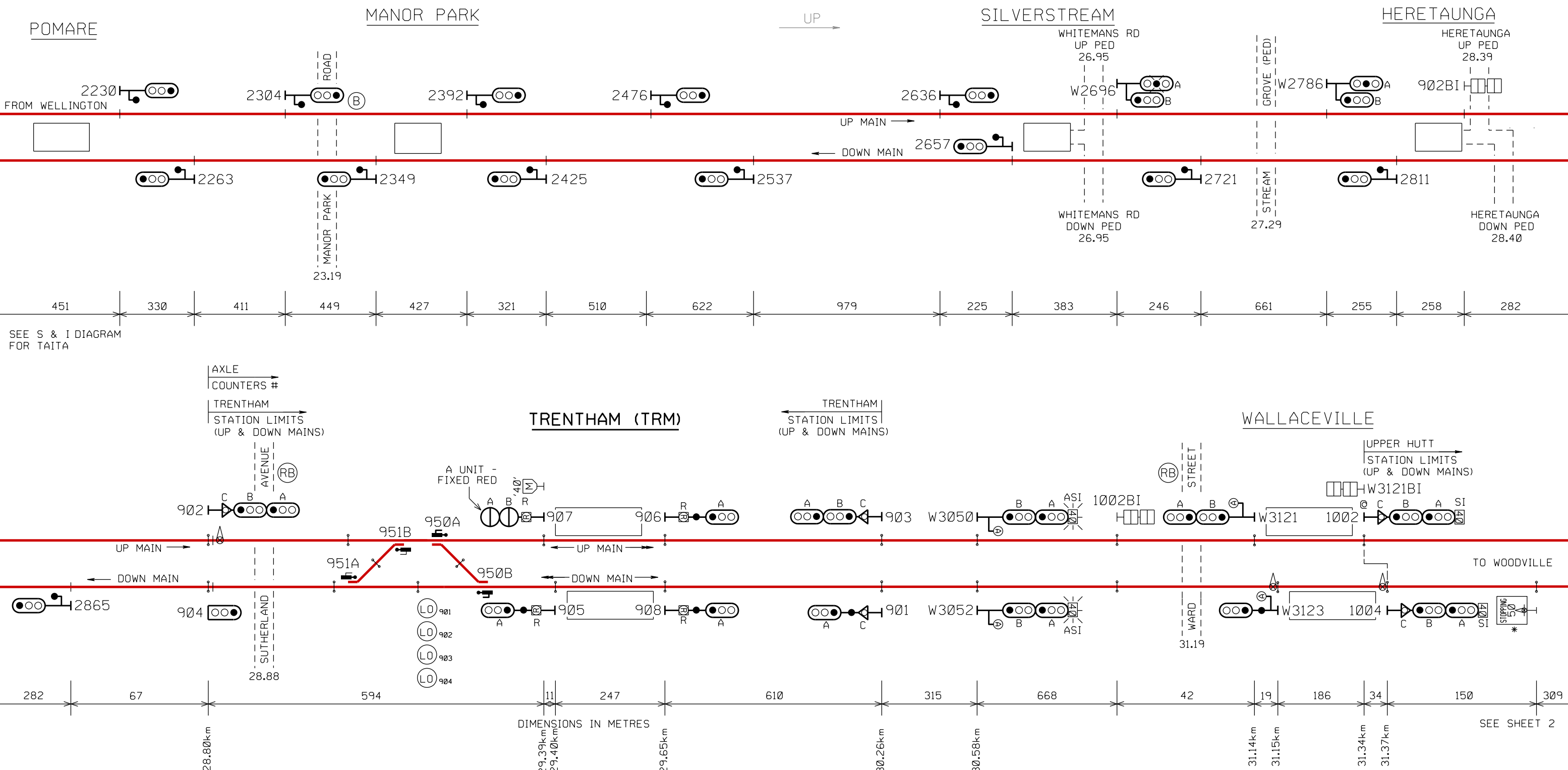


TRENTHAM - FEATHERSTON

SIGNALLING & INTERLOCKING ARRANGEMENTS

THESE ARRANGEMENTS WILL BE BROUGHT INTO USE AT A TIME AND DATE TO BE ADVISED BY ALERT.
THIS CANCELS S&I No. 3457

THESE TO BE COMPLETED BY THE RECIPIENT OF THE S & I DIAGRAM



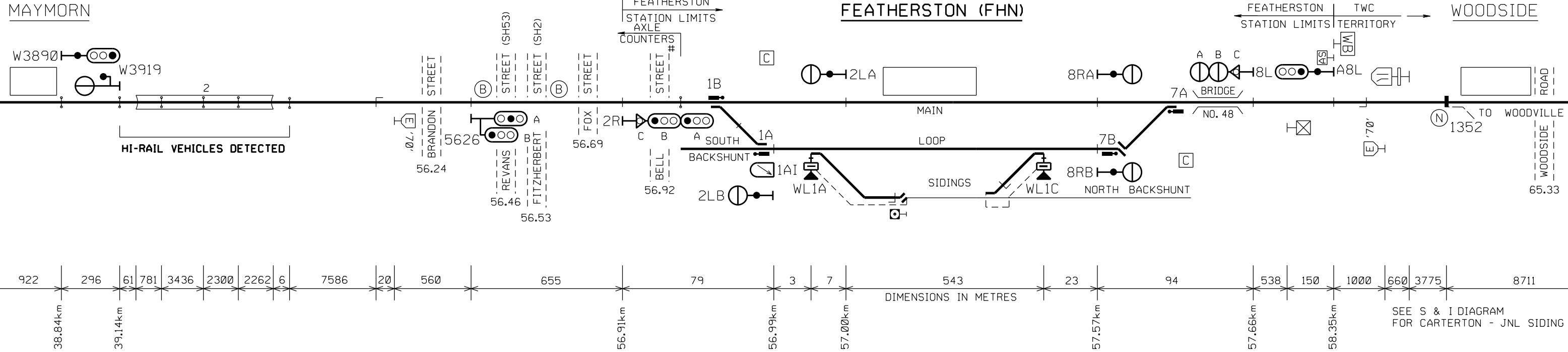
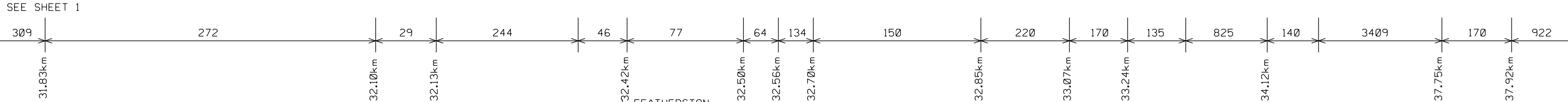
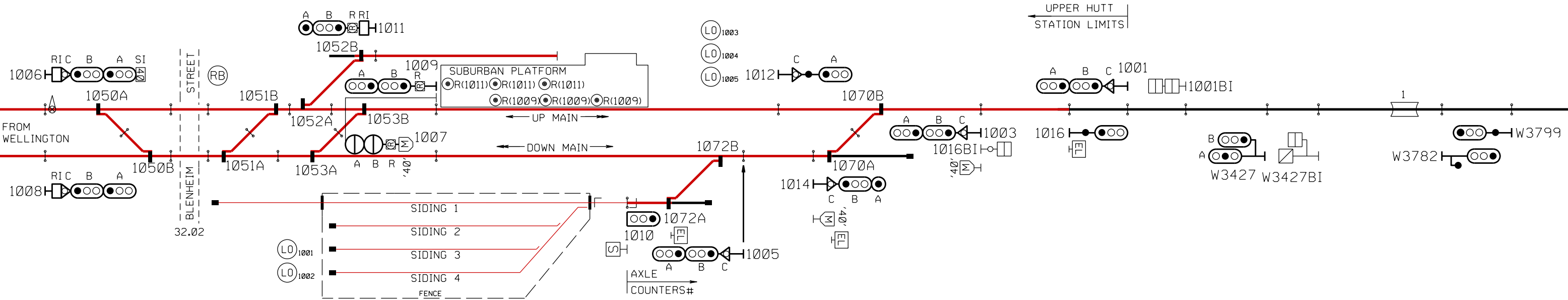
NOTES:

- EL ELECTRIC SERVICES LIMIT BOARD
- REQUEST FOR SIGNAL PUSHBUTTON
- SI SPEED INDICATOR
- RB REMOTE + LOCAL BARRIER MANUAL CONTROL
- # ADVANCED AXLE COUNTER AREA - DOES NOT DETECT HI-RAIL VEHICLES (EXCEPT IN RIMUTAKA TUNNEL)
- N POINTS SECURED AND CLAMPED IN NORMAL

TRENTHAM - FEATHERSTON

SIGNALLING & INTERLOCKING ARRANGEMENTS

UPPER HUTT (UPH)



NOTE: THIS IS A COLOUR DIAGRAM
RED LINES INDICATE ROUTE AVAILABLE FOR ELECTRIC TRAINS

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P.R. KING
SENIOR SIGNALS ENGINEER

TRENTHAM - FEATHERSTON

SIGNALLING & INTERLOCKING ARRANGEMENTS

DESCRIPTION OF SIGNALS: TRENTHAM

901AC	DOWN HOME FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN LOW SPEED TO DOWN MAIN
902ABC	UP HOME FROM UP MAIN	NORMAL SPEED TO UP MAIN MEDIUM SPEED TO DOWN MAIN LOW SPEED TO UP MAIN, DOWN MAIN
903ABC	DOWN HOME FROM UP MAIN	NORMAL SPEED TO UP MAIN LOW SPEED TO UP MAIN
904	SHUNT & UP DIRECTING FROM DOWN MAIN	LOW SPEED TO DOWN MAIN, UP MAIN
905AR	DOWN STARTING FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN RESTRICTED SPEED TO DOWN MAIN
906AR	UP DEPARTURE FROM UP MAIN	NORMAL SPEED TO UP MAIN RESTRICTED SPEED TO UP MAIN
907ABR	DOWN STARTING FROM UP MAIN	MEDIUM SPEED TO DOWN MAIN RESTRICTED SPEED TO DOWN MAIN
908AR	UP DEPARTURE FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN RESTRICTED SPEED TO DOWN MAIN

AS DISPLAYED ON SPEED INDICATOR

DESCRIPTION OF SIGNALS: FEATHERSTON

2RABC	UP HOME	NORMAL SPEED TO MAIN MEDIUM SPEED TO LOOP LOW SPEED TO ALL ROADS
2LA	DOWN DEPARTURE FROM MAIN	
2LB	DOWN DEPARTURE FROM LOOP	
8RA	UP STARTING FROM MAIN	
8RB	UP STARTING FROM LOOP	
8L	DOWN HOME	NORMAL SPEED TO MAIN MEDIUM SPEED TO LOOP LOW SPEED TO ALL ROADS
A8L	DOWN OUTER HOME	

DESCRIPTION OF SIGNALS: UPPER HUTT

1001ABC	DOWN HOME	NORMAL SPEED TO MAIN LOW SPEED TO MAIN
1002ABC	UP HOME FROM UP MAIN	# NORMAL SPEED (40 km/h) TO UP MAIN LOW SPEED TO UP MAIN NORMAL SPEED TO UP MAIN MEDIUM SPEED TO DOWN MAIN LOW SPEED TO UP MAIN, DOWN MAIN
1003ABC	DOWN DIRECTING FROM MAIN	# NORMAL SPEED (40 km/h) TO DOWN MAIN LOW SPEED TO DOWN MAIN NORMAL SPEED TO DOWN MAIN LOW SPEED TO DOWN MAIN, SIDINGS NORMAL SPEED TO UP MAIN MEDIUM SPEED TO SUBURBAN PLATFORM
1004ABC	UP HOME FROM DOWN MAIN	# MEDIUM SPEED (40 km/h) TO DOWN MAIN LOW SPEED TO UP MAIN, SUBURBAN PLATFORM, DOWN MAIN NORMAL SPEED TO DOWN MAIN MEDIUM SPEED TO UP MAIN RESTRICTED SPEED TO UP MAIN, DOWN MAIN
1005ABC	DOWN DIRECTING FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN MEDIUM SPEED TO UP MAIN, SUBURBAN PLATFORM LOW SPEED TO UP MAIN, SUBURBAN PLATFORM, DOWN MAIN
1006ABC	UP DIRECTING FROM UP MAIN	NORMAL SPEED TO UP MAIN MEDIUM SPEED TO DOWN MAIN RESTRICTED SPEED TO UP MAIN, DOWN MAIN
1007ABR	DOWN DEPARTURE FROM DOWN MAIN	LOW SPEED TO DOWN MAIN MEDIUM SPEED TO UP MAIN, DOWN MAIN RESTRICTED SPEED TO UP MAIN, DOWN MAIN
*1 - 1008ABC	UP DIRECTING FROM DOWN MAIN	LOW SPEED TO MAIN MEDIUM SPEED TO MAIN LOW SPEED TO MAIN NORMAL SPEED TO MAIN
*2 - 1009ABR	DOWN DEPARTURE FROM UP MAIN	
1010	SHUNT & UP DIRECTING	
1011ABR	DOWN DEPARTURE FROM SUBURBAN PLATFORM	
1012AC	UP DIRECTING FROM UP MAIN	
1014ABC	UP DIRECTING FROM DOWN MAIN	
1016	UP DEPARTURE	

DESCRIPTION OF ROUTE INDICATORS: UPPER HUTT

SIGNAL	DISPLAY	DISPLAY DESCRIPTION
1006	D	DOWN MAIN
	U	UP MAIN
	S	SUBURBAN PLATFORM
1008	D	DOWN MAIN
	U	UP MAIN
	S	SUBURBAN PLATFORM
1011	D	DOWN MAIN
	U	UP MAIN

- *1 TWO ROUTES PROVIDED FROM 1008 SIGNAL TO 1012 SIGNAL.
PREFERRED ROUTE VIA 1051N, 1053R AND ALTERNATIVE ROUTE VIA 1051R, 1053N
- *2 TWO ROUTES PROVIDED FROM 1009 SIGNAL TO W3123 SIGNAL.
PREFERRED ROUTE VIA 1053R, 1051N AND ALTERNATIVE ROUTE VIA 1053N, 1051R