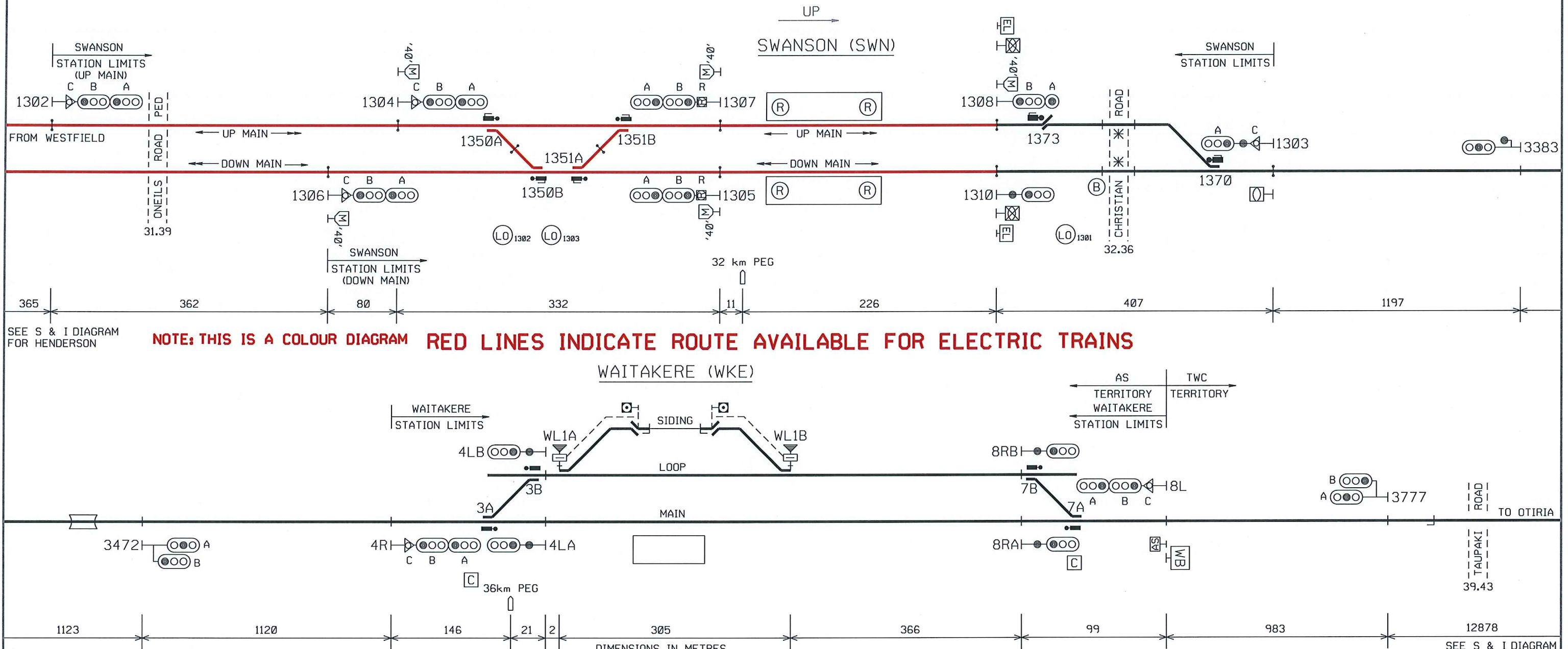


SWANSON - WAITAKERE

SIGNALLING & INTERLOCKING ARRANGEMENTS

THESE ARRANGEMENTS WILL BE BROUGHT INTO USE AT A TIME AND DATE TO BE ADVISED BY SEMI-PERMANENT BULLETIN.
THIS CANCELS S&I No. 2999
THESE TO BE COMPLETED BY THE RECIPIENT OF THE S & I DIAGRAM



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

SEE S & I DIAGRAM
FOR HENDERSON

SEE S & I DIAGRAM
FOR HELENSVILLE

NOTE: AXLE COUNTERS INSTALLED UP TO 1303 SIGNAL

- AXLE COUNTER
- AS BEGINS BOARD
- REQUEST FOR SIGNAL PUSHBUTTON
- NOTICE BOARD: ENTRY TO ETCS
- NOTICE BOARD: EXIT FROM ETCS
- LOCKOUT ARRANGEMENT
NUMBER DENOTES ZONE
- RESTRICTED SPEED SIGNAL
- 'ELECTRIC SERVICES LIMIT' BOARD

DESCRIPTION OF SIGNALS: SWANSON		
1302ABC	UP OUTER HOME FROM UP MAIN	NORMAL SPEED TO UP MAIN LOW SPEED TO UP MAIN
1303AC	DOWN HOME	NORMAL SPEED TO DOWN MAIN LOW SPEED TO DOWN MAIN OR UP MAIN
1304ABC	UP HOME FROM UP MAIN	NORMAL SPEED TO UP MAIN MEDIUM SPEED TO DOWN MAIN LOW SPEED TO UP MAIN OR DOWN MAIN
1305ABR	DOWN DEPARTURE FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN MEDIUM SPEED TO UP MAIN RESTRICTED SPEED TO UP MAIN OR DOWN MAIN
1306ABC	UP HOME FROM DOWN MAIN	NORMAL SPEED TO DOWN MAIN MEDIUM SPEED TO UP MAIN LOW SPEED TO UP MAIN OR DOWN MAIN
1307ABR	DOWN DEPARTURE FROM UP MAIN	NORMAL SPEED TO UP MAIN MEDIUM SPEED TO DOWN MAIN RESTRICTED SPEED TO DOWN MAIN OR UP MAIN
1308AB	UP DEPARTURE FROM UP MAIN	MEDIUM SPEED TO MAIN
1310	UP DEPARTURE FROM DOWN MAIN	NORMAL SPEED TO MAIN

DESCRIPTION OF SIGNALS: WAITAKERE		
4RABC	UP HOME	NORMAL SPEED TO MAIN MEDIUM SPEED TO LOOP LOW SPEED TO ALL ROADS
4LA	DOWN DEPARTURE FROM MAIN	NORMAL SPEED TO MAIN
4LB	DOWN DEPARTURE FROM LOOP	NORMAL SPEED TO MAIN
8RA	UP STARTING FROM MAIN	NORMAL SPEED TO MAIN
8RB	UP STARTING FROM LOOP	NORMAL SPEED TO MAIN
8LABC	DOWN HOME	NORMAL SPEED TO MAIN MEDIUM SPEED TO LOOP LOW SPEED TO ALL ROADS

I. D. COTTON
NATIONAL STANDARDS AND RISK MANAGER