

# DRIVERS ROUTE KNOWLEDGE DIAGRAMS

## MAIN SOUTH LINE

CENTRAL  
REDFERN  
MACDONALDTOWN  
NEWTOWN  
STANMORE  
PETERSHAM  
LEWISHAM  
SUMMER HILL  
ASHFIELD  
CROYDON  
BURWOOD  
STRATHFIELD  
HOMEBUSH  
FLEMINGTON  
LIDCOMBE  
BERALA  
REGENTS PARK  
SEFTON  
CHESTER HILL  
LEIGHTONFIELD  
VILLAWOOD  
CARRAMAR  
CABRAMATTA  
WARWICK FARM  
LIVERPOOL  
CASULA  
GLENFIELD  
MACQUARIE FIELDS  
INGLEBURN  
MINTO  
LEUMEAH  
CAMPBELLTOWN  
MACARTHUR

**Effective Date:** June 2024

**Version:** 5.77

### 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.

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**Location:** CM Record No.D2015/574

SECTION : CENTRAL TO REDFERN  
MAP SET : CENTRAL TO MACARTHUR  
PAGE : 1 OF 4  
UPDATED TO : 29 May 2024

CENTRAL

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

MULTI SPAD SIGNAL  
SY 391 IL

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

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

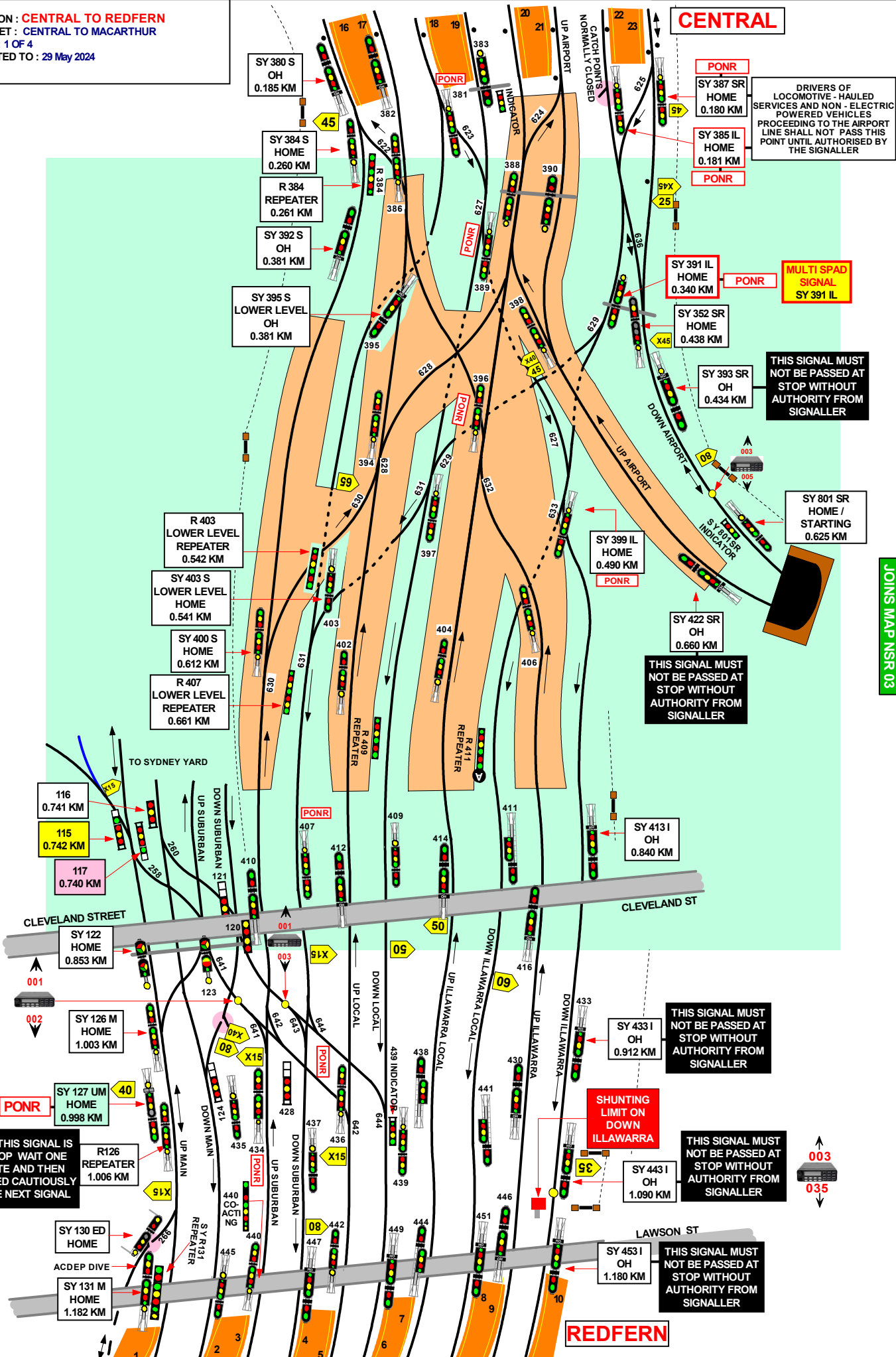
THIS SIGNAL MUST NOT BE PASSED AT STOP WITHOUT AUTHORITY FROM SIGNALLER

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

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

REDFERN

JOINS MAP NSR 03



WHEN THIS SIGNAL IS AT STOP WAIT ONE MINUTE AND THEN PROCEED CAUTIOUSLY TO THE NEXT SIGNAL

SHUNTING LIMIT ON DOWN ILLAWARRA



**PONR  
POINTS OF NO RETURN**

SIGNAL No.	LOCATION	DESTINATION
SY 387 SR	COUNTRY END OF NUMBER 23 PLATFORM	ALL DOWN LINES INCLUDING THE DOWN AIRPORT LINE
SY 385 IL	COUNTRY END OF NUMBER 22 PLATFORM	DOWN AIRPORT LINE
SY 391 IL	APPROX 160 METRES COUNTRY SIDE OF 22 PLATFORM	ALL DOWN LINES EXCEPT THE DOWN AIRPORT LINE
SY 381 S	DOWN SUBURBAN COUNTRY END OF NUMBER 18 PLATFORM	EVELEIGH PRESENTATION CENTRE
SY 389 L	143 METRES BEYOND THE COUNTRY END OF 19 PLATFORM AT 0.325 KM	EVELEIGH PRESENTATION CENTRE
SY 407 S	DOWN SUBURBAN LINE PRIOR TO THE CLEVELAND STREET OVERBRIDGE AT 0.764 KM	ILLAWARRA LINES
SY 436 L	ON THE UP LOCAL LINE BETWEEN REDFERN AND THE CLEVELAND STREET OVERBRIDGE AT 1.040 KM	SYDNEY YARD
SY 434 S	ON THE UP SUBURBAN LINE BETWEEN REDFERN AND THE CLEVELAND STREET OVERBRIDGE AT 1.020 KM	SYDNEY YARD
SY 396 IL	ON THE TOP OF THE UP ILLAWARRA LOCAL FLYOVER AT 0.480 KM	NORTH SHORE LINES
SY 399 IL	ON THE DOWN ILLAWARRA LOCAL LINE BELOW THE FLYOVERS AT 0.490 KM	EVELEIGH PRESENTATION CENTRE
SY 127	DOWN FACING SIGNAL ON THE UP MAIN LINE AT 0.998 KM	EVELEIGH ENGINE DIVE OR REDFERN PLATFORM 1

SECTION : **CENTRAL TO REDFERN**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE : 2 OF 4  
 UPDATED TO : 18 July 2023

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

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

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



**SIGNAL SY 389 L**



**SIGNAL SY 407 S**



**SIGNAL SY 436 L**

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 390 I HOME 0.280 KM	SY 385 IL HOME 0.181 KM	SY 387 I HOME 0.180 KM	SY 391 IL HOME 0.270 KM
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SY 395 S OH 0.381 KM	SY 394 L HOME 0.470 KM	SY 397 L HOME 0.491 KM	SY 396 IL HOME 0.480 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
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SY 400 S HOME 0.612 KM	SY R407 REPEATER 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
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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
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SY 127 HOME 0.990 KM	SY 126 M HOME 1.004 KM	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
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SY 130 ED HOME 0.?? 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
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SIGNAL	DESTINATION	INDICATION
SY 436 L	UP MAIN	M
	UP SUBURBAN	Y

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

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

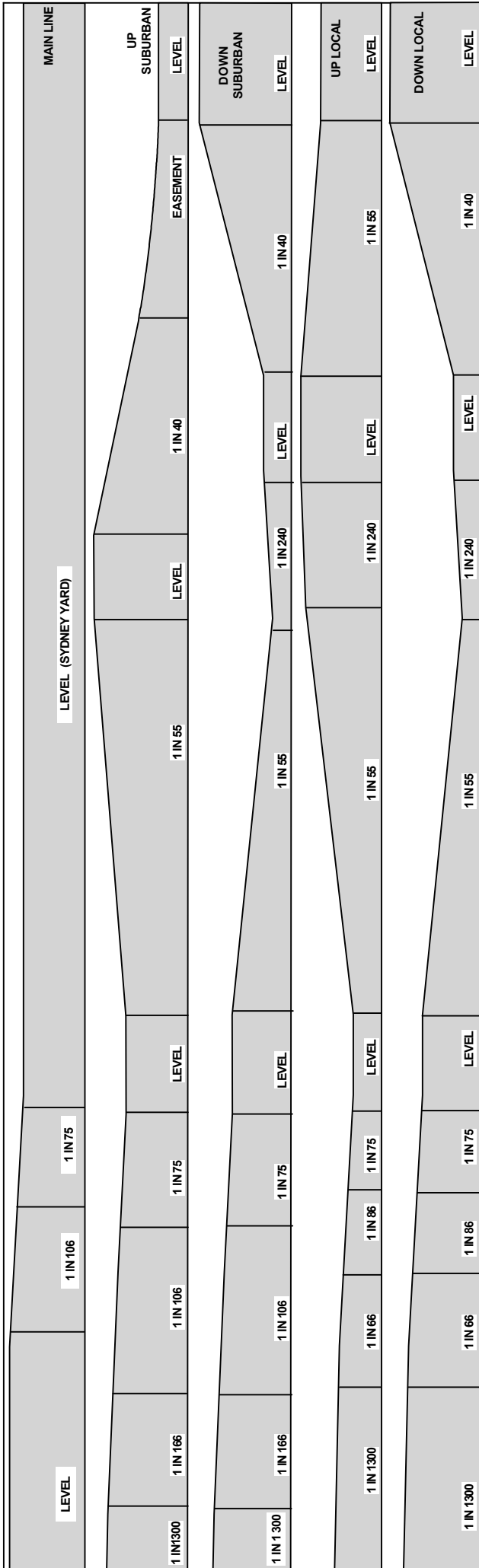
SIGNAL	DESTINATION	INDICATION
SY 115	UP GOODS	G
	UP MAIN	M
	REGENTS STREET	R

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

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

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



SECTION : **CENTRAL TO REDFERN**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE : 3 OF 4  
 UPDATED TO : 6 February 2024

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**  
 RADIO AREA CODE : **002** (SYDNEY EAST UP)  
**003** (SYDNEY EAST DN)  
**035** (SYDNEY ILLAWARRA JN)

**REDFERN**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 10 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>SY 140</b> AND RETURN TO UP ILLAWARRA LOCAL VIA 653 CROSSOVER OR RUN INTO EVELEIGH PRESENTATION CENTRE.
	No. 2 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>SY 448</b> AND RETURN TO UP MAIN LINE VIA 647 CROSSOVER.
	NO. 6 PLATFORM	SHUNT FORWARD TO MACDONALDTOWN SIDINGS AND RETURN ON THE UP LOCAL OR UP ILLAWARRA LOCAL
UP TRAINS	No. 9 PLATFORM	THEN RETURN TO DOWN ILLAWARRA LINE OR PROCEED TO EVELEIGH TRAIN PRESENTATION CENTRE.
	No. 1 PLATFORM	THEN RETURN TO THE DOWN MAIN LINE OR DOWN ILLAWARRA DIVE OR ELSTONS SIDINGS.

**CENTRAL**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN CITY OUTER AND DOWN SHORE TRAINS	No. 16 PLATFORM No. 17 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>SY 366</b> OR <b>SY 364</b> WITHOUT ANY PORTION OF THE TRAIN PASSING THE RESPECTIVE CAR MARKER AND RETURN TO CENTRAL VIA POINT Nos. 617 AND 618 FOR PLATFORM 18 AND ALSO POINTS No. 619 FOR PLATFORM 19
DOWN CITY INNER TRAINS	No. 20 PLATFORM No. 21 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>SY 369 CI</b> WITHOUT ANY PORTION OF THE TRAIN PASSING THE RESPECTIVE CAR MARKER AND RETURN TO CENTRAL VIA POINT No. 621 TO PLATFORMS Nos. 22 OR 23
UP AIRPORT LINE TRAINS	No. 22 PLATFORM No. 23 PLATFORM	CROSS FROM THE UP AIRPORT LINE TO THE DOWN AIRPORT LINE VIA No. 850 POINTS THEN TERMINATE ON PLATFORMS 22 OR 23. TRAIN NOW FORMS A DOWN SERVICE

**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:

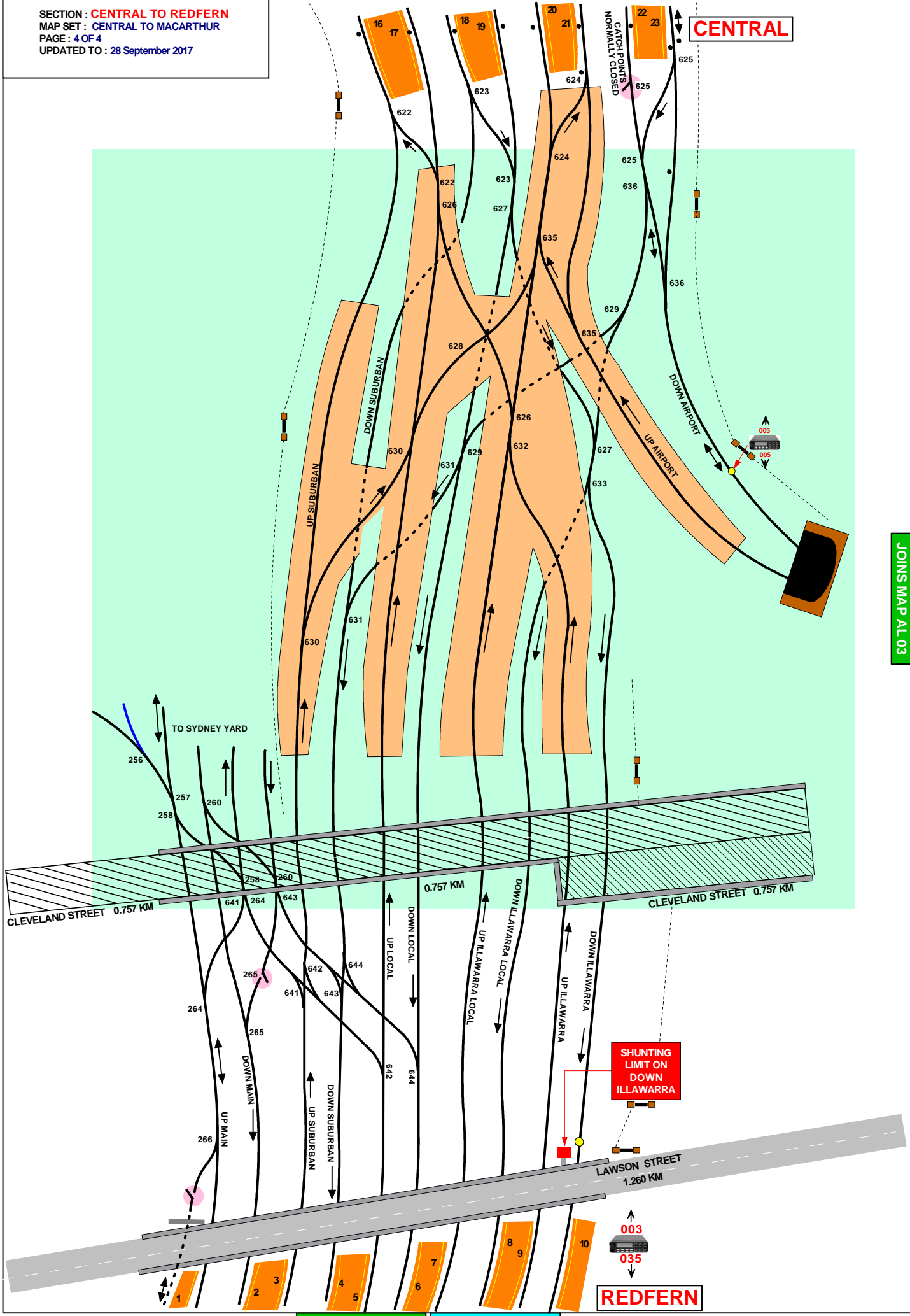
LINE	MARKER LOCATION
DOWN LOCAL	23 METRES IN APPROACH TO SIGNAL No. SY 397 L
UP LOCAL	16 METRES IN APPROACH TO SIGNAL No. SY 394 L
UP ILLAWARRA LOCAL	36 METRES IN APPROACH TO SIGNAL No. SY 388 IL, AND 16 METRES IN APPROACH TO SIGNAL No. 396 IL

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 MACARTHUR  
PAGE : 4 OF 4  
UPDATED TO : 28 September 2017

CENTRAL

CATCH POINTS  
NORMALLY CLOSED



JOINS MAP AL 03

REDFERN

SECTION : REDFERN TO ERSKINEVILLE  
 REDFERN TO MACDONALDTOWN  
 MAP SET : CENTRAL TO MACARTHUR  
 PAGE : 1 OF 4  
 UPDATED TO : 29 May 2024

MULTI SPAD SIGNAL  
 SY 481 M

MULTI SPAD SIGNAL  
 SY 516 L

MULTI SPAD SIGNAL  
 SY 537 I

MULTI SPAD SIGNAL  
 SY 502

REDFERN

FOR PLATFORMS 11 & 12  
 REFER TO MAP ESR 05 &  
 ESR 06

1 E 1	1 E 2	1 E 3	1 E 4	1 E 5	1 E 6	1 E 7	1 E 8
S 1.49 AUTO 2.385 KM	L 1.49 AUTO 2.385 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 499 IL AUTO 1.957 KM	SY 536 IL ACCEPT 2.396 KM
YL	YL	YL	YL	YL	YL	YL	YL

NLA 100 CENTRAL  
 REFER TO NLA 100 FOR  
 GBWS  
 PROCEDURES

W  
 TRAINS EX  
 MAC TOWN  
 YARD

SIGN TO TEST  
 WHISTLE X  
 MAC TOWN  
 YARD

POINTS  
 CLEARED  
 8  
 CARS

UP ILLAWARRA DIVE  
 DOWN ILLAWARRA DIVE

1 IN 1300

LEVEL

1 IN 75

E

1 IN 75

LEVEL

1 IN 75

GRADIENT FOR SOUTHERN LINES

GRADIENT FOR ILLAWARRA LINES

1 IN 85

1 IN 60

1 IN 132

1 IN 106

1 IN 69

1 IN 200

1 IN 106

1 IN 314

1 IN 2000

JOINS MAP YARDS 14

POINTS  
 CLEARED  
 8  
 CARS

POINTS  
 CLEARED  
 8  
 CARS

JOINS MAP YARDS 14

MACDONALDTOWN

MACDONALDTOWN  
 STABLING YARD  
 THESE SIGNS LOCATED  
 WITHIN THE YARD  
 (BACK TO BACK)

TRAIN  
 WHISTLE  
 RESTRICTIONS  
 APPLY IN THIS  
 YARD

**SPECIAL POINTS OF INTEREST**

**ERSKINEVILLE**

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

**INFORMATION**

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)

SECTION : REDFERN TO ERSKINEVILLE  
 REDFERN TO MACDONALDTOWN

MAP SET : CENTRAL TO MACARTHUR  
 PAGE : 2 OF 4  
 UPDATED TO : 23 May 2023

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 O/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

POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
SY 455 1.328KM	PLATFORM 1 REDFERN	TURN OUT FOR ELSTONS SIDINGS OR DOWN ILLAWARRA
SY 457 M 1.391 KM	PLATFORM No. 2 REDFERN	TURN OUT FOR DOWN ILLAWARRA LINES
SY 485 L 1.796 KM	DOWN LOCAL	TURN OUT FOR ILLAWARRA LINES
SY 465 I 1.494 KM	PLATFORM No. 10 REDFERN	TURN OUT FOR EVELEIGH
SY 525 V 2.053 KM	DOWN ILLAWARRA DIVE	TURN OUT FOR EVELEIGH
SY 512 M 2.245 KM	UP MAIN	MUST CROSS TO SUBURBAN FOR ETR PLATFORMS 16 - 21
SY 496 IL 1.978 KM	UP ILLAWARRA LOCAL	MUST TURN OUT TO UP LOCAL FOR SYDNEY YARD
SY 497 L 1.965 KM	DOWN LOCAL	MACDONALDTOWN TURNBACK SIDINGS
SY 538 I 2.396 KM	UP ILLAWARRA	TURN OUT THROUGH ILLAWARRA DIVE FOR SYDNEY YARD
SY 485 L 1.796 KM	DOWN LOCAL	TURN OUT FOR ILLAWARRA LINES
SY 544 I 2.797 KM	CITY END ERSKINEVILLE PLATFORM	TURN OUT FOR ESR OR EVELEIGH

REDFERN TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 10 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL SY 140 AND RETURN TO UP ILLAWARRA LOCAL VIA 653 CROSSOVER OR RUN INTO EVELEIGH PRESENTATION CENTRE.
	No. 2 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL SY 448 AND RETURN TO UP MAIN LINE VIA 647 CROSSOVER.
	NO. 6 PLATFORM	SHUNT FORWARD TO MACDONAL TOWN YARD AND RETURN TO THE UP LOCAL VIA 665 CROSSOVER.
UP TRAINS	No. 9 PLATFORM	THEN RETURN TO DOWN ILLAWARRA LINE OR PROCEED TO EVELEIGH TRAIN PRESENTATION CENTRE.
	No. 1 PLATFORM	THEN RETURN TO DOWN MAIN LINE OR DOWN ILLAWARRA DIVE.

RADIO TRANSPONDER AREA NUMBERS						
▲	●	●	●	●	●	●
→	001	002	003	035	001	258
→	035	035	035	258	258	035
▼						

MACDONALDTOWN TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
UP TRAINS	No. 1 PLATFORM	SHUNT FORWARD TO A POSITION CLEAR OF SIGNAL SY 507, THEN RETURN TO DOWN LOCAL LINE VIA 665 CROSSOVER OR DOWN SUBURBAN VIA 665 AND 670 CROSSOVERS

ERSKINEVILLE TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN ILLAWARRA DOWN E.S.R	PLATFORM No. 4 ERSKINEVILLE	EVELEIGH YARD

**SPECIAL POINTS OF INTEREST**

**ERSKINEVILLE**

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

**INFORMATION**

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)

SECTION : REDFERN TO ERSKINEVILLE  
REDFERN TO MACDONALDTOWN

MAP SET : CENTRAL TO MACARTHUR  
PAGE : 3 OF 4  
UPDATED TO : 23 May 2023

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)	-
	DOWN ILLAWARRA LOCAL (M)	-
	DOWN ILLAWARRA (S)	DI
	DOWN ILLAWARRA LOCAL (S)	DL

DI DL

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

DI DL

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)	-
	UP ILLAWARRA(M)	-
	UP ILLAWARRA (S)	UL
	UP ILLAWARRA LOCAL (S)	UI

UL UI

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

UI UR



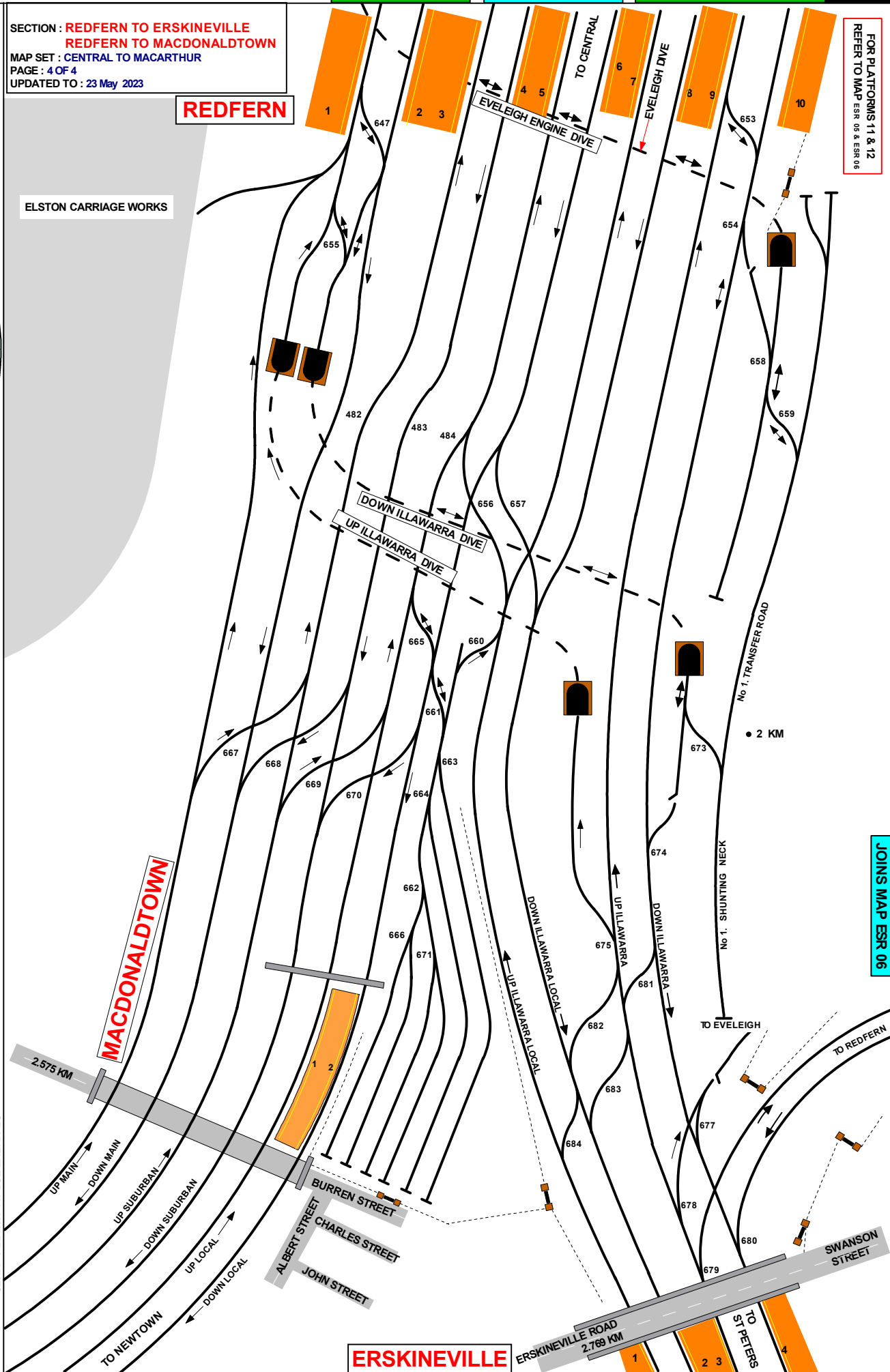
SECTION : REDFERN TO ERSKINEVILLE  
REDFERN TO MACDONALDTOWN  
MAP SET : CENTRAL TO MACARTHUR  
PAGE : 4 OF 4  
UPDATED TO : 23 May 2023

FOR PLATFORMS 11 & 12  
REFER TO MAP ESR 06 & ESR 06

REDFERN

ELSTON CARRIAGE WORKS

1 IN 2000	L	1 IN 314	E	1 IN 106	E	1 IN 200	E	1 IN 69	1 IN 106	1 IN 132	E	1 IN 60	1 IN 95	1 IN 143	E	1 IN 1300
LEVEL		LEVEL		LEVEL		LEVEL		LEVEL		LEVEL		LEVEL		LEVEL		GRADIENT FOR SOUTHERN LINES



TO REDFERN

SECTION : MACDONALDTOWN TO NEWTOWN  
MAP SET : CENTRAL TO MACARTHUR  
UPDATED TO : 11 March 2024

GRADIENT

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE  
RADIO AREA CODE : 035 (SYDNEY ILLAWARRA JN)

MACDONALDTOWN  
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
UP TRAINS	No. 1 PLATFORM	SHUNT FORWARD TO A POSITION CLEAR OF SIGNAL SY 507, THEN RETURN TO DOWN LOCAL LINE VIA 665 CROSSOVER. OR DOWN SUBURBAN VIA 665 AND 670 CROSSOVERS

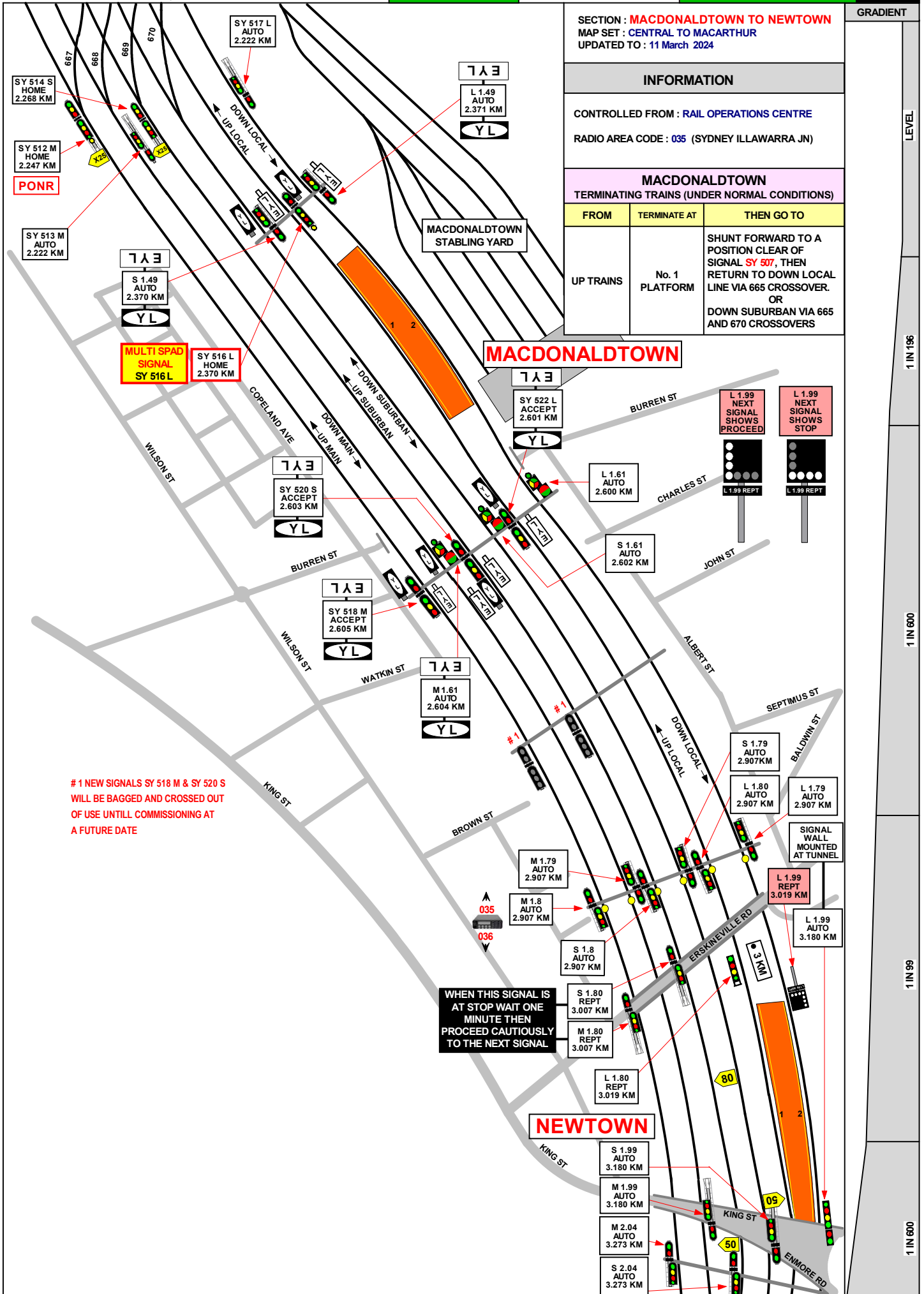
LEVEL

1 IN 156

1 IN 600

1 IN 99

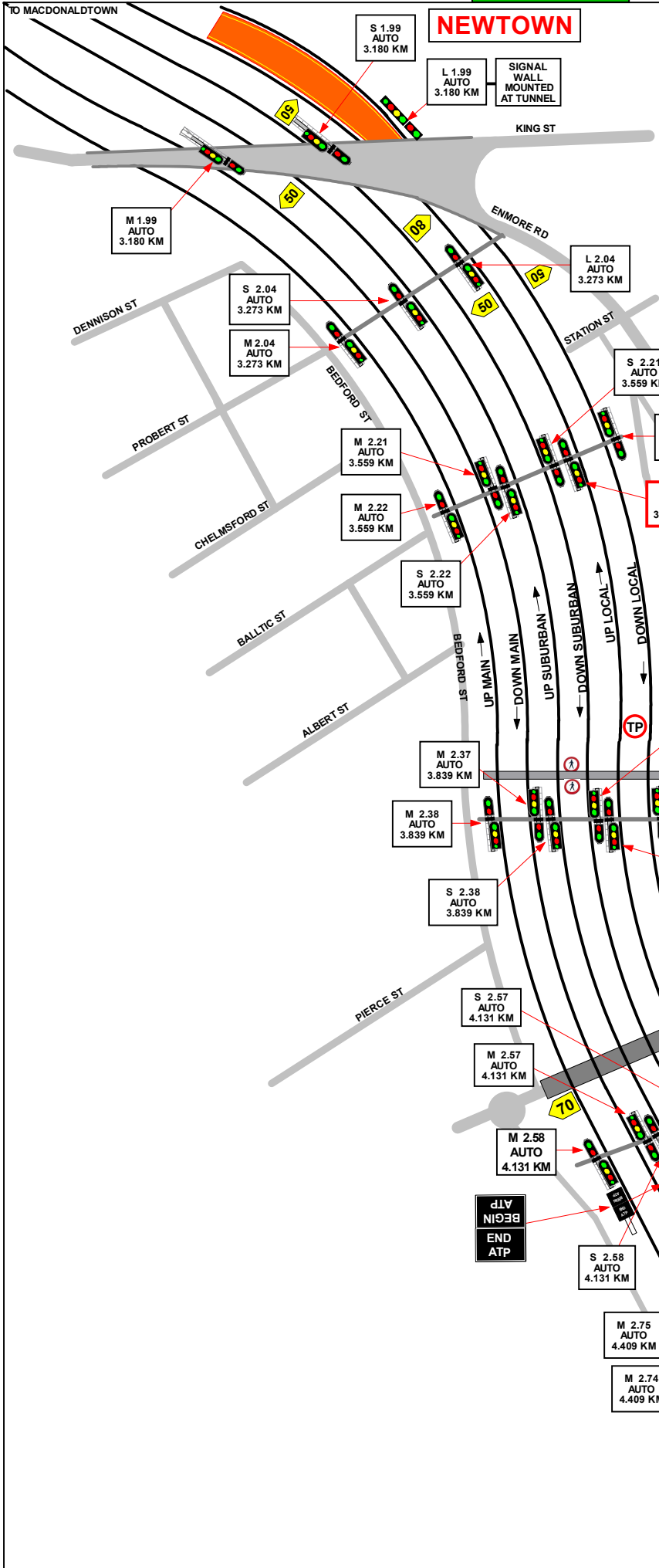
1 IN 600



# 1 NEW SIGNALS SY 518 M & SY 520 S WILL BE BAGGED AND CROSSED OUT OF USE UNTILL COMMISSIONING AT A FUTURE DATE

WHEN THIS SIGNAL IS AT STOP WAIT ONE MINUTE THEN PROCEED CAUTIOUSLY TO THE NEXT SIGNAL

TO STANMORE



**SECTION : NEWTOWN TO STANMORE**  
**MAP SET : CENTRAL TO MACARTHUR**  
**UPDATED TO : 15 June 2022**

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**INFORMATION**

CONTROLLED FROM : RAIL OPERATIONS CENTRE

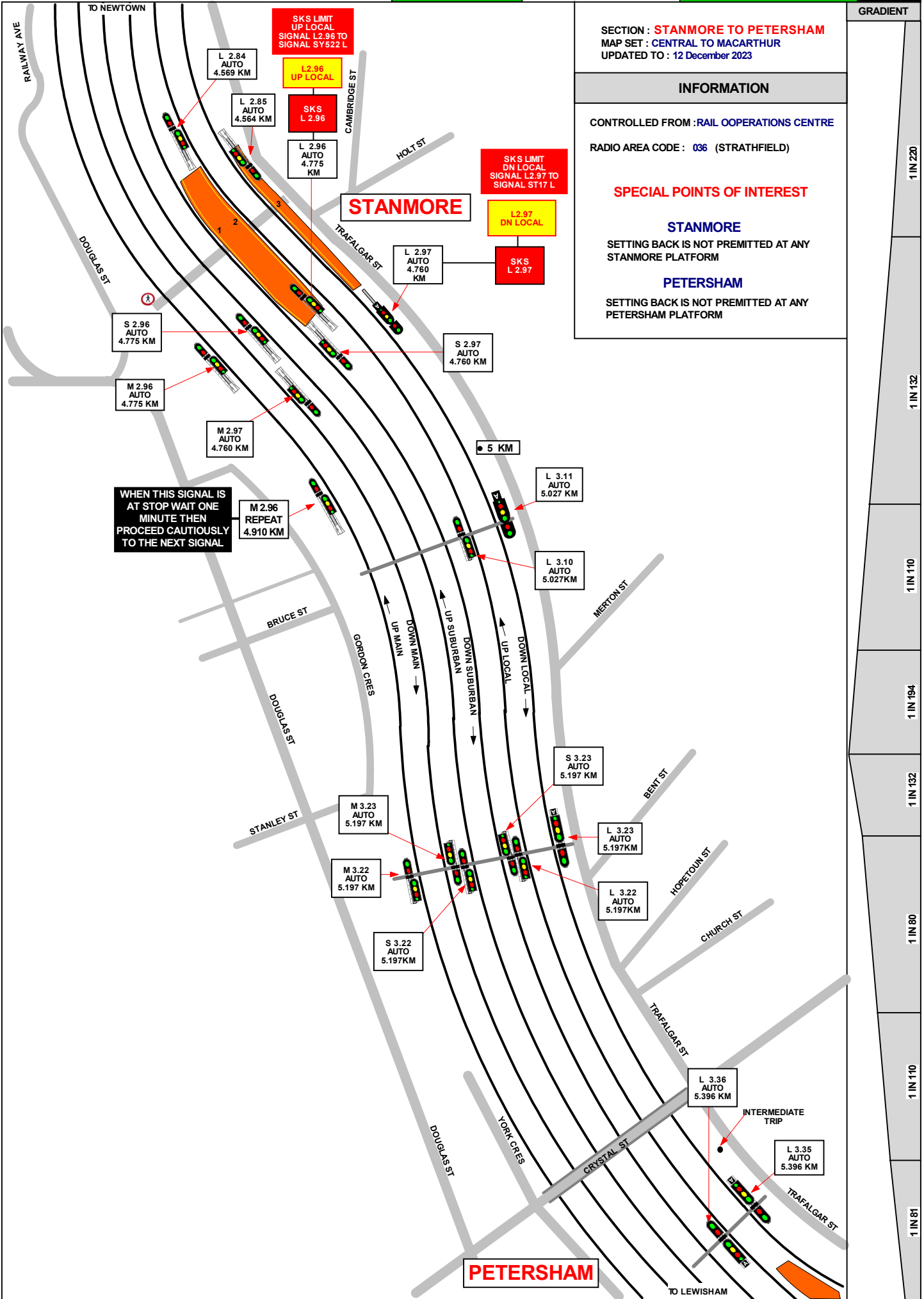
RADIO AREA CODE : 036 (STRATHFIELD)

**SPECIAL POINTS OF INTEREST**  
**STANMORE**

SETTING BACK IS NOT PERMITTED AT STANMORE ON ANY PLATFORM.

GRADIENT	LEVEL
1 IN 600	
1 IN 100	
1 IN 367	
1 IN 266	
1 IN 161	
1 IN 250	
1 IN 200	
1 IN 375	
1 IN 220	

**STANMORE**



**SECTION : STANMORE TO PETERSHAM**  
**MAP SET : CENTRAL TO MACARTHUR**  
**UPDATED TO : 12 December 2023**

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**INFORMATION**

CONTROLLED FROM : RAIL OPERATIONS CENTRE

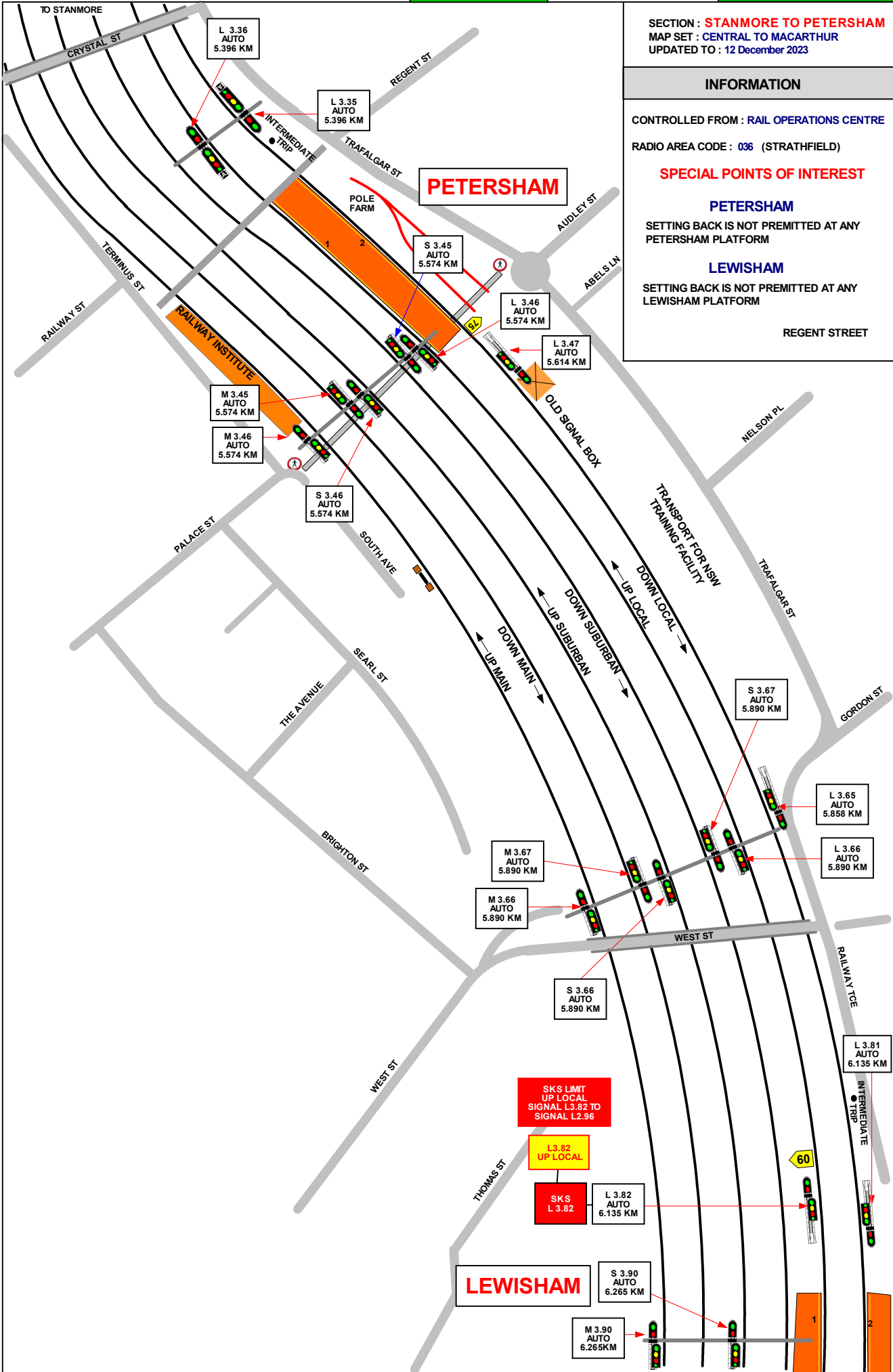
RADIO AREA CODE : 036 (STRATHFIELD)

**SPECIAL POINTS OF INTEREST**

**STANMORE**  
 SETTING BACK IS NOT PERMITTED AT ANY STANMORE PLATFORM

**PETERSHAM**  
 SETTING BACK IS NOT PERMITTED AT ANY PETERSHAM PLATFORM

GRADIENT
1 IN 220
1 IN 132
1 IN 110
1 IN 104
1 IN 132
1 IN 80
1 IN 110
1 IN 81



SECTION : **STANMORE TO PETERSHAM**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 12 December 2023

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **036 (STRATHFIELD)**

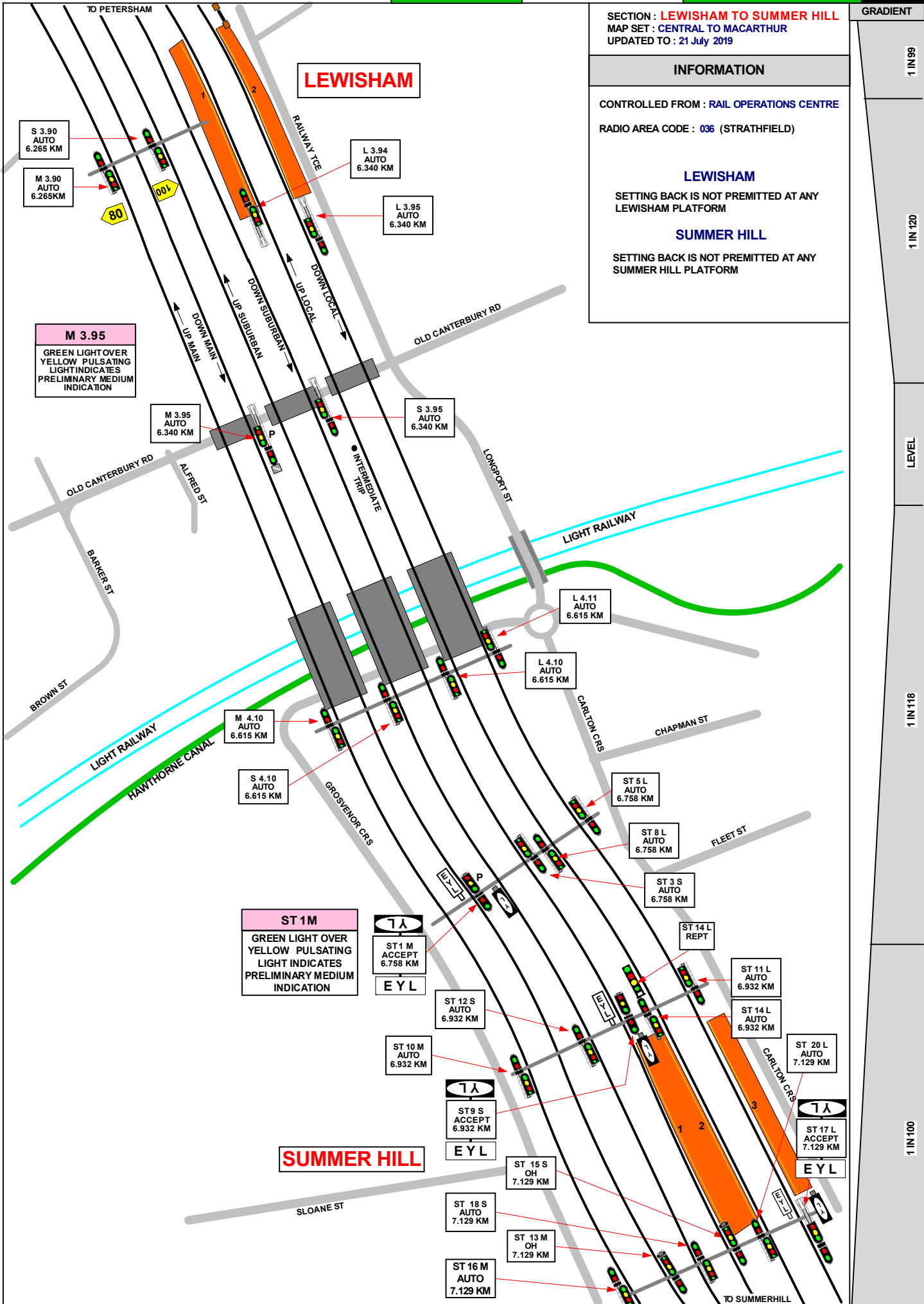
**SPECIAL POINTS OF INTEREST**

**PETERSHAM**  
 SETTING BACK IS NOT PERMITTED AT ANY PETERSHAM PLATFORM

**LEWISHAM**  
 SETTING BACK IS NOT PERMITTED AT ANY LEWISHAM PLATFORM

REGENT STREET

GRADIENT	
1 IN 110	
1 IN 75 (MAIN)	1 IN 81 (SUBURBAN)
1 IN 81 (LOCAL)	
1 IN 75 (MAIN)	1 IN 81 (SUBURBAN)
1 IN 81 (LOCAL)	1 IN 107 (LOCAL)
1 IN 264 (SUBURBAN)	1 IN 126 (LOCAL)
1 IN 99	
1 IN 120	



SECTION : LEWISHAM TO SUMMER HILL  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 21 July 2019

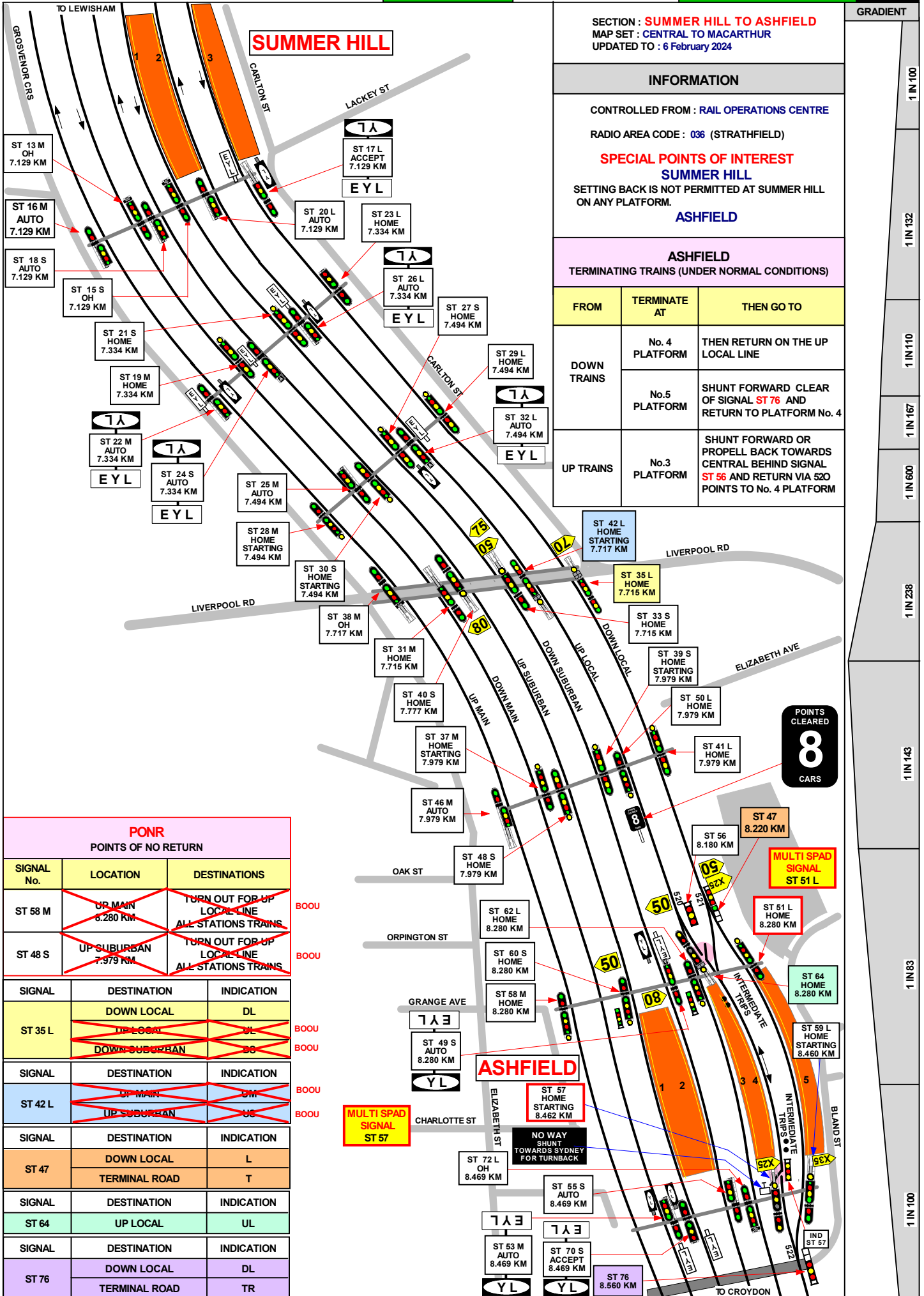
**INFORMATION**

CONTROLLED FROM : RAIL OPERATIONS CENTRE  
 RADIO AREA CODE : 036 (STRATHFIELD)

**LEWISHAM**  
 SETTING BACK IS NOT PERMITTED AT ANY LEWISHAM PLATFORM

**SUMMER HILL**  
 SETTING BACK IS NOT PERMITTED AT ANY SUMMER HILL PLATFORM

GRADIENT
1 IN 99
1 IN 120
LEVEL
1 IN 118
1 IN 100



SECTION : **SUMMER HILL TO ASHFIELD**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 6 February 2024

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **036 (STRATHFIELD)**

**SPECIAL POINTS OF INTEREST**

**SUMMER HILL**  
 SETTING BACK IS NOT PERMITTED AT SUMMER HILL ON ANY PLATFORM.  
**ASHFIELD**

**ASHFIELD**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 4 PLATFORM	THEN RETURN ON THE UP LOCAL LINE
	No.5 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>ST 76</b> AND RETURN TO PLATFORM No. 4
UP TRAINS	No.3 PLATFORM	SHUNT FORWARD OR PROPELL BACK TOWARDS CENTRAL BEHIND SIGNAL <b>ST 56</b> AND RETURN VIA 520 POINTS TO No. 4 PLATFORM

GRADIENT
1 IN 100
1 IN 132
1 IN 110
1 IN 167
1 IN 600
1 IN 238
1 IN 143
1 IN 100

**PONR**  
POINTS OF NO RETURN

SIGNAL No.	LOCATION	DESTINATIONS
ST 58 M	<del>UP MAIN 8.280 KM</del>	<del>TURN OUT FOR UP LOCAL LINE ALL STATIONS TRAINS</del>
ST 48 S	<del>UP SUBURBAN 7.979 KM</del>	<del>TURN OUT FOR UP LOCAL LINE ALL STATIONS TRAINS</del>
SIGNAL	DESTINATION	INDICATION
ST 35 L	<del>DOWN LOCAL</del>	<del>DL</del>
	<del>DOWN SUBURBAN</del>	<del>DS</del>
SIGNAL	DESTINATION	INDICATION
ST 42 L	<del>UP MAIN</del>	<del>UM</del>
	<del>UP SUBURBAN</del>	<del>US</del>
SIGNAL	DESTINATION	INDICATION
ST 47	DOWN LOCAL	L
	TERMINAL ROAD	T
SIGNAL	DESTINATION	INDICATION
ST 64	UP LOCAL	UL
SIGNAL	DESTINATION	INDICATION
ST 76	DOWN LOCAL	DL
	TERMINAL ROAD	TR

**ASHFIELD**

SECTION : **ASHFIELD TO CROYDON**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 6 February 2024

GRADIENT

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

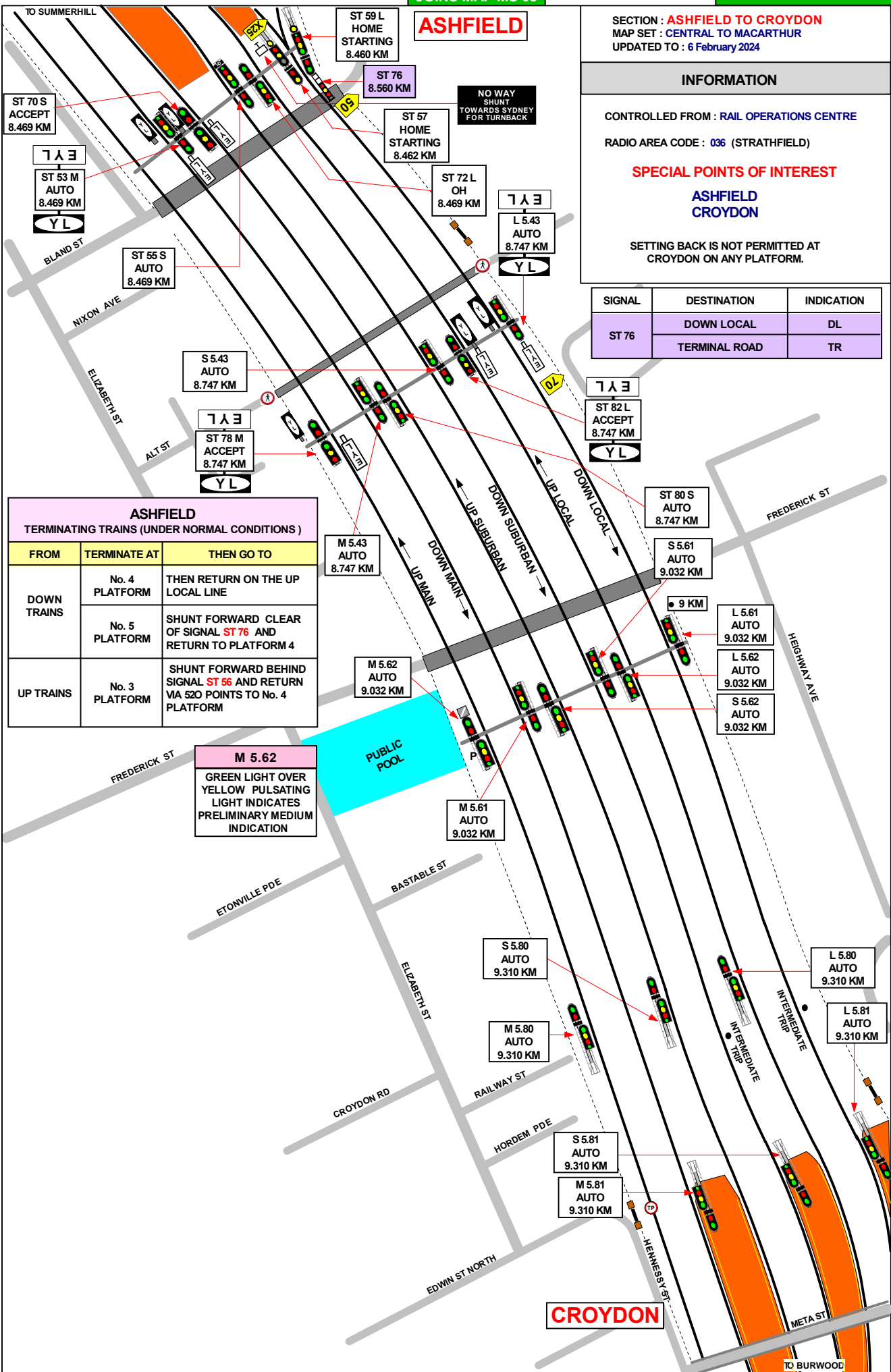
RADIO AREA CODE : **036 (STRATHFIELD)**

**SPECIAL POINTS OF INTEREST**

**ASHFIELD  
CROYDON**

SETTING BACK IS NOT PERMITTED AT CROYDON ON ANY PLATFORM.

SIGNAL	DESTINATION	INDICATION
ST 76	DOWN LOCAL	DL
	TERMINAL ROAD	TR



**ASHFIELD**  
 TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 4 PLATFORM	THEN RETURN ON THE UP LOCAL LINE
	No. 5 PLATFORM	SHUNT FORWARD CLEAR OF SIGNAL <b>ST 76</b> AND RETURN TO PLATFORM 4
UP TRAINS	No. 3 PLATFORM	SHUNT FORWARD BEHIND SIGNAL <b>ST 56</b> AND RETURN VIA 520 POINTS TO No. 4 PLATFORM

**M 5.62**  
 GREEN LIGHT OVER YELLOW PULSATING LIGHT INDICATES PRELIMINARY MEDIUM INDICATION

**PUBLIC POOL**

**NO WAY SHUNT TOWARDS SYDNEY FOR TURNBACK**

1 IN 100

1 IN 122

1 IN 108

1 IN 100

E

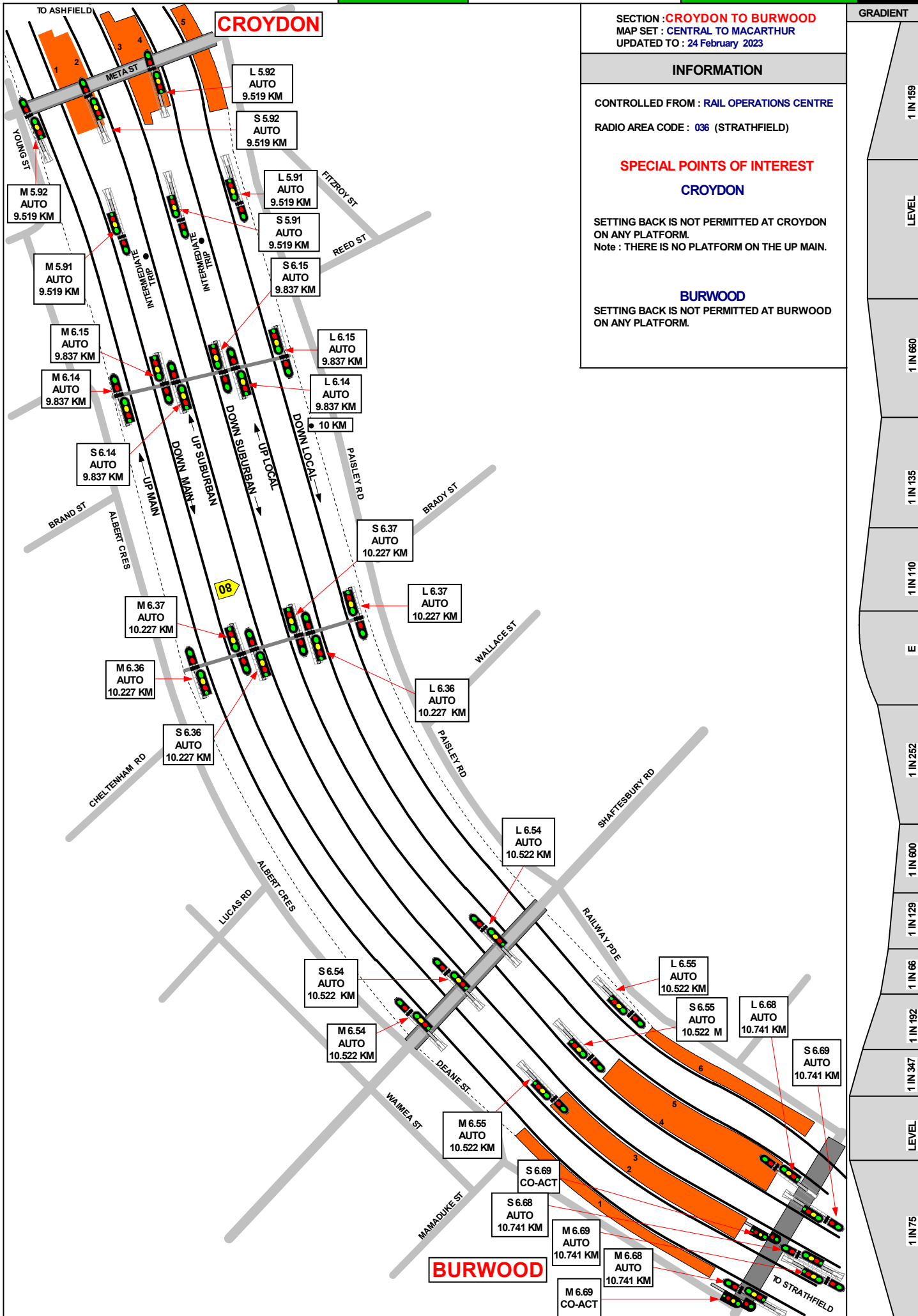
1 IN 227

1 IN 159

LEVEL

**CROYDON**





SECTION : BURWOOD TO STRATHFIELD  
MAP SET : CENTRAL TO MACARTHUR  
UPDATED TO : 8 March 2023

GRADIENT

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 036 (STRATHFIELD)

SPECIAL POINTS OF INTEREST

BURWOOD

SETTING BACK IS NOT PERMITTED AT BURWOOD ON ANY PLATFORM.

STRATHFIELD

A "SHUNTING LIMIT BOARD" IS LOCATED NEXT TO THE UP MAIN LINE OFF THE COUNTRY END OF No. 2 PLATFORM. THIS BOARD APPLIES TO TRAINS SHUNTING IN THE DOWN DIRECTION ON THE UP MAIN LINE.

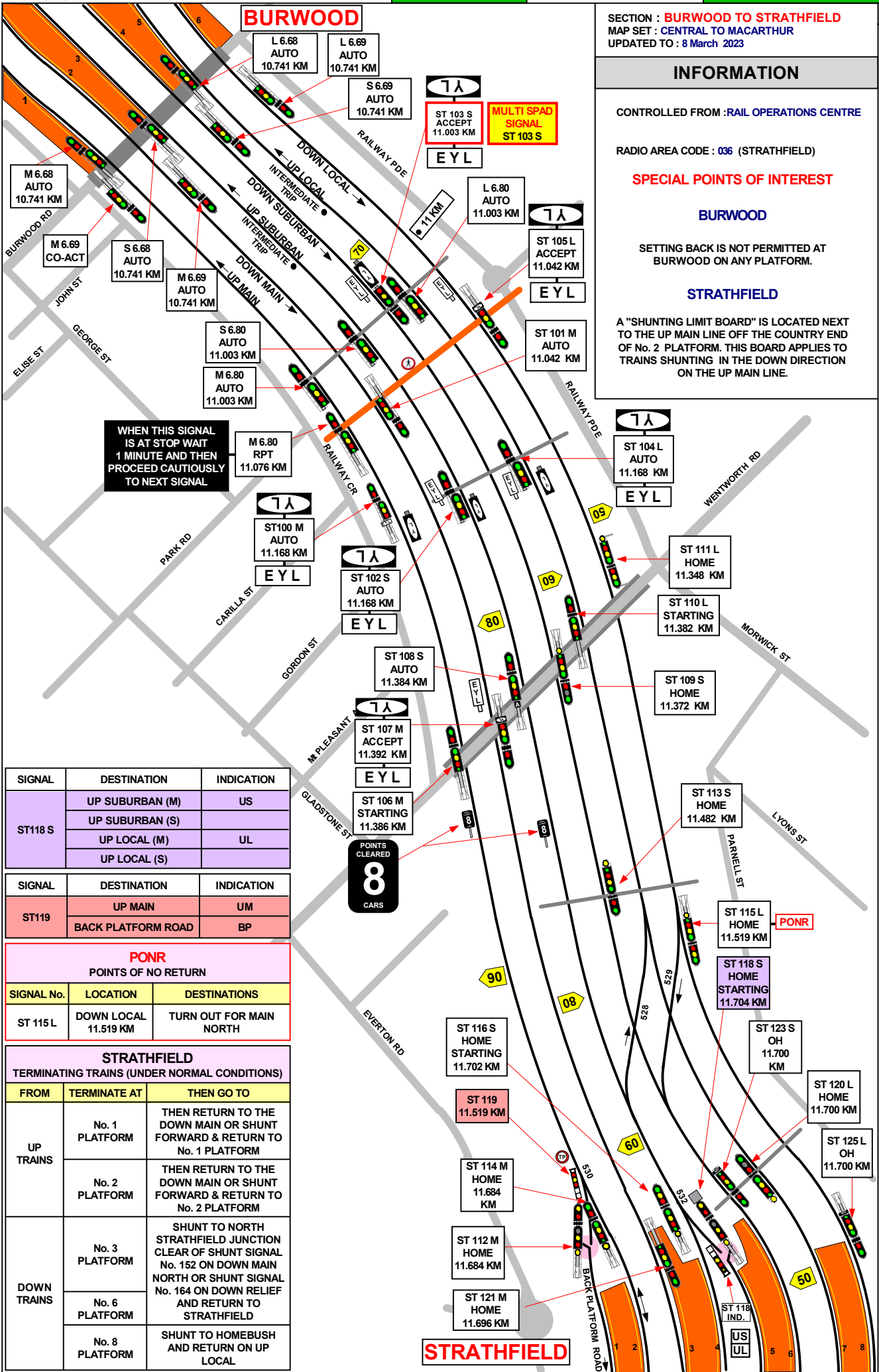
LEVEL

1 IN 75

1 IN 67

1 IN 132

1 IN 1320



WHEN THIS SIGNAL IS AT STOP WAIT 1 MINUTE AND THEN PROCEED CAUTIOUSLY TO NEXT SIGNAL

SIGNAL	DESTINATION	INDICATION
ST118 S	UP SUBURBAN (M)	US
	UP SUBURBAN (S)	
	UP LOCAL (M)	UL
	UP LOCAL (S)	

SIGNAL	DESTINATION	INDICATION
ST119	UP MAIN	UM
	BACK PLATFORM ROAD	BP

PONR POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
ST 115 L	DOWN LOCAL 11.519 KM	TURN OUT FOR MAIN NORTH

STRATHFIELD TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
UP TRAINS	No. 1 PLATFORM	THEN RETURN TO THE DOWN MAIN OR SHUNT FORWARD & RETURN TO No. 1 PLATFORM
	No. 2 PLATFORM	THEN RETURN TO THE DOWN MAIN OR SHUNT FORWARD & RETURN TO No. 2 PLATFORM
DOWN TRAINS	No. 3 PLATFORM	SHUNT TO NORTH STRATHFIELD JUNCTION CLEAR OF SHUNT SIGNAL No. 152 ON DOWN MAIN NORTH OR SHUNT SIGNAL No. 164 ON DOWN RELIEF AND RETURN TO STRATHFIELD
	No. 6 PLATFORM	
	No. 8 PLATFORM	SHUNT TO HOMEBUSH AND RETURN ON UP LOCAL

TO BURWOOD

GRADIENT

1 IN 1320

1 IN 100

E

1 IN 70

E

1 IN 943

SECTION : STRATHFIELD TO HOMEBUSH  
MAP SET : CENTRAL TO MACARTHUR  
PAGE : 1 OF 3  
UPDATED TO : 10 June 2024

INFORMATION

CONTROLLED FROM : RAIL OPERATIONS CENTRE /  
HOMEBUSH CONTROL CENTRE

RADIO AREA CODE : 036 (STRATHFIELD)  
018 (NTH STRATHFIELD)

SPECIAL POINTS OF INTEREST

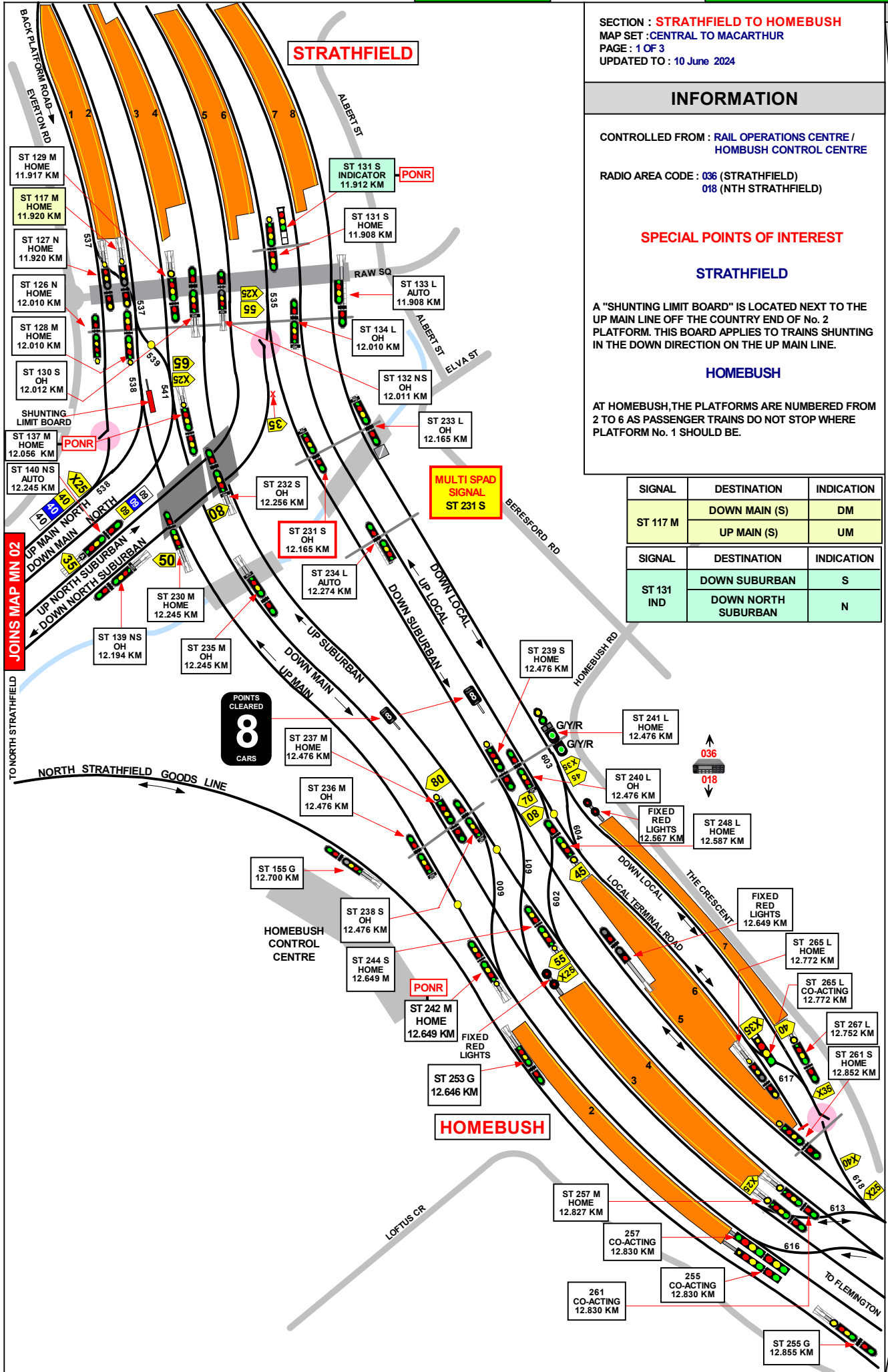
STRATHFIELD

A "SHUNTING LIMIT BOARD" IS LOCATED NEXT TO THE UP MAIN LINE OFF THE COUNTRY END OF No. 2 PLATFORM. THIS BOARD APPLIES TO TRAINS SHUNTING IN THE DOWN DIRECTION ON THE UP MAIN LINE.

HOMEBUSH

AT HOMEBUSH, THE PLATFORMS ARE NUMBERED FROM 2 TO 6 AS PASSENGER TRAINS DO NOT STOP WHERE PLATFORM No. 1 SHOULD BE.

SIGNAL	DESTINATION	INDICATION
ST 117 M	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
SIGNAL	DESTINATION	INDICATION
ST 131 IND	DOWN SUBURBAN	S
	DOWN NORTH SUBURBAN	N



STRATHFIELD TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
UP TRAINS	No. 1 PLATFORM	THEN RETURN TO THE DOWN MAIN OR SHUNT FORWARD & RETURN TO No. 1 PLATFORM
	No. 2 PLATFORM	THEN RETURN TO THE DOWN MAIN OR SHUNT FORWARD & RETURN TO No. 2 PLATFORM
DOWN TRAINS	No. 3 PLATFORM	SHUNT TO NORTH STRATHFIELD JUNCTION CLEAR OF SHUNT SIGNAL No. 152 ON DOWN MAIN NORTH OR SHUNT SIGNAL No. 164 ON DOWN RELIEF AND RETURN TO STRATHFIELD
	No. 6 PLATFORM	
	No. 8 PLATFORM	SHUNT TO HOMEBUSH AND RETURN ON UP LOCAL


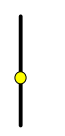
SECTION : **STRATHFIELD TO HOMEBUSH**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE : 3 OF 3  
 UPDATED TO : 23 February 2022

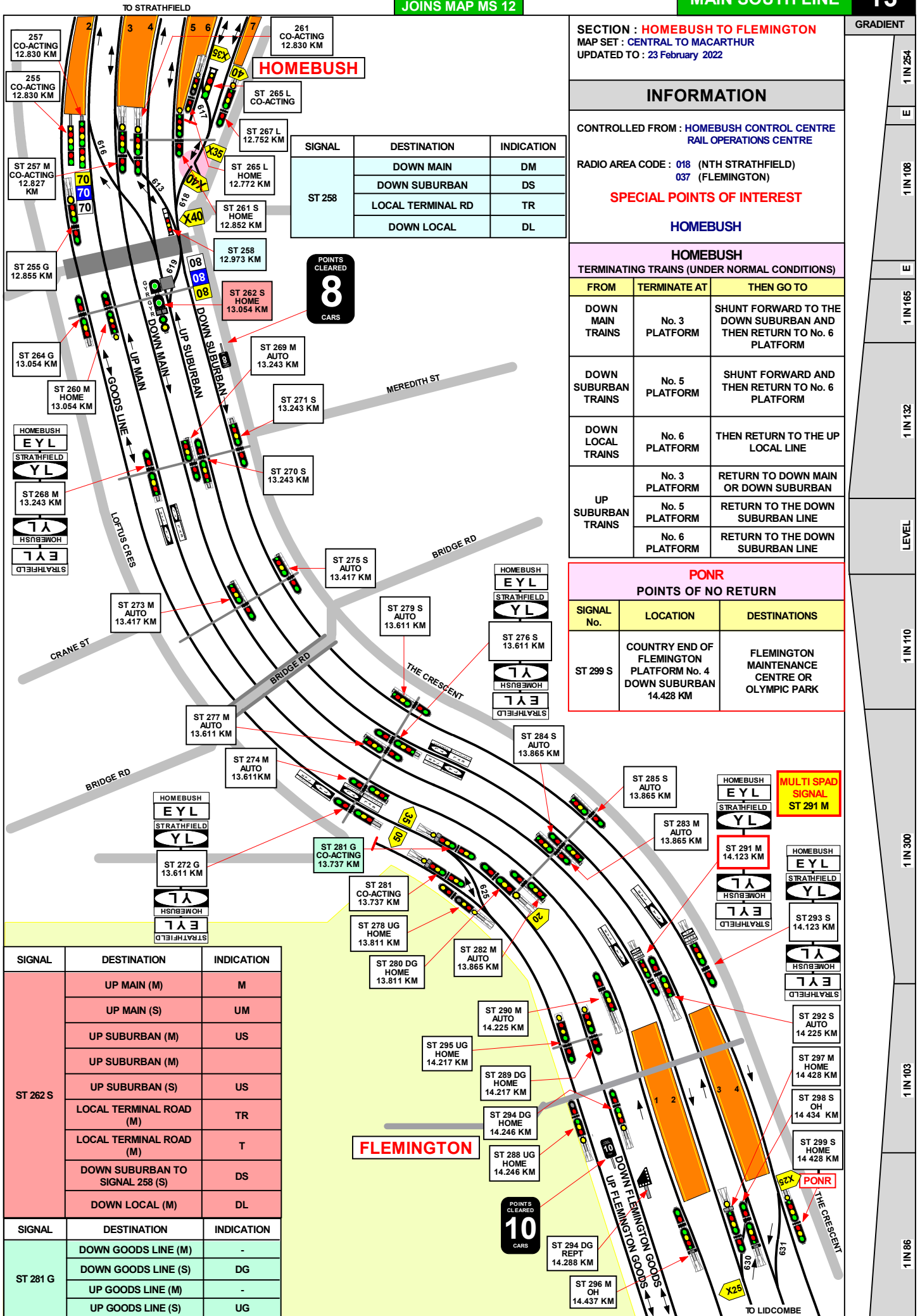
**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**  
 RADIO AREA CODE : **036** (STRATHFIELD)

HOMEBUSH TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 3 PLATFORM	SHUNT FORWARD TO THE DOWN SUBURBAN AND THEN RETURN TO No. 6 PLATFORM
DOWN SUBURBAN TRAINS	No. 5 PLATFORM	SHUNT FORWARD AND THEN RETURN TO No. 6 PLATFORM
DOWN LOCAL TRAINS	No. 6 PLATFORM	THEN RETURN TO THE UP LOCAL LINE
UP SUBURBAN TRAINS	No. 3 PLATFORM	RETURN TO DOWN MAIN OR DOWN SUBURBAN
	No. 5 PLATFORM	RETURN TO THE DOWN SUBURBAN LINE
	No. 6 PLATFORM	RETURN TO THE DOWN SUBURBAN LINE

PONR POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
ST 137 M	DOWN MAIN 12.056 KM	TURN OUT FOR MAIN NORTH
ST 131 S	DOWN SUBURBAN 11.908 KM	TURN OUT FOR MAIN NORTH
ST 242 M	UP MAIN 12.649 KM	TURN OUT FOR ALL STATIONS TRAINS

RADIO TRANSPONDER LOCATIONS		
<p>FIGURE 1</p> 	<p>FIGURE 2</p> 	<p>WHERE YOU SEE THE TRANSPONDER SYMBOL (FIGURE 1) ALONGSIDE THE MAP LOOK FOR THE YELLOW DOT (FIGURE 2) ON THE RAILWAY LINE FOR THE ACTUAL LOCATION OF THE TRANSPONDER</p>



SECTION : **HOMEBUSH TO FLEMINGTON**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 23 February 2022

GRADIENT	1 IN 254
	E
	1 IN 108
	E
	1 IN 165
	E
	1 IN 132
	E
LEVEL	
	1 IN 110
	E
	1 IN 300
	E
	1 IN 103
	E
	1 IN 86

**INFORMATION**

CONTROLLED FROM : **HOMEBUSH CONTROL CENTRE**  
**RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **018** (NTH STRATHFIELD)  
**037** (FLEMINGTON)

**SPECIAL POINTS OF INTEREST**

**HOMEBUSH**

**HOMEBUSH**  
 TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 3 PLATFORM	SHUNT FORWARD TO THE DOWN SUBURBAN AND THEN RETURN TO No. 6 PLATFORM
DOWN SUBURBAN TRAINS	No. 5 PLATFORM	SHUNT FORWARD AND THEN RETURN TO No. 6 PLATFORM
DOWN LOCAL TRAINS	No. 6 PLATFORM	THEN RETURN TO THE UP LOCAL LINE
UP SUBURBAN TRAINS	No. 3 PLATFORM	RETURN TO DOWN MAIN OR DOWN SUBURBAN
	No. 5 PLATFORM	RETURN TO THE DOWN SUBURBAN LINE
	No. 6 PLATFORM	RETURN TO THE DOWN SUBURBAN LINE

**PONR**

**POINTS OF NO RETURN**

SIGNAL No.	LOCATION	DESTINATIONS
ST 299 S	COUNTRY END OF FLEMINGTON PLATFORM No. 4 DOWN SUBURBAN 14.428 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK

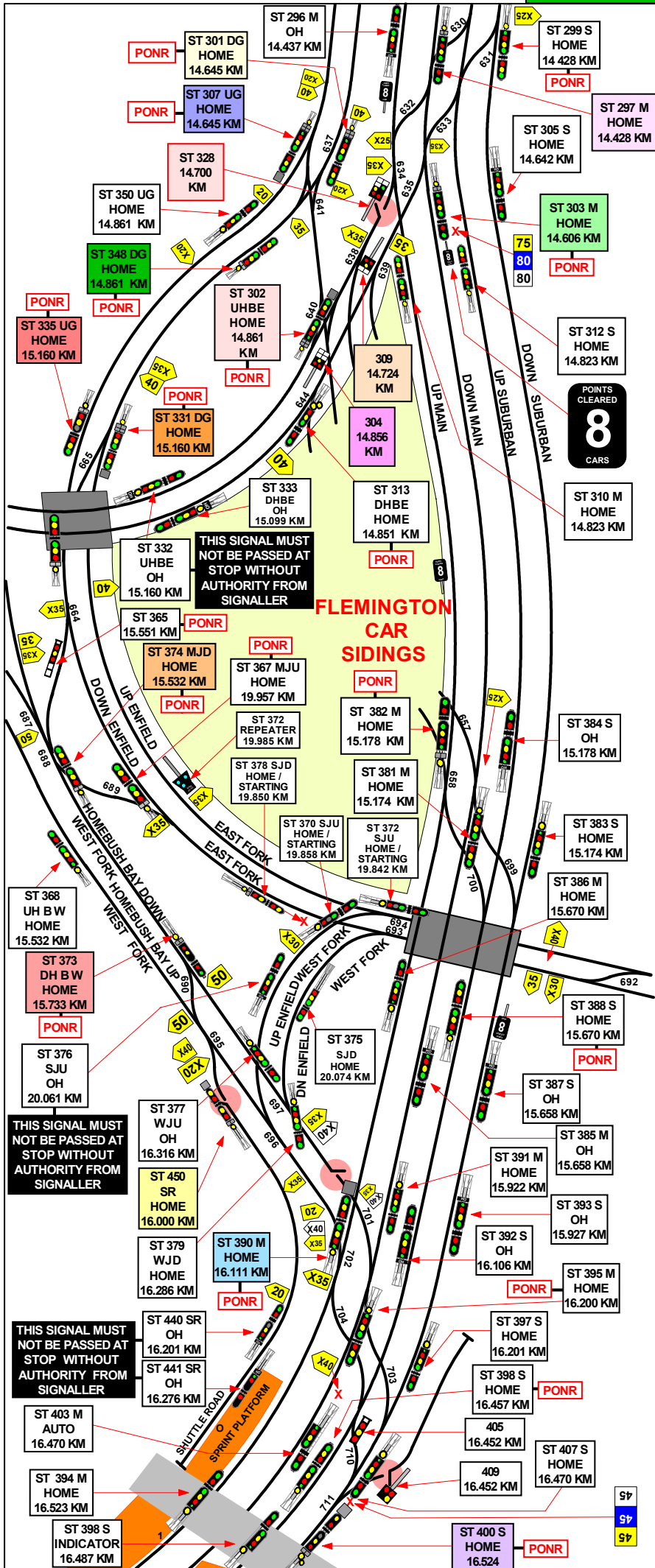
SIGNAL	DESTINATION	INDICATION
ST 258	DOWN MAIN	DM
	DOWN SUBURBAN	DS
	LOCAL TERMINAL RD	TR
	DOWN LOCAL	DL

POINTS CLEARED  
**8**  
 CARS

POINTS CLEARED  
**10**  
 CARS

SIGNAL	DESTINATION	INDICATION
ST 262 S	UP MAIN (M)	M
	UP MAIN (S)	UM
	UP SUBURBAN (M)	US
	UP SUBURBAN (M)	US
	UP SUBURBAN (S)	US
	LOCAL TERMINAL ROAD (M)	TR
	LOCAL TERMINAL ROAD (M)	T
	DOWN SUBURBAN TO SIGNAL 258 (S)	DS
DOWN LOCAL (M)	DL	

SIGNAL	DESTINATION	INDICATION
ST 281 G	DOWN GOODS LINE (M)	-
	DOWN GOODS LINE (S)	DG
	UP GOODS LINE (M)	-
	UP GOODS LINE (S)	UG



SECTION : **FLEMINGTON TO LIDCOMBE**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE : 1 OF 3  
 UPDATED TO : 3 October 2023

GRADIENT	
1 IN 86	
1 IN 100	
1 IN 85	
1 IN 127	
1 IN 165	
1 IN 400	
1 IN 142	
1 IN 300	
1 IN 132	
1 IN 200	
1 IN 400	
1 IN 220	
1 IN 165	
1 IN 174	
1 IN 165	
1 IN 83	

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**  
 RADIO AREA CODE : **037 (FLEMINGTON)**  
**038 (LIDCOMBE)**

**PONR**

POINTS OF NO RETURN

SIGNAL No.	LOCATION	DESTINATIONS
ST 299 S	COUNTRY END OF FLEMINGTON PLATFORM No. 4 DOWN SUBURBAN	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 301 DG	DOWN FLEMINGTON GOODS 14.645 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 302 UHBE	UP HOMEBUSH BAY EAST FORK AT 14.861 KM	NORTH STRATHFIELD GOODS LINE, MASTER SIDING OR FLEMINGTON STATION
ST 303 M	DOWN MAIN LINE 14.606 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 313 DHBE	DOWN HOMEBUSH BAY EAST FORK 14.851 KM	FLEMINGTON MAINTENANCE CENTRE
ST 382 M	UP MAIN LINE 15.178 KM	FLEMINGTON MAINTENANCE CENTRE
ST 388 S	UP SUBURBAN LINE 15.670 KM	FLEMINGTON MAINTENANCE CENTRE
ST 373 DHBW	DOWN HOMEBUSH BAY WEST FORK 15.733 KM	SHUTTLE PLATFORM
ST 450 SR	SHUTTLE ROAD 16.000 KM	UP OR DOWN FLEMINGTON GOODS
ST 390 M	UP MAIN LINE 16.111 KM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 395 S	DOWN MAIN LINE 16.200 KM	MAIN SOUTH OR BANKSTOWN VIA REGENT PARK
ST 400 S	LIDCOMBE, SYDNEY END OF No. 4 PLATFORM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 398 S	LIDCOMBE UP SUBURBAN	UP ENFIELD WEST FORK OR OLYMPIC PARK

**LIDCOMBE**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN SUBURBAN TRAINS	No. 4 PLATFORM	THE UP SUBURBAN LINE, THE UP MAIN LINE, THE CEMETERY SIDING
UP SUBURBAN TRAINS	No. 3 PLATFORM	SHUNT FORWARD AND THEN RETURN TO THE DOWN SUBURBAN LINE
SHUTTLE ROAD	No. 0 PLATFORM	RETURN TO UP HOMEBUSH WEST FORK OR THE DOWN WEST FORK

SIGNAL	DESTINATION	INDICATION
ST 307 UG	DOWN HOMEBUSH BAY (M)	DH
	DOWN HOMEBUSH BAY (S)	DH
	TRANSFER ROAD(S)	TR
	DOWN GOODS(M)	DG
	DOWN GOODS(S)	DG
	UP GOODS (M )	-
	UP GOODS (S)	UG

SIGNAL	DESTINATION	INDICATION
ST 303 M	DOWN MAIN(M)	-
	DOWN MAIN(S)	-
	ARRIVAL ROAD(S)	AR
	DOWN HOMEBUSH BAY FORK(M)	-
	DOWN HOMEBUSH BAY FORK(S)	DH

SIGNAL	DESTINATION	INDICATION
ST 301 DG	DOWN HOMEBUSH BAY(M)	
	TRANSFER ROAD(S)	TR
	DOWN GOODS(M)	
	DOWN HOMEBUSH BAY (S)	DH
	DOWN GOODS(S)	DG

SIGNAL	DESTINATION	INDICATION
ST 348	UP GOODS LINE(M)	-
	UP GOODS LINE(S)	UG
	DOWN GOODS LINE(M)	-
	DOWN GOODS LINE(S)	DG

SIGNAL	DESTINATION	INDICATION
ST 390 M	UP HOMEBUSH BAY (M)	U
	UP HOMEBUSH BAY (S)	-
	DOWN HOMEBUSH BAY (M)	D
	DOWN HOMEBUSH BAY (S)	-
	UP ENFIELD WEST FORK (M)	E
	UP ENFIELD WEST FORK (S)	-
	UP MAIN (M)	-
	UP MAIN (S)	-

SIGNAL	DESTINATION	INDICATION
ST 373 DHBW	DOWN HOMEBUSH BAY (M)	-
	DOWN HOMEBUSH BAY (S)	DH
	SHUTTLE ROAD (M)	-
	SHUTTLE ROAD (S)	SR

SIGNAL	DESTINATION	INDICATION
328	UP MAIN(S)	UM
	UP SUBURBAN(S)	US

SIGNAL	DESTINATION	INDICATION
ST 297 M	DOWN MAIN(M)	
	DOWN MAIN(S)	DM
	UP HOMEBUSH BAY FORK(S)	UH

SIGNAL	DESTINATION	INDICATION
309	TRANSFER ROAD(S)	TR
	DOWN HOMEBUSH BAY FORK(S)	DH

SIGNAL	DESTINATION	INDICATION
304	UP GOODS LINE(S)	UG
	DOWN GOODS LINE(S)	DG
	UP HOMEBUSH BAY FORK(S)	UH

SIGNAL	DESTINATION	INDICATION
ST 302 UHBE	UP GOODS LINE(M)	UG
	UP GOODS LINE(S)	UG
	DOWN GOODS LINE(M)	DG
	DOWN GOODS LINE(S)	DG
	UP MAIN(M)	-
	UP HOMEBUSH BAY(S)	UH
	UP SUBURBAN(M)	US

SIGNAL	DESTINATION	INDICATION
ST 400 S	UP MAIN (M)	M
	UP MAIN (S)	-
	UP SUBURBAN (M)	S
	UP SUBURBAN (S)	-
	CEMETERY SIDING (S)	-

SIGNAL	DESTINATION	INDICATION
ST 382 M	UP MAIN(M)	-
	UP MAIN(S)	UM
	CAR SIDINGS(S)	CS

LENGTHS OF ROADS (1 SUBURBAN CAR = APPROX 20.4 METERS )			
TITLE	FROM	TO	METERS
CEMETERY SIDING	BUFFER STOP	SIGNAL 409	179

**STOWING TWO 4 CAR ELECTRIC TRAINS IN THE LIDCOMBE CEMETERY SIDING**

THE FIRST 4 CAR TRAIN WILL BE ADMITTED INTO THE SIDING ON AUTHORITY OF SIGNAL **ST 400 S (C)**.

THE TRAIN MUST BE BROUGHT TO A STAND AT THE FIXED STOP LOCATED 5 METRES ON THE LIDCOMBE SIDE OF THE STOP BLOCK.THE DRIVER MUST THEN TRIP PAST AND PROCEED TO THE STOP BLOCK.

THE SIGNALLER OR CERTIFIED SAFEWORKING EMPLOYEE WILL THEN INSTRUCT THE GUARD TO PILOT THE SECOND FOUR CAR TRAIN INTO THE OCCUPIED SIDING WHEN THE No. **ST 400 S (C)** SHUNTING SIGNALS CLEARED FOR THE MOVEMENT.

**NOTE : IF A 6 CAR OR 8 CAR SET IS TO BE ADMITTED TO THE CEMETERY SIDING, THE DRIVER IS TO PROCEED UP TO THE FIXED TRAIN STOP WITHOUT TRIPPING PAST IT.**

**LIDCOMBE**  
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN SUBURBAN TRAINS	No. 4 PLATFORM	THE UP SUBURBAN LINE ,THE UP MAIN LINE,THE CEMETERY SIDING
UP SUBURBAN TRAINS	No. 3 PLATFORM	SHUNT FORWARD AND THEN RETURN TO THE DOWN SUBURBAN LINE
SHUTTLE ROAD	No. 0 PLATFORM	RETURN TO UP HOMEBUSH WEST FORK OR THE DOWN WEST FORK

**SHUNTING OF ELECTRIC TRAINS TO AND FROM THE UP GOODS LINE AT FLEMINGTON DURING SPECIAL EVENTS**

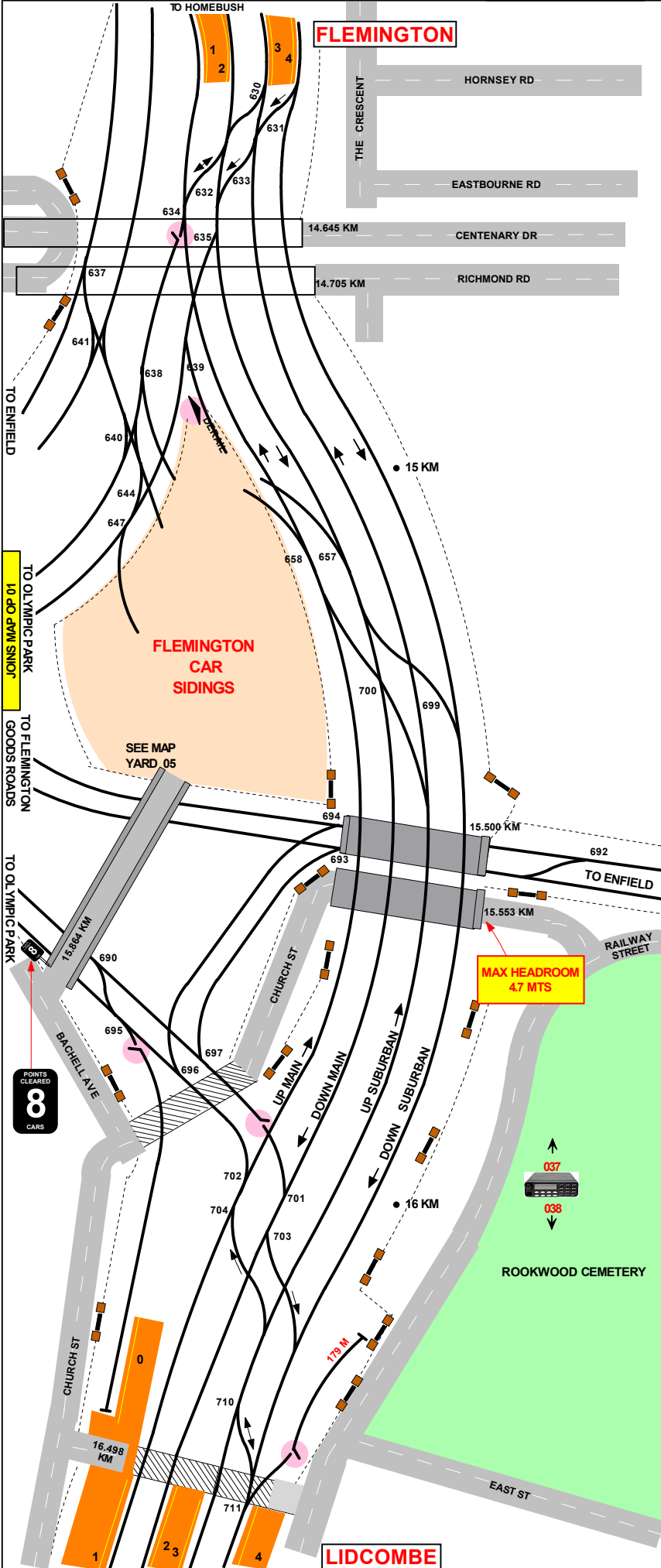
A MAXIMUM OF (4) FOUR (8) EIGHT CAR SETS WILL BE PERMITTED TO ENTER THE UP FLEMINGTON UP GOODS LINE . FOUR CAR MARKERS ARE PROVIDED AT (EIGHT) CAR INTERVALS INDICATING POSITIONS 1 TO 4

A CERTIFIED SAFEWORKING EMPLOYEE MUST BE PLACED IN CHARGE OF THE SHUNTING ARRANGEMENTS AND THE DRIVERS OF ALL ELECTRIC TRAINS MUST CARRY OUT THE DIRECTIONS OF THE SAFEWORKING EMPLOYEE IN CHARGE

SECTION : **FLEMINGTON TO LIDCOMBE**  
MAP SET : **CENTRAL TO MACARTHUR**  
PAGE: 2 OF 3  
UPDATED TO : 20 AUGUST 2010

**PONR**  
POINTS OF NO RETURN

SIGNAL No.	LOCATION	DESTINATIONS
ST 299 S	COUNTRY END OF FLEMINGTON PLATFORM No. 4 DOWN SUBURBAN	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 301 DG	DOWN FLEMINGTON GOODS 14.645 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 303 M	DOWN MAIN LINE 14.606 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 313 DHBE	DOWN HOMEBUSH BAY EAST FORK 14.851 KM	FLEMINGTON MAINTENANCE CENTRE
ST 382 M	UP MAIN LINE 15.178.KM	FLEMINGTON MAINTENANCE CENTRE
ST 388 S	UP SUBURBAN LINE 15.670 KM	FLEMINGTON MAINTENANCE CENTRE
ST 373 DHBW	DOWN HOMEBUSH BAY WEST FORK 16.444 KM	SHUTTLE PLATFORM
ST 450 SR	SHUTTLE ROAD 16.000 KM	UP OR DOWN FLEMINGTON GOODS
ST 390 M	UP MAIN LINE 16.111 KM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 395 S	DOWN MAIN LINE 16.201 KM	MAIN SOUTH OR BANKSTOWN VIA REGENT PARK
ST 400 S	LIDCOMBE ,SYDNEY END OF No. 4 PLATFORM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 398 S	LIDCOMBE UP SUBURBAN	UP ENFIELD WEST FORK OR OLYMPIC PARK



SECTION : **FLEMINGTON TO LIDCOMBE**  
 MAP SET : CENTRAL TO MACARTHUR  
 PAGE : 3 OF 3  
 UPDATED TO : 21 July 2019

**INFORMATION**

CONTROLLED FROM : RAIL OPERATIONS CENTRE  
 RADIO AREA CODE : 037 (FLEMINGTON)  
 038 (LIDCOMBE)

**PONR**

POINTS OF NO RETURN

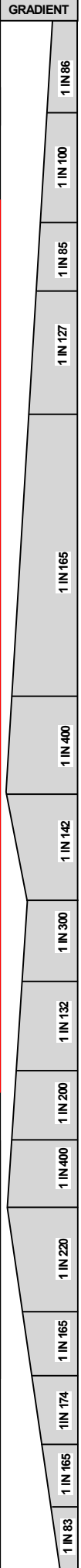
SIGNAL No.	LOCATION	DESTINATIONS
ST 299 S	COUNTRY END OF FLEMINGTON PLATFORM No. 4 DOWN SUBURBAN 14.428 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 301 DG	DOWN FLEMINGTON GOODS 14.645 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 303 M	DOWN MAIN LINE 14.606 KM	FLEMINGTON MAINTENANCE CENTRE OR OLYMPIC PARK
ST 313 DHBE	DOWN HOMEBUSH BAY EAST FORK 14.851 KM	FLEMINGTON MAINTENANCE CENTRE
ST 382 M	UP MAIN LINE 15.178 KM	FLEMINGTON MAINTENANCE CENTRE
ST 388 S	UP SUBURBAN LINE 15.670 KM	FLEMINGTON MAINTENANCE CENTRE
ST 373 DHBW	DOWN HOMEBUSH BAY WEST FORK 16.644 KM	SHUTTLE PLATFORM
ST 450 SR	SHUTTLE ROAD 16.000 KM	UP OR DOWN FLEMINGTON GOODS
ST 390 M	UP MAIN LINE 16.111 KM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 395 M	DOWN MAIN LINE 16.201 KM	MAIN SOUTH OR BANKSTOWN VIA REGENTS PARK
ST 400 S	LIDCOMBE SYDNEY END OF No. 4 PLATFORM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 398 S	LIDCOMBE UP SUBURBAN	UP ENFIELD WEST FORK OR OLYMPIC PARK

**LIDCOMBE**

**LIDCOMBE**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN SUBURBAN TRAINS	No. 4 PLATFORM	THE UP SUBURBAN LINE, THE UP MAIN LINE, THE CEMETERY SIDING OR SHUNT FORWARD
UP SUBURBAN TRAINS	No. 3 PLATFORM	SHUNT FORWARD AND THEN RETURN TO THE DOWN SUBURBAN LINE
SHUTTLE ROAD	No. 0 PLATFORM	RETURN TO UP HOMEBUSH WEST FORK OR THE DOWN HOMEBUSH WEST FORK

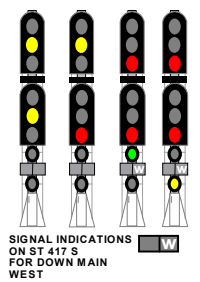
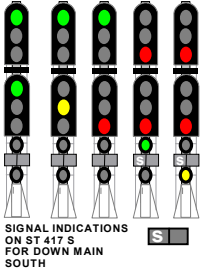
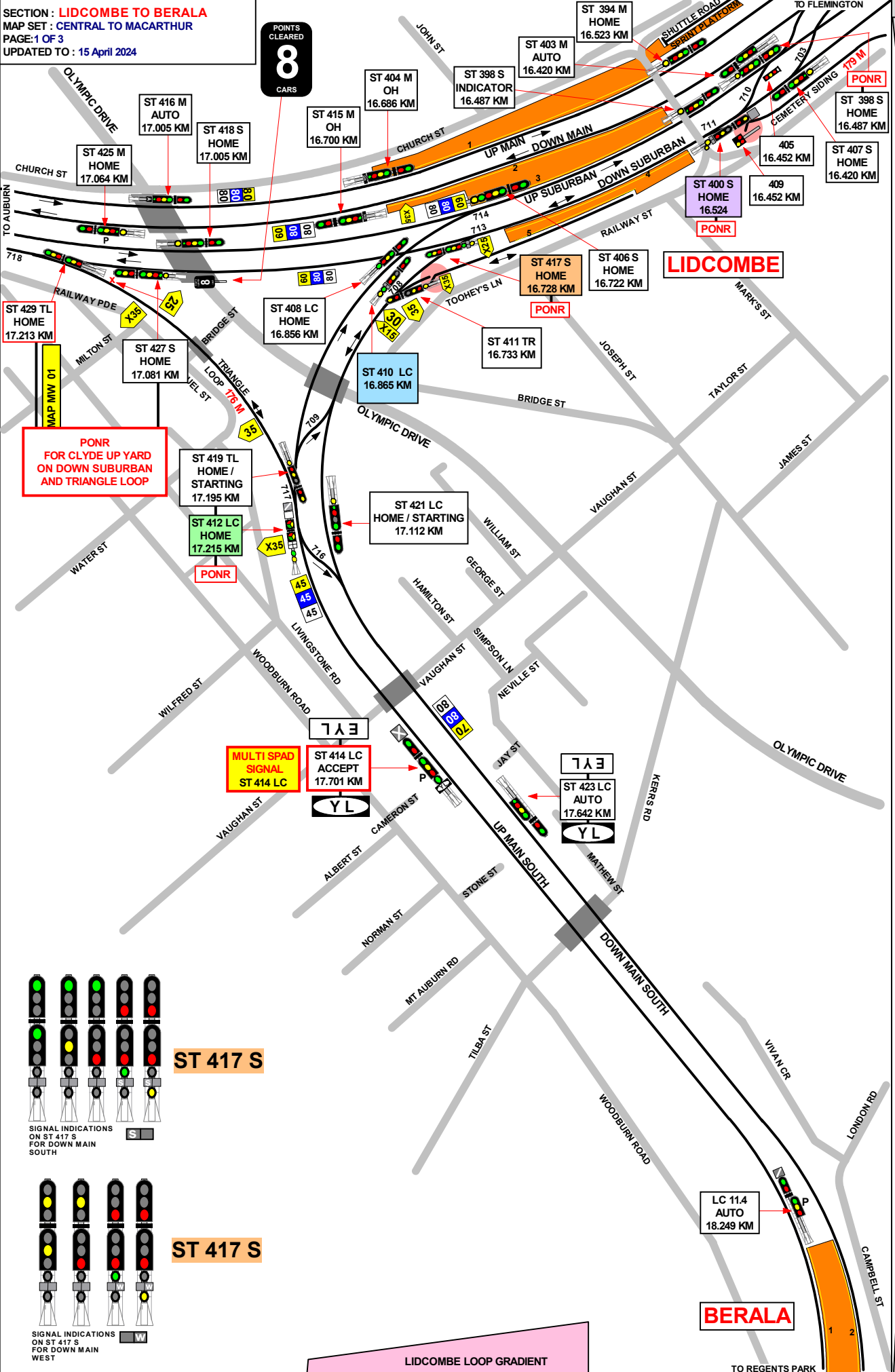




SECTION: LIDCOMBE TO BERALA  
MAP SET: CENTRAL TO MACARTHUR  
PAGE: 1 OF 3  
UPDATED TO: 15 April 2024

POINTS  
CLEARED  
**8**  
CARS

GRADIENT	LEVEL
1 IN 220	
1 IN 165	
1 IN 174	
1 IN 165	
1 IN 83	
1 IN 176	
1 IN 230	



LIDCOMBE		
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN SUBURBAN TRAINS	No. 4 PLATFORM	THE UP SUBURBAN LINE, THE UP MAIN LINE, THE CEMETERY SIDING OR SHUNT FORWARD AND THEN RETURN TO No. 3 PLATFORM
UP SUBURBAN TRAINS	No. 3 PLATFORM	SHUNT FORWARD AND THEN RETURN TO THE DOWN SUBURBAN LINE
SHUTTLE ROAD TRAINS	No. 0 PLATFORM	RETURN TO UP HOMEBUSH WEST FORK OR THE DOWN HOMEBUSH WEST FORK

BERALA		
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
UP MAIN TRAINS	No. 1 PLATFORM	SHUNT TO LIDCOMBE LOOP THEN RETURN ON DOWN MAIN

LENGTHS OF ROADS (1 SUBURBAN CAR = APPROX 20.4 METRES )			
TITLE	FROM	TO	METRES
CEMETERY SIDING	BUFFER STOP	SIGNAL 409	179
LIDCOMBE LOOP	ST 429 GL	ST 419 GL	176

PONR		
POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
ST 398 S	LIDCOMBE UP SUBURBAN	UP ENFIELD WEST FORK OR OLYMPIC PARK
ST 400 S	LIDCOMBE SYDNEY END OF No. 4 PLATFORM	OLYMPIC PARK OR ENFIELD OR UP OR DOWN FLEMINGTON GOODS
ST 417 S	LIDCOMBE DOWN SUBURBAN	DOWN WEST SUBURBAN OR DOWN MAIN SOUTH
ST 420 M	UP MAIN	LIDCOMBE GOODS LOOP TO BERALA
ST 422 S	UP SUBURBAN	LIDCOMBE GOODS LOOP TO BERALA
ST 412 LC	UP MAIN SOUTH	GOODS LOOP TO AUBURN VIA DOWN SUBURBAN OR DOWN MAIN

SIGNAL	DESTINATION	INDICATION
420	UP MAIN (M)	-
	UP MAIN (S)	-
	UP SUBURBAN (M)	-
	UP SUBURBAN (S)	-
	GOODS LOOP (M)	GL
GOODS LOOP (S)	-	

SIGNAL	DESTINATION	INDICATION
400	UP MAIN (M)	M
	UP MAIN (S)	-
	UP SUBURBAN (M)	S
	UP SUBURBAN (S)	-
	CEMETERY SIDING (S)	-

SIGNAL	DESTINATION	INDICATION
417	DOWN MAIN SOUTH (M)	-
	DOWN MAIN SOUTH (S)	S
	DOWN SUBURBAN (M)	-
	DOWN SUBURBAN (S)	W

SIGNAL	DESTINATION	INDICATION
422	UP SUBURBAN (M)	-
	UP SUBURBAN (S)	-
	GOODS LOOP (S)	-
	GOODS LOOP (M)	GL

SIGNAL	DESTINATION	INDICATION
396	WORKS SIDING (NO LONGER THERE)	WS
	UP MAIN	UM

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

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

SECTION : **LIDCOMBE TO BERALA**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE: 2 OF 3  
 UPDATED TO : 31 October 2023

**INFORMATION**

CONTROLLED FROM : **RAIL OPERATIONS CENTRE**  
 RADIO AREA CODE : 038 (LIDCOMBE)

**SPECIAL POINTS OF INTEREST**

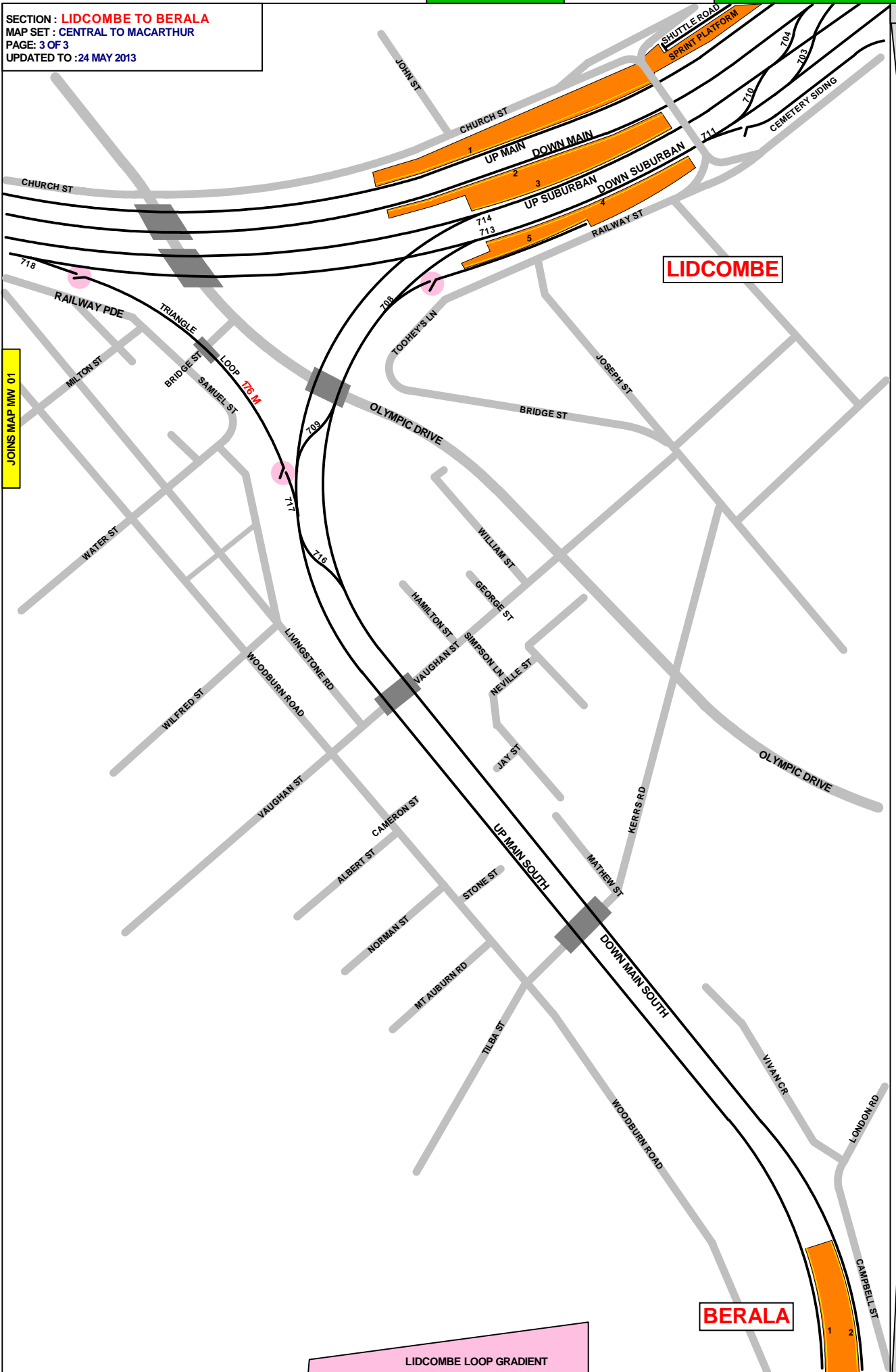
**LIDCOMBE**

TONNEAGE SIGNALS  
 SIGNALS No. **ST 420 M** & **ST 422 S** ARE FITTED WITH A TONNEAGE WARNING PLATE.

STOWING TWO 4 CAR ELECTRIC TRAINS IN THE LIDCOMBE CEMETERY SIDING	
THE FIRST 4 CAR TRAIN WILL BE ADMITTED INTO THE SIDING ON AUTHORITY OF SIGNAL <b>ST 400 S (C)</b> .	THE TRAIN MUST BE BROUGHT TO A STAND AT THE FIXED STOP LOCATED 5 METRES ON THE LIDCOMBE SIDE OF THE STOP BLOCK. THE DRIVER MUST THEN TRIP PAST AND PROCEED TO THE STOP BLOCK.
THE SIGNALLER OR CERTIFIED SAFEWORKING EMPLOYEE WILL THEN INSTRUCT THE GUARD TO PILOT THE SECOND FOUR CAR TRAIN INTO THE OCCUPIED SIDING WHEN THE No. <b>ST 400 S (C)</b> SHUNTING SIGNAL IS CLEARED FOR THE MOVEMENT.	<b>NOTE : IF A 6 CAR OR 8 CAR SET IS TO BE ADMITTED TO THE CEMETERY SIDING, THE DRIVER IS TO PROCEED UP TO THE FIXED TRAIN STOP WITHOUT TRIPPING PAST IT.</b>

SECTION : LIDCOMBE TO BERALA  
MAP SET : CENTRAL TO MACARTHUR  
PAGE: 3 OF 3  
UPDATED TO :24 MAY 2013

GRADIENT



1 IN 220

1 IN 165

1 IN 174

1 IN 165

1 IN 83

LEVEL

1 IN 176

1 IN 176

1 IN 176

1 IN 176

1 IN 176

1 IN 176

1 IN 230

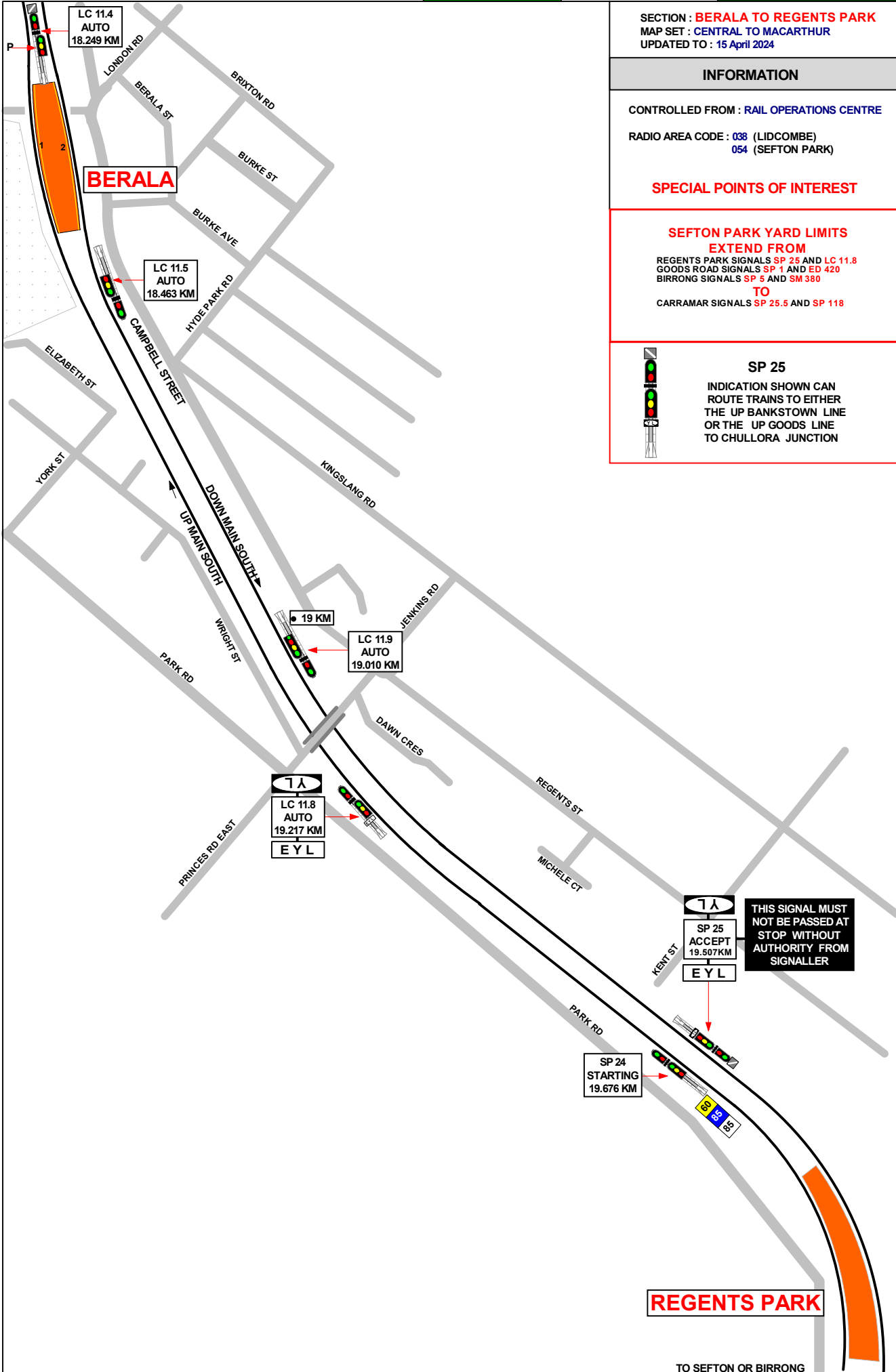
JOINS MAP MW 01

LIDCOMBE

BERALA

LIDCOMBE LOOP GRADIENT

TO LIDCOMBE



SECTION : **BERALA TO REGENTS PARK**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 15 April 2024

**INFORMATION**

CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 038 (LIDCOMBE)  
 054 (SEFTON PARK)

**SPECIAL POINTS OF INTEREST**

**SEFTON PARK YARD LIMITS  
 EXTEND FROM**

REGENTS PARK SIGNALS **SP 25** AND **LC 11.8**  
 GOODS ROAD SIGNALS **SP 1** AND **ED 420**  
 BIRRONG SIGNALS **SP 5** AND **SM 380**  
**TO**  
 CARRAMAR SIGNALS **SP 25.5** AND **SP 118**



**SP 25**

INDICATION SHOWN CAN  
 ROUTE TRAINS TO EITHER  
 THE UP BANKSTOWN LINE  
 OR THE UP GOODS LINE  
 TO CHULLORA JUNCTION

GRADIENT

1 IN 230

LEVEL

1 IN 80

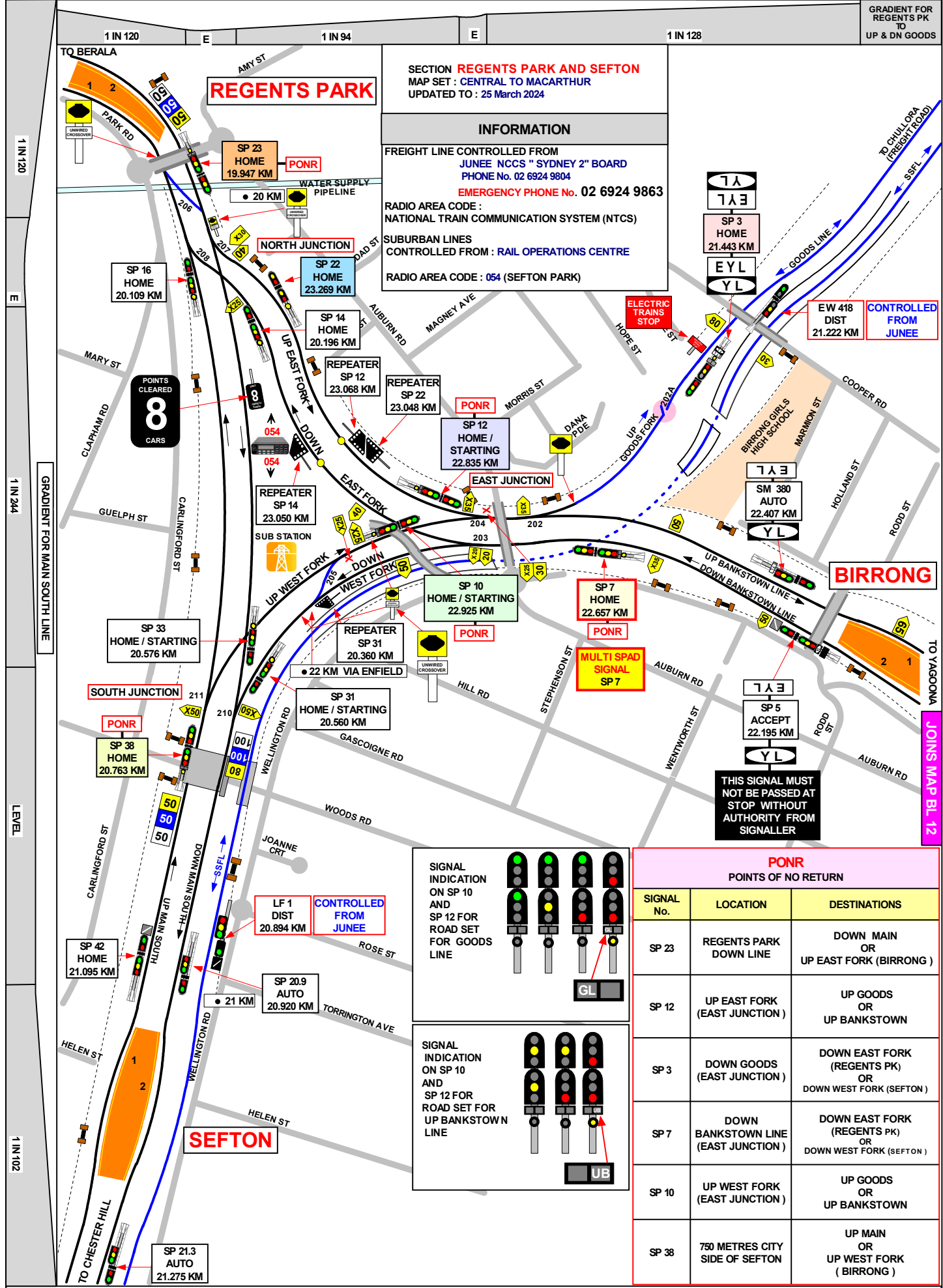
LEVEL

1 IN 120

**REGENTS PARK**

TO SEFTON OR BIRRONG

GRADIENT FOR REGENTS PK TO UP & DN GOODS



**SECTION REGENTS PARK AND SEFTON**  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 25 March 2024

**INFORMATION**

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 2" BOARD  
 PHONE No. 02 6924 9804  
 EMERGENCY PHONE No. 02 6924 9863

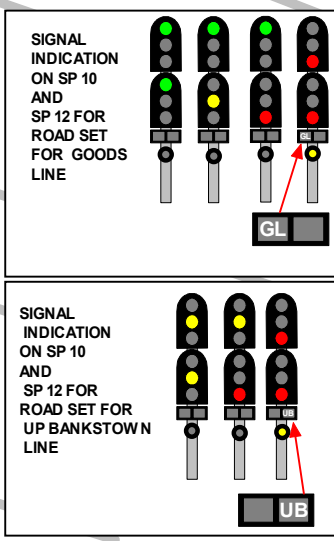
RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)  
 SUBURBAN LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE  
 RADIO AREA CODE : 054 (SEFTON PARK)

POINTS CLEARED  
 8  
 CARS

EW 418 DIST 21.222 KM  
 CONTROLLED FROM JUNEE

MULTI SPAD SIGNAL SP 7

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



PONR POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
SP 23	REGENTS PARK DOWN LINE	DOWN MAIN OR UP EAST FORK (BIRROING)
SP 12	UP EAST FORK (EAST JUNCTION)	UP GOODS OR UP BANKSTOWN
SP 3	DOWN GOODS (EAST JUNCTION)	DOWN EAST FORK (REGENTS PK) OR DOWN WEST FORK (SEFTON)
SP 7	DOWN BANKSTOWN LINE (EAST JUNCTION)	DOWN EAST FORK (REGENTS PK) OR DOWN WEST FORK (SEFTON)
SP 10	UP WEST FORK (EAST JUNCTION)	UP GOODS OR UP BANKSTOWN
SP 38	750 METRES CITY SIDE OF SEFTON	UP MAIN OR UP WEST FORK (BIRROING)

SIGNAL	DESTINATION	INDICATION
SP 3	DOWN WEST FORK(M)	-
	DOWN WEST FORK (S)	W F
	UP EAST FORK (M)	-
	UP EAST FORK (S)	E F

SIGNAL	DESTINATION	INDICATION
SP 7	DOWN WEST FORK(M)	-
	DOWN WEST FORK (S)	W F
	DOWN EAST FORK (M)	-
	DOWN EAST FORK (S)	E F

SIGNAL	DESTINATION	INDICATION
SP 10	UP GOODS (M)	-
	UP GOODS (S)	UG
	UP BANKSTOWN (M)	-
	UP BANKSTOWN(S)	U B

SIGNAL	DESTINATION	INDICATION
SP 12	UP GOODS (M)	-
	UP GOODS (S)	UG
	UP BANKSTOWN (M)	-
	UP BANKSTOWN(S)	U B

SIGNAL	DESTINATION	INDICATION
SP 22	UP MAIN (M)	-
	UP MAIN (S)	-

SIGNAL	DESTINATION	INDICATION
SP 23	UP EAST FORK (M)	-
	UP EAST FORK (S)	E F
	DOWN MAIN (M)	-
	DOWN MAIN (S)	D M

SIGNAL	DESTINATION	INDICATION
SP 38	UP MAIN (M)	-
	UP MAIN (S)	U M
	UP WEST FORK (M)	-
	UP WESTFORK (S)	W F

PONR POINTS OF NO RETURN		
SIGNAL No.	LOCATION	DESTINATIONS
SP 23	REGENTS PARK DOWN LINE	DOWN MAIN OR UP EAST FORK (BIRRONG )
SP 12	UP EAST FORK (EAST JUNCTION )	UP GOODS OR UP BANKSTOWN
SP 3	DOWN GOODS (EAST JUNCTION )	DOWN EAST FORK (REGENTS PK) OR DOWN WEST FORK (SEFTON )
SP 7	DOWN BANKSTOWN LINE (EAST JUNCTION )	DOWN EAST FORK (REGENTS PK) OR DOWN WEST FORK (SEFTON )
SP 10	UP WEST FORK (EAST JUNCTION )	UP GOODS OR UP BANKSTOWN
SP 38	750 METRES CITY SIDE OF SEFTON	UP MAIN OR UP WEST FORK ( BIRRONG )

SECTION : **BIRRONG TO REGENTS PARK AND SEFTON**  
 MAP SET : SYDENHAM TO REGENTS PARK  
 UPDATED TO : 13 May 2024

**INFORMATION**

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 2" BOARD  
 PHONE No. 02 6924 9804  
**EMERGENCY PHONE No. 02 6924 9863**


RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SUBURBAN LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 054 (SEFTON PARK)

**SEFTON PARK YARD LIMITS  
 EXTEND FROM**  
 REGENTS PARK SIGNALS **SP 25** AND **LC 11.8**  
 GOODS ROAD SIGNALS **SP 1** AND **ED 420**  
 BIRRONG SIGNALS **SP 5** AND **SM 380**  
**TO**  
 CARRAMAR SIGNALS **SP 25.5** AND **SP 118**


**SP 5**



INDICATION SHOW N ROUTES TRAINS TO THE UP SOUTH MAIN VIA THE DOWN N EAST FORK AND REGENTS PARK

**BIRRONG**


**SP 25**



INDICATION SHOW N CAN ROUTE TRAINS TO EITHER THE UP BANKSTOWN N LINE OR THE UP GOODS LINE TO CHULLORA JUNCTION

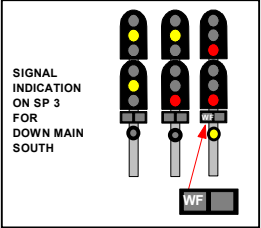
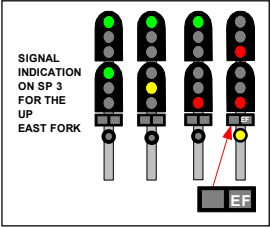
**REGENTS PARK**

**SP 42**

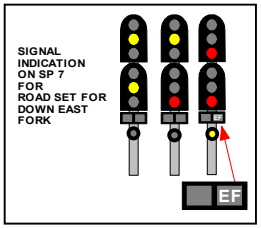
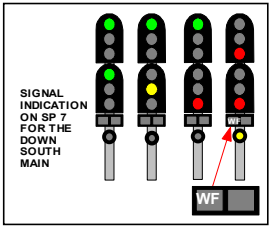


INDICATION SHOW N CAN ROUTE TRAINS TO EITHER THE UP BANKSTOWN N LINE OR THE UP GOODS LINE TO CHULLORA JUNCTION

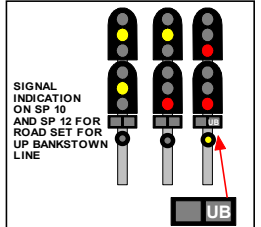
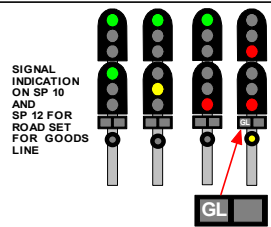
**SEFTON**



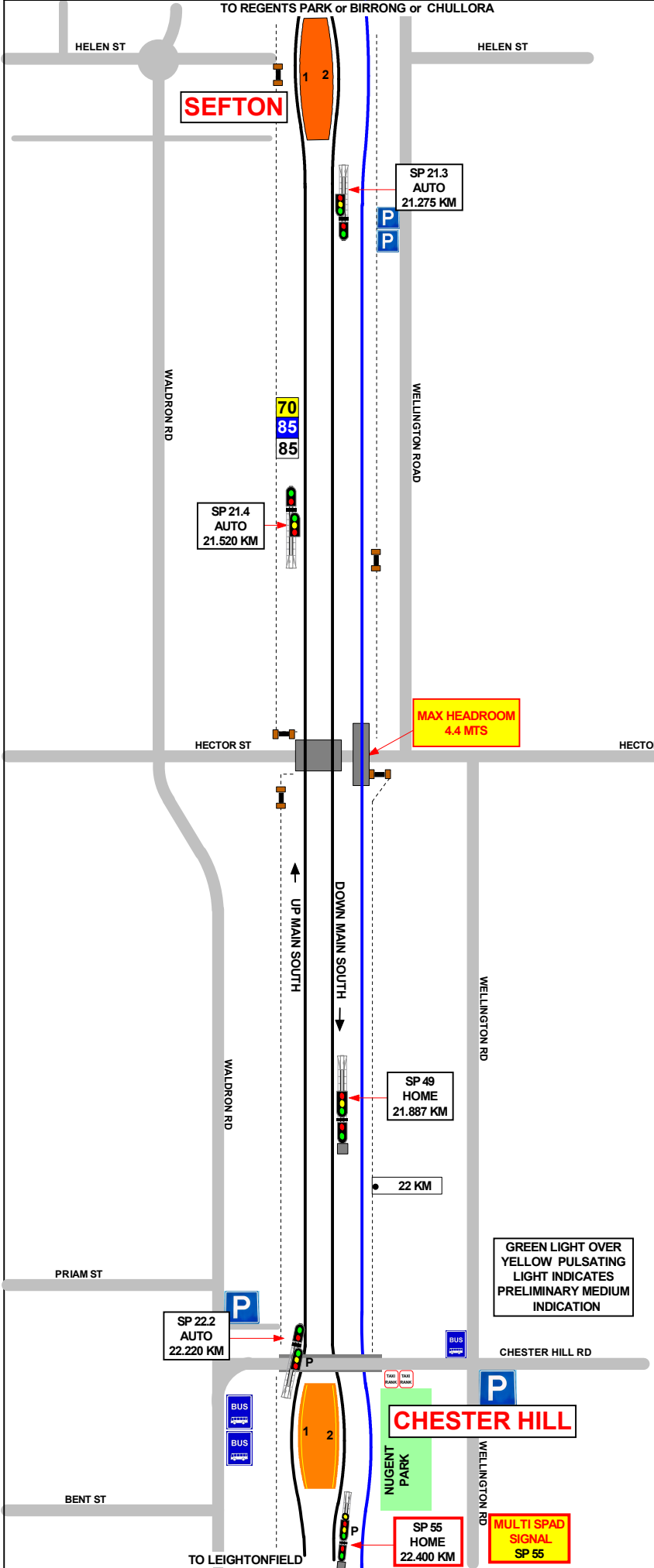
**SP 3**



**SP 7**



**SP 10 & SP 12**



SECTION : SEFTON TO CHESTER HILL  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 25 November 2021

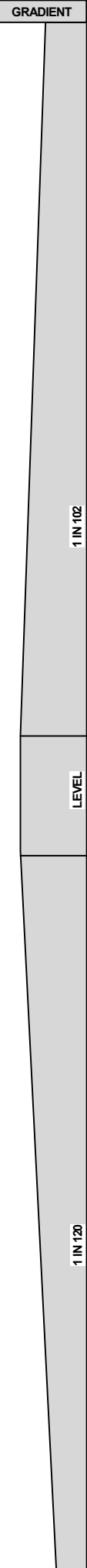
**INFORMATION**

FREIGHT LINE CONTROLLED FROM  
 JUNE NCCS " SYDNEY 2" BOARD  
 PHONE No. 02 6924 9804  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SUBURBAN LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 054 (SEFTON PARK)



SECTION : CHESTER HILL TO VILLAWOOD  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 31 October 2023

INFORMATION

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**  
 RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)  
 SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE  
 RADIO AREA CODE : 054 (SEFTON PARK)

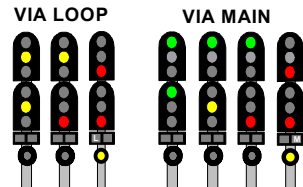
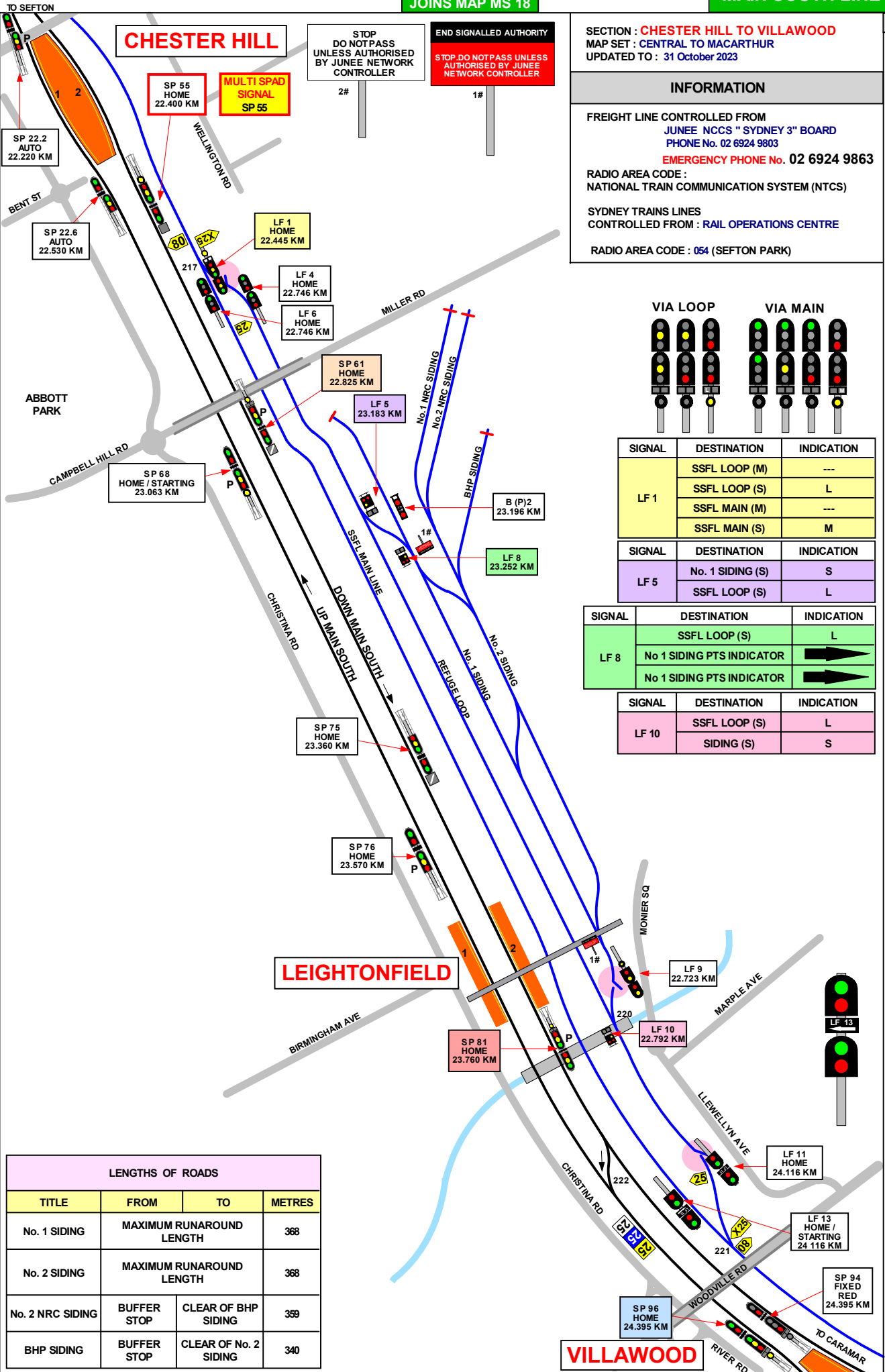
GRADIENT

1 IN 120

1 IN 100

LEVEL

1 IN 110



SIGNAL	DESTINATION	INDICATION
LF 1	SSFL LOOP (M)	---
	SSFL LOOP (S)	L
	SSFL MAIN (M)	---
	SSFL MAIN (S)	M

SIGNAL	DESTINATION	INDICATION
LF 5	No. 1 SIDING (S)	S
	SSFL LOOP (S)	L

SIGNAL	DESTINATION	INDICATION
LF 8	SSFL LOOP (S)	L
	No 1 SIDING PTS INDICATOR	→
	No 1 SIDING PTS INDICATOR	→

SIGNAL	DESTINATION	INDICATION
LF 10	SSFL LOOP (S)	L
	SIDING (S)	S

LENGTHS OF ROADS			
TITLE	FROM	TO	METRES
No. 1 SIDING	MAXIMUM RUNAROUND LENGTH		368
No. 2 SIDING	MAXIMUM RUNAROUND LENGTH		368
No. 2 NRC SIDING	BUFFER STOP	CLEAR OF BHP SIDING	359
BHP SIDING	BUFFER STOP	CLEAR OF No. 2 SIDING	340



SECTION : **CHESTER HILL TO VILLAWOOD**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 31 October 2023

**INFORMATION**

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SYDNEY TRAINS LINES  
 CONTROLLED FROM : **RAIL OPERATIONS CENTRE**

RADIO AREA CODE : 054 (SEFTON PARK)

VILLAWOOD		
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
UP MAIN TRAINS	No. 1 PLATFORM	CHANGE ENDS RETURN TO DOWN MAIN VIA 224 POINTS
DOWN MAIN TRAINS	No. 2 PLATFORM	SHUNT FORWARDS ON DOWN MAIN EIGHT CARS PASS SP 100 RETURN VIA 224 POINTS TO No.1 PLATFORM
DOWN MAIN TRAINS	No.1 PLATFORM	RETURN IN THE UP DIRECTION

SIGNAL	DESTINATION	INDICATION
SP 70	REFUGE LOOP(S)	RL
	No.1 SIDING (IND)(P)1	→
	No.1 SIDING (IND)(P)2	→
SIGNAL	DESTINATION	INDICATION
SP 81	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM
	UP MAIN (M)	-
	UP MAIN (S)	UM
SIGNAL	DESTINATION	INDICATION
SP 94	REFUGE LOOP (M)	-
	REFUGE LOOP (S)	RL
SIGNAL	DESTINATION	INDICATION
SP 96	UP MAIN(M)	-
	UP MAIN (S)	UM

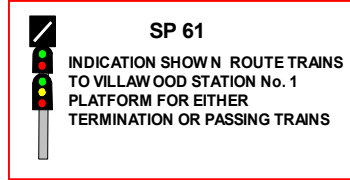
LENGTHS OF ROADS (1 SUBURBAN CAR = APPROX 20.4 METRES )			
TITLE	FROM	TO	METRES
No. 1 SIDING	MAXIMUM RUNAROUND LENGTH		368
No. 2 SIDING	MAXIMUM RUNAROUND LENGTH		368
STORAGE SIDING	BUFFER STOP	CLEAR OF MILLER ROAD SIDING	80
MILLER ROAD SIDING	BUFFER STOP	CLEAR OF STORAGE SIDING	275
No. 1 NRC SIDING	BUFFER STOP	CLEAR OF No. 2 NRC SIDING	359
No. 2 NRC SIDING	BUFFER STOP	CLEAR OF No. 1 NRC SIDING	359
BHP SIDING	BUFFER STOP	CLEAR OF No. 2 SIDING	340 APPROX.

**SEFTON PARK YARD LIMITS  
 EXT END FROM**

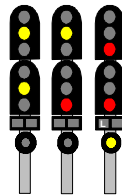
REGENTS PARK SIGNALS **SP 25** AND **LC 11.8**  
 GOODS ROAD SIGNALS **SP 1** AND **ED 420**  
 BIRROG SIGNALS **SP 5** AND **SM 380**

**TO**

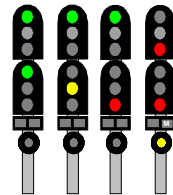
CARRAMAR SIGNALS **SP 25.5** AND **SP 118**



**VIA LOOP**



**VIA MAIN**



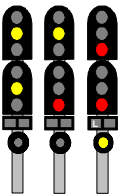
SIGNAL	DESTINATION	INDICATION
LF 1	SSFL LOOP (M)	---
	SSFL LOOP (S)	L
	SSFL MAIN (M)	---
	SSFL MAIN (S)	M

SIGNAL	DESTINATION	INDICATION
LF 5	SSFL LOOP (S)	L
	SIDING (S)	S

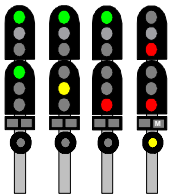
SIGNAL	DESTINATION	INDICATION
LF 8	SIDING (S)	S
	SSFL LOOP (S)	L

SIGNAL	DESTINATION	INDICATION
LF 10	SSFL LOOP (S)	L
	SIDING (S)	S

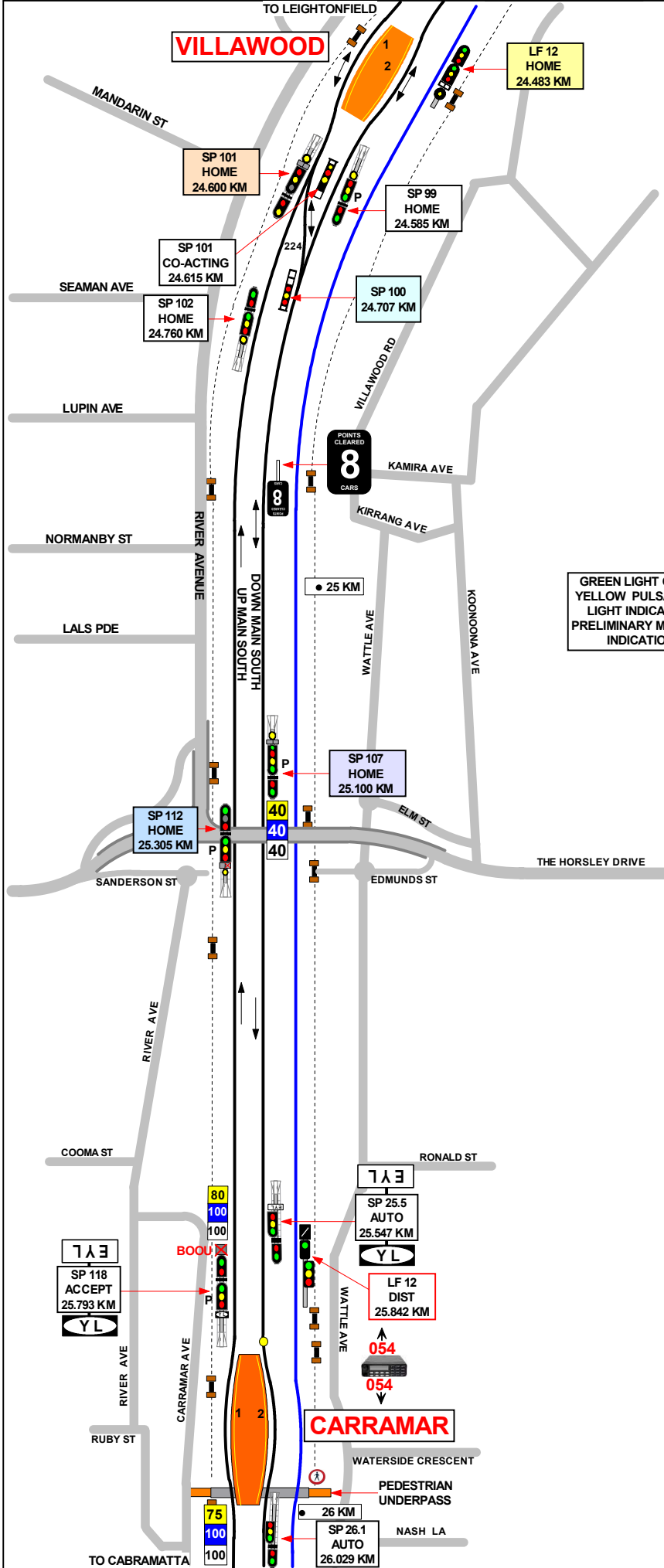
**VIA LOOP**



**VIA MAIN**



SIGNAL	DESTINATION	INDICATION
LF 12	SSFL MAIN (M)	---
	SSFLMAIN (S)	M
	SSFL LOOP (M)	---
	SSFL LOOP (S)	L



SECTION : **VILLAWOOD TO CARRAMAR**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 31 October 2023

GRADIENT

**INFORMATION**

FREIGHT LINE CONTROLLED FROM  
 JUNE E NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 054 (SEFTON PARK)

**SPECIAL POINTS OF INTEREST**

**VILLAWOOD**

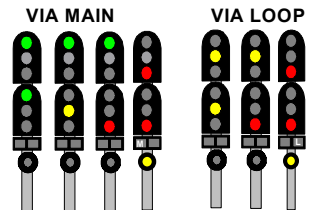
**VILLAWOOD**  
 TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
UP MAIN TRAINS	No. 1 PLATFORM	CHANGE ENDS RETURN TO DOWN MAIN VIA 224 POINTS
DOWN MAIN TRAINS	No. 2 PLATFORM	SHUNT FORWARD ON DOWN MAIN EIGHT CARS PASS SP 100 RETURN VIA 224 TO UP MAIN

**SEFTON PARK YARD LIMITS**  
**EXT END FROM**  
 REGENTS PARK SIGNALS SP 25 AND LC 11.8  
 GOODS ROAD SIGNALS SP 1 AND ED 420  
 BIRRONG SIGNALS SP 5 AND SM 380  
**TO**  
 CARRAMAR SIGNALS SP 25.5 AND SP 118

GREEN LIGHT OVER  
 YELLOW PULSATING  
 LIGHT INDICATES  
 PRELIMINARY MEDIUM  
 INDICATION

SIGNAL	DESTINATION	INDICATION
SP 107	DOWN MAIN(M)	-
	DOWN MAIN(S)	DM
SP 100	UP MAIN(S)	UM
	DOWN MAIN(S)	DM
SP 101	DOWN MAIN(M)	-
	DOWN MAIN(S)	DM
SP 112	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN MAIN(M)	-
	<del>DOWN MAIN(S)</del>	<del>DM</del>



SIGNAL	DESTINATION	INDICATION
LF 12	SSFL MAIN(M)	---
	SSFL MAIN (S)	M
	SSFL LOOP (M)	---
	SSFLLOOP (S)	L

1 IN 110

1 IN 120

1 IN 100

SECTION : CARRAMAR TO CABRAMATTA  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 22 April 2024

GRADIENT

INFORMATION

SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 054 (SEFTON PARK)

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS \* SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
 EMERGENCY PHONE No. 02 6924 9863

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

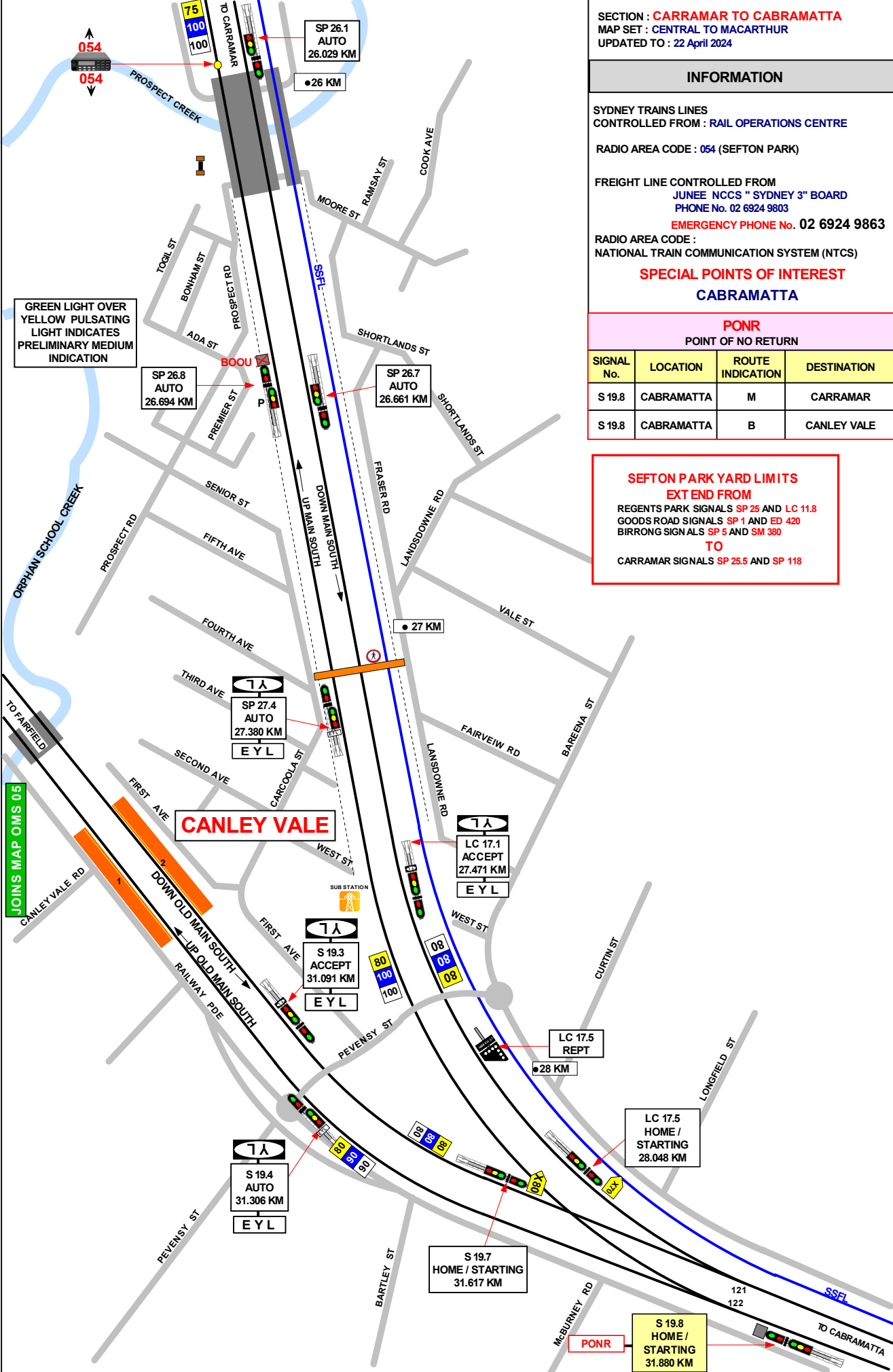
SPECIAL POINTS OF INTEREST  
 CABRAMATTA

PONR  
 POINT OF NO RETURN

SIGNAL No.	LOCATION	ROUTE INDICATION	DESTINATION
S 19.8	CABRAMATTA	M	CARRAMAR
S 19.8	CABRAMATTA	B	CANLEY VALE

SEFTON PARK YARD LIMITS  
 EXTEND FROM

REGENTS PARK SIGNALS SP 25 AND LC 11.8  
 GOODS ROAD SIGNALS SP 1 AND ED 420  
 BIRRONG SIGNALS SP 5 AND SM 380  
 TO  
 CARRAMAR SIGNALS SP 25.5 AND SP 118



1 IN 100

LEVEL

1 IN 200

LEVEL

1 IN 508

1 IN 100

LEVEL

SECTION : CABRAMATTA TO WARWICK FARM  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 22 April 2024

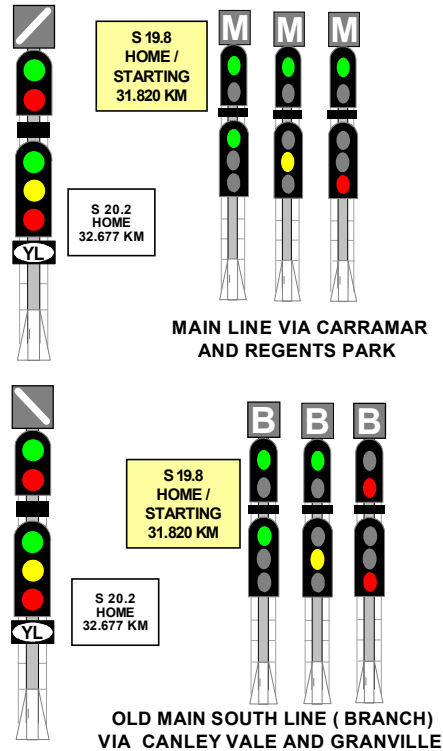
INFORMATION

SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE  
 RADIO AREA CODE : 054 (SEFTON PARK)  
 FREIGHT LINE CONTROLLED FROM  
 JUNE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
 EMERGENCY PHONE No. 02 6924 9863  
 RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

PONR  
 POINTS OF NO RETURN

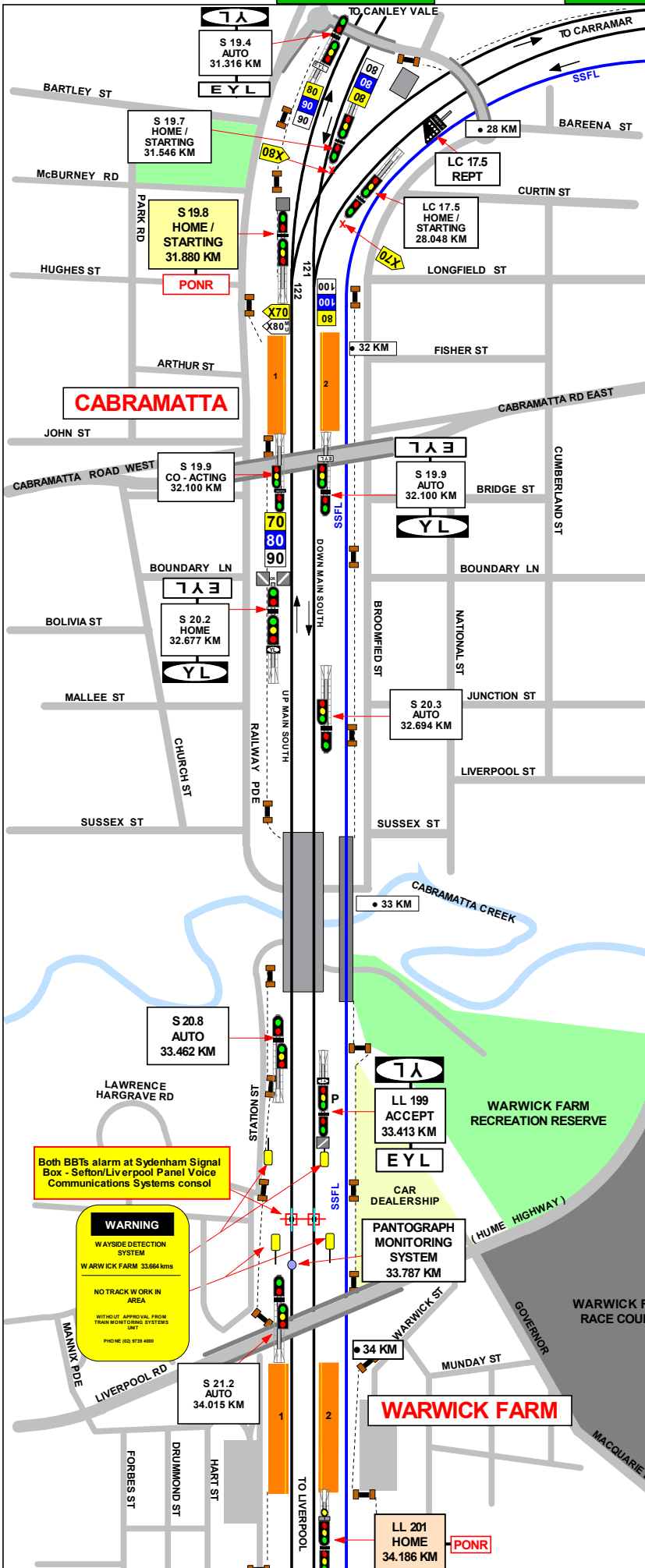
SIGNAL No.	LOCATION	DESTINATIONS
S 19.8	CABRAMATTA	UP MAIN SOUTH LINE (REGENTS PARK) OR OLD UP MAIN SOUTH LINE (GRANVILLE LINE)
LL 201	WARWICK FARM	DOWN MAIN SOUTH LINE OR TRANSIT ROAD (LIVERPOOL PLATFORMS 1, 2 OR 3)

SIGNAL ROUTE INDICATIONS



SIGNAL	DESTINATION	INDICATION
S19.8	UP BRANCH	B
	UP MAIN	M

SIGNAL	DESTINATION	INDICATION
LL 201	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM
	TRANSIT ROAD (M)	---
	TRANSIT ROAD (S)	TR



Both BBTs alarm at Sydenham Signal Box - Sefton/Liverpool Panel Voice Communications Systems console

**WARNING**  
 WAYSIDE DETECTION SYSTEM  
 WARWICK FARM 33.664 kms  
 NO TRACK WORK IN AREA  
 WITHOUT APPROVAL FROM TRAIN MONITORING SYSTEMS UNIT  
 PHONE 02 939 4800

PANTOGRAPH MONITORING SYSTEM  
 33.787 KM

1 IN 100

LEVEL

1 IN 100

LEVEL

1 IN 264

LEVEL

SECTION : WARWICK FARM TO LIVERPOOL  
MAP SET : CENTRAL TO MACARTHUR  
UPDATED TO : 25 November 2021

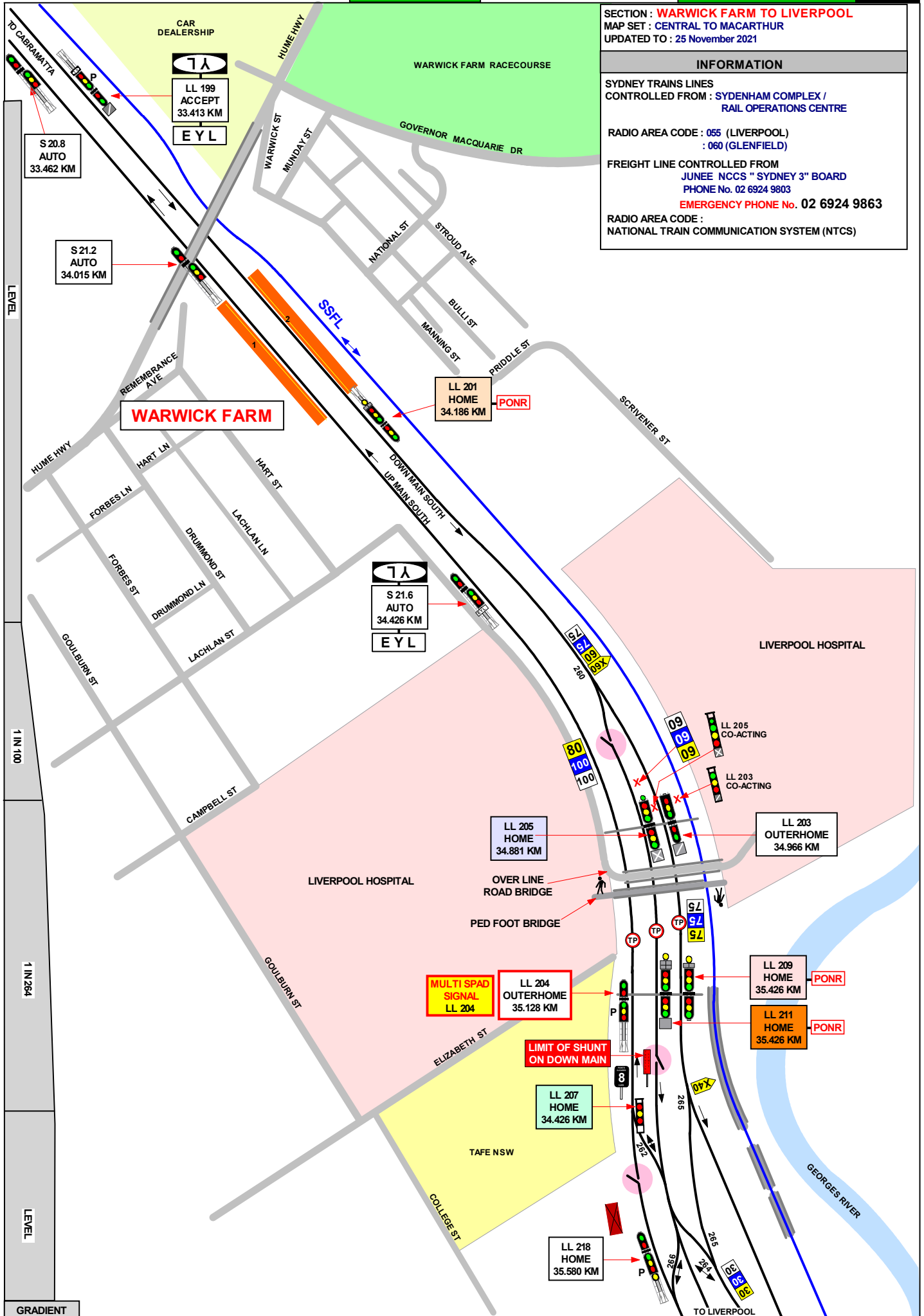
INFORMATION

SYDNEY TRAINS LINES  
CONTROLLED FROM : SYDENHAM COMPLEX /  
RAIL OPERATIONS CENTRE

RADIO AREA CODE : 065 (LIVERPOOL)  
: 060 (GLENFIELD)

FREIGHT LINE CONTROLLED FROM  
JUNEE NCCS " SYDNEY 3" BOARD  
PHONE No. 02 6924 9803

EMERGENCY PHONE No. 02 6924 9863  
RADIO AREA CODE :  
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



SECTION : WARWICK FARM TO LIVERPOOL  
MAP SET : CENTRAL TO MACARTHUR  
UPDATED TO : 25 November 2021

INFORMATION

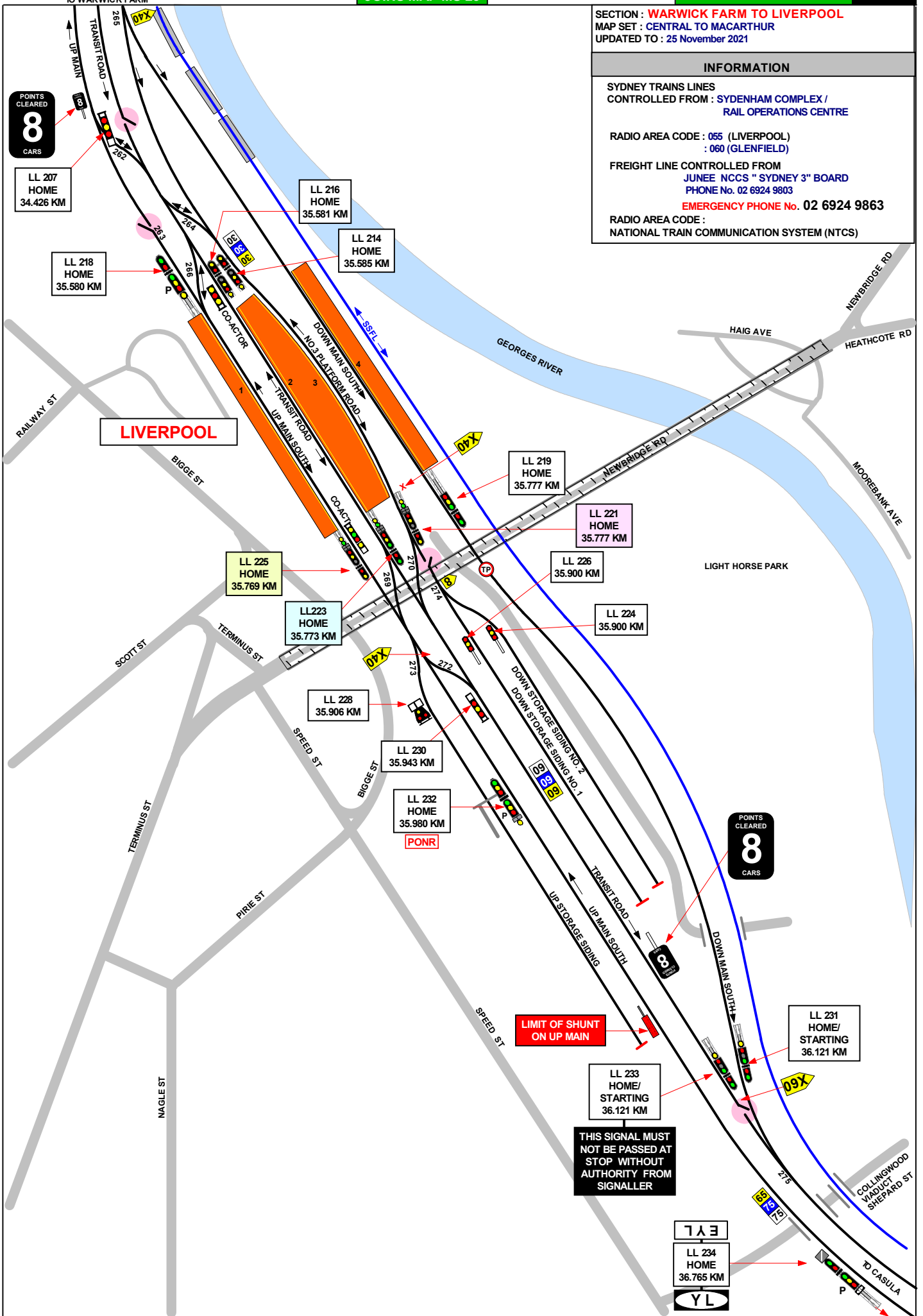
SYDNEY TRAINS LINES  
CONTROLLED FROM : SYDENHAM COMPLEX /  
RAIL OPERATIONS CENTRE

RADIO AREA CODE : 055 (LIVERPOOL)  
: 060 (GLENFIELD)

FREIGHT LINE CONTROLLED FROM  
JUNEE NCCS "SYDNEY 3" BOARD  
PHONE No. 02 6924 9803

EMERGENCY PHONE No. 02 6924 9863

RADIO AREA CODE :  
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)



SIGNAL	DESTINATION	INDICATION
LL 201	DOWN MAIN (M)	--
	DOWN MAIN (S)	DM
	TRANSIT ROAD (M)	---
	TRANSIT ROAD (S)	TR

SIGNAL	DESTINATION	INDICATION
LL 205	DN STORAGE SIDING NO. 2 (S)	S2
	DN STORAGE SIDING NO. 1 (S)	S1
	TRANSIT ROAD (M)	---
	TRANSIT ROAD (M) Lsp	TR
TRANSIT ROAD (S)	TR	

SIGNAL	DESTINATION	INDICATION
LL 207	PLATFORM 3 (S)	3
	PLATFORM 2 (S)	2
	PLATFORM 1 (S)	1

SIGNAL	DESTINATION	INDICATION
LL 209	PLATFORM 4 (M)	--
	PLATFORM 4 (S)	P4
	PLATFORM 3 (M)	---
	PLATFORM 3 (S)	P3

SIGNAL	DESTINATION	INDICATION
LL 211	PLATFORM 3 (M)	3
	PLATFORM 3 (S)	P3
	PLATFORM 2 (M)	
	PLATFORM 2 (S)	P2
	PLATFORM 1 (M)	1
	PLATFORM 1 (S)	P1

SIGNAL	DESTINATION	INDICATION	CO-ACTING
LL 225	TRANSIT ROAD (M)	--	
	TRANSIT ROAD (M)Lsp	TR	T
	TRANSIT ROAD (S)	TR	T
	UP MAIN (S)	UM	U
	UP STORAGE SIDING (S)	US	S

SIGNAL	DESTINATION	INDICATION
LL 221	DN STORAGE SIDING NO. 2 (S)	S2
	DN STORAGE SIDING NO. 1 (S)	S1
	TRANSIT ROAD (M)	---
	TRANSIT ROAD (M) Lsp	TR
TRANSIT ROAD (S)	TR	

SIGNAL	DESTINATION	INDICATION
LL 223	TRANSIT ROAD (M)	---
	TRANSIT ROAD (M) Lsp	TR
	TRANSIT ROAD (S)	TR
	UP MAIN (S)	UM
UP STORAGE SIDING (S)	US	

SIGNAL	DESTINATION	INDICATION
LL 228	PLATFORM 1 (S)	P1
	PLATFORM 2 (S)	P2

SIGNAL	DESTINATION	INDICATION
LL 230	PLATFORM 1 (S)	1
	PLATFORM 2 (S)	2
	PLATFORM 3 (S)	3

SIGNAL	DESTINATION	INDICATION
LL 232	PLATFORM 1 (M)	--
	PLATFORM 1 (S)	P1
	PLATFORM 2 (M)	---
	PLATFORM 2 (S)	P2

SECTION : **WARWICK FARM TO LIVERPOOL**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : **6 May 2024**

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : **SYDENHAM COMPLEX / RAIL OPERATIONS CENTRE**

RADIO AREA CODE : **055 (LIVERPOOL)**  
 : **060 (GLENFIELD)**

FREIGHT LINE CONTROLLED FROM  
**JUNEE NCCS " SYDNEY 3" BOARD**  
 PHONE No. **02 6924 9803**

**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

**SPECIAL POINTS OF INTEREST**

**LIVERPOOL**

WHEN STABLING TRAINS AT NIGHT PANTOGRAPHS MUST BE LOWERED.

ALSO IN THE UP STORAGE YOU MUST STOP 1 CAR LENGTH SHORT OF THE BUFFER STOP TO ALLOW CAMERAS TO PAN THE YARD.

SIGNALS **LL 221 , LL 225 , LL 216 & LL 201** ALL HAVE AN INDICATOR SIGNAL PROVIDED IN POSITIONS WHICH ARE VISIBLE TO THE DRIVER WHEN HE IS STOPPED AT THE 8 CAR MARK.

TRAINS IN THE DOWN DIRECTION CAN ARRIVE AND DEPART FROM ANY PLATFORM AND MAY BE TERMINATED ON ANY PLATFORM.

TRAINS IN THE UP DIRECTION CAN ARRIVE ON 1 AND 2 PLATFORMS ONLY BUT MAY DEPART FROM ALL 3 PLATFORMS.

ALL AMALGAMATION AND DIVISION TO TAKE PLACE IN STORAGE SIDING 1 (BOOTH) AT DESIGNATED SAFE AREA.

PREPARATION OF TRAINS AT LIVERPOOL ALL ROADS IS TOPSIDE PREPARATION ONLY.

WHEN STABLING TRAINS AT LIVERPOOL IN EITHER THE UP STORAGE OR STORAGE SIDING 2 PANTOGRAPHS MUST BE LOWERED TO REDUCE NOISE POLLUTION.

**PONR**  
**POINTS OF NO RETURN**

SIGNAL No.	LOCATION	DESTINATIONS
S 19.8	CABRAMATTA	UP MAIN SOUTH LINE (REGENTS PARK) OR OLD UP MAIN SOUTH LINE (GRANVILLE LINE)
LL 201	WARWICK FARM	DOWN MAIN SOUTH LINE OR TRANSIT ROAD (LIVERPOOL PLATFORMS 1, 2 OR 3)
LL 209	DOWN MAIN SOUTH AT 35.426 KM	DOWN MAIN SOUTH LINE OR PLATFORM No. 3
LL 211	TRANSIT ROAD AT 35.426 KM	LIVERPOOL PLATFORMS 1,2 OR 3

**LIVERPOOL**

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

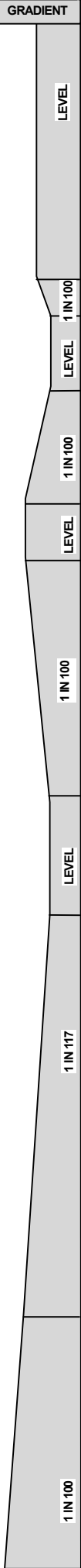
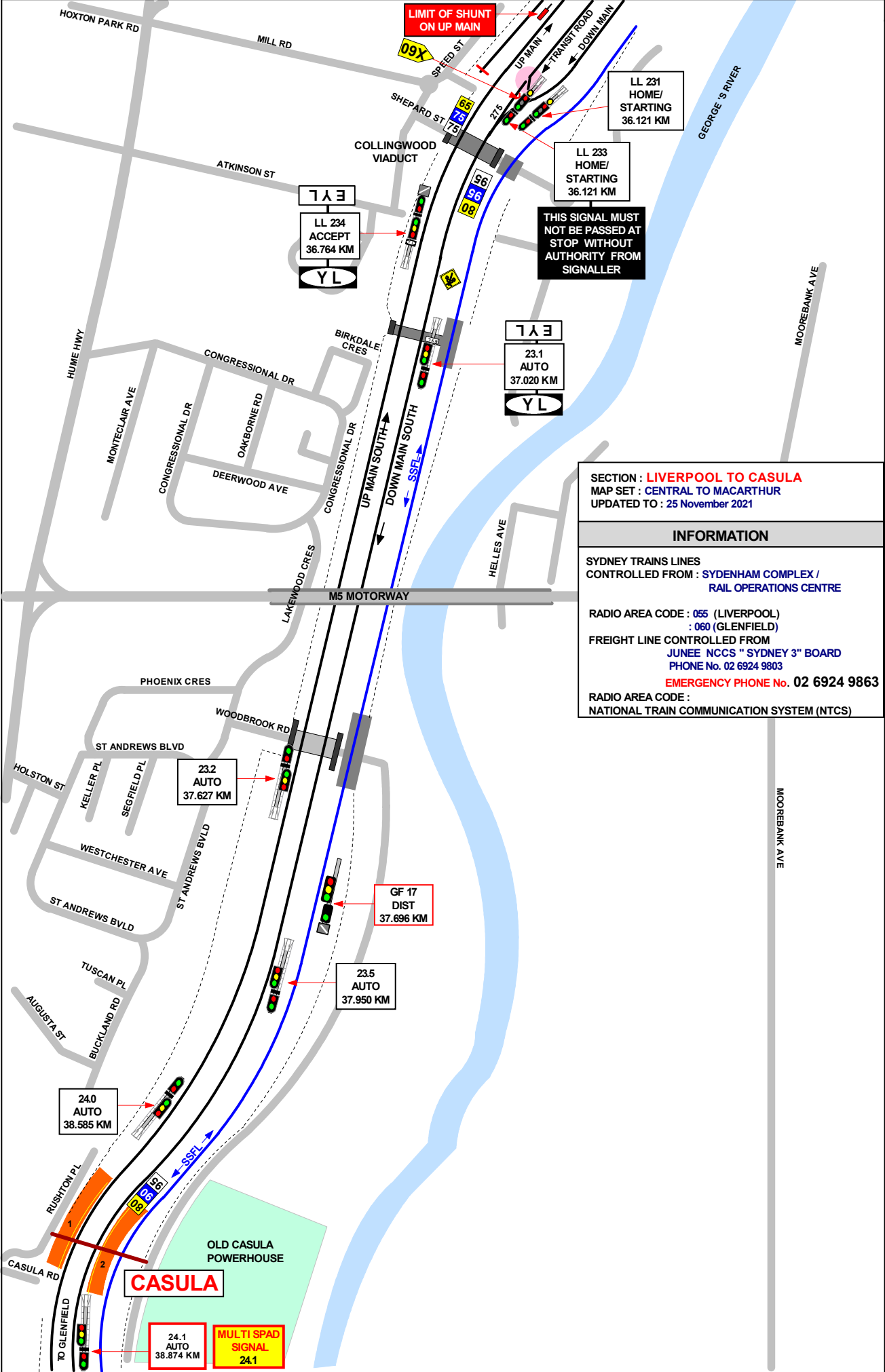
FROM	TERMINATE AT	THEN GO TO
DOWN TRAINS	No. 1 PLATFORM	UP MAINLINE OR UP STORAGE SIDING OR DOWN TRANSIT ROAD TO CASULA
	No. 2 PLATFORM	UP MAINLINE OR UP STORAGE SIDING OR DOWN TRANSIT ROAD TO CASULA
	No. 3 PLATFORM	UP MAINLINE OR DOWN STORAGE SIDINGS 1 OR 2 OR DOWN TRANSIT ROAD TO CASULA
UP TRAINS	No. 1 PLATFORM	UP MAINLINE OR UP STORAGE SIDING OR DOWN TRANSIT ROAD TO CASULA
	No. 2 PLATFORM	UP MAINLINE OR UP STORAGE SIDING OR DOWN TRANSIT ROAD TO CASULA

**LENGTHS OF ROADS**  
 (1 SUBURBAN CAR = APPROX 20.4 METRES)

TITLE	FROM	TO	METRES
UP STORAGE SIDING	SIGNAL LL 228	BUFFER STOP	373 M
DOWN STORAGE SIDING No. 1	SIGNAL LL 226	BUFFER STOP	346 M
DOWN STORAGE SIDING No. 2	SIGNAL LL 224	BUFFER STOP	346 M

JOINS MAP MS 24

TO LIVERPOOL



SECTION : LIVERPOOL TO CASULA  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 25 November 2021

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : SYDENHAM COMPLEX /  
 RAIL OPERATIONS CENTRE

RADIO AREA CODE : 055 (LIVERPOOL)  
 : 060 (GLENFIELD)

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

JOINS MAP MS 26



SECTION : CASULA TO GLENFIELD

MAP SET : CENTRAL TO MACARTHUR

UPDATED TO : 21 February 2022

INFORMATION

SYDNEY TRAINS LINES  
CONTROLLED FROM : SYDENHAM COMPLEX /  
RAIL OPERATIONS CENTRE

RADIO AREA CODE : 055 (LIVERPOOL)  
: 060 (GLENFIELD)

FREIGHT LINE CONTROLLED FROM  
JUNEE NCCS " SYDNEY 3" BOARD  
PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

GLENFIELD

TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN MAIN	No. 3 PLATFORM	UP MAIN LINE VIA 56 POINTS
DOWN EAST HILLS	No. 3 PLATFORM	UP MAIN LINE VIA 56 POINTS
DOWN EAST HILLS	No. 3 PLATFORM	UP EAST HILLS LINE VIA 56 AND 54 POINTS
UP MAIN	No. 2 PLATFORM	SHUNT FORWARDS TO CLEAR 8 CAR MARKER AND RETURN TO DOWN MAIN LINE VIA 56 POINTS

GRADIENT

1 IN 100

LEVEL

1 IN 100

LEVEL

1 IN 300

LEVEL

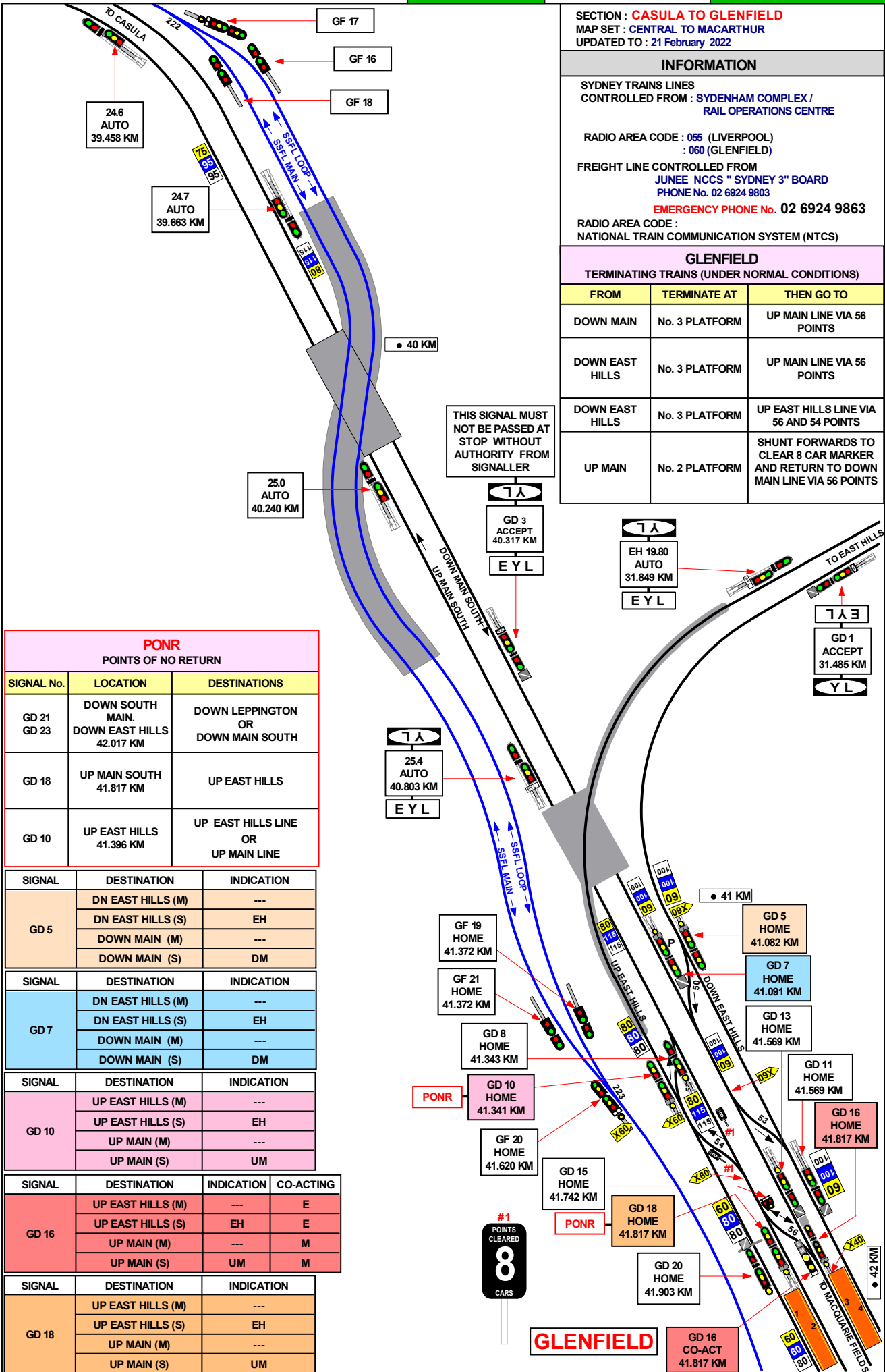
1 IN 270

LEVEL

1 IN 100

1 IN 100

JOINS MAP EH 14



**PONR**  
POINTS OF NO RETURN

SIGNAL No.	LOCATION	DESTINATIONS
GD 21 GD 23	DOWN SOUTH MAIN. DOWN EAST HILLS 42.017 KM	DOWN LEPPINGTON OR DOWN MAIN SOUTH
GD 18	UP MAIN SOUTH 41.817 KM	UP EAST HILLS
GD 10	UP EAST HILLS 41.396 KM	UP EAST HILLS LINE OR UP MAIN LINE

SIGNAL	DESTINATION	INDICATION
GD 5	DN EAST HILLS (M)	---
	DN EAST HILLS (S)	EH
	DOWN MAIN (M)	---
	DOWN MAIN (S)	DM

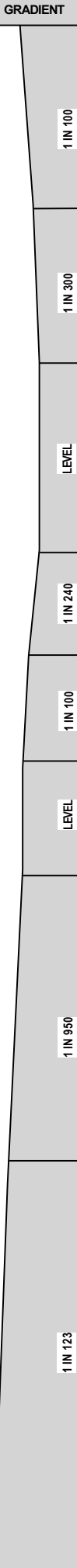
SIGNAL	DESTINATION	INDICATION
GD 7	DN EAST HILLS (M)	---
	DN EAST HILLS (S)	EH
	DOWN MAIN (M)	---
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
GD 10	UP EAST HILLS (M)	---
	UP EAST HILLS (S)	EH
	UP MAIN (M)	---
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION	CO-ACTING
GD 16	UP EAST HILLS (M)	---	E
	UP EAST HILLS (S)	EH	E
	UP MAIN (M)	---	M
	UP MAIN (S)	UM	M

SIGNAL	DESTINATION	INDICATION
GD 18	UP EAST HILLS (M)	---
	UP EAST HILLS (S)	EH
	UP MAIN (M)	---
	UP MAIN (S)	UM

SECTION : GLENFIELD TO INGLEBURN  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 25 November 2021



**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE

RADIO AREA CODE : 060 (GLENFIELD)

FREIGHT LINE CONTROLLED FROM  
 JUNE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

**INGLEBURN**

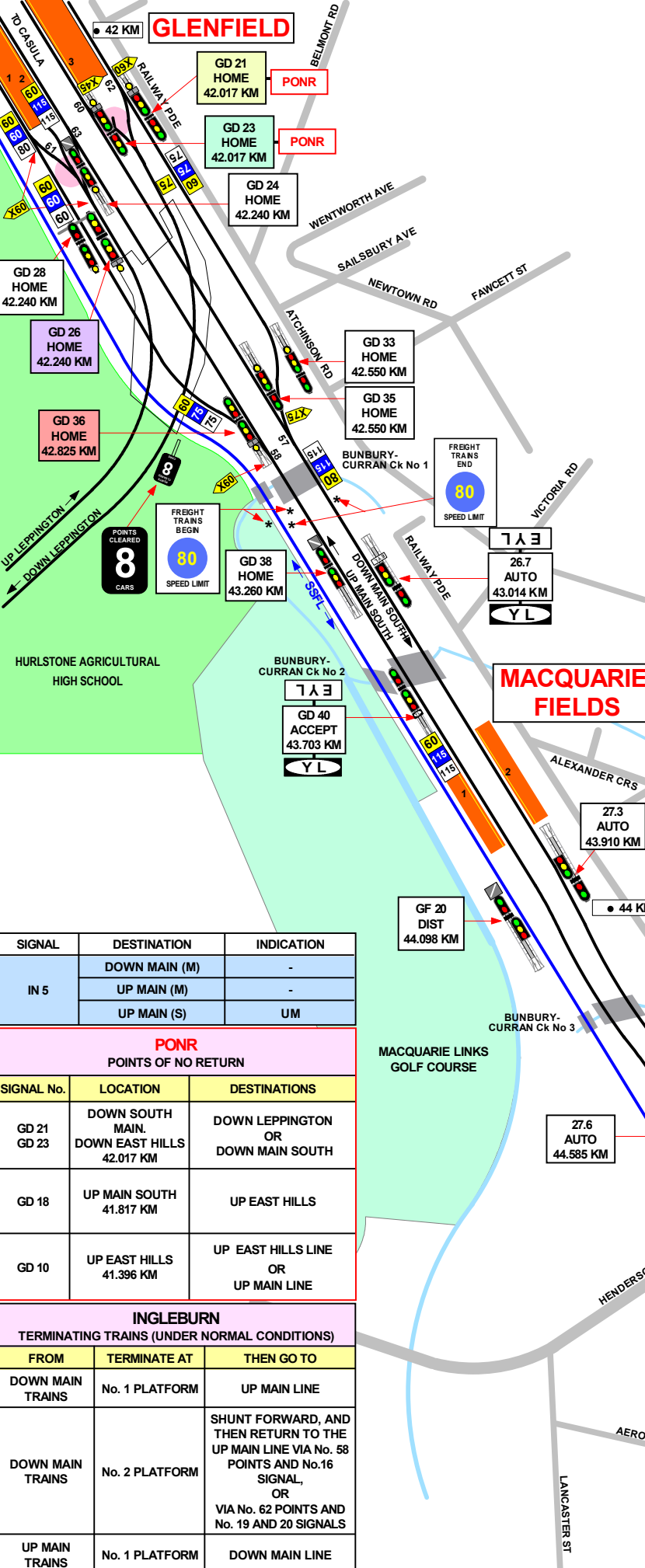
THERE IS A SHUNTING LIMIT BOARD SYDNEY END OF No. 2 PLATFORM ON THE DOWN MAIN.

SIGNAL	DESTINATION	INDICATION
GD 26	PLATFORM 1 (M)	---
	PLATFORM 1 (S)	P1
	PLATFORM 2 (M)	---
	PLATFORM 2 (S)	P2

SIGNAL	DESTINATION	INDICATION
GD 36	UP EAST HILLS (M)	---
	UP EAST HILLS (S)	EH
	UP MAIN (M)	---
	UP MAIN (S)	UM

SIGNAL	DESTINATION	INDICATION
GD 21	DN EAST HILLS (M)	---
	DN EAST HILLS (S)	EH
	DN LEPPINGTON (M)	---
	DN LEPPINGTON (S)	LN

SIGNAL	DESTINATION	INDICATION
GD 23	DN LEPPINGTON (M)	---
	DN LEPPINGTON (S)	LN
	DOWN MAIN (M)	---
	DOWN MAIN (S)	DM



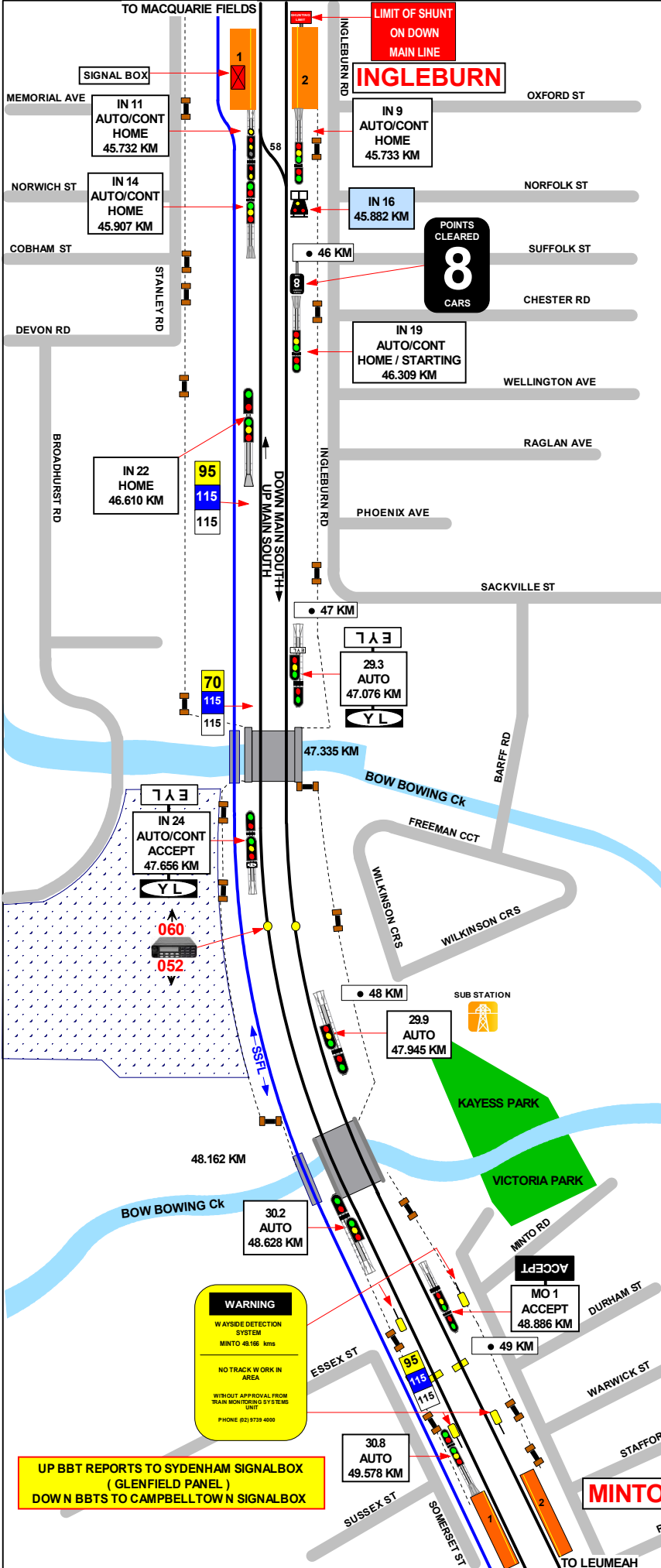
SIGNAL	DESTINATION	INDICATION
IN 5	DOWN MAIN (M)	-
	UP MAIN (M)	-
	UP MAIN (S)	UM

**PONR**  
POINTS OF NO RETURN

SIGNAL No.	LOCATION	DESTINATIONS
GD 21 GD 23	DOWN SOUTH MAIN. DOWN EAST HILLS 42.017 KM	DOWN LEPPINGTON OR DOWN MAIN SOUTH
GD 18	UP MAIN SOUTH 41.817 KM	UP EAST HILLS
GD 10	UP EAST HILLS 41.396 KM	UP EAST HILLS LINE OR UP MAIN LINE

**INGLEBURN**  
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 1 PLATFORM	UP MAIN LINE
DOWN MAIN TRAINS	No. 2 PLATFORM	SHUNT FORWARD, AND THEN RETURN TO THE UP MAIN LINE VIA No. 58 POINTS AND No.16 SIGNAL, OR VIA No. 62 POINTS AND No. 19 AND 20 SIGNALS
UP MAIN TRAINS	No. 1 PLATFORM	DOWN MAIN LINE



GRADIENT		
1 IN 123		
1 IN 300		
1 IN 100		
1 IN 100		
1 IN 100		
1 IN 100		
1 IN 100		
LEVEL		
1 IN 627		
LEVEL		
1 IN 120		
1 IN 300		

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : RAIL OPERATIONS CENTRE / CAMPBELLTOWN

RADIO AREA CODE : 060 (GLENFIELD)  
 : 052 (CAMPBELLTOWN)

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

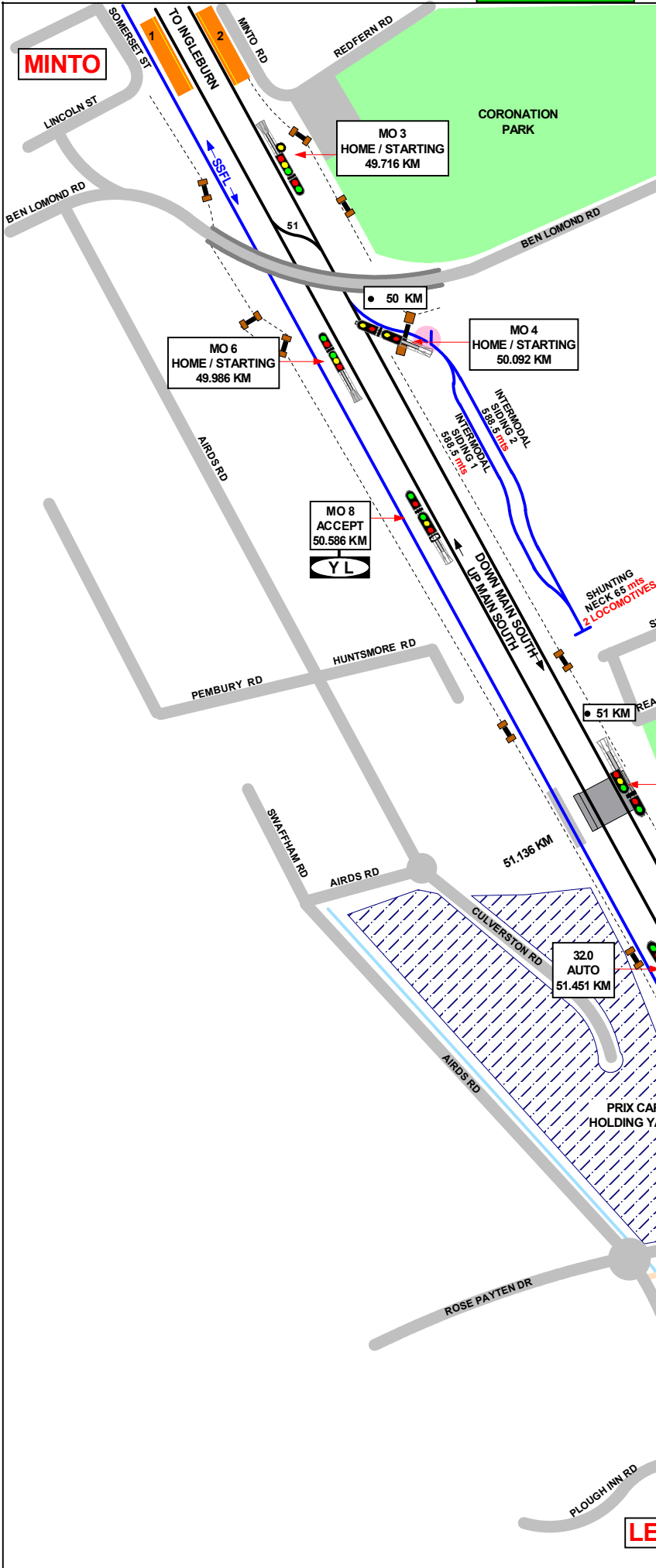
**SPECIAL POINTS OF INTEREST**  
**INGLEBURN**

HERE IS A SHUNTING LIMIT BOARD SYDNEY END OF No. 2 PLATFORM ON THE DOWN MAIN.

**INGLEBURN**  
 TERMINATING TRAINS (UNDER NORMAL CONDITIONS)

FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 1 PLATFORM	UP MAIN LINE
DOWN MAIN TRAINS	No. 2 PLATFORM	SHUNT FORWARD, AND THEN RETURN TO THE UP MAIN LINE VIA No. 58 POINTS AND No.16 SIGNAL, OR VIA No. 62 POINTS AND No. 19 AND 20 SIGNALS
UP MAIN TRAINS	No. 1 PLATFORM	DOWN MAIN LINE

SIGNAL	DESTINATION	INDICATION
IN 16	UP MAIN	UM
	DOWN MAIN	DM



SECTION : **MINTO TO LEUMEAH**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 UPDATED TO : 25 November 2021

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : **CAMPBELLTOWN**

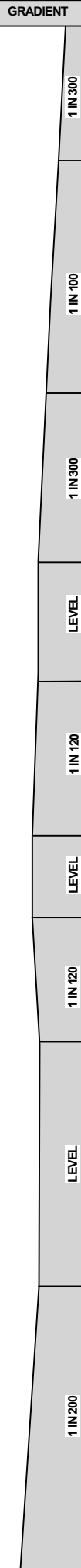
RADIO AREA CODE : **052 (CAMPBELLTOWN)**

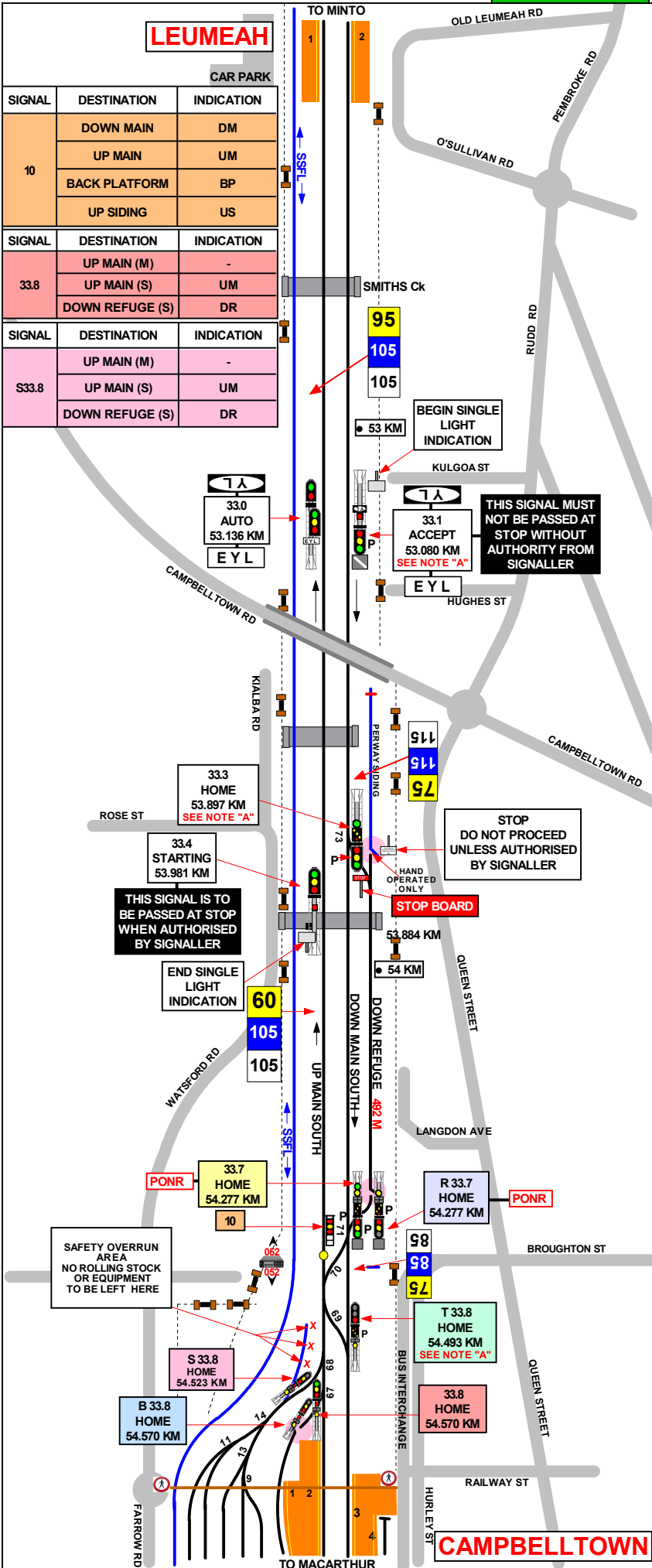
FREIGHT LINE CONTROLLED FROM  
**JUNEE NCCS " SYDNEY 3" BOARD**  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

LENGTHS OF ROADS  
 (1 SUBURBAN CAR = APPROX 20.4 METRES)

TITLE	FROM	TO	METRES
INTERMODAL SIDING 1	CLEARANCE POINT	CLEARANCE POINT	588.5
INTERMODAL SIDING 2	CLEARANCE POINT	CLEARANCE POINT	588.5
SHUNTING NECK	RUNAROUND POINTS	BUFFER STOP	66





SECTION : **LEUMEAH TO CAMPBELLTOWN**  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 12 April 2024

GRADIENT

1 IN 200

LEVEL

1 IN 160

1 IN 800

1 IN 100

LEVEL

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : **CAMPBELLTOWN**

RADIO AREA CODE : 052 (CAMPBELLTOWN)  
 YARD: 262 (CAMPBELLTOWN)

FREIGHT LINE CONTROLLED FROM  
 JUNE E NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

**SPECIAL POINTS OF INTEREST**  
**CAMPBELLTOWN**

THERE IS A STOP BOARD SYDNEY END OF THE DOWN REFUGE.  
 DOWN TRAINS PROCEEDING TO MACARTHUR MUST DEPART FROM EITHER No. 2 OR No. 3 PLATFORM.

**NOTE "A"**

PULSATING YELLOW LIGHT  
 (INDICATES THE NEXT SIGNAL IS SHOWING A PROCEED INDICATION)

DOWN		UP	
33.1	ACCEPT	T 33.8	HOME
33.3	HOME (MAIN LINE)		
33.3	HOME (DOWN REFUGE)		

**LENGTHS OF ROADS**  
 (1 SUBURBAN CAR = APPROX 20.4 METRES)

TITLE	FROM	TO	METRES
DOWN REFUGE	STOP BOARD	R 33.7	492
RAIL MOTOR SIDING	BUFFER STOP	CATCH POINTS	147
MILK SIDING	BUFFER STOP	SIGNAL NO. 28	32

**PONR**

POINT OF NO RETURN FOR DOWN TRAINS

SIGNAL No.	LOCATION	DESTINATION
10	APPROX 190 METRES SYDNEY SIDE OF CAMPBELLTOWN (UP MAIN)	MACARTHUR

SIGNAL	DESTINATION	INDICATION
33.7	UP MAIN	U
	BACK PLATFORM	B
	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
	BACK PLATFORM (S)	BP
	UP SIDINGS (S)	US
R 33.7	DOWN MAIN (M)	-
	UP MAIN	UM
	BACK PLATFORM	BP

SIGNAL	DESTINATION	INDICATION	
R 33.8	UP MAIN (M)	-	
	UP MAIN (S)	UM	
	DOWN REFUGE (S)	DR	
	T 33.8	UP MAIN (M)	-
		UP MAIN (S)	UM
		DOWN REFUGE (S)	DR

**LEUMEAH**

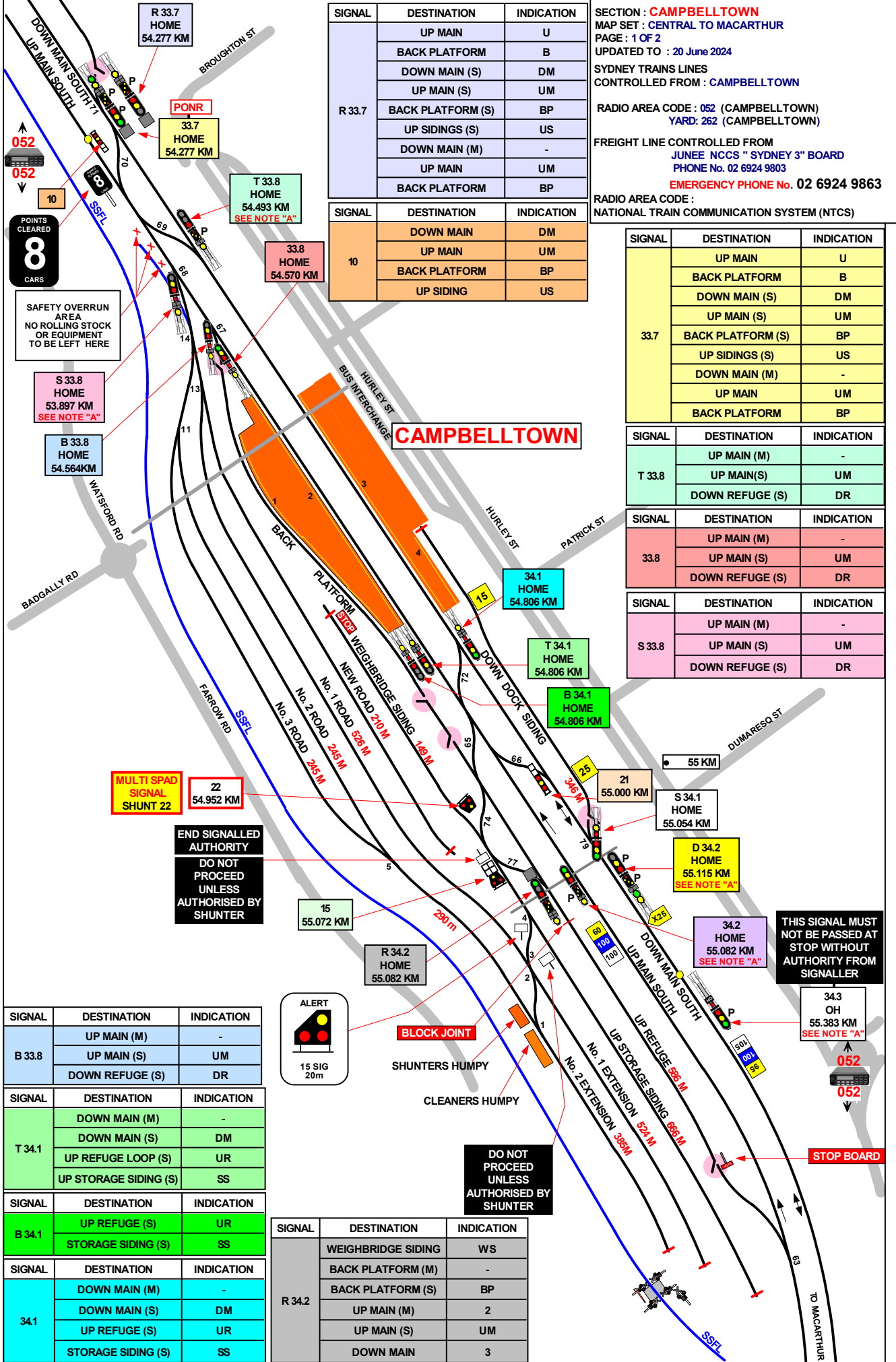
CAR PARK

SIGNAL	DESTINATION	INDICATION
10	DOWN MAIN	DM
	UP MAIN	UM
	BACK PLATFORM	BP
	UP SIDING	US
33.8	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN REFUGE (S)	DR
S33.8	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN REFUGE (S)	DR

**CAMPBELLTOWN**

TO LEUMEAH

GRADIENT



SIGNAL	DESTINATION	INDICATION
R 33.7	UP MAIN	U
	BACK PLATFORM	B
	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
	BACK PLATFORM (S)	BP
	UP SIDINGS (S)	US
10	DOWN MAIN	DM
	UP MAIN	UM
	BACK PLATFORM	BP

SECTION : **CAMPBELLTOWN**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE : 1 OF 2  
 UPDATED TO : 20 June 2024  
 SYDNEY TRAINS LINES  
 CONTROLLED FROM : **CAMPBELLTOWN**  
 RADIO AREA CODE : 052 (CAMPBELLTOWN)  
 YARD: 262 (CAMPBELLTOWN)  
 FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**  
 RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

SIGNAL	DESTINATION	INDICATION
33.7	UP MAIN	U
	BACK PLATFORM	B
	DOWN MAIN (S)	DM
	UP MAIN (S)	UM
	BACK PLATFORM (S)	BP
	UP SIDINGS (S)	US
	DOWN MAIN (M)	-
T 33.8	UP MAIN(S)	UM
	DOWN REFUGE (S)	DR
	UP MAIN (M)	-

SIGNAL	DESTINATION	INDICATION
33.8	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN REFUGE (S)	DR

SIGNAL	DESTINATION	INDICATION
S 33.8	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN REFUGE (S)	DR

SAFETY OVERRUN AREA  
 NO ROLLING STOCK OR EQUIPMENT TO BE LEFT HERE

S 33.8 HOME 53.897 KM  
 SEE NOTE "A"  
 B 33.8 HOME 54.564KM

**CAMPBELLTOWN**

END SIGNALLED AUTHORITY  
 DO NOT PROCEED UNLESS AUTHORISED BY SHUNTER

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

SIGNAL	DESTINATION	INDICATION
B 33.8	UP MAIN (M)	-
	UP MAIN (S)	UM
	DOWN REFUGE (S)	DR

SIGNAL	DESTINATION	INDICATION
T 34.1	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM
	UP REFUGE LOOP (S)	UR
	UP STORAGE SIDING (S)	SS

SIGNAL	DESTINATION	INDICATION
B 34.1	UP REFUGE (S)	UR
	STORAGE SIDING (S)	SS

SIGNAL	DESTINATION	INDICATION
34.1	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM
	UP REFUGE (S)	UR
	STORAGE SIDING (S)	SS

SIGNAL	DESTINATION	INDICATION
R 34.2	WEIGHBRIDGE SIDING	WS
	BACK PLATFORM (M)	-
	BACK PLATFORM (S)	BP
	UP MAIN (M)	2
	UP MAIN (S)	UM
	DOWN MAIN	3

LEVEL

1 IN 260

SECTION : **CAMPBELLTOWN**  
 MAP SET : **CENTRAL TO MACARTHUR**  
 PAGE: 2 OF 2  
 UPDATED TO : 11 May 2019

SYDNEY TRAINS LINES  
 CONTROLLED FROM : **CAMPBELLTOWN**  
 RADIO AREA CODE : **052 (CAMPBELLTOWN)**  
 YARD: **262 (CAMPBELLTOWN)**

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

**SPECIAL POINTS OF INTEREST**

PONR POINT OF NO RETURN FOR DOWN TRAINS		
SIGNAL No.	LOCATION	DESTINATION
10	APPROX 140 METRES SYDNEY SIDE OF CAMPBELLTOWN (UP MAIN)	MACARTHUR

SIGNAL	DESTINATION	INDICATION
15	WEIGHBRIDGE SIDING	WS
	BACK PLATFORM	BP
	UP MAIN	UM
	DOWN MAIN	DM

SIGNAL	DESTINATION	INDICATION
34.2	UP MAIN (M)	-
	DOWN MAIN (M)	-
	UP MAIN (S)	UM
	DOWN MAIN (S)	DM

CAMPBELLTOWN TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO

DOWN MAIN TRAINS	No. 1 PLATFORM	UP MAIN LINE OR SHUNT TO UP YARD VIA 67 POINTS OR THE UP REFUGE SIDING OR THE UP STORAGE SIDING OR No. 1 OR No. 2 EMPTY SIDINGS VIA 74 POINTS.
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DOWN MAIN TRAINS	No. 2 PLATFORM	UP MAIN LINE. OR SHUNT TO THE: UP YARD. OR TO THE DOWN DOCK SIDING. OR THE UP REFUGE SIDING. OR THE UP STORAGE SIDING. OR No. 1 OR No. 2 EMPTY SIDINGS.
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DOWN MAIN TRAINS	No. 3 PLATFORM	UP MAIN LINE. OR SHUNT TO THE: DOWN REFUGE SIDING. OR THE UP YARD. OR THE DOWN DOCK SIDING. OR THE UP REFUGE SIDING. OR THE UP STORAGE SIDING. OR No. 1 OR No. 2 EMPTY SIDINGS.
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UP MAIN TRAINS	No. 1 PLATFORM	SHUNT TO THE: UP REFUGE SIDING. OR THE UP YARD. OR THE UP STORAGE SIDING. OR No. 1 OR No. 2 EMPTY SIDINGS. OR No. 2 OR No. 3 PLATFORM.
----------------	----------------	--

UP MAIN TRAINS	No. 2 PLATFORM	DOWN MAIN. SHUNT TO THE: DOWN DOCK SIDING. OR THE UP YARD. OR THE UP REFUGE SIDING. OR THE UP STORAGE SIDING. OR No. 1 OR No. 2 EMPTY SIDINGS. OR No. 1 OR No. 3 PLATFORM.
----------------	----------------	--

UP MAIN TRAINS	No. 3 PLATFORM	DOWN MAIN. SHUNT TO THE: DOWN DOCK SIDING. OR THE UP YARD. OR THE UP REFUGE SIDING. OR THE UP STORAGE SIDING. OR No. 1 OR No. 2 EMPTY SIDINGS. OR No. 1 OR No. 2 PLATFORM.
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UP TRAINS RUNNING ON THE DOWN MAIN FROM MACARTHUR	No. 4 PLATFORM	DOWN MAIN.
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SIGNAL	DESTINATION	INDICATION
21	UP MAIN (S)	UM
	DOWN MAIN (S)	DM

SIGNAL	DESTINATION	INDICATION
D 34.2	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM
	DOWN DOCK SIDING (M)	-
	DOWN DOCK SIDING (S)	DS

THERE IS A STOP BOARD COUNTRY END OF THE DOWN REFUGE.  
 THERE IS A STOP BOARD COUNTRY END OF THE UP REFUGE.  
 DOWN TRAINS PROCEEDING TO MACARTHUR MUST DEPART FROM EITHER No. 2 OR No. 3 PLATFORM.  
 TOP SIDE PREPARATION OF TRAINS AT CAMPBELLTOWN : DOWN DOCK SIDING (LONG 79), UP REFUGE SIDING, WEIGHBRIDGE ROAD, UP STORAGE SIDING & SYDNEY END TRAINS IN UP SIDING, No. 1, 2 & 3 SIDINGS.

**PROPELLING MOVEMENTS**

FROM	LOCATED	TO	LIMIT
No. 10 SIGNAL	APPROX 140 METRES SYDNEY SIDE OF CAMPBELLTOWN (UP MAIN)	DOWN MAIN No. 3 PLATFORM	No. 14 SIGNAL (34.1)
No. 10 SIGNAL	APPROX 140 METRES SYDNEY SIDE OF CAMPBELLTOWN (UP MAIN)	UP MAIN No. 2 PLATFORM	No. 16 SIGNAL (T34.1)
No. 10 SIGNAL	APPROX 140 METRES SYDNEY SIDE OF CAMPBELLTOWN (UP MAIN)	UP MAIN No. 1 PLATFORM	No. 18 SIGNAL (B34.1)
No. 14 SIGNAL (34.1)	COUNTRY END OF No. 3 PLATFORM (DOWN MAIN)	DOWN MAIN	No. 20 SIGNAL (34.3)
No. 16 SIGNAL (T34.1)	COUNTRY END OF No. 2 PLATFORM (UP MAIN)	UP REFUGE LOOP	STOP BOARD COUNTRY END OF UP REFUGE LOOP
No. 18 SIGNAL (B34.1)	COUNTRY END OF No. 1 PLATFORM (BACK PLATFORM)	UP REFUGE LOOP	STOP BOARD COUNTRY END OF UP REFUGE LOOP
No. 21 SIGNAL	APPROX 100 METRES COUNTRY SIDE OF CAMPBELLTOWN (DOWN MAIN)	DOWN MAIN	No. 29 SIGNAL (T33.8) SYDNEY END OF No. 3 PLATFORM
No. 23 SIGNAL (S33.8)	SYDNEY END OF THE UP SIDINGS	DOWN REFUGE	STOP BOARD SYDNEY END OF DOWN REFUGE LOOP
No. 29 SIGNAL (T33.8)	SYDNEY END OF No. 3 PLATFORM (DOWN MAIN)	UP MAIN	UP STARTING SIGNAL No. 33 (33.4)
No. 29 SIGNAL (T33.8)	SYDNEY END OF No. 3 PLATFORM (DOWN MAIN)	DOWN REFUGE	STOP BOARD SYDNEY END OF DOWN REFUGE LOOP
No. 82 SIGNAL (S 34.1)	COUNTRY END OF DOWN DOCK SIDING	No. 20 SIGNAL (DOWN MAIN)	UP MAIN No. 2 PLATFORM OR No. 3 PLATFORM

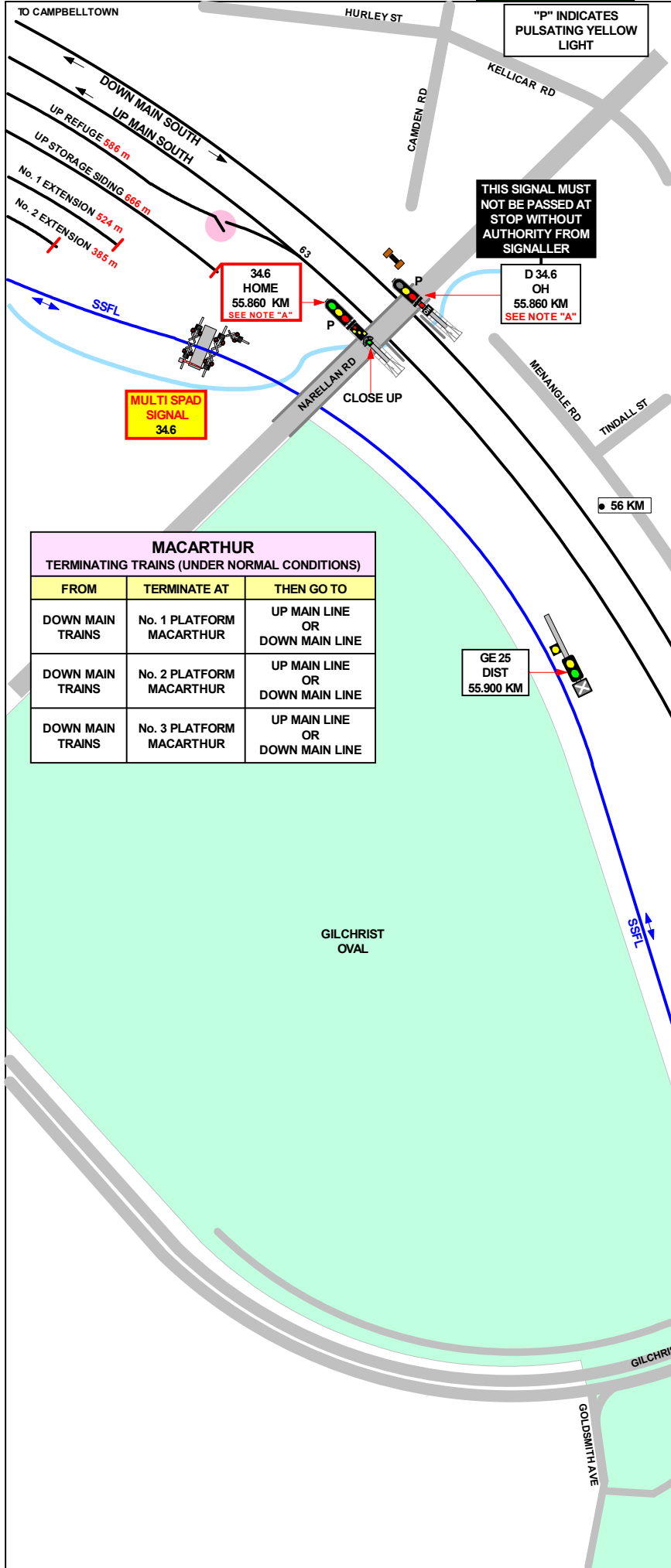
**LENGTHS OF ROADS  
(1 SUBURBAN CAR = APPROX 20.4 METRES)**

TITLE	FROM	TO	METRES
DOWN REFUGE	STOP BOARD	R 33.7	493
RAIL MOTOR SIDING	BUFFER STOP	CATCH POINTS	147
WEIGHBRIDGE SIDING	CLEAR OF ALL ROADS		149
UP SIDING	CLEAR OF ALL ROADS		147
UP SIDING TOTAL	CLEAR OF ALL ROADS	SIGNAL No. 22	278
1 ROAD SIDING SYDNEY END	CLEAR OF ALL ROADS		526
2 ROAD SIDING SYDNEY END	CLEAR OF ALL ROADS		245
2 ROAD SIDING COUNTRY END	CLEAR OF ALL ROADS		290
2 ROAD SIDING TOTAL	CLEAR OF ALL ROADS	CLEAR OF No. 2 EMPTY SIDING	580
3 ROAD SIDING	CLEAR OF ALL ROADS	CLEAR OF No. 2 SIDING	245
DOWN DOCK SIDING	BUFFER STOP	S 34.1	346
UP REFUGE	R 34.2	STOP BOARD	586
UP REFUGE	B 33.8	STOP BOARD	1110
UP STORAGE SIDING	CLEAR OF ALL ROADS	BUFFER STOP	666
No. 1 EMPTY SIDING	CLEAR OF ALL ROADS	BUFFER STOP	524
No. 2 EMPTY SIDING	CLEAR OF ALL ROADS	BUFFER STOP	385

**NOTE "A"**

PULSATING YELLOW LIGHT  
 (INDICATES THE NEXT SIGNAL IS SHOWING A PROCEED INDICATION)

DOWN		UP	
34.3	OUTER HOME	T 33.8	HOME
		D 34.2	HOME (UP MAIN)
		D 34.2	HOME (DOWN MAIN)
		138	HOME (DOWN MAIN)
		85	OUTER HOME
		34.2	HOME



"P" INDICATES PULSATING YELLOW LIGHT

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

D 34.6 OH  
55.860 KM  
SEE NOTE "A"

34.6 HOME  
55.860 KM  
SEE NOTE "A"

MULTI SPAD SIGNAL  
34.6

SECTION : **MACARTHUR**  
MAP SET : CENTRAL TO MACARTHUR  
UPDATED TO : 20 June 2024

**INFORMATION**

SYDNEY TRAINS LINES  
CONTROLLED FROM : CAMPBELLTOWN

RADIO AREA CODE : 052 (CAMPBELLTOWN)  
YARD: 262 (CAMPBELLTOWN)

FREIGHT LINE CONTROLLED FROM  
JUNEE NCCS " SYDNEY 3" BOARD  
PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

**SPECIAL POINTS OF INTEREST  
MACARTHUR**

THERE ARE INSTRUCTIONS PLATES COUNTRY  
END OF No. 2 AND No. 3 PLATFORMS  
"WIDE ELECTRIC ROLLING STOCK  
MUST NOT PASS THIS POINT".

SIGNAL	DESTINATION	INDICATION
34.9	DOWN MAIN (M)	-
	DOWN MAIN (S)	3
	UP MAIN (S)	2
	TERMINATING ROAD (S)	1

MACARTHUR TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 1 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE
DOWN MAIN TRAINS	No. 2 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE
DOWN MAIN TRAINS	No. 3 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE



JOINS MAP MS 32

MACARTHUR		
TERMINATING TRAINS (UNDER NORMAL CONDITIONS)		
FROM	TERMINATE AT	THEN GO TO
DOWN MAIN TRAINS	No. 1 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE
DOWN MAIN TRAINS	No. 2 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE
DOWN MAIN TRAINS	No. 3 PLATFORM MACARTHUR	UP MAIN LINE OR DOWN MAIN LINE

SECTION : **MACARTHUR**  
 MAP SET : CENTRAL TO MACARTHUR  
 UPDATED TO : 14 March 2024

GRADIENT

**INFORMATION**

SYDNEY TRAINS LINES  
 CONTROLLED FROM : CAMPBELLTOWN

RADIO AREA CODE : 052 (CAMPBELLTOWN)  
 YARD: 262 (CAMPBELLTOWN)

FREIGHT LINE CONTROLLED FROM  
 JUNEE NCCS " SYDNEY 3" BOARD  
 PHONE No. 02 6924 9803  
**EMERGENCY PHONE No. 02 6924 9863**

RADIO AREA CODE :  
 NATIONAL TRAIN COMMUNICATION SYSTEM (NTCS)

THERE ARE INSTRUCTIONS PLATES COUNTRY END OF No. 2 AND No. 3 PLATFORMS "WIDE ELECTRIC ROLLING STOCK MUST NOT PASS THIS POINT".

**THIS SIGNAL MUST NOT BE PASSED AT STOP FOR WRONG ROAD DIRECTION MOVEMENTS EXCEPT ON THE AUTHORITY OF THE SIGNALLER AND IN ACCORDANCE WITH LOCAL INSTRUCTIONS**

**THIS SIGNAL MUST NOT BE PASSED AT STOP FOR WRONG ROAD DIRECTION MOVEMENTS EXCEPT ON THE AUTHORITY OF THE SIGNALLER AND IN ACCORDANCE WITH LOCAL INSTRUCTIONS**

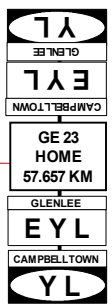
**MACARTHUR**

**WIDE ELECTRIC ROLLING STOCK MUST NOT PASS THIS POINT**

**WIDE ELECTRIC ROLLING STOCK MUST NOT PASS THIS POINT**

**35.3 HOME 56.657KM DUAL CONTROLLED FROM GLENLEE 21**

**MULTI SPAD SIGNAL 36.0**



**NOTE "A"**

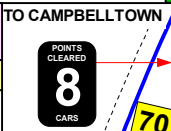
**PULSATING YELLOW LIGHT**  
 (INDICATES THE NEXT SIGNAL IS SHOWING A PROCEED INDICATION)

DOWN		UP	
34.9	HOME	D 35.2	HOME (UP MAIN)
		35.2	HOME
		T 35.2	HOME (UP MAIN)
		34.6	HOME
		D 34.6	OUTER HOME (DOWN MAIN)

**LENGTHS OF ROADS**  
 (1 SUBURBAN CAR = APPROX 20.4 METRES)

TITLE	FROM	TO	METRES
TURN BACK ROAD	T 35.2	BUFFER STOP	183

SIGNAL	DESTINATION	INDICATION
34.9	DOWN MAIN (M)	-
	DOWN MAIN (S)	3
	UP MAIN (S)	2
	TERMINATING ROAD (S)	1
GE 34	UP MAIN (M)	-
	UP MAIN (S)	UM
GE 32	DOWN MAIN (M)	-
	DOWN MAIN (S)	DM



**34.9 HOME 56.216 KM SEE NOTE "A"**

**35.2 HOME 56.476 KM**

**T 35.2 HOME 56.476 KM**

**D 35.2 HOME 56.476 KM**

**MAC FIXED REDS 56.657KM**

**GE 25 REPT**

**GE 25 57.600 KM**

**36.0 HOME 57.658 KM**

**GE 23 HOME 57.657 KM**

**36.0 HOME 57.658 KM**

**GE 25 57.600 KM**

**GE 34 HOME 58.275 KM**

**GE 32 HOME 58.275 KM**

**INFRASTRUCTURE BOUNDARY**



"P" INDICATES PULSATING YELLOW LIGHT

END SINGLE LIGHT INDICATION

TO MENANGLE PARK

TO CAMPBELLTOWN

TO CAMPBELLTOWN

TO CAMPBELLTOWN

TURN BACK ROAD  
 MENANGLE ROAD  
 ROBINSON ST

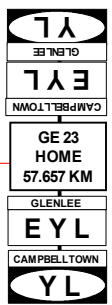
MACARTHUR

WIDE ELECTRIC ROLLING STOCK MUST NOT PASS THIS POINT

WIDE ELECTRIC ROLLING STOCK MUST NOT PASS THIS POINT

35.3 HOME 56.657KM DUAL CONTROLLED FROM GLENLEE 21

MULTI SPAD SIGNAL 36.0



NOTE "A" PULSATING YELLOW LIGHT

LENGTHS OF ROADS

Signal destination and indication table

"P" INDICATES PULSATING YELLOW LIGHT

END SINGLE LIGHT INDICATION

TO MENANGLE PARK

TO CAMPBELLTOWN

TO CAMPBELLTOWN

TO CAMPBELLTOWN

TURN BACK ROAD  
 MENANGLE ROAD  
 ROBINSON ST