HOME 1.796 KM	SY 488 I O/HOME 1.822 KM	SY 489 I AUTO 1.733 KM

SY 512 M HOME 2.245 KM	SY 513 M AUTO 2.220 KM	SY 514 S HOME 2.245 KM	S 1.49 AUTO 2.385 KM	SY 516 L HOME 2.385 KM	SY 517 AUTO 2.220 KM	L 1.49 AUTO 2.385 KM	SY 528 IL HOME 2.124 KM	SY 529 IL STARTING 2.121 KM	SY 530 I AUTO 2.169 KM	SY 531 I HOME 2.154 KM	SY 532 DV AUTO 2.156 KM	SY 533 V HOME 2.243 KM

SY 490 M O/HOME 1.925 KM	SY 493 M HOME 1.943 KM	SY 492 S O/HOME 1.943 KM	SY 495 S HOME / STARTING 1.942 KM	SY 494 L HOME 1.965 KM	SY 507 1.958 KM	508	SY 497 L HOME / STARTING 1.965 KM	SY 496 IL HOME 1.978 KM	SY 498 V HOME 1.966 KM	SY 499 IL AUTO 1.957 KM	SY 500 I AUTO 1.980 KM	SY 501 I O/HOME 1.980 KM	502 AUTO 2.124 KM	503 AUTO 2.117 KM	SY 525 V HOME 2.053 KM

SY 536 IL ACCEPT 2.396 KM	SY 546 IL HOME 2.622 KM	SY 552 IL HOME 2.787 KM	SY 535 IL HOME 2.345 KM	IL 1.5 AUTO 2.618 KM	IL 1.7 AUTO 2.751 KM	SY 538 I HOME 2.396 KM	SY 540 I O/HOME 2.622 KM	SY 537 I O/HOME 2.345 KM	SY 539 I REPEAT 2.517 KM	SY 539 I HOME 2.618 KM	SY 547 I O/HOME 2.787 KM	SY 542 I 2.790 KM	SY 541 I HOME 2.605 KM	SY 543 IR ACCEPT 2.837 KM	SY 545 IR HOME 2.915 KM	SY 544 I 2.797 KM

MULTI SPAD SIGNAL SY 481 M

MULTI SPAD SIGNAL SY 516 L

MULTI SPAD SIGNAL SY 537 I

MULTI SPAD SIGNAL 502

MULTI SPAD SIGNAL SY 483 S

RADIO TRANSPONDER AREA NUMBERS



A	001	002	003	035	001	258
V	035	035	035	258	258	035

SECTION : REDFERN TO ERSKINEVILLE
REDFERN TO MACDONALDTOWN

MAP SET : CENTRAL TO WATERFALL
PAGE : 3 OF 4
UPDATED TO : 6 August 2025

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 002 (SYDNEY EAST UP)
003 (SYDNEY EAST DN)
035 (SYDNEY ILLAWARRA JN)

CONTROLLED FROM : SYDENHAM

RADIO AREA CODE : 007 (SYDENHAM)

SPECIAL POINTS OF INTEREST

ERSKINEVILLE

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

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

SIGNAL	DESTINATION	INDICATION
SY 138	UP ILLAWARRA (S)	UI
	DOWN ILLAWARRA (S)	DI

SIGNAL	DESTINATION	INDICATION
SY 140	UP ILLAWARRA (S)	UI
	DOWN ILLAWARRA (S)	DI

SIGNAL	DESTINATION	INDICATION
SY 455	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM
	DOWN ILLAWARRA DIVE (M) (VIA 647 & 649 POINTS)	I
	DOWN ILLAWARRA DIVE (S) (VIA 647 & 649 POINTS)	ID
	DOWN ILLAWARRA DIVE (M) (VIA 648 & 655 POINTS)	I
	DOWN ILLAWARRA DIVE (S) (VIA 648 & 645 POINTS)	ID
	ELSTON SIDINGS (S)	ES

SIGNAL	DESTINATION	INDICATION
SY 465 I	ARRIVAL/DEPARTURE ROAD (S)	AD
	DOWN ILLAWARRA (S)	DI

SIGNAL	DESTINATION	INDICATION
SY 467	ARRIVAL/DEPARTURE ROAD (S)	AD
	DOWN ILLAWARRA (S)	DI

SIGNAL	DESTINATION	INDICATION
502	UP LOCAL	UL
	UP ILLAWARRA LOCAL	IL

SIGNAL	DESTINATION	INDICATION
503	SIDING No.1	S1
	SIDING No.2	S2
	SIDING No.3	S3
	SIDING No.4	S4
	SIDING No.5	S5
	SIDING No.6	S6

SIGNAL	DESTINATION	INDICATION
SY 507	TURN BACK	TB
	DOWN LOCAL	DL
	DOWN SUBURBAN	DS

SIGNAL	DESTINATION	INDICATION
SY 508	UP LOCAL	UL

SIGNAL	DESTINATION	IND.
SY 531 I	DOWN ILLAWARRA (M)	-
	DOWN ILLAWARRA (S)	-

SIGNAL	DESTINATION	IND.
SY 533 V	DOWN ILLAWARRA (M)	-
	DOWN ILLAWARRA (S)	-

SIGNAL	DESTINATION	IND.
SY 535 IL	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA LOCAL (S)	-

SIGNAL	DESTINATION	IND.		
SY 537 I	DOWN ILLAWARRA (M)	-	DI	DL
	DOWN ILLAWARRA LOCAL (M)	-		
	DOWN ILLAWARRA (S)	DI		
	DOWN ILLAWARRA LOCAL (S)	DL		

SIGNAL	DESTINATION	IND.		
SY 538 I	UP ILLAWARRA DIVE (M)	-	DI	DL
	UP ILLAWARRA (M)	-		
	UP ILLAWARRA DIVE (S)	ID		
	UP ILLAWARRA (S)	UI		

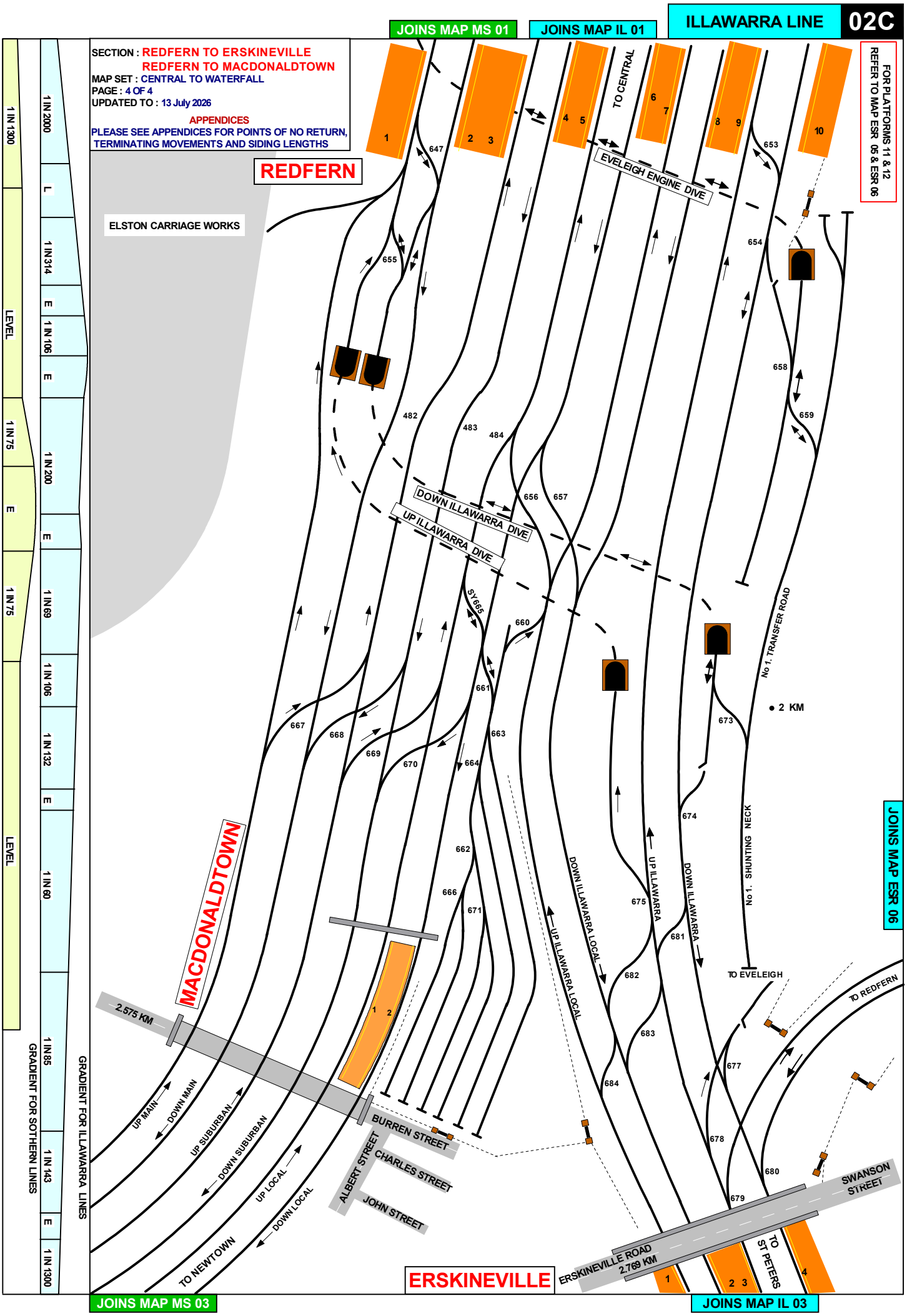
SIGNAL	DESTINATION	INDICATION
SY 539 I	DOWN ILLAWARRA	-
	DOWN ILLAWARRA	-

SIGNAL	DESTINATION	IND.
SY 540 I	UP ILLAWARRA (M)	-
	UP ILLAWARRA (S)	-

SIGNAL	DESTINATION	IND.
SY 541 I	DOWN ILLAWARRA (M)	-
	UP ILLAWARRA (S)	-

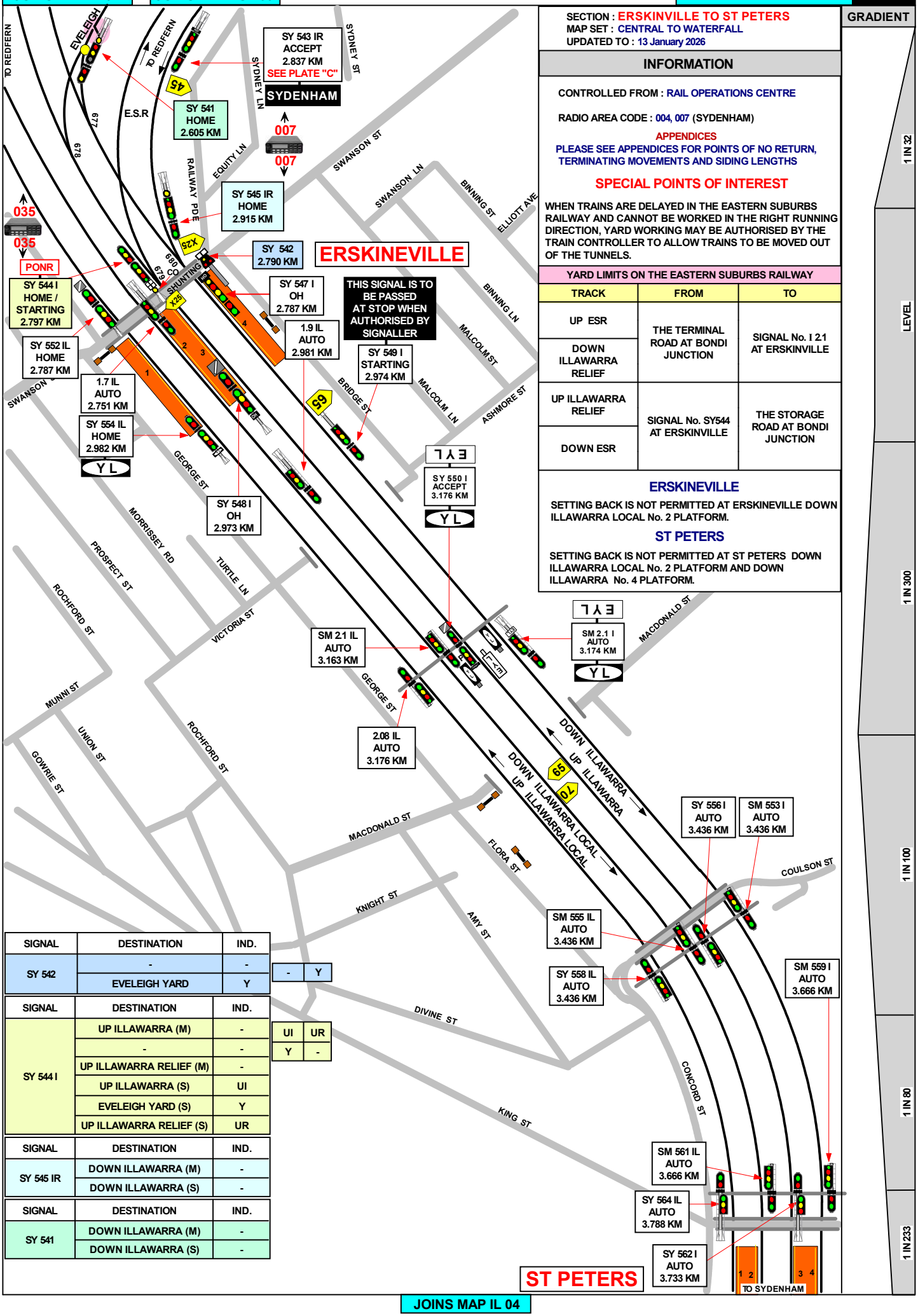
SIGNAL	DESTINATION	IND.		
SY 546 IL	UP ILLAWARRA LOCAL(M)	-	UL	UI
	UP ILLAWARRA(M)	-		
	UP ILLAWARRA (S)	UL		
	UP ILLAWARRA LOCAL (S)	UI		

SIGNAL	DESTINATION	IND.		
SY 544 IL	UP ILLAWARRA (M)	-	UI	UR
	-	-		
	UP ILLAWARRA RELIEF (S)	UI		
	EVELEIGH YARD (S)	Y		
	UP ILLAWARRA RELIEF (S)	UR		


ILLAWARRA LINE
02C
JOINS MAP MS 01
JOINS MAP IL 01
SECTION : REDFERN TO ERSKINEVILLE
REDFERN TO MACDONALDTOWN
MAP SET : CENTRAL TO WATERFALL
PAGE : 4 OF 4
UPDATED TO : 13 July 2026
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
FOR PLATFORMS 11 & 12 REFER TO MAP ESR 05 & ESR 06
REDFERN
ELSTON CARRIAGE WORKS
TO CENTRAL
EVELEIGH ENGINE DIVE
DOWN ILLAWARRA DIVE
UP ILLAWARRA DIVE
SY665
No 1. TRANSFER ROAD
No 1. SHUNTING NECK
2 KM
MACDONALDTOWN
2.575 KM
UP MAIN
DOWN MAIN
UP SUBURBAN
DOWN SUBURBAN
UP LOCAL
DOWN LOCAL
TO NEWTOWN
BURREN STREET
CHARLES STREET
JOHN STREET
ALBERT STREET
DOWN ILLAWARRA LOCAL
UP ILLAWARRA LOCAL
UP ILLAWARRA
DOWN ILLAWARRA
TO EVELEIGH
TO REDFERN
SWANSON STREET
TO ST PETERS
ERSKINEVILLE ROAD
2.769 KM
ERSKINEVILLE
JOINS MAP ESR 06
JOINS MAP MS 03
JOINS MAP IL 03
GRADIENT FOR ILLAWARRA LINES
GRADIENT FOR SOTHERN LINES
1 IN 1300
1 IN 2000
L
1 IN 314
E
1 IN 106
E
1 IN 75
1 IN 200
E
E
1 IN 75
1 IN 69
1 IN 106
1 IN 132
E
1 IN 60
1 IN 85
1 IN 143
E
1 IN 1300
LEVEL
LEVEL

JOINS MAP IL 02

JOINS MAP ESR 06



SECTION : ERSKINVILLE TO ST PETERS
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 13 January 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 004, 007 (SYDENHAM)

APPENDICES

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

SPECIAL POINTS OF INTEREST

WHEN TRAINS ARE DELAYED IN THE EASTERN SUBURBS RAILWAY AND CANNOT BE WORKED IN THE RIGHT RUNNING DIRECTION, YARD WORKING MAY BE AUTHORISED BY THE TRAIN CONTROLLER TO ALLOW TRAINS TO BE MOVED OUT OF THE TUNNELS.

YARD LIMITS ON THE EASTERN SUBURBS RAILWAY

TRACK	FROM	TO
UP ESR	THE TERMINAL ROAD AT BONDI JUNCTION	SIGNAL No. I 2.1 AT ERSKINVILLE
DOWN ILLAWARRA RELIEF		
UP ILLAWARRA RELIEF	SIGNAL No. SY544 AT ERSKINVILLE	THE STORAGE ROAD AT BONDI JUNCTION
DOWN ESR		

ERSKINEVILLE

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

ST PETERS

SETTING BACK IS NOT PERMITTED AT ST PETERS DOWN ILLAWARRA LOCAL No. 2 PLATFORM AND DOWN ILLAWARRA No. 4 PLATFORM.

GRADIENT

1 IN 32
LEVEL
1 IN 300
1 IN 100
1 IN 80
1 IN 233

SIGNAL	DESTINATION	IND.
SY 542	-	-
	EVELEIGH YARD	Y

-	Y

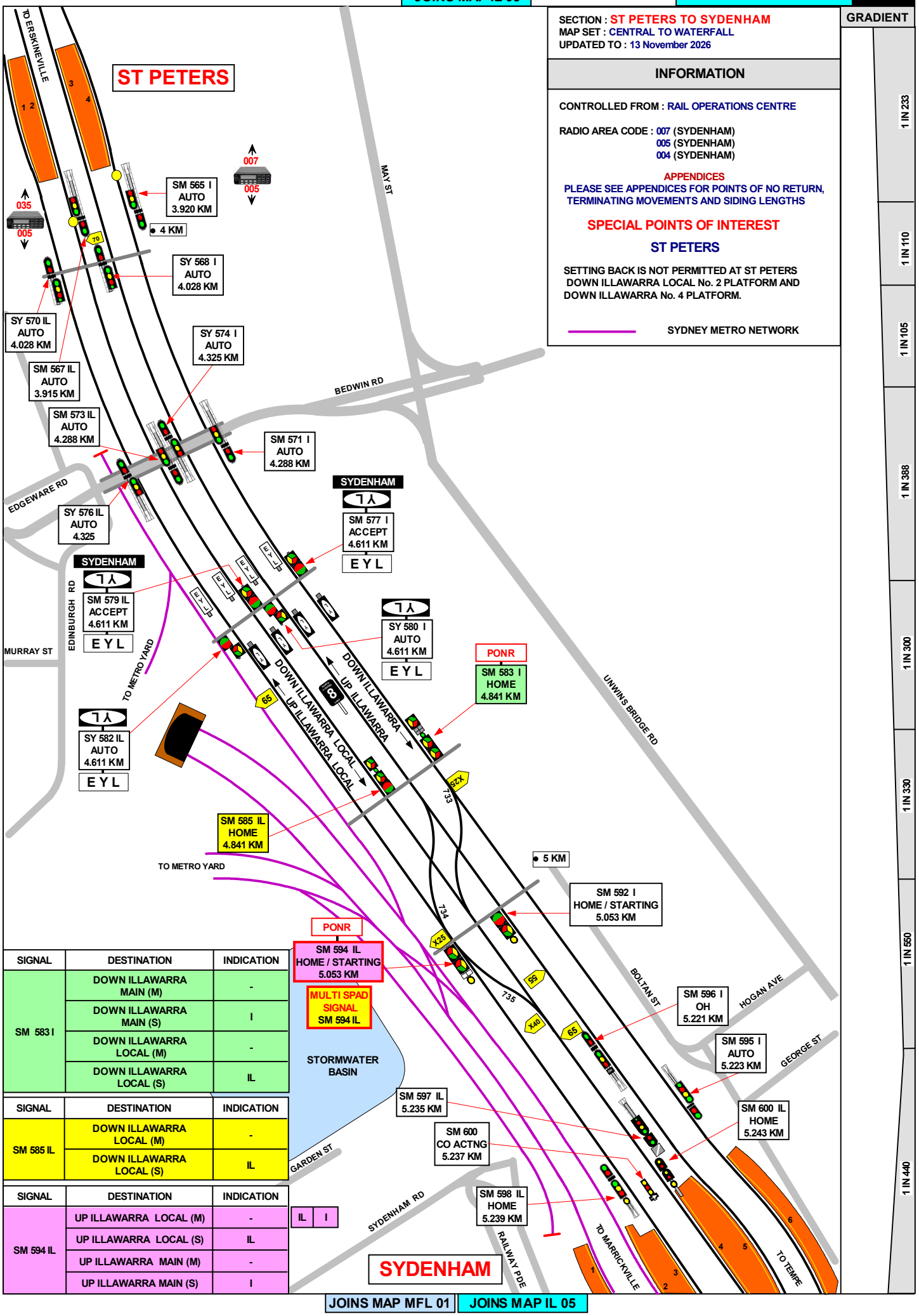
SIGNAL	DESTINATION	IND.
SY 544 I	UP ILLAWARRA (M)	-
	-	-
	UP ILLAWARRA RELIEF (M)	-
	UP ILLAWARRA (S)	UI
	EVELEIGH YARD (S)	Y
	UP ILLAWARRA RELIEF (S)	UR

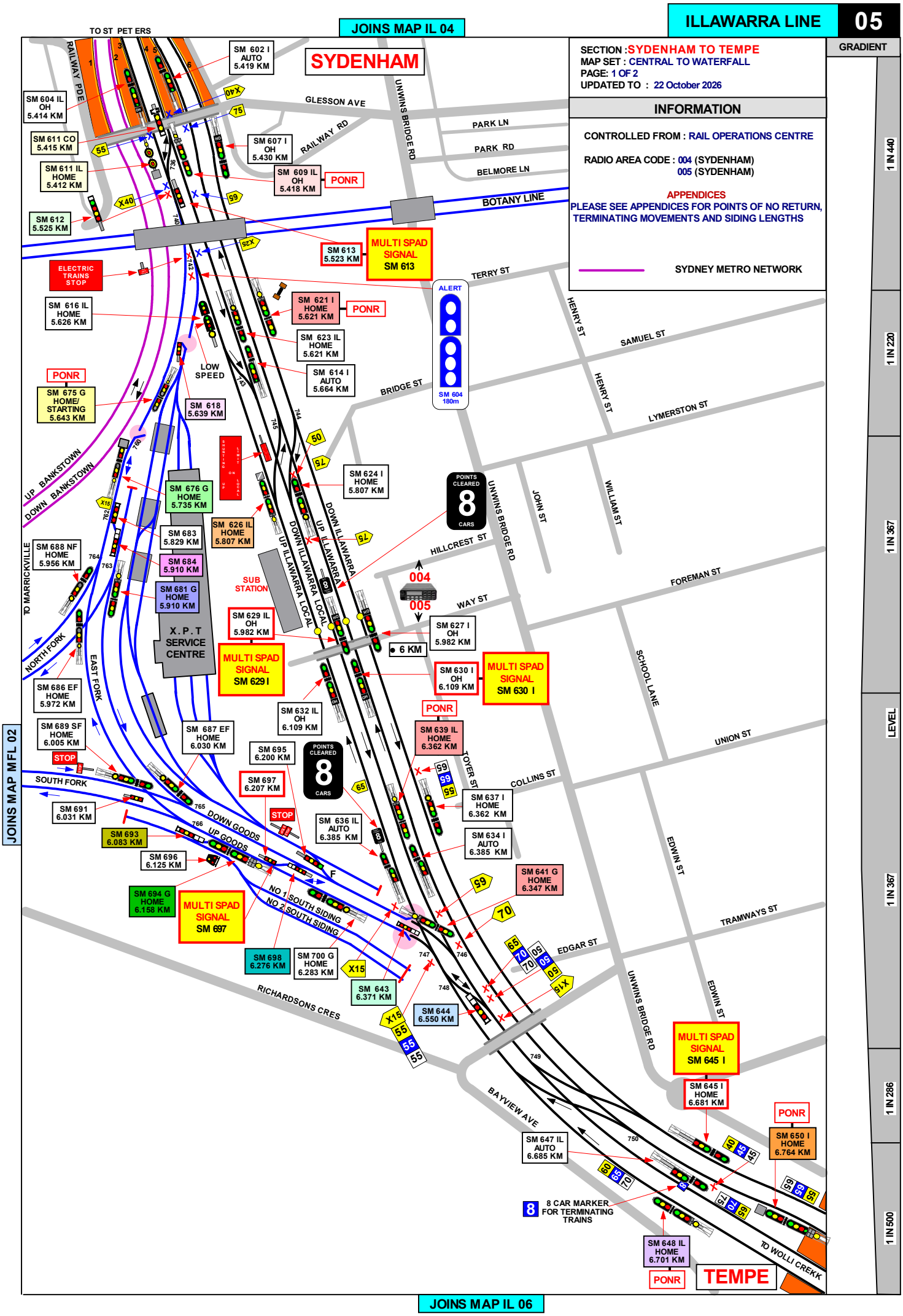
UI	UR
Y	-

SIGNAL	DESTINATION	IND.
SY 545 IR	DOWN ILLAWARRA (M)	-
	DOWN ILLAWARRA (S)	-

SIGNAL	DESTINATION	IND.
SY 541	DOWN ILLAWARRA (M)	-
	DOWN ILLAWARRA (S)	-

JOINS MAP IL 04


SECTION : ST PETERS TO SYDENHAM
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 13 November 2026
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 007 (SYDENHAM)
005 (SYDENHAM)
004 (SYDENHAM)
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
SPECIAL POINTS OF INTEREST
ST PETERS
SETTING BACK IS NOT PERMITTED AT ST PETERS DOWN ILLAWARRA LOCAL No. 2 PLATFORM AND DOWN ILLAWARRA No. 4 PLATFORM.
SYDNEY METRO NETWORK
GRADIENT
1 IN 233
1 IN 110
1 IN 105
1 IN 388
1 IN 300
1 IN 330
1 IN 550
1 IN 440
ST PETERS
TO ERSKINEVILLE
MAY ST
BEDWIN RD
EDGEWARE RD
EDINBURGH RD
MURRAY ST
TO METRO YARD
UNWINS BRIDGE RD
BOLTAN ST
HOGAN AVE
GEORGE ST
GARDEN ST
SYDENHAM RD
RAILWAY PDE
TO MARRICKVILLE
TO TEMPE
STORMWATER BASIN
SYDENHAM
SM 565 I AUTO 3.920 KM
4 KM
SY 568 I AUTO 4.028 KM
SY 570 IL AUTO 4.028 KM
SM 567 IL AUTO 3.915 KM
SY 574 I AUTO 4.325 KM
SM 573 IL AUTO 4.288 KM
SM 571 I AUTO 4.288 KM
SY 576 IL AUTO 4.325
SM 577 I ACCEPT 4.611 KM
E Y L
SM 579 IL ACCEPT 4.611 KM
E Y L
SY 580 I AUTO 4.611 KM
E Y L
SY 582 IL AUTO 4.611 KM
E Y L
PONR
SM 583 I HOME 4.841 KM
DOWN ILLAWARRA
UP ILLAWARRA
DOWN ILLAWARRA LOCAL
UP ILLAWARRA LOCAL
SM 585 IL HOME 4.841 KM
TO METRO YARD
5 KM
SM 592 I HOME / STARTING 5.053 KM
PONR
SM 594 IL HOME / STARTING 5.053 KM
MULTI SPAD SIGNAL SM 594 IL
SM 596 I OH 5.221 KM
SM 595 I AUTO 5.223 KM
SM 597 IL 5.235 KM
SM 600 IL HOME 5.243 KM
SM 600 CO ACTNG 5.237 KM
SM 598 IL HOME 5.239 KM
SIGNAL | DESTINATION | INDICATION
SM 583 I
DOWN ILLAWARRA MAIN (M) -
DOWN ILLAWARRA MAIN (S) I
DOWN ILLAWARRA LOCAL (M) -
DOWN ILLAWARRA LOCAL (S) IL
SIGNAL | DESTINATION | INDICATION
SM 585 IL
DOWN ILLAWARRA LOCAL (M) -
DOWN ILLAWARRA LOCAL (S) IL
SIGNAL | DESTINATION | INDICATION
SM 594 IL
UP ILLAWARRA LOCAL (M) -
UP ILLAWARRA LOCAL (S) IL
UP ILLAWARRA MAIN (M) -
UP ILLAWARRA MAIN (S) I
IL I


ILLAWARRA LINE
05
GRADIENT
JOINS MAP IL 04
JOINS MAP IL 06
JOINS MAP MFL 02
TO ST PET ERS
SYDENHAM
TEMPE
SECTION :SYDENHAM TO TEMPE
MAP SET : CENTRAL TO WATERFALL
PAGE: 1 OF 2
UPDATED TO : 22 October 2026
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 004 (SYDENHAM)
005 (SYDENHAM)
APPENDICES
PLEASE SEE APPENDICES FOR POINTS OF NO RETURN, TERMINATING MOVEMENTS AND SIDING LENGTHS
SYDNEY METRO NETWORK
1 IN 440
1 IN 220
1 IN 367
LEVEL
1 IN 367
1 IN 286
1 IN 500
SM 602 I AUTO 5.419 KM
SM 604 IL OH 5.414 KM
SM 611 CO 5.415 KM
SM 611 IL HOME 5.412 KM
SM 612 5.525 KM
SM 607 I OH 5.430 KM
SM 609 IL OH 5.418 KM
PONR
SM 613 5.523 KM
MULTI SPAD SIGNAL SM 613
ELECTRIC TRAINS STOP
SM 616 IL HOME 5.626 KM
SM 621 I HOME 5.621 KM
SM 623 IL HOME 5.621 KM
SM 614 I AUTO 5.664 KM
SM 675 G HOME/ STARTING 5.643 KM
SM 618 5.639 KM
LOW SPEED
SM 624 I HOME 5.807 KM
SM 676 G HOME 5.735 KM
SM 626 IL HOME 5.807 KM
SM 683 5.829 KM
SM 684 5.910 KM
SM 681 G HOME 5.910 KM
SM 688 NF HOME 5.956 KM
SUB STATION
X.P.T SERVICE CENTRE
SM 629 IL OH 5.982 KM
MULTI SPAD SIGNAL SM 629 I
SM 627 I OH 5.982 KM
6 KM
SM 630 I OH 6.109 KM
MULTI SPAD SIGNAL SM 630 I
SM 632 IL OH 6.109 KM
SM 639 IL HOME 6.362 KM
SM 637 I HOME 6.362 KM
SM 634 I AUTO 6.385 KM
SM 641 G HOME 6.347 KM
SM 636 IL AUTO 6.385 KM
SM 686 EF HOME 5.972 KM
SM 689 SF HOME 6.005 KM
SM 687 EF HOME 6.030 KM
SM 695 6.200 KM
SM 697 6.207 KM
SM 691 6.031 KM
SM 693 6.083 KM
SM 696 6.125 KM
SM 694 G HOME 6.158 KM
MULTI SPAD SIGNAL SM 697
SM 698 6.276 KM
SM 700 G HOME 6.283 KM
SM 643 6.371 KM
SM 644 6.550 KM
MULTI SPAD SIGNAL SM 645 I
SM 645 I HOME 6.681 KM
SM 647 IL AUTO 6.685 KM
SM 650 I HOME 6.764 KM
SM 648 IL HOME 6.701 KM
8 CAR MARKER FOR TERMINATING TRAINS
ALERT
SM 604 180m
POINTS CLEARED 8 CARS
004
005
UP BANKSTOWN
DOWN BANKSTOWN
UP ILLAWARRA
DOWN ILLAWARRA
DOWN ILLAWARRA LOCAL
UP ILLAWARRA LOCAL
NORTH FORK
EAST FORK
SOUTH FORK
DOWN GOODS
UP GOODS
NO 1 SOUTH SIDING
NO 2 SOUTH SIDING
TO MARRICKVILLE
TO WOLLI CREKK
RAILWAY PDE
GLESSON AVE
RAILWAY RD
UNWINS BRIDGE RD
PARK LN
PARK RD
BELMORE LN
BOTANY LINE
TERRY ST
BRIDGE ST
HENRY ST
SAMUEL ST
LYMERSTON ST
HILLCREST ST
WAY ST
FOREMAN ST
JOHN ST
WILLIAM ST
SCHOOL LANE
UNION ST
COLLINS ST
TOYER ST
EDWIN ST
TRAMWAYS ST
EDGAR ST
RICHARDSONS CRES
BAYVIEW AVE
STOP

SIGNAL	DESTINATION	INDICATION
SM 609	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA LOCAL (S)	D
	UP ILLAWARRA LOCAL (S)	U
	DOWN GOODS (M)	-

SIGNAL	DESTINATION	INDICATION	CO-ACT IND
SM 611	DOWN ILLAWARRA LOCAL (M)	L	L
	UP ILLAWARRA LOCAL (S)	-	-
	DOWN GOODS (M)	G	G

SIGNAL	DESTINATION	INDICATION
SM 612	UP ILLAWARRA LOCAL (S) (GREEN LIGHT)	U
	DOWN ILLAWARRA LOCAL (S)	D

SIGNAL	DESTINATION	INDICATION
SM 613	DOWN ILLAWARRA LOCAL (S)	D
	UP ILLAWARRA LOCAL (S) (SHUNTING LIMIT)	U
	XPT MAINTENANCE CENT	X
	DOWN GOODS (S)	G

SIGNAL	DESTINATION	INDICATION
SM 618	UP ILLAWARRA LOCAL (S)	-

SIGNAL	DESTINATION	INDICATION
SM 621 I & SM 639 IL & SM 641 G	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	I
	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA LOCAL (S)	IL

SIGNAL	DESTINATION	INDICATION
SM 626 IL	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	IL
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	I

SIGNAL	DESTINATION	INDICATION
SM 643	UP ILLAWARRA MAIN	I
	UP ILLAWARRA LOCAL	IL

SIGNAL	DESTINATION	INDICATION
SM 644	UP GOODS	G
	UP ILLAWARRA LOCAL	IL

SIGNAL	DESTINATION	INDICATION
SM 648 IL	UP GOODS (M)	-
	UP GOODS (S)	G
	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	IL

SIGNAL	DESTINATION	INDICATION
SM 650 I	UP GOODS (M)	G
	UP GOODS (S)	G
	UP ILLAWARRA LOCAL (M)	IL
	UP ILLAWARRA LOCAL (S)	IL
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	I

SIGNAL	DESTINATION	INDICATION
SM 675 G	DOWN GOODS	M
	DOWN GOODS	S

SIGNAL	DESTINATION	INDICATION
SM 676 G	UP ILLAWARRA LOCAL (M)	U
	UP ILLAWARRA LOCAL (S)	-
	DOWN ILLAWARRA LOCAL(M)	D

SIGNAL	DESTINATION	INDICATION
SM 681 G	DOWN EAST FORK (M)	-
	DOWN EAST FORK (S)	EF
	DOWN NORTH FORK (M)	-
	DOWN NORTH FORK (S)	NF

SIGNAL	DESTINATION	INDICATION
SM 684	GOODS LINE	G
	NORTH SHUNTING NECK	N

SECTION : SYDENHAM TO TEMPE
MAP SET : CENTRAL TO WATERFALL
PAGE: 2 OF 2
UPDATED TO : 1 May 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 004 (SYDENHAM)
005 (SYDENHAM)

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

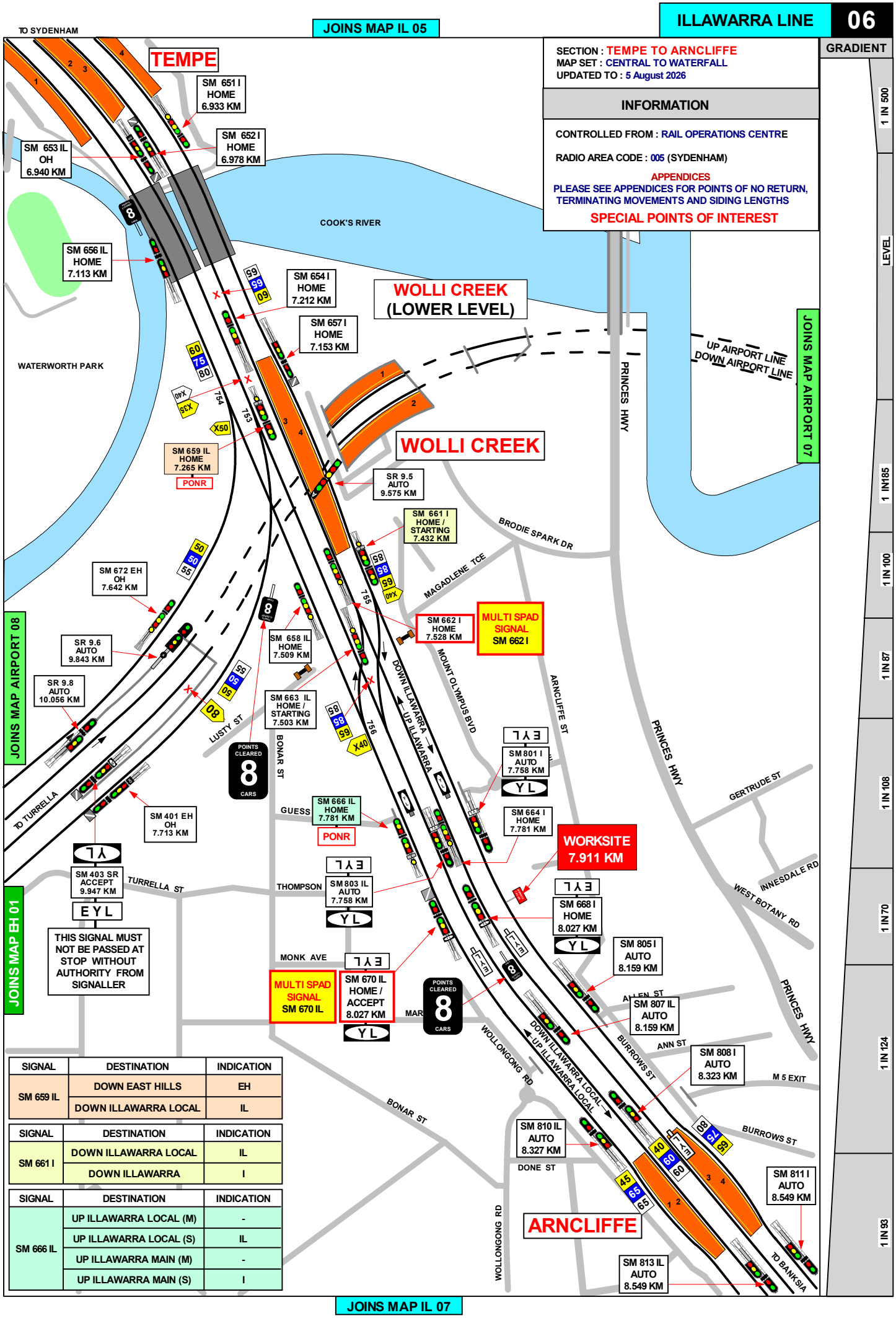
SIGNAL	DESTINATION	INDICATION
SM 693	UP GOODS	UG
	SIDING	S

SIGNAL	DESTINATION	INDICATION
SM 694 G	UP SHUNTING NECK (S)	SN
	UP SOUTH FORK (M)	-
	UP SOUTH FORK (S)	SF
	UP EAST FORK (M)	-
	UP EAST FORK (S)	EF

SIGNAL	DESTINATION	INDICATION
SM 698	UP GOODS	UG
	DOWN GOODS	DG

PROPELLING MOVEMENTS
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.

SELF-PROPELLED DIESEL TRAINS MAY TERMINATE ON		
FROM	TERMINATE AT	THEN GO TO
	DOWN EAST FORK	RETURN TO THE UP NORTH FORK VIA No. 762 POINTS.
	DOWN GOODS LINE	RETURN TO THE UP SOUTH FORK VIA No. 770 POINTS.
	DOWN ILLAWARRA LOCAL LINE AT SIGNAL No. SM 644	RETURN TO EITHER THE UP NORTH FORK VIA Nos. 775 AND 773 POINTS OR THE DOWN SOUTH FORK VIA No. 775 POINTS

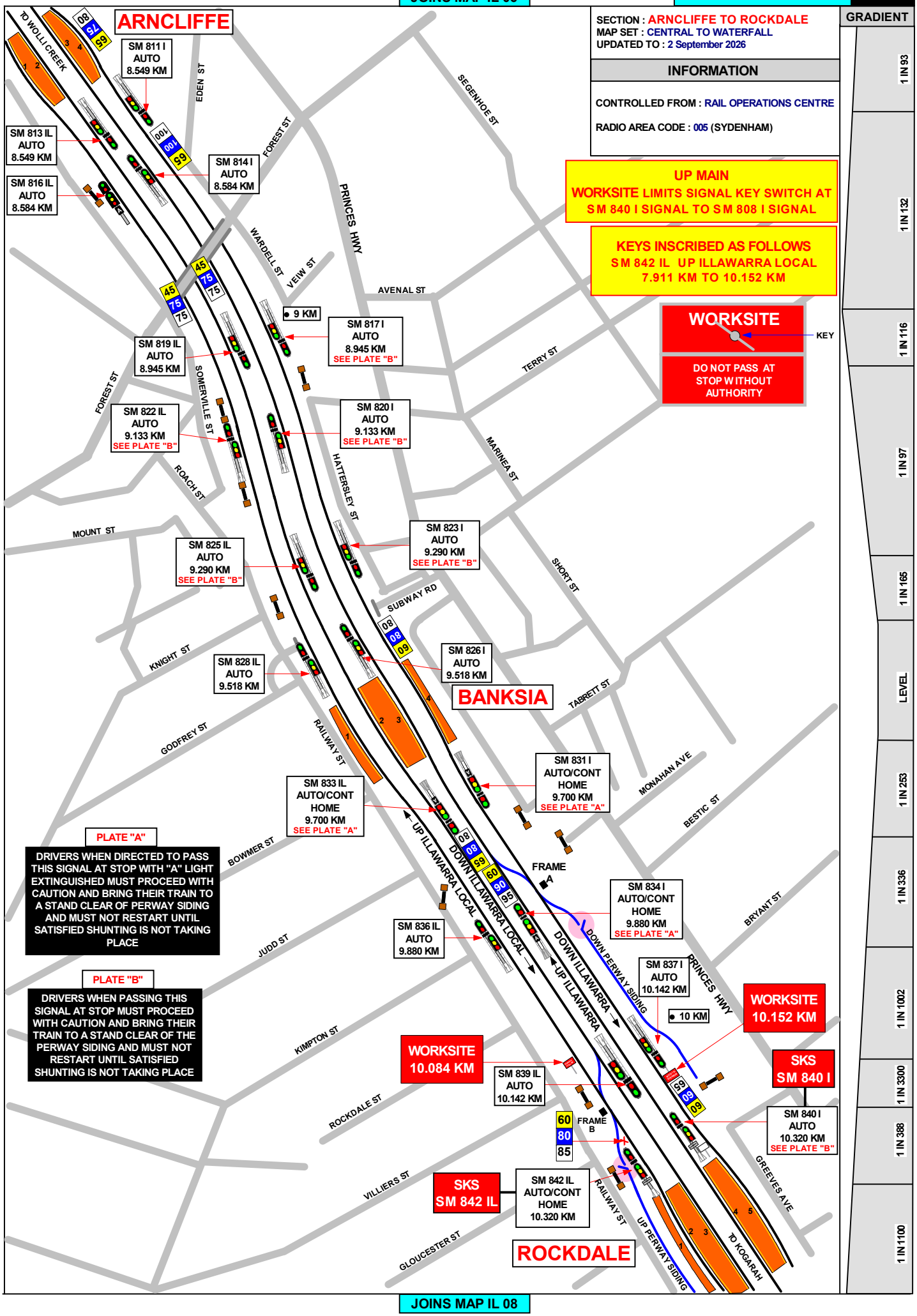


SIGNAL	DESTINATION	INDICATION
SM 659 IL	DOWN EAST HILLS	EH
	DOWN ILLAWARRA LOCAL	IL

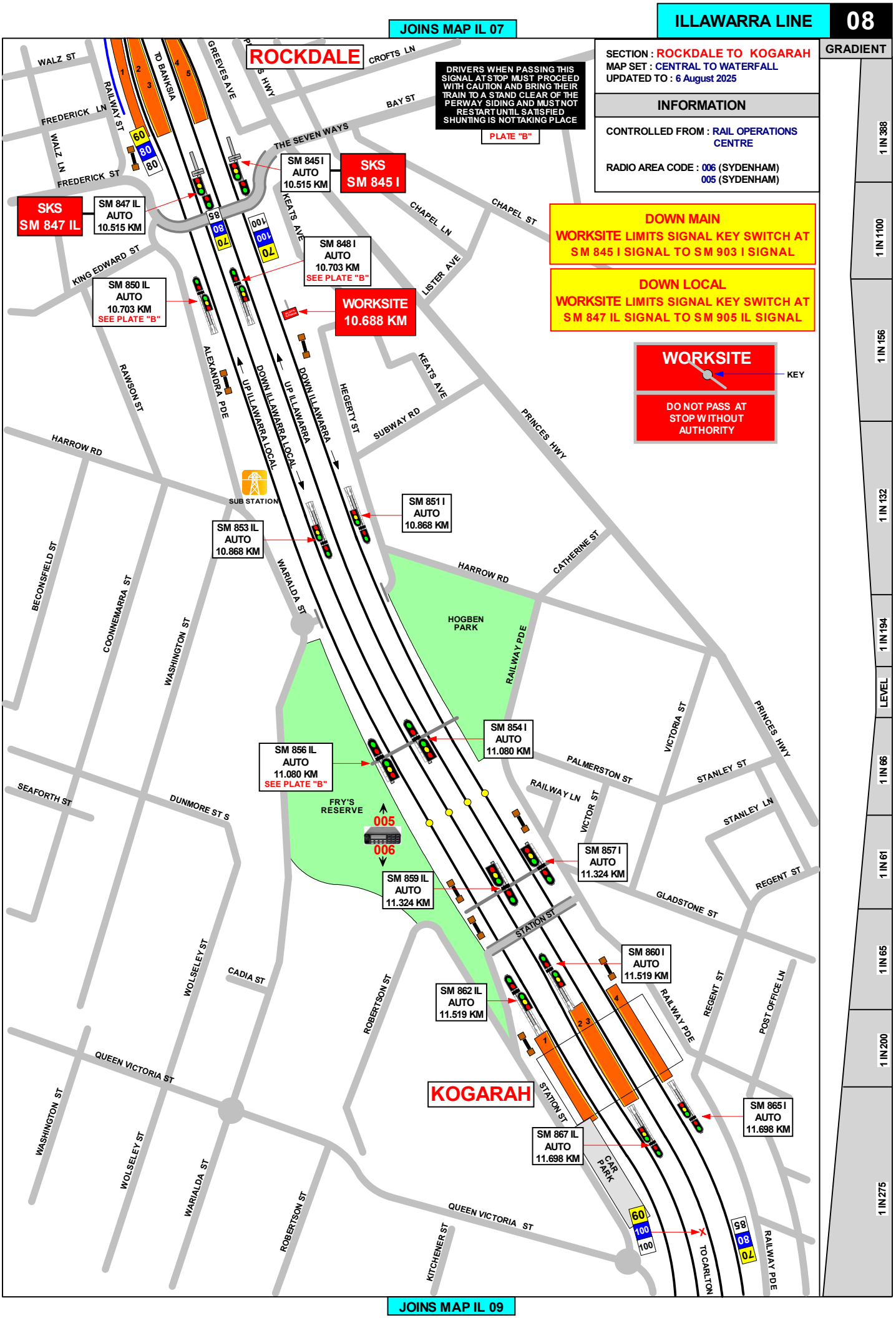
SIGNAL	DESTINATION	INDICATION
SM 661 I	DOWN ILLAWARRA LOCAL	IL
	DOWN ILLAWARRA	I

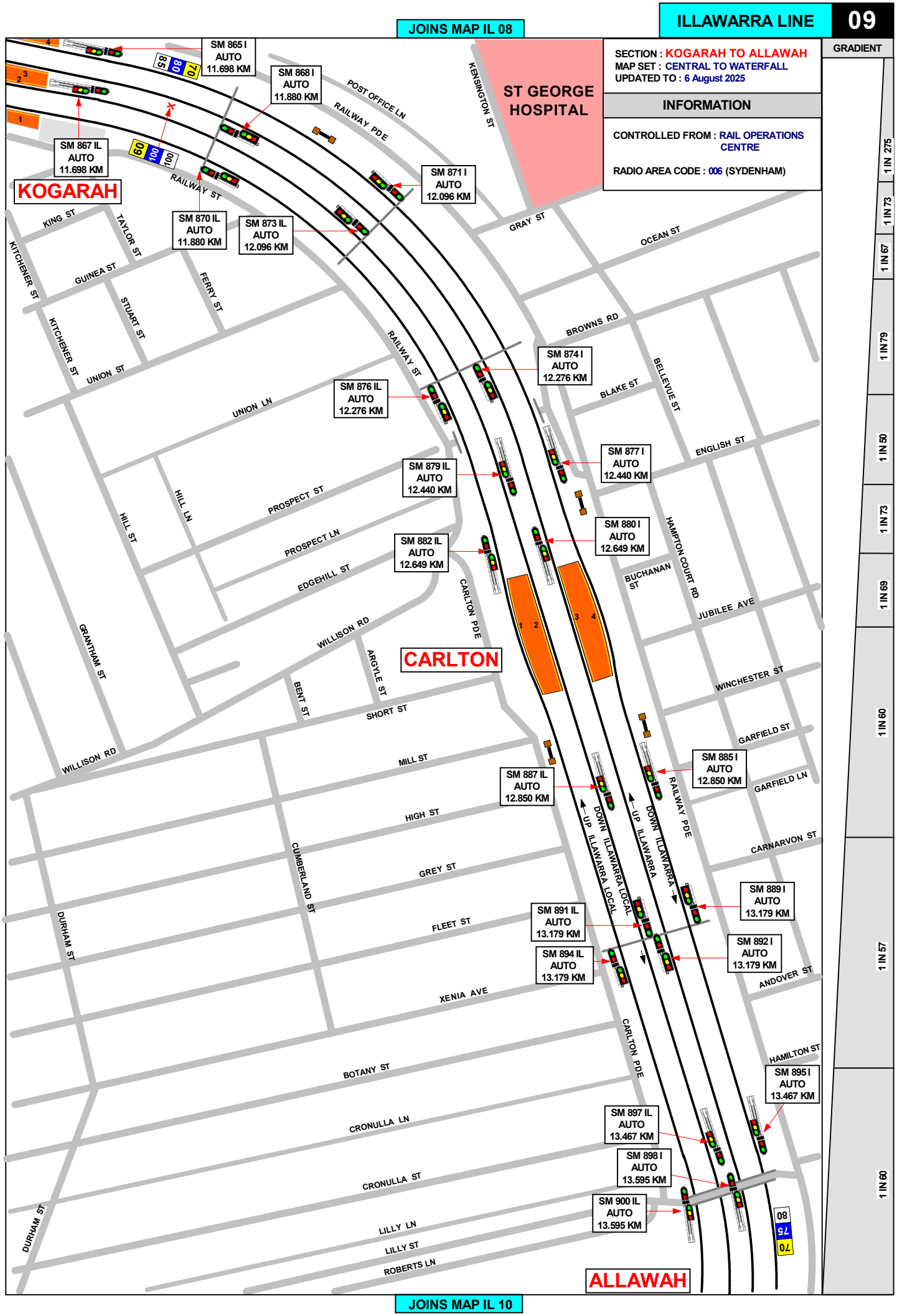
SIGNAL	DESTINATION	INDICATION
SM 666 IL	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	IL
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	I

JOINS MAP IL 06

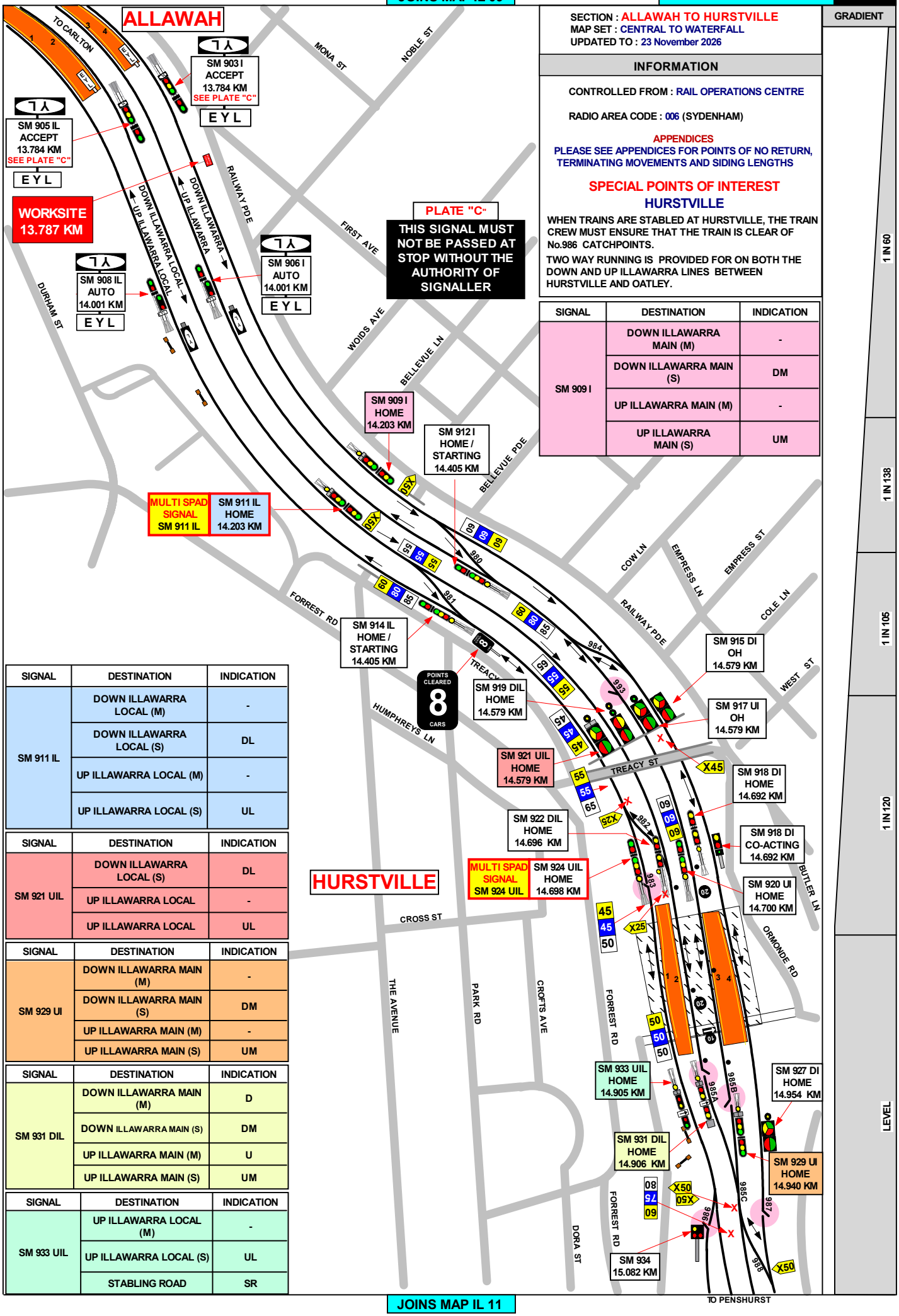


JOINS MAP IL 08


JOINS MAP IL 07
ILLAWARRA LINE
08
GRADIENT
SECTION : ROCKDALE TO KOGARAH
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 006 (SYDENHAM)
005 (SYDENHAM)
ROCKDALE
DRIVERS WHEN PASSING THIS SIGNAL AT STOP MUST PROCEED WITH CAUTION AND BRING THEIR TRAIN TO A STAND CLEAR OF THE PERWAY SIDING AND MUST NOT RESTART UNTIL SATISFIED SHUNTING IS NOT TAKING PLACE
PLATE "B"
SKS SM 845 I
SM 845 I AUTO 10.515 KM
SKS SM 847 IL
SM 847 IL AUTO 10.515 KM
SM 848 I AUTO 10.703 KM SEE PLATE "B"
SM 850 IL AUTO 10.703 KM SEE PLATE "B"
WORKSITE 10.688 KM
DOWN MAIN WORKSITE LIMITS SIGNAL KEY SWITCH AT SM 845 I SIGNAL TO SM 903 I SIGNAL
DOWN LOCAL WORKSITE LIMITS SIGNAL KEY SWITCH AT SM 847 IL SIGNAL TO SM 905 IL SIGNAL
WORKSITE
KEY
DO NOT PASS AT STOP WITHOUT AUTHORITY
SM 851 I AUTO 10.868 KM
SM 853 IL AUTO 10.868 KM
SM 854 I AUTO 11.080 KM
SM 856 IL AUTO 11.080 KM SEE PLATE "B"
SM 857 I AUTO 11.324 KM
SM 859 IL AUTO 11.324 KM
SM 860 I AUTO 11.519 KM
SM 862 IL AUTO 11.519 KM
SM 865 I AUTO 11.698 KM
SM 867 IL AUTO 11.698 KM
005
006
KOGARAH
SUB STATION
HOGBEN PARK
FRY'S RESERVE
CAR PARK
TO BANKSIA
TO CARLTON
WALZ ST
FREDERICK LN
FREDERICK ST
WALZ LN
RAILWAY ST
GREEVES AVE
CROFTS LN
BAY ST
THE SEVEN WAYS
KEATS AVE
CHAPEL LN
CHAPEL ST
KING EDWARD ST
LISTER AVE
RAWSON ST
ALEXANDRA PDE
UP ILLAWARRA LOCAL
DOWN ILLAWARRA LOCAL
UP ILLAWARRA
DOWN ILLAWARRA
HEGERTY ST
SUBWAY RD
PRINCES HWY
HARROW RD
BECONSFIELD ST
COONNEMARRA ST
WASHINGTON ST
WARIALDA ST
CATHERINE ST
RAILWAY PDE
VICTORIA ST
PALMERSTON ST
STANLEY ST
RAILWAY LN
VICTOR ST
STANLEY LN
SEAFORTH ST
DUNMORE ST S
REGENT ST
GLADSTONE ST
STATION ST
WOLSELEY ST
CADIA ST
ROBERTSON ST
POST OFFICE LN
QUEEN VICTORIA ST
KITCHENER ST
1 IN 388
1 IN 1100
1 IN 156
1 IN 132
1 IN 194
LEVEL
1 IN 66
1 IN 61
1 IN 65
1 IN 200
1 IN 275
JOINS MAP IL 09


ILLAWARRA LINE
09
JOINS MAP IL 08
JOINS MAP IL 10
SECTION : KOGARAH TO ALLAWAH
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 006 (SYDENHAM)
GRADIENT
1 IN 275
1 IN 73
1 IN 67
1 IN 79
1 IN 60
1 IN 73
1 IN 69
1 IN 60
1 IN 57
1 IN 60
KOGARAH
CARLTON
ALLAWAH
ST GEORGE HOSPITAL
SM 865 I AUTO 11.698 KM
SM 867 IL AUTO 11.698 KM
SM 868 I AUTO 11.880 KM
SM 870 IL AUTO 11.880 KM
SM 871 I AUTO 12.096 KM
SM 873 IL AUTO 12.096 KM
SM 874 I AUTO 12.276 KM
SM 876 IL AUTO 12.276 KM
SM 877 I AUTO 12.440 KM
SM 879 IL AUTO 12.440 KM
SM 880 I AUTO 12.649 KM
SM 882 IL AUTO 12.649 KM
SM 885 I AUTO 12.850 KM
SM 887 IL AUTO 12.850 KM
SM 889 I AUTO 13.179 KM
SM 891 IL AUTO 13.179 KM
SM 892 I AUTO 13.179 KM
SM 894 IL AUTO 13.179 KM
SM 895 I AUTO 13.467 KM
SM 897 IL AUTO 13.467 KM
SM 898 I AUTO 13.595 KM
SM 900 IL AUTO 13.595 KM
RAILWAY ST
RAILWAY PDE
POST OFFICE LN
KENSINGTON ST
GRAY ST
OCEAN ST
BROWNS RD
BLAKE ST
BELLEVUE ST
ENGLISH ST
HAMPTON COURT RD
BUCHANAN ST
JUBILEE AVE
WINCHESTER ST
GARFIELD ST
GARFIELD LN
CARNARVON ST
ANDOVER ST
HAMILTON ST
CARLTON PDE
KING ST
TAYLOR ST
GUINEA ST
KITCHENER ST
STUART ST
FERRY ST
UNION ST
UNION LN
PROSPECT ST
PROSPECT LN
HILL ST
HILL LN
EDGEHILL ST
WILLISON RD
GRANTHAM ST
BENT ST
ARGYLE ST
SHORT ST
MILL ST
HIGH ST
GREY ST
FLEET ST
XENIA AVE
BOTANY ST
CRONULLA LN
CRONULLA ST
LILLY LN
LILLY ST
ROBERTS LN
DURHAM ST
CUMBERLAND ST
DOWN ILLAWARRA LOCAL
UP ILLAWARRA LOCAL
DOWN ILLAWARRA
UP ILLAWARRA
1
2
3
4

JOINS MAP IL 09



SECTION : ALLAWAH TO HURSTVILLE
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 23 November 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 006 (SYDENHAM)

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

SPECIAL POINTS OF INTEREST

HURSTVILLE

WHEN TRAINS ARE STABLED AT HURSTVILLE, THE TRAIN CREW MUST ENSURE THAT THE TRAIN IS CLEAR OF No.986 CATCHPOINTS.

TWO WAY RUNNING IS PROVIDED FOR ON BOTH THE DOWN AND UP ILLAWARRA LINES BETWEEN HURSTVILLE AND OATLEY.

SIGNAL	DESTINATION	INDICATION
SM 909 I	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 911 IL	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA LOCAL (S)	DL
	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	UL

SIGNAL	DESTINATION	INDICATION
SM 921 UIL	DOWN ILLAWARRA LOCAL (S)	DL
	UP ILLAWARRA LOCAL	-
	UP ILLAWARRA LOCAL	UL

SIGNAL	DESTINATION	INDICATION
SM 929 UI	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 931 DIL	DOWN ILLAWARRA MAIN (M)	D
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	U
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 933 UIL	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	UL
	STABLING ROAD	SR

GRADIENT
1 IN 60
1 IN 138
1 IN 105
1 IN 120
LEVEL

JOINS MAP IL 11

JOINS MAP IL 10

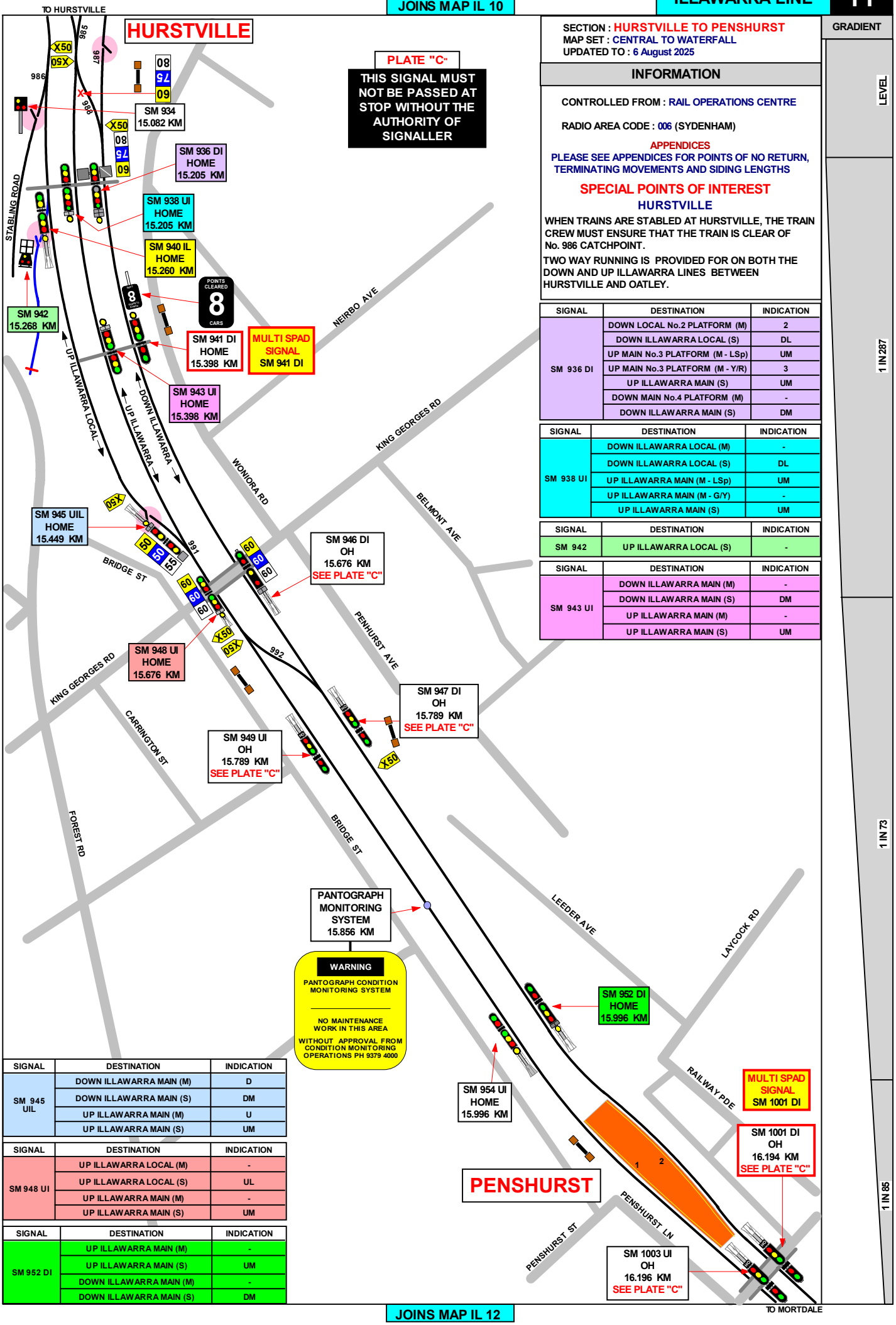


PLATE "C"

THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT THE AUTHORITY OF SIGNALLER

SECTION : HURSTVILLE TO PENSHURST
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 006 (SYDENHAM)

APPENDICES

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

SPECIAL POINTS OF INTEREST

HURSTVILLE

WHEN TRAINS ARE STABLED AT HURSTVILLE, THE TRAIN CREW MUST ENSURE THAT THE TRAIN IS CLEAR OF No. 986 CATCHPOINT.

TWO WAY RUNNING IS PROVIDED FOR ON BOTH THE DOWN AND UP ILLAWARRA LINES BETWEEN HURSTVILLE AND OATLEY.

SIGNAL	DESTINATION	INDICATION
SM 936 DI	DOWN LOCAL No.2 PLATFORM (M)	2
	DOWN ILLAWARRA LOCAL (S)	DL
	UP MAIN No.3 PLATFORM (M - LSp)	UM
	UP MAIN No.3 PLATFORM (M - Y/R)	3
	UP ILLAWARRA MAIN (S)	UM
	DOWN MAIN No.4 PLATFORM (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SM 938 UI	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA LOCAL (S)	DL
	UP ILLAWARRA MAIN (M - LSp)	UM
	UP ILLAWARRA MAIN (M - G/Y)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 942	UP ILLAWARRA LOCAL (S)	-

SIGNAL	DESTINATION	INDICATION
SM 943 UI	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 945 UIL	DOWN ILLAWARRA MAIN (M)	D
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	U
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 948 UI	UP ILLAWARRA LOCAL (M)	-
	UP ILLAWARRA LOCAL (S)	UL
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 952 DI	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

GRADIENT

LEVEL

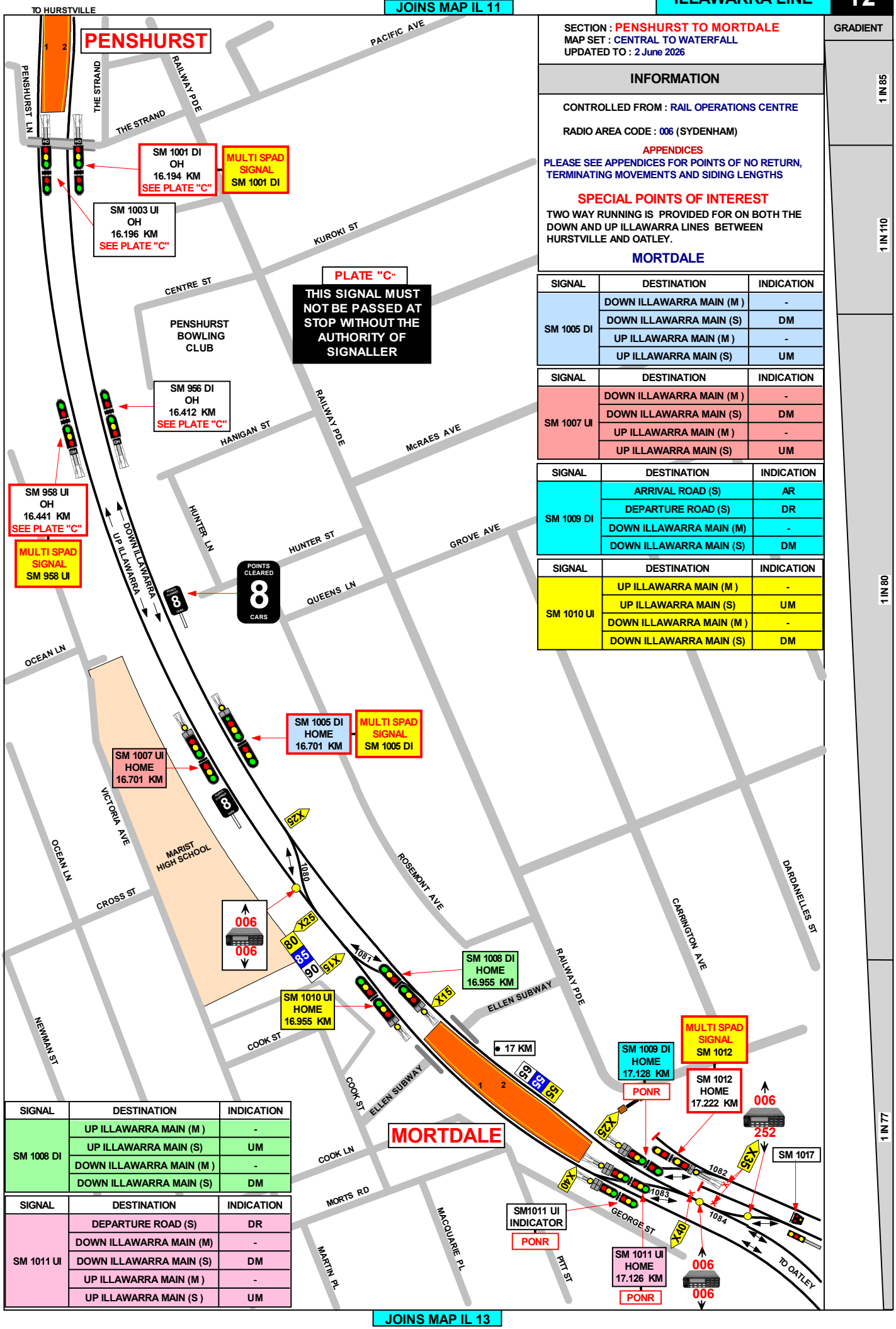
1 IN 287

1 IN 73

1 IN 85

JOINS MAP IL 12

JOINS MAP IL 11



SECTION : PENSHURST TO MORTDALE
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 2 June 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 006 (SYDENHAM)

APPENDICES

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

SPECIAL POINTS OF INTEREST

TWO WAY RUNNING IS PROVIDED FOR ON BOTH THE DOWN AND UP ILLAWARRA LINES BETWEEN HURSTVILLE AND OATLEY.

MORTDALE

SIGNAL	DESTINATION	INDICATION
SM 1005 DI	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 1007 UI	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 1009 DI	ARRIVAL ROAD (S)	AR
	DEPARTURE ROAD (S)	DR
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SM 1010 UI	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SM 1008 DI	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SM 1011 UI	DEPARTURE ROAD (S)	DR
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

GRADIENT

1 IN 85

1 IN 110

1 IN 80

1 IN 77

JOINS MAP IL 13

JOINS MAP IL 12

SECTION : MORTDALE TO OATLEY
MAP SET : CENTRAL TO WATERFALL
PAGE : 1 OF 2
UPDATED TO : 30 June 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 006 (SYDENHAM)
252 (MORTDALE M/C)
993 (MORTDALE M/C VOICE RECORDER)

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

NLA 404 HURSTVILLE
PLEASE SEE NLA 404 FOR SPECIAL INSTRUCTIONS

GRADIENT
1 IN 77
1 IN 292
1 IN 82
1 IN 80
1 IN 77
1 IN 75

MORTDALE
SM1011 UI INDICATOR
SM 1009 DI HOME 17.128 KM
PONR
SM 1012 HOME 17.222 KM
ARRIVAL ROAD SIGNAL
MULTI SPAD SIGNAL SM 1012
PONR
SM 1011 UI HOME 17.126 KM
SM 1014 HOME 17.311 KM
DEPARTURE ROAD SIGNAL
SM 1013 17.314 KM
006
006
252
SM 1017
SM 1015
MULTI SPAD SIGNAL SM 1015
SM 1014 CO-ACTING 17.311 KM
SM 1046 UI HOME 17.416 KM
SM 1044 DI HOME 17.416 KM
SM 1016
EVAC POINT
SM 1020
SM 1028
SM 1036
SM 1030
PROP UP STOP. DISPLAYED ONLY WHEN DERAILER AND CROWDER ARE IN OPERATION TO DERAIL THE TRAIN
SM 1051 UI OH 17.593 KM SEE PLATE "C"
MULTI SPAD SIGNAL SM 1049 DI
SM 1049 DI OH 17.593 KM SEE PLATE "C"
BOUNDARY RD
PLATE "C"
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT THE AUTHORITY OF SIGNALLER
SM 1052 DI OH 17.817 KM SEE PLATE "C"
SM 1054 UI OH 17.817 KM SEE PLATE "C"
ROAD 1 BOOM GATE
1 MID RD OHW PROTECTING SIGNAL
OHW STATUS IND.
POINTS CLEARED 8 CARS
SM 1057 UI HOME 18.010 KM
PONR
SM 1055 DI HOME 18.010 KM
SM 1058 DI HOME 18.186 KM
SM 1060 UI HOME 18.186 KM
YARD 13 SPEED
MORTDALE PUBLIC SCHOOL
AUSGRID
GEORGES RIVER COLLEGE
STOP DO NOT PROCEED UNTIL AUTHORISED
WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING
DOWN MAIN HALF PILOT STAFF
SM 1061 DI STARTING 18.371 KM
OATLEY
UP MAIN HALF PILOT STAFF
SM 1063 UI STARTING 18.371 KM
WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING
COLEBORNE AVE
NECK
GEORGE ST
PITT ST
THE STRAND
UP ILLAWARRA
DOWN ILLAWARRA
13 WASH ROAD
12 ELEVATED ROAD (BRAKE ROAD)
11 ELEVATED ROAD (BRAKE ROAD)
WASH PLANT
10 ROAD
9 ROAD
8 ROAD
7 ROAD
6 ROAD
5 ROAD
3 ROAD
2 ROAD
1 ROAD
LOOP ROAD
ADMIN BUILDING
EVAC POINT
BROOK ROAD
JUDD ST
HURSTVILLE RD
WONOONA PDE EAST
LETITIA ST
WARATAH ST
WORONORA PDE
OATLEY PDE
RIVER RD
DERAIL

SIGNAL	DESTINATION	INDICATION
SM 1055 DI & SM 1057 UI	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SM 1058 DI & SM 1060 UI	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

JOINS MAP IL 14

SECTION : MORTDALE TO OATLEY
MAP SET : BONDI TO WATERFALL
PAGE : 2 OF 2
UPDATED TO : 6 August 2025

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 006 (SYDENHAM)
252 (MORTDALE M/ C)
993 (MORTDALE M/C VOICE RECORDER)

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

NLA 404 HURSTVILLE
PLEASE SEE NLA 404 FOR SPECIAL INSTRUCTIONS

SPECIAL POINTS OF INTEREST

TWO WAY RUNNING IS PROVIDED FOR ON BOTH THE DOWN AND UP ILLAWARRA LINES BETWEEN HURSTVILLE AND OATLEY.

SIGNAL SM 1014 IS ON THE WRONG SIDE AND IS FOR THE DEPARTURE ROAD.

SIGNAL	DESTINATION	INDICATION
SM 1009 DI	ARRIVAL ROAD (S)	AR
	DEPARTURE ROAD (S)	DR
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SM 1014	UP ILLAWARRA MAIN (M)	U
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (M)	D
	DOWN ILLAWARRA MAIN (S)	DM
	SHUNTING NECK (S)	SN

SIGNAL	DESTINATION	INDICATION
SM 1011 UI	DEPARTURE ROAD (S)	DR
	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	UP ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM

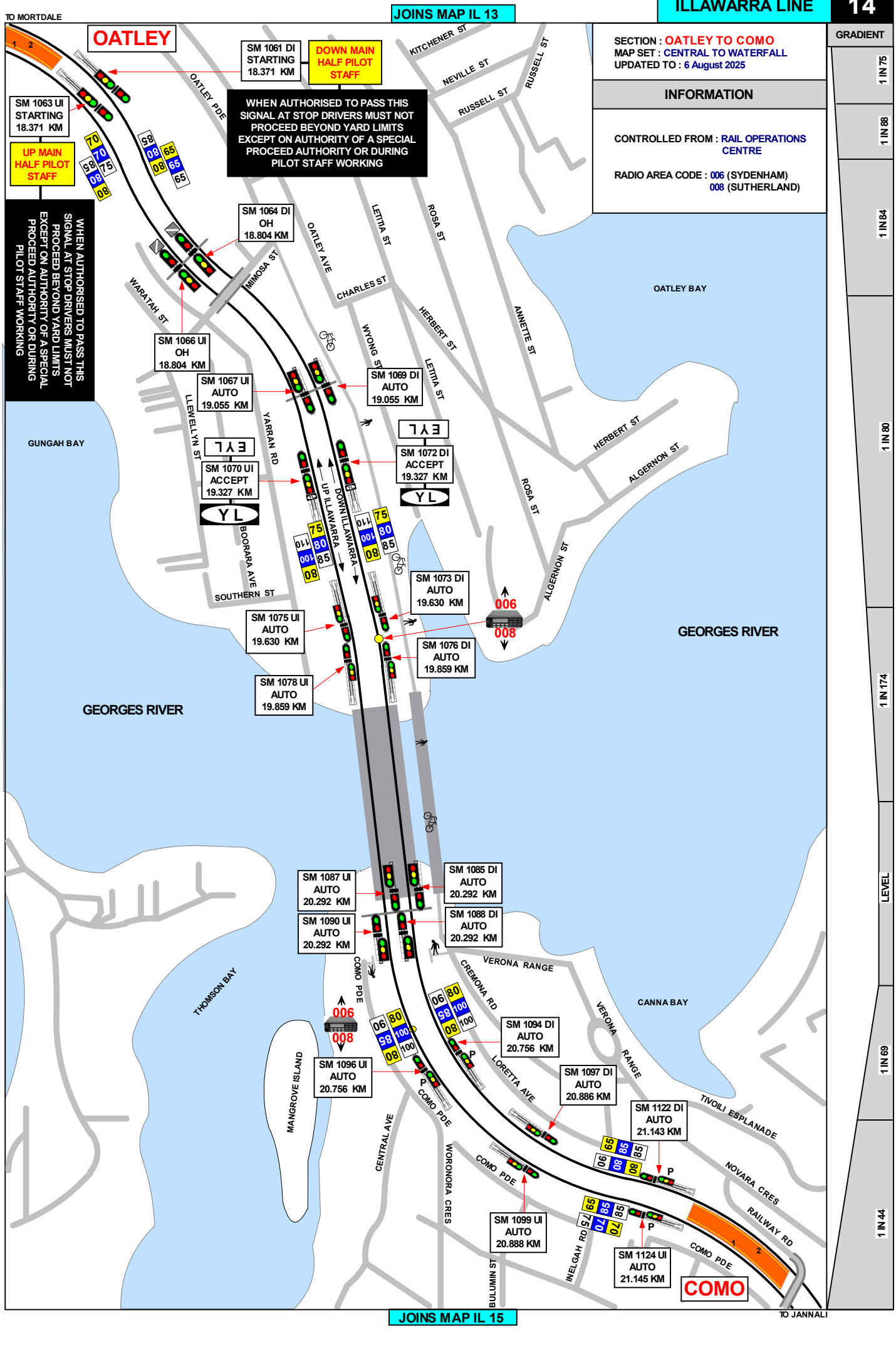
SIGNAL	DESTINATION	INDICATION
SM 1015	ELEVATED ROADS (S)	ER
	9 - 10 INSPECTION ROADS (S)	9 I
	7 - 8 INSPECTION ROADS (S)	7 I
	1 - 6 INSPECTION ROADS (S)	1 I

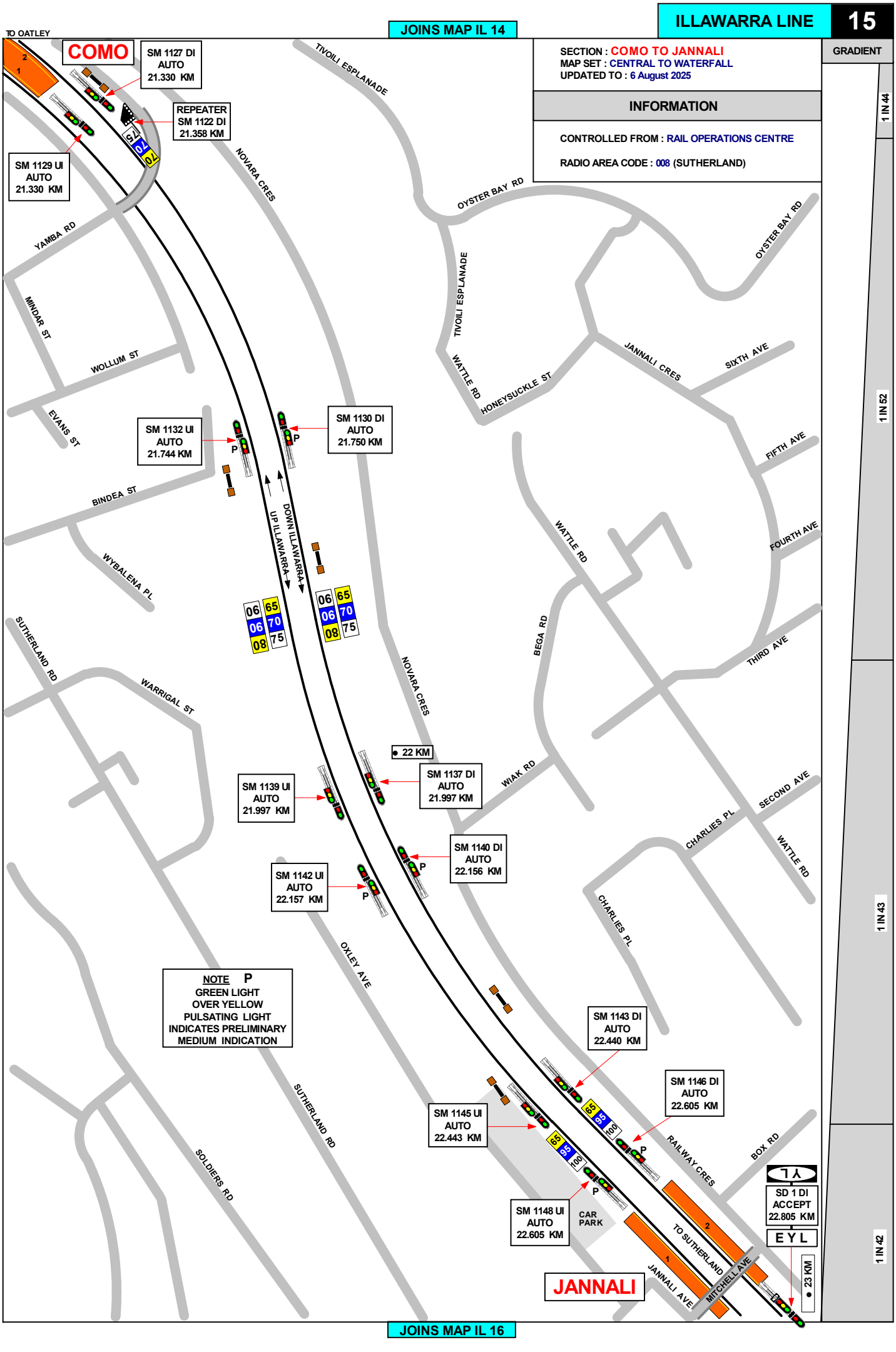
SIGNAL	DESTINATION	INDICATION
SM 1012	DOWN ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (S)	DM
	SHUNTING NECK (S)	SN

SIGNAL	DESTINATION	INDICATION
SM 1044	UP ILLAWARRA MAIN (M)	-
	DOWN ILLAWARRA MAIN (M)	-
	UP ILLAWARRA MAIN (S)	UM
	DOWN ILLAWARRA MAIN (S)	DM

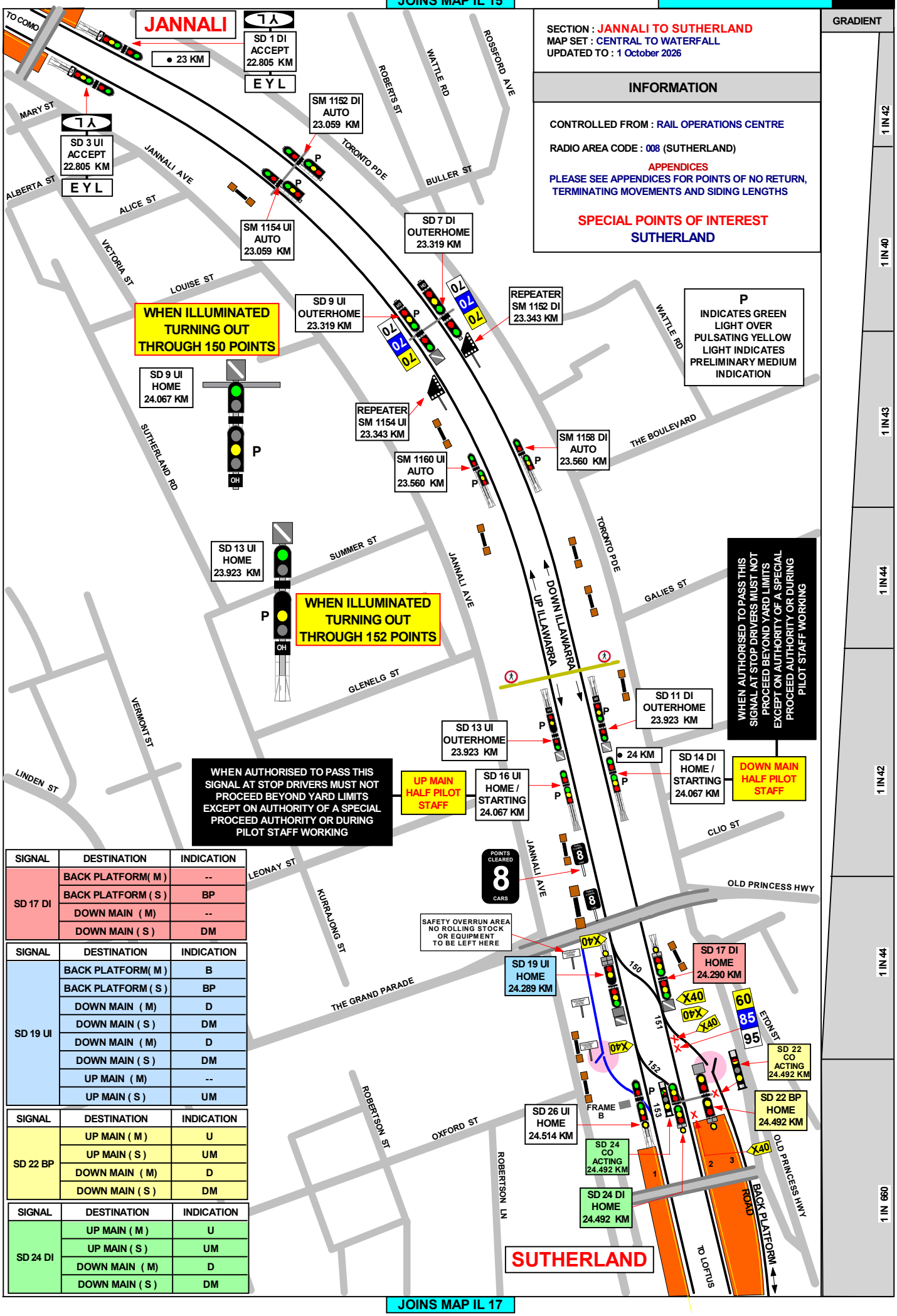
SIGNAL	DESTINATION	INDICATION
SM 1013	WASH PLANT (S)	WP
	ELEVATED ROADS (S)	ER
	INSPECTION ROAD (S)	IR

SIGNAL	DESTINATION	INDICATION
SM 1020 & SM 1028 & SM 1036 & SM 1030	DEPARTURE ROAD	DR
	ARRIVAL ROAD	AR


TO MORTDALE
JOINS MAP IL 13
OATLEY
SM 1061 DI STARTING 18.371 KM
DOWN MAIN HALF PILOT STAFF
WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING
SM 1063 UI STARTING 18.371 KM
UP MAIN HALF PILOT STAFF
WHEN AUTHORISED TO PASS THIS SIGNAL AT STOP DRIVERS MUST NOT PROCEED BEYOND YARD LIMITS EXCEPT ON AUTHORITY OF A SPECIAL PROCEED AUTHORITY OR DURING PILOT STAFF WORKING
SECTION : OATLEY TO COMO
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 006 (SYDENHAM) 008 (SUTHERLAND)
GRADIENT
1 IN 75
1 IN 88
1 IN 84
1 IN 80
1 IN 174
LEVEL
1 IN 69
1 IN 44
SM 1064 DI OH 18.804 KM
SM 1066 UI OH 18.804 KM
SM 1067 UI AUTO 19.055 KM
SM 1069 DI AUTO 19.055 KM
SM 1070 UI ACCEPT 19.327 KM
SM 1072 DI ACCEPT 19.327 KM
SM 1073 DI AUTO 19.630 KM
SM 1075 UI AUTO 19.630 KM
SM 1076 DI AUTO 19.859 KM
SM 1078 UI AUTO 19.859 KM
SM 1085 DI AUTO 20.292 KM
SM 1087 UI AUTO 20.292 KM
SM 1088 DI AUTO 20.292 KM
SM 1090 UI AUTO 20.292 KM
SM 1094 DI AUTO 20.756 KM
SM 1096 UI AUTO 20.756 KM
SM 1097 DI AUTO 20.886 KM
SM 1099 UI AUTO 20.888 KM
SM 1122 DI AUTO 21.143 KM
SM 1124 UI AUTO 21.145 KM
OATLEY PDE
KITCHENER ST
NEVILLE ST
RUSSELL ST
LETITIA ST
ROSA ST
OATLEY AVE
CHARLES ST
IMMOSA ST
WARATAH ST
WYONG ST
HERBERT ST
ANNETTE ST
OATLEY BAY
GUNGAH BAY
LLEWELLYN ST
YARRAN RD
BOORARA AVE
SOUTHERN ST
UP ILLAWARRA
DOWN ILLAWARRA
ALGERNON ST
GEORGES RIVER
THOMSON BAY
MANGROVE ISLAND
COMO PDE
CREMONA RD
VERONA RANGE
CANNA BAY
LORETTA AVE
CENTRAL AVE
WORONORA CRES
TIVOLI ESPLANADE
NOVARA CRES
RAILWAY RD
INELGAH RD
BULUMIN ST
COMO
TO JANNALI
JOINS MAP IL 15


ILLAWARRA LINE
15
JOINS MAP IL 14
TO OATLEY
COMO
SM 1127 DI
AUTO
21.330 KM
REPEATER
SM 1122 DI
21.358 KM
SM 1129 UI
AUTO
21.330 KM
SECTION : COMO TO JANNALI
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 008 (SUTHERLAND)
GRADIENT
1 IN 44
1 IN 52
1 IN 43
1 IN 42
TIVOLI ESPLANADE
NOVARA CRES
OYSTER BAY RD
YAMBA RD
MINDAR ST
WOLLUM ST
EVANS ST
BINDEA ST
WYBALENA PL
SUTHERLAND RD
WARRIGAL ST
SOLDIERS RD
WATTLE RD
HONEYSUCKLE ST
JANNALI CRES
SIXTH AVE
FIFTH AVE
FOURTH AVE
THIRD AVE
SECOND AVE
BEGA RD
WIAK RD
CHARLIES PL
OXLEY AVE
BOX RD
RAILWAY CRES
MITCHELL AVE
JANNALI AVE
TO SUTHERLAND
SM 1132 UI
AUTO
21.744 KM
SM 1130 DI
AUTO
21.750 KM
UP ILLAWARRA
DOWN ILLAWARRA
22 KM
SM 1139 UI
AUTO
21.997 KM
SM 1137 DI
AUTO
21.997 KM
SM 1140 DI
AUTO
22.156 KM
SM 1142 UI
AUTO
22.157 KM
NOTE P
GREEN LIGHT
OVER YELLOW
PULSATING LIGHT
INDICATES PRELIMINARY
MEDIUM INDICATION
SM 1143 DI
AUTO
22.440 KM
SM 1146 DI
AUTO
22.605 KM
SM 1145 UI
AUTO
22.443 KM
SM 1148 UI
AUTO
22.605 KM
CAR
PARK
SD 1 DI
ACCEPT
22.805 KM
EYL
23 KM
JANNALI
JOINS MAP IL 16

JOINS MAP IL 15



SECTION : JANNALI TO SUTHERLAND
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 1 October 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 008 (SUTHERLAND)

APPENDICES

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

SPECIAL POINTS OF INTEREST

SUTHERLAND

GRADIENT

1 IN 42
1 IN 40
1 IN 43
1 IN 44
1 IN 42
1 IN 44
1 IN 660

SIGNAL	DESTINATION	INDICATION
SD 17 DI	BACK PLATFORM(M)	--
	BACK PLATFORM (S)	BP
	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM

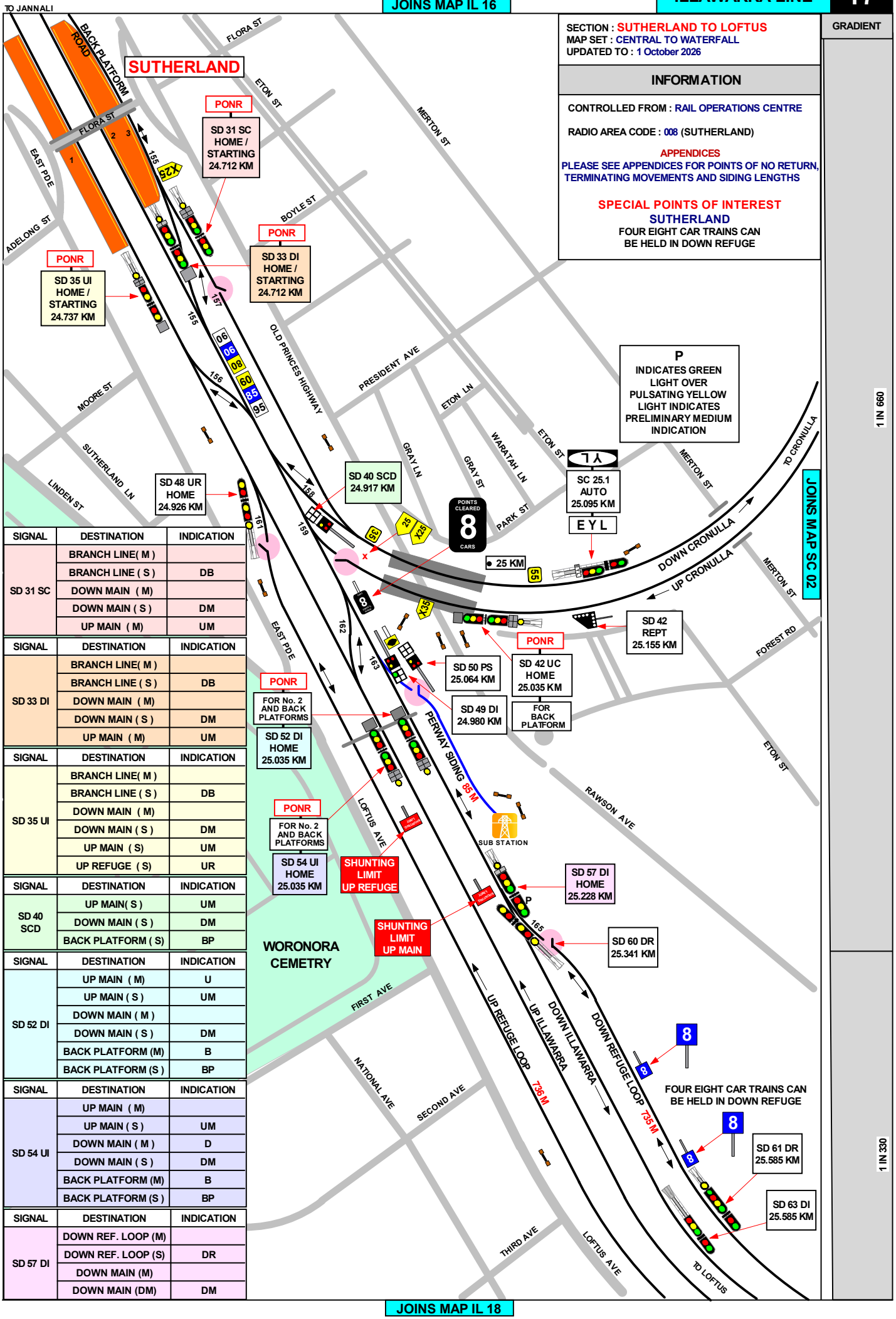
SIGNAL	DESTINATION	INDICATION
SD 19 UI	BACK PLATFORM(M)	B
	BACK PLATFORM (S)	BP
	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM
	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM
	UP MAIN (M)	--
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
SD 22 BP	UP MAIN (M)	U
	UP MAIN (S)	UM
	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
SD 24 DI	UP MAIN (M)	U
	UP MAIN (S)	UM
	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM

JOINS MAP IL 17

JOINS MAP IL 16



SECTION : SUTHERLAND TO LOFTUS
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 1 October 2026

GRADIENT

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 008 (SUTHERLAND)

APPENDICES

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

SPECIAL POINTS OF INTEREST

SUTHERLAND

FOUR EIGHT CAR TRAINS CAN BE HELD IN DOWN REFUGE

SIGNAL	DESTINATION	INDICATION
SD 31 SC	BRANCH LINE(M)	
	BRANCH LINE (S)	DB
	DOWN MAIN (M)	
	DOWN MAIN (S)	DM
	UP MAIN (M)	UM

SIGNAL	DESTINATION	INDICATION
SD 33 DI	BRANCH LINE(M)	
	BRANCH LINE (S)	DB
	DOWN MAIN (M)	
	DOWN MAIN (S)	DM
	UP MAIN (M)	UM

SIGNAL	DESTINATION	INDICATION
SD 35 UI	BRANCH LINE(M)	
	BRANCH LINE (S)	DB
	DOWN MAIN (M)	
	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
	UP REFUGE (S)	UR

SIGNAL	DESTINATION	INDICATION
SD 40 SCD	UP MAIN(S)	UM
	DOWN MAIN (S)	DM
	BACK PLATFORM (S)	BP

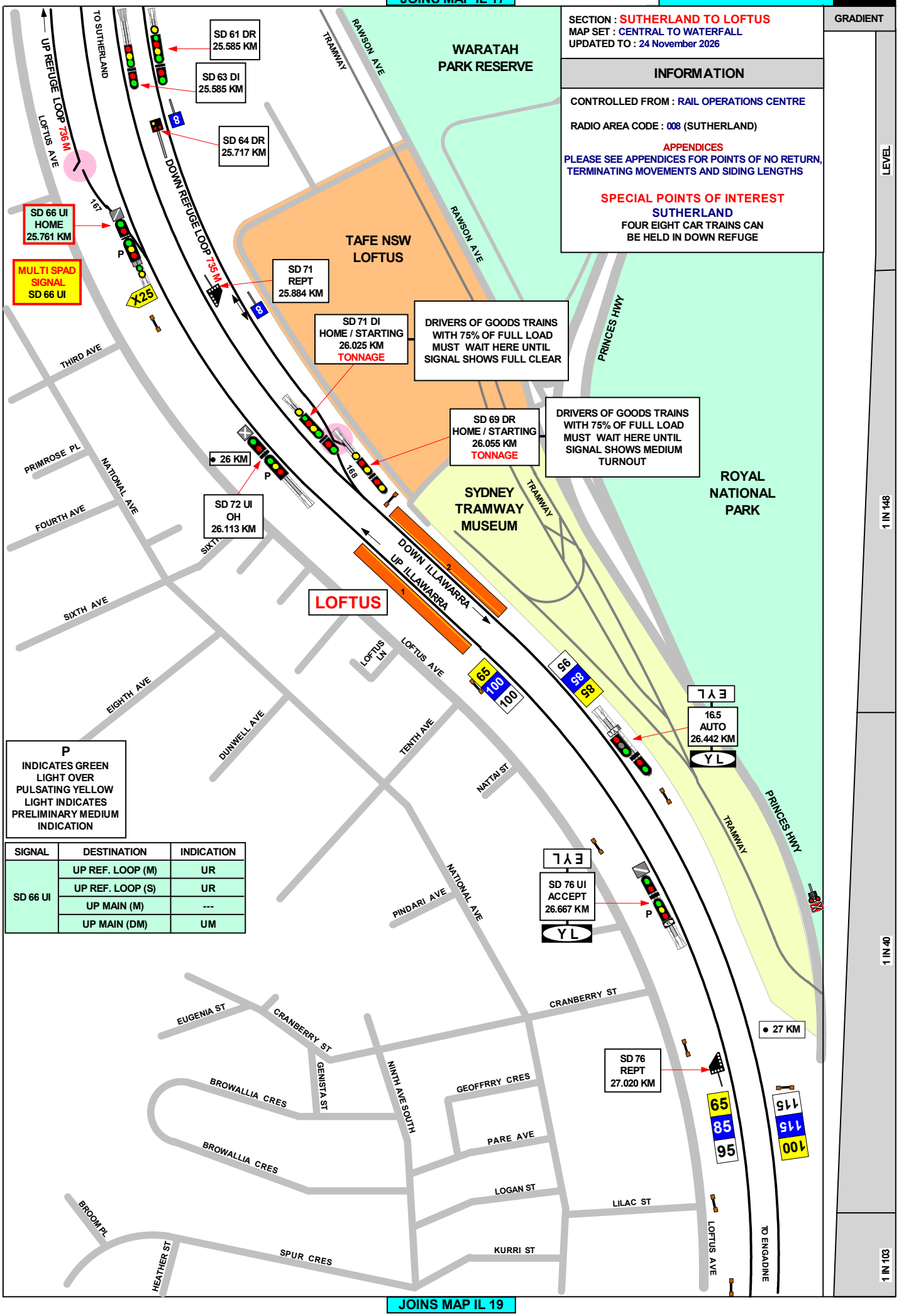
SIGNAL	DESTINATION	INDICATION
SD 52 DI	UP MAIN (M)	U
	UP MAIN (S)	UM
	DOWN MAIN (M)	
	DOWN MAIN (S)	DM
	BACK PLATFORM (M)	B
	BACK PLATFORM (S)	BP

SIGNAL	DESTINATION	INDICATION
SD 54 UI	UP MAIN (M)	
	UP MAIN (S)	UM
	DOWN MAIN (M)	D
	DOWN MAIN (S)	DM
	BACK PLATFORM (M)	B
	BACK PLATFORM (S)	BP

SIGNAL	DESTINATION	INDICATION
SD 57 DI	DOWN REF. LOOP (M)	
	DOWN REF. LOOP (S)	DR
	DOWN MAIN (M)	
	DOWN MAIN (DM)	DM

JOINS MAP IL 18

JOINS MAP IL 17



JOINS MAP IL 19

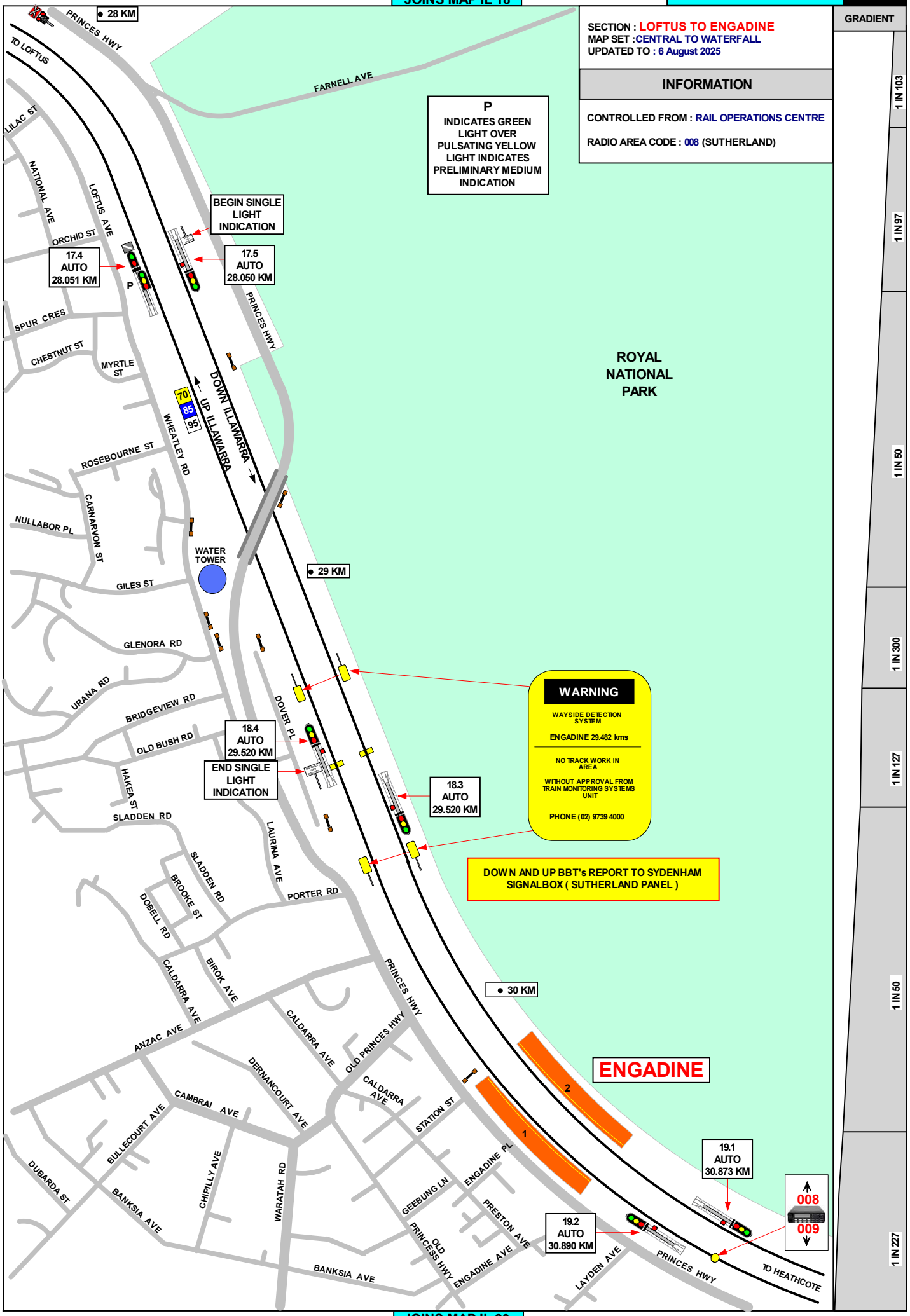
JOINS MAP IL 18

SECTION : LOFTUS TO ENGADINE
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025

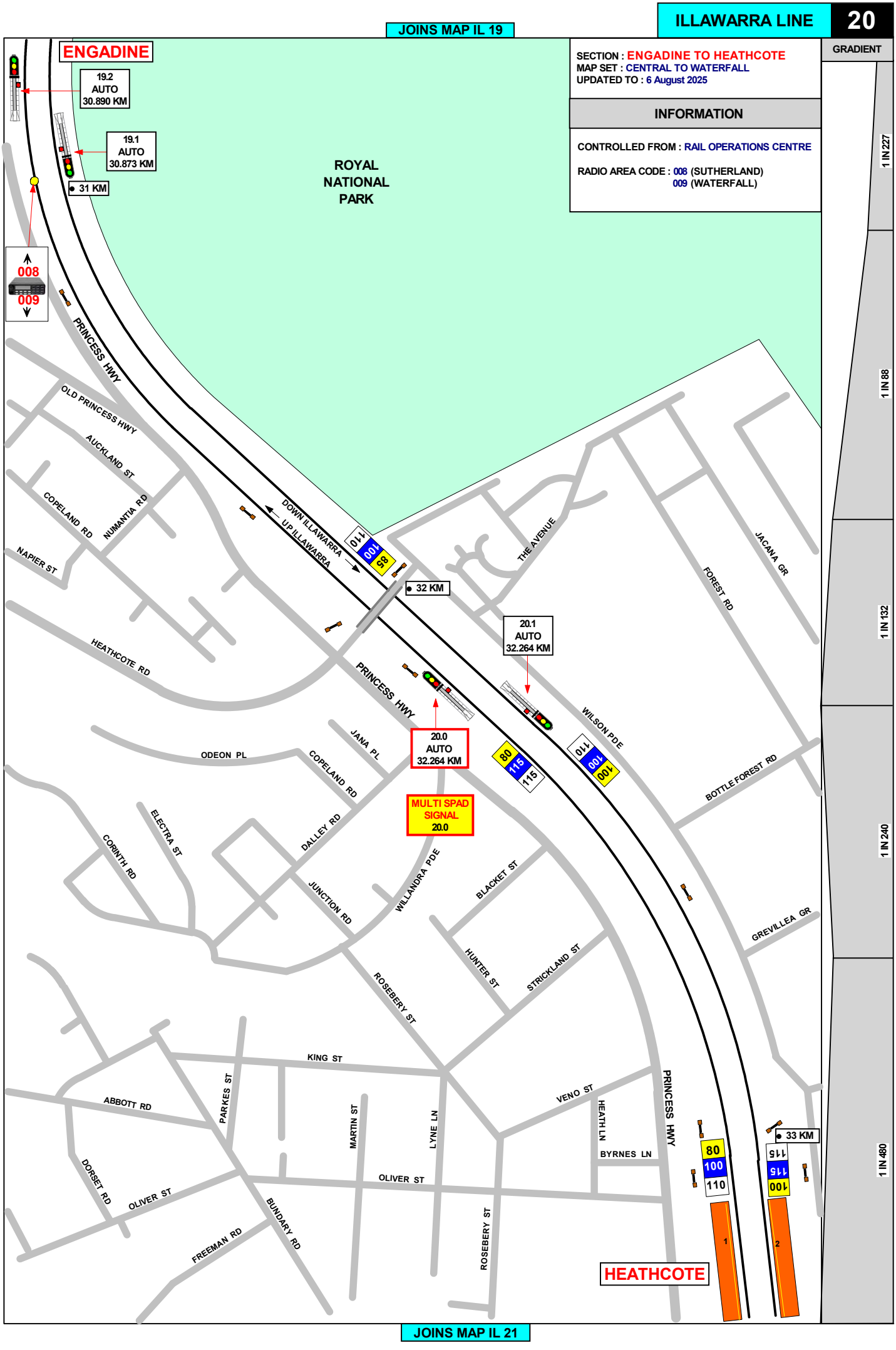
INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 008 (SUTHERLAND)



JOINS MAP IL 20


ILLAWARRA LINE
20
JOINS MAP IL 19
ENGADINE
19.2
AUTO
30.890 KM
19.1
AUTO
30.873 KM
31 KM
ROYAL
NATIONAL
PARK
SECTION : ENGADINE TO HEATHCOTE
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025
INFORMATION
CONTROLLED FROM : RAIL OPERATIONS CENTRE
RADIO AREA CODE : 008 (SUTHERLAND)
009 (WATERFALL)
GRADIENT
1 IN 227
1 IN 88
1 IN 132
1 IN 240
1 IN 480
008
009
PRINCESS HWY
OLD PRINCESS HWY
AUCKLAND ST
COPELAND RD
NUMANTIA RD
NAPIER ST
HEATHCOTE RD
DOWN ILLAWARRA
UP ILLAWARRA
110
100
85
32 KM
THE AVENUE
FOREST RD
JACANA GR
20.1
AUTO
32.264 KM
WILSON PDE
110
100
80
115
115
20.0
AUTO
32.264 KM
MULTI SPAD
SIGNAL
20.0
ODEON PL
JANA PL
COPELAND RD
DALLEY RD
ELECTRA ST
CORINTH RD
JUNCTION RD
WILLANDRA PDE
BLACKET ST
HUNTER ST
STRICKLAND ST
ROSEBERY ST
BOTTLE FOREST RD
GREVILLEA GR
KING ST
ABBOTT RD
PARKES ST
MARTIN ST
LYNE LN
VENO ST
HEATH LN
BYRNES LN
PRINCESS HWY
OLIVER ST
DORSET RD
OLIVER ST
FREEMAN RD
BUNDARY RD
ROSEBERY ST
80
100
110
115
115
100
33 KM
1
2
HEATHCOTE
JOINS MAP IL 21

JOINS MAP IL 20

SECTION : HEATHCOTE TO WATERFALL
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 009 (WATERFALL)

GRADIENT

1 IN 480

1 IN 100

1 IN 76

LEVEL

1 IN 90

TO HEATHCOTE

20.8 AUTO 33.424 KM

20.7 AUTO 33.424 KM

CARAVAN PARK

CARPARK

PRINCES HWY

HEATHCOTE SUB STATION

34 KM

ROYAL NATIONAL PARK

PATTERSON RD

CARAVAN RD

BURNS RD

BURNS RD

21.6 AUTO 34.925 KM

DOWN ILLAWARRA

UP ILLAWARRA

WL 1 ACCEPT 34.925 KM

EYL

SIGNAL	DESTINATION	INDICATION
WL 3	DOWN REFUGE (M)	
	DOWN ILLAWARRA (M)	-
	UP ILLAWARRA (M)	
	DOWN REFUGE (S)	DR
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

HEATHCOTE NATIONAL PARK

36 KM

22.6 AUTO 36.334 KM

EYL

95

95

70

WL 3 HOME 36.650 KM

PRINCES HWY

X50

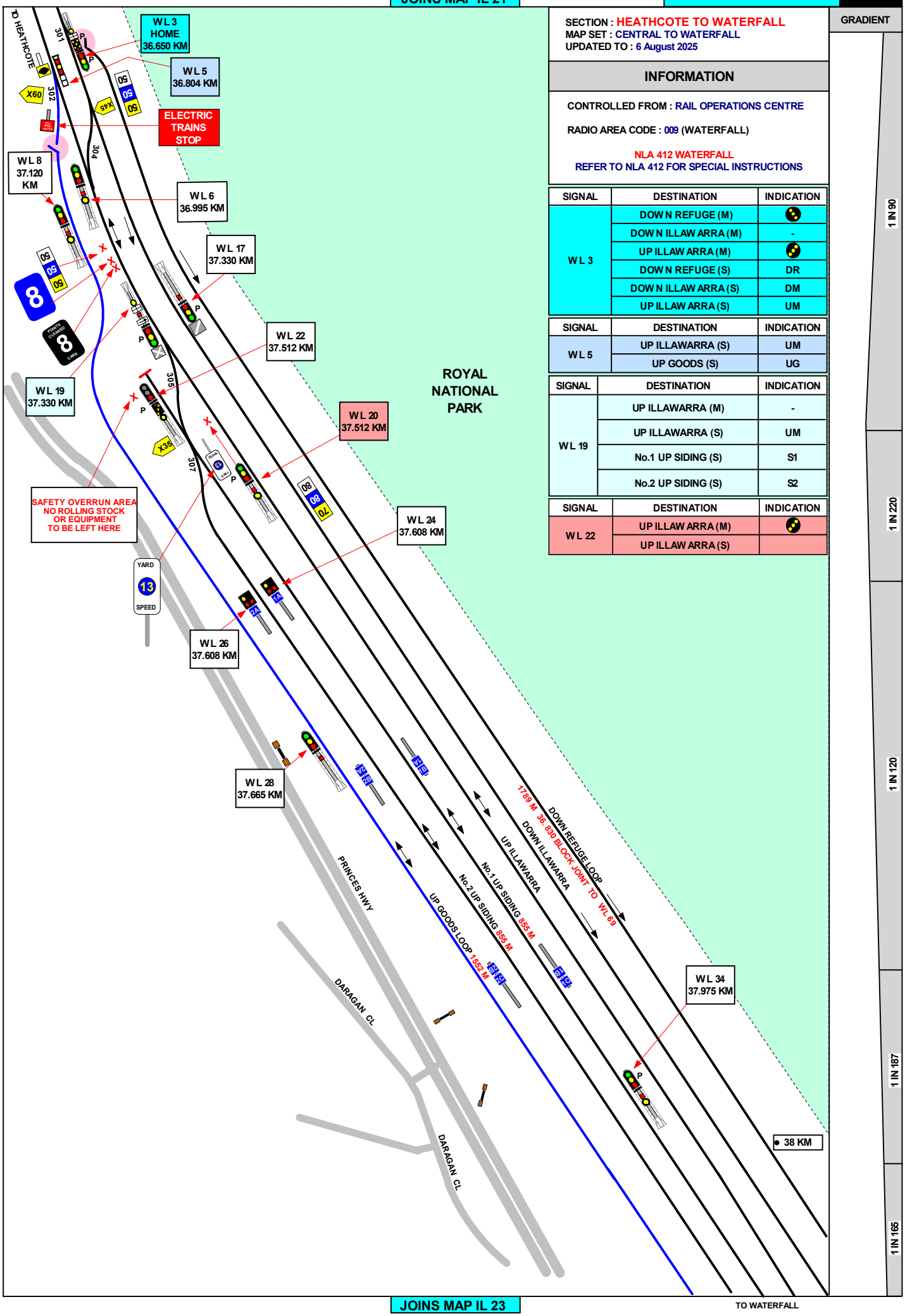
301

TO WATERFALL

302

JOINS MAP IL 22

JOINS MAP IL 21



SECTION : HEATHCOTE TO WATERFALL
MAP SET : CENTRAL TO WATERFALL
UPDATED TO : 6 August 2025

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 009 (WATERFALL)

NLA 412 WATERFALL
REFER TO NLA 412 FOR SPECIAL INSTRUCTIONS

SIGNAL	DESTINATION	INDICATION
WL 3	DOWN REFUGE (M)	
	DOWN ILLAWARRA (M)	-
	UP ILLAWARRA (M)	
	DOWN REFUGE (S)	DR
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 5	UP ILLAWARRA (S)	UM
	UP GOODS (S)	UG

SIGNAL	DESTINATION	INDICATION
WL 19	UP ILLAWARRA (M)	-
	UP ILLAWARRA (S)	UM
	No.1 UP SIDING (S)	S1
	No.2 UP SIDING (S)	S2

SIGNAL	DESTINATION	INDICATION
WL 22	UP ILLAWARRA (M)	
	UP ILLAWARRA (S)	

GRADIENT

1 IN 90
1 IN 220
1 IN 120
1 IN 187
1 IN 165

JOINS MAP IL 23

JOINS MAP IL 22

SECTION : HEATHCOTE TO WATERFALL
MAP SET CENTRAL TO NOWRA
PAGE : 1 OF 3
UPDATED TO : 03 March 2026

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 009

METHOD OF WORKING : RAIL VEHICLE DETECTION SYSTEM

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

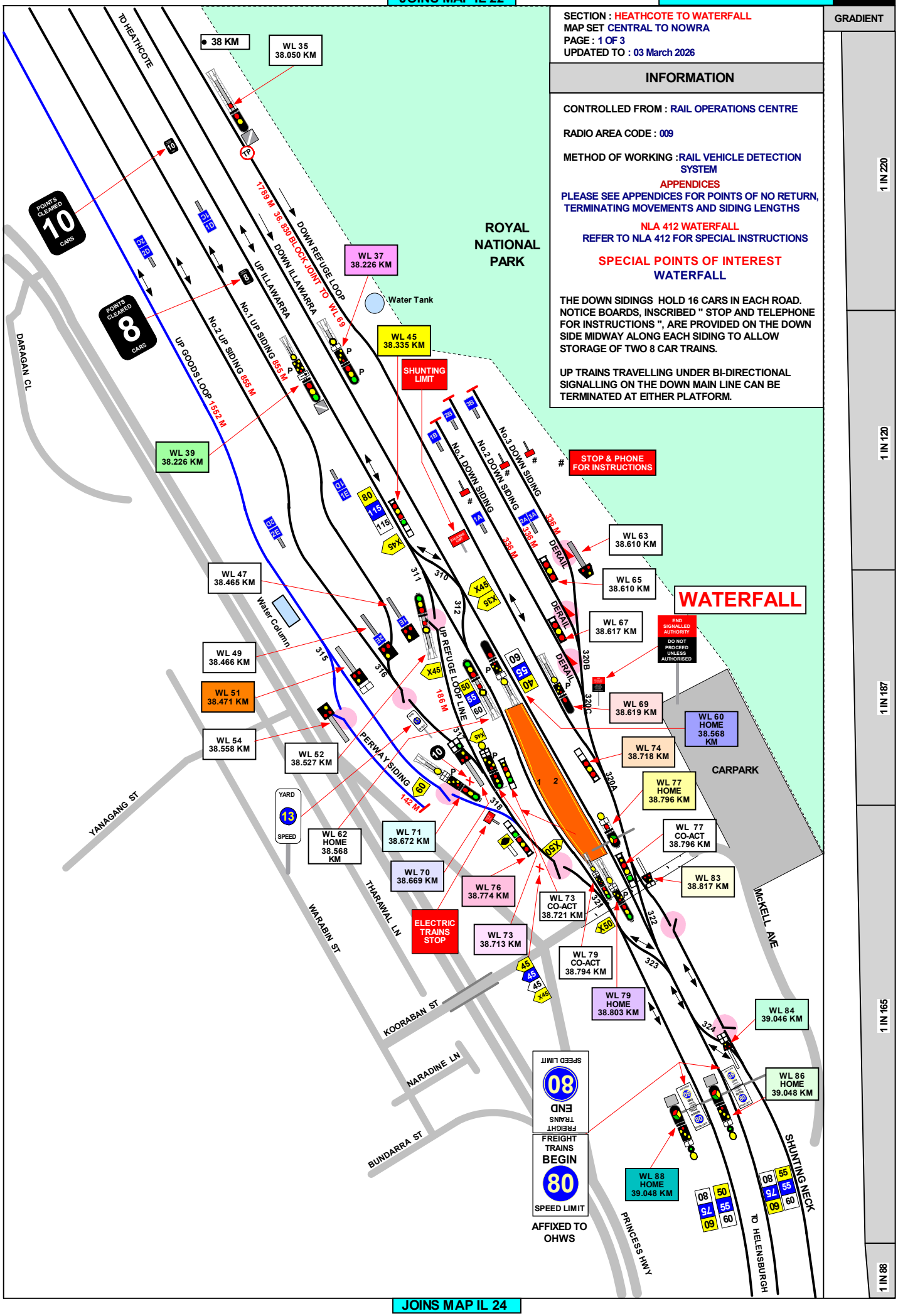
NLA 412 WATERFALL
REFER TO NLA 412 FOR SPECIAL INSTRUCTIONS

SPECIAL POINTS OF INTEREST
WATERFALL

THE DOWN SIDINGS HOLD 16 CARS IN EACH ROAD. NOTICE BOARDS, INSCRIBED " STOP AND TELEPHONE FOR INSTRUCTIONS ", ARE PROVIDED ON THE DOWN SIDE MIDWAY ALONG EACH SIDING TO ALLOW STORAGE OF TWO 8 CAR TRAINS.

UP TRAINS TRAVELLING UNDER BI-DIRECTIONAL SIGNALLING ON THE DOWN MAIN LINE CAN BE TERMINATED AT EITHER PLATFORM.

GRADIENT
1 IN 220
1 IN 120
1 IN 187
1 IN 165
1 IN 88



JOINS MAP IL 24

JOINS MAP IL 22

SECTION : HEATHCOTE TO WATERFALL
MAP SET CENTRAL TO NOWRA
PAGE : 2 OF 3
UPDATED TO : 16 September 2025

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 009

METHOD OF WORKING :RAIL VEHICLE DETECTION SYSTEM

APPENDICES
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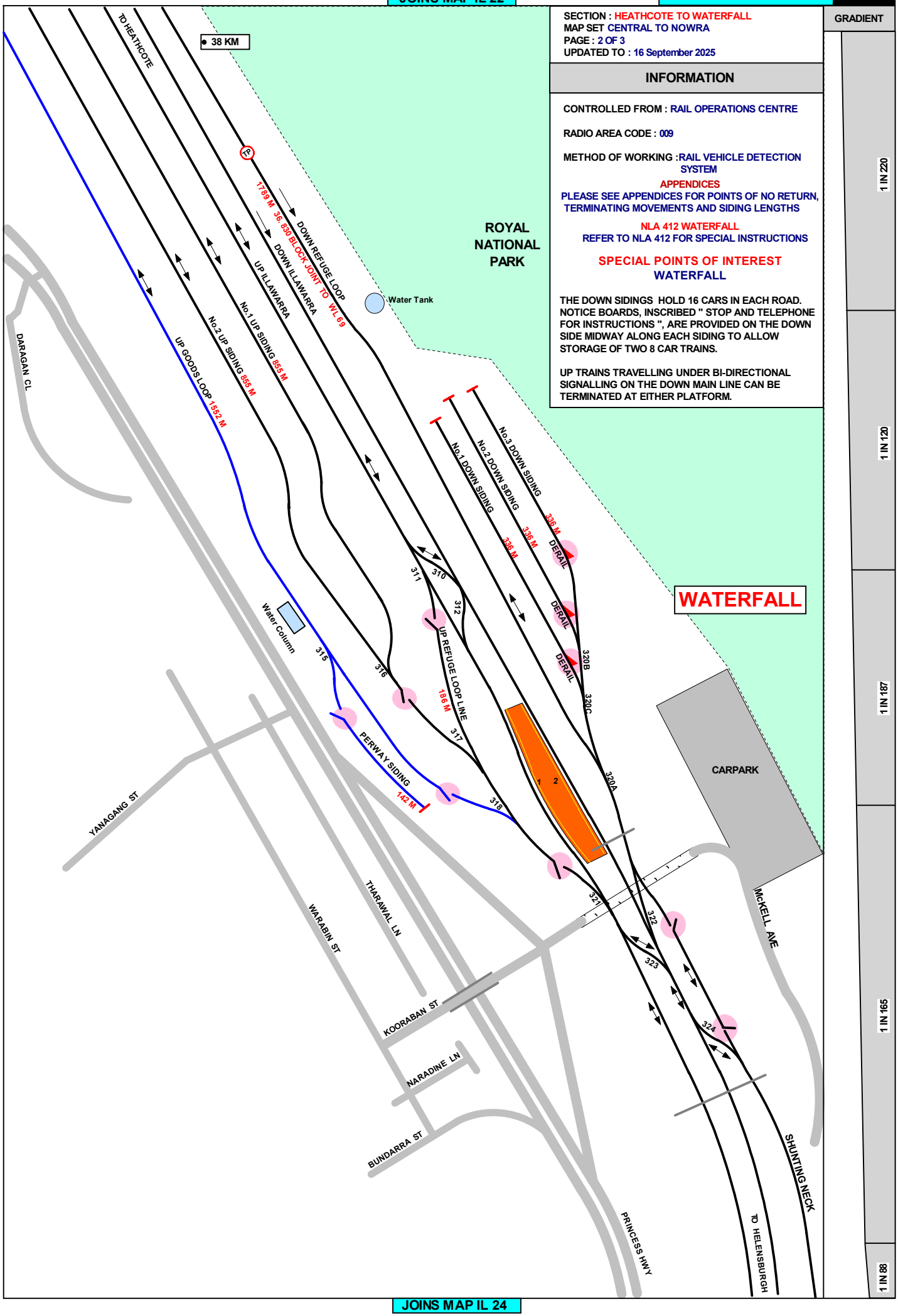

JOINS MAP IL 24

SECTION : HEATHCOTE TO WATERFALL
MAP SET : CENTRAL TO WATERFALL
PAGE : 3 OF 3
UPDATED TO : 16 September 2025

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

NLA 412 WATERFALL
REFER TO NLA 412 FOR SPECIAL INSTRUCTIONS

SIGNAL	DESTINATION	INDICATION
WL 37	DOWN ILLAWARRA MAIN (M)	
	UP ILLAWARRA (M)	
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 39	DOWN ILLAWARRA (M)	
	UP ILLAWARRA (M)	
	UP REFUGE (M)	
	UP ILLAWARRA (S)	

SIGNAL	DESTINATION	INDICATION
WL 45	DOWN ILLAWARRA (S)	DM
	UP MAIN (S)	UM
		- GREEN LIGHT
	UP REFUGE (S)	UR

SIGNAL	DESTINATION	INDICATION
WL 51	UP GOODS (S)	UG
	PERWAY SIDING (S)	PS

SIGNAL	DESTINATION	INDICATION
WL 60	UP ILLAWARRA (M)	
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 69	DOWN ILLAWARRA (M)	
	DOWN REFUGE (S)	

SIGNAL	DESTINATION	INDICATION
WL 70	No.2 UP SIDING (S)	S2
	No.1 UP SIDING (S)	S1
	UP REFUGE (S)	UR
		GREEN LIGHT

SIGNAL	DESTINATION	INDICATION
WL 71	DOWN ILLAWARRA (M)	
	UP ILLAWARRA (M)	
	SHUNTING NECK (S)	S
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 73	DOWN ILLAWARRA (M)	
	UP ILLAWARRA (M)	
	SHUNTING NECK (S)	S
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 74	DOWN REFUGE (S)	DR
	DOWN SIDING (S)	DS

SIGNAL	DESTINATION	INDICATION
WL 76	UP GOODS	UG
	UP REFUGE (S)	UR
		GREEN LIGHT

SIGNAL	DESTINATION	INDICATION
WL 77	DOWN ILLAWARRA (M)	-
	SHUNTING NECK (S)	S
	DOWN ILLAWARRA (S)	DM

SIGNAL	DESTINATION	INDICATION
WL 79	DOWN ILLAWARRA (M)	
	UP ILLAWARRA (M)	
	SHUNTING NECK (S)	S
	DOWN ILLAWARRA (S)	DM
	UP ILLAWARRA (S)	UM

SIGNAL	DESTINATION	INDICATION
WL 83	SHUNTING NECK (S)	S
	DOWN ILLAWARRA (S)	DM

SIGNAL	DESTINATION	INDICATION
WL 84	UP REFUGE (S)	UR
	UP ILLAWARRA (S)	UM
	DOWN ILLAWARRA (S)	DM
	DOWN REFUGE (S)	DR

SIGNAL	DESTINATION	INDICATION
WL 86	UP GOODS LOOP (M)	+ G
	UP REFUGE (M) LSp	UR
	UP REFUGE (M)	+ R
	UP ILLAWARRA (M)	+ U
	DOWN ILLAWARRA (M)	-
	UP REFUGE (S)	UR
	UP ILLAWARRA (S)	UM
	DOWN ILLAWARRA (S)	DM
	DOWN REFUGE (S)	DR

SIGNAL	DESTINATION	INDICATION
WL 88	UP GOODS LOOP (M)	+ G
	UP REFUGE (M) LSp	UR
	UP REFUGE (M)	+ R
	UP ILLAWARRA (M)	-
	UP REFUGE (S)	UR
	UP ILLAWARRA (S)	UM