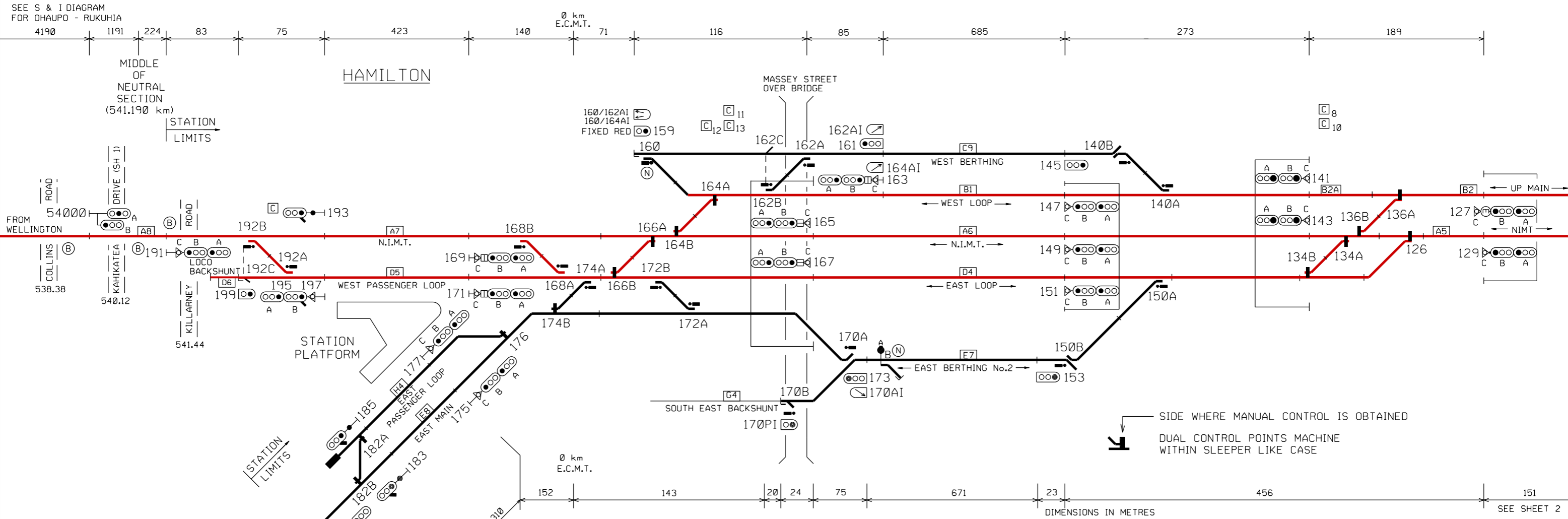


TE RAPA (TRP)

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.3210
THESE TO BE COMPLETED BY THE RECIPIENT OF THE S & I DIAGRAM

UP
→



ROUTE INDICATOR DESCRIPTIONS		
DESCRIPTION ON ROUTE INDICATOR	TO ROAD	ON SIGNALS
E	EAST BERTHING (E7)	169 & 171
W	WEST LOOP (B1)	169 & 171
L	EAST LOOP (D4)	169
E	EAST MAIN (E8)	163, 165 & 167
M OR EM	MAIN TRUNK (A7) OR (A6)	163, 165 & 171
W	WEST PASSENGER LOOP (D5)	163 & 165
L	EAST PASSENGER LOOP (H4)	163, 165 & 167

- (E) LIGHT ILLUMINATED INDICATES ROUTE SET TO ELECTRIFIED ROAD
- (N) POINTS SECURED NORMAL
- [] CRANK HANDLE
- [8] CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No. 140
- [10] CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No. 150
- [11] CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 160,162
- [12] CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No. 168
- [13] CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 170,172,174A

LINE IDENTIFICATION FOR HI-RAILER MOVEMENTS (LOCATIONS SIGNPOSTED)
WEST LOOP: EXTENDS FROM 163 SIGNAL TO 127 SIGNAL,
NIMT: ENDS AT 121 SIGNAL,
EAST LOOP: EXTENDS FROM 167 SIGNAL TO 126 POINTS (ON MAINLINE)
UP MAIN: COMMENCES AT 127 SIGNAL

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

FOR DESCRIPTION OF SIGNALS PLEASE TURN TO SHEET 4

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P.R. KING
SENIOR SIGNALS ENGINEER

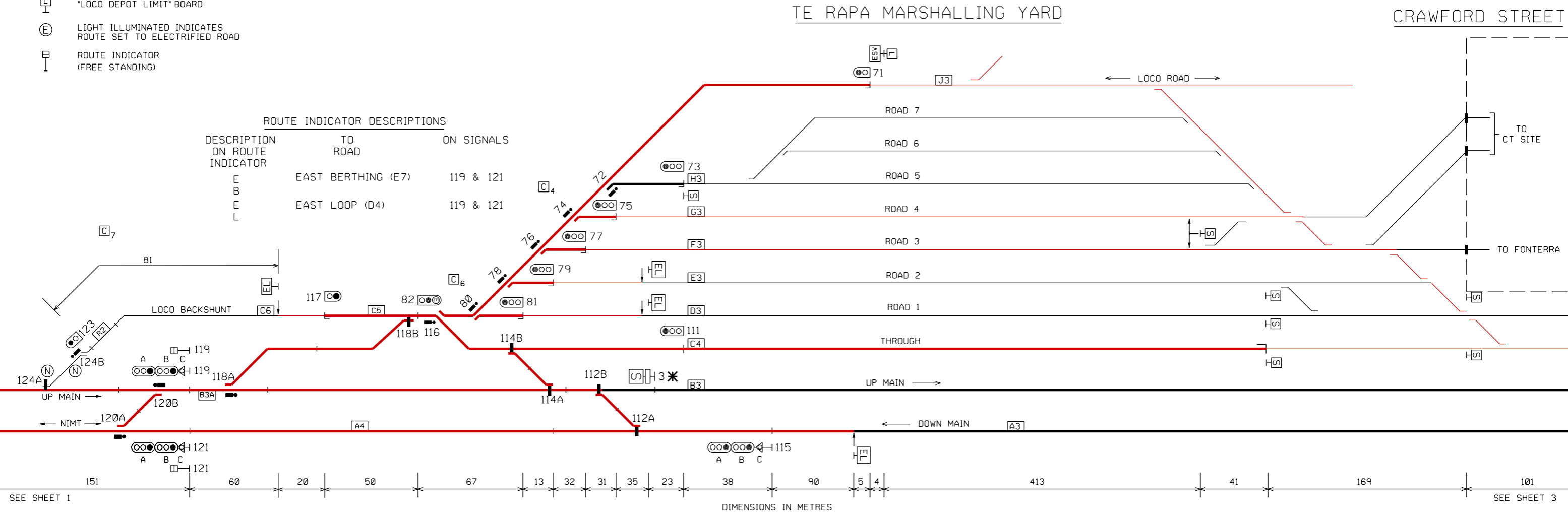
TE RAPA (TRP)

SIGNALLING & INTERLOCKING ARRANGEMENTS

- CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 72,74,76,78,80
- CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 116,118A
- CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 120,124B
- *ELECTRIC LOCO LIMIT* BOARD
- *LOCO DEPOT LIMIT* BOARD
- LIGHT ILLUMINATED INDICATES ROUTE SET TO ELECTRIFIED ROAD
- ROUTE INDICATOR (FREE STANDING)

ROUTE INDICATOR DESCRIPTIONS

DESCRIPTION ON ROUTE INDICATOR	TO ROAD	ON SIGNALS
E	EAST BERTHING (E7)	119 & 121
B		
E	EAST LOOP (D4)	119 & 121
L		



- ELECTRIC SHUNTING VEHICLES LOCO LIMIT BOARD
- LOCKED GATE
- SECURITY FENCE
- ALL TRAINS STOP BOARD WITH LOCATION IDENTIFIER
- *PERMISSION TO PASS REQUIRED FROM TRAIN CONTROL* NOTICE BOARD (MOUNTED BELOW *ALL TRAINS STOP* NOTICE BOARD)
- POINTS ISOLATED AND CLAMPED IN NORMAL POSITION

DESCRIPTION OF SIGNALS		
71	DOWN SHUNT FROM J3	LOW SPEED TO B3A, C5 AND C6
73	SHUNT AND DOWN DIRECTING FROM H3	LOW SPEED TO B3A, C5 AND C6
75	SHUNT AND DOWN DIRECTING FROM G3	LOW SPEED TO B3A, C5 AND C6
77	SHUNT AND DOWN DIRECTING FROM F3	LOW SPEED TO B3A, C5 AND C6
79	SHUNT AND DOWN DIRECTING FROM E3	LOW SPEED TO B3A, C5 AND C6
81	SHUNT AND DOWN DIRECTING FROM D3	LOW SPEED TO B3A, C5 AND C6
82	UP SHUNT FROM C5	LOW SPEED WITH 'E' TO D3, E3, F3, G3, J3, C4 A3 OCCUPIED
111	SHUNT AND DOWN DIRECTING FROM C4	LOW SPEED TO B3, H3
115ABC	DOWN DIRECTING FROM A3	LOW SPEED TO B3A, C5 AND C6 NORMAL SPEED TO A4 MEDIUM SPEED TO B3A
117	UP SHUNT FROM C6	LOW SPEED TO A4, B3A, C5 AND C6
119ABC	DOWN DIRECTING FROM B3A	LOW SPEED TO C5 NORMAL SPEED TO B2A MEDIUM SPEED TO A5, D4
121ABC	DOWN DIRECTING FROM A4	LOW SPEED TO A5, B2 AND B2A, D4, E7 NORMAL SPEED TO A5 MEDIUM SPEED TO D4
123	SHUNT AND DOWN DIRECTING FROM R2	LOW SPEED TO A5, D4, E7 LOW SPEED TO B2

LINE IDENTIFICATION FOR HI-RAILER MOVEMENTS (LOCATIONS SIGNPOSTED)
NIMT: ENDS AT 121 SIGNAL,
DOWN MAIN: ENDS AT 121 SIGNAL

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

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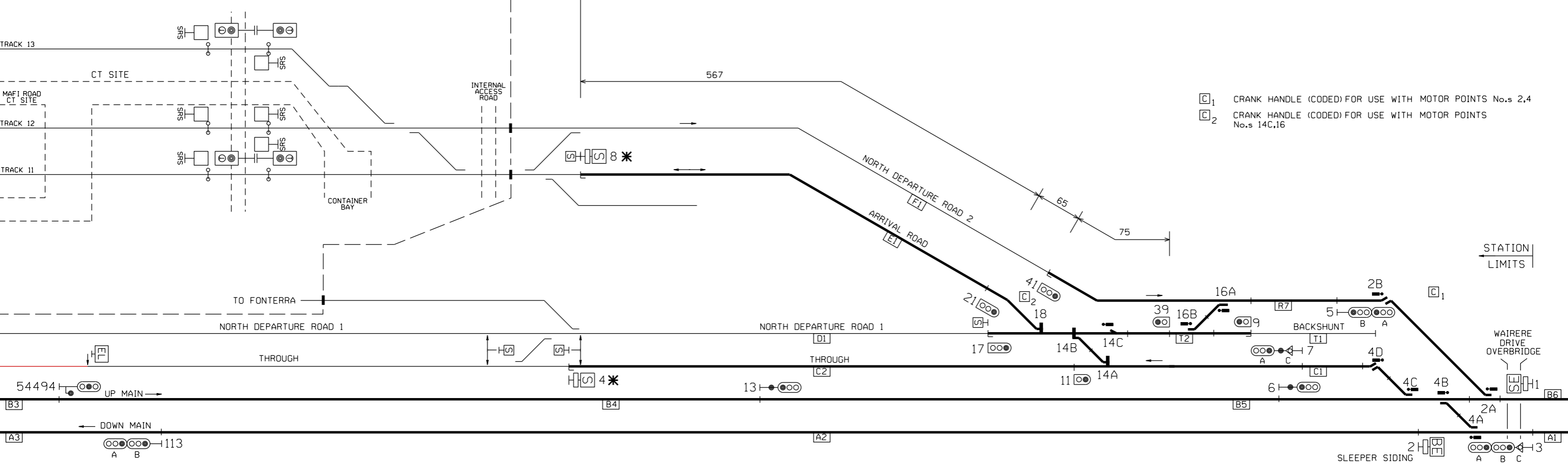
P.R.KING
SENIOR SIGNALS ENGINEER

CRAWFORD STREET

TE RAPA (TRP)

SIGNALLING & INTERLOCKING ARRANGEMENTS

- [C]₁ CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 2,4
- [C]₂ CRANK HANDLE (CODED) FOR USE WITH MOTOR POINTS No.s 14C,16



CROSSING SIGNAL DISPLAYS
RED OR WHITE 'T' BACK TO BACK SIGNAL HEAD, ONE MAST

NOTICE BOARD "STOP ON RED SIGNAL"

SRS

* "PERMISSION TO PASS REQUIRED FROM TRAIN CONTROL" NOTICE BOARD
(MOUNTED BELOW "ALL TRAINS STOP" NOTICE BOARD)

STATION ENTRY BOARD

BLOCK ENTRY BOARD

DESCRIPTION OF SIGNALS		
3ABC	DOWN HOME FROM A1 (FROM AUCKLAND)	NORMAL SPEED TO A2 MEDIUM SPEED TO C1 LOW SPEED TO C1
5AB	UP STARTING FROM R7	MEDIUM SPEED TO B6
6	UP STARTING FROM B5	NORMAL SPEED TO B6
7AC	DOWN DIRECTING FROM C1	LOW SPEED TO C2, D1, E1
9	DOWN SHUNT FROM T1	LOW SPEED TO D1, E1, T2
11	FIXED RED	
13	UP DIRECTING FROM B4	NORMAL SPEED TO B5
17	SHUNT AND UP STARTING FROM D1	LOW SPEED TO R7, T2, T1
21	SHUNT AND UP STARTING FROM E1	LOW SPEED TO R7, T2, T1
39	DOWN SHUNT FROM T2	LOW SPEED TO D1, E1
41	SHUNT FROM F1	LOW SPEED TO R7
113AB	DOWN DIRECTING FROM A2	NORMAL SPEED TO A3

NOTE: THIS IS A COLOUR DIAGRAM
RED LINE INDICATES ROUTE AVAILABLE FOR ELECTRIC TRAINS

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P.R.KING
SENIOR SIGNALS ENGINEER

TE RAPA (TRP)

SIGNALLING & INTERLOCKING ARRANGEMENTS

TE RAPA: DESCRIPTION OF SIGNALS

127ABC	UP DIRECTING FROM B2	NORMAL SPEED TO B3 LOW SPEED WITH 'E' TO A3 OCCUPIED, C5 LOW SPEED TO B3
129ABC	UP DIRECTING FROM A5	MEDIUM SPEED TO B3 LOW SPEED TO A3 OCCUPIED, A4 OCCUPIED, B3 OR C5
141ABC	DOWN DIRECTING FROM B2A	NORMAL SPEED TO B1 MEDIUM SPEED TO C9 LOW SPEED TO B1 OR C9
143ABC	DOWN DIRECTING FROM A5	NORMAL SPEED TO A6 LOW SPEED TO A6
145	SHUNT AND UP DIRECTING FROM C9	LOW SPEED TO B2
147ABC	UP DIRECTING FROM B1	NORMAL SPEED TO B2 LOW SPEED TO B2
149ABC	UP DIRECTING FROM A6	NORMAL SPEED TO A5 MEDIUM SPEED TO B2 LOW SPEED TO A5 OR B2
151ABC	UP DIRECTING FROM D4	MEDIUM SPEED TO A5 OR B2 LOW SPEED TO A5 OR B2
153	SHUNT AND UP DIRECTING FROM E7	LOW SPEED TO A5 OR B2
159	FIXED RED	
161	SHUNT AND DOWN DIRECTING FROM C9	LOW SPEED TO A7, D5, E8 OR H4
163ABC	DOWN DIRECTING FROM B1	MEDIUM SPEED TO A7, D5, E8 OR H4 LOW SPEED TO A7, D5, E8 OR H4
165ABC	DOWN DIRECTING FROM A6	NORMAL SPEED TO A7 MEDIUM SPEED TO D5, E8 OR H4 LOW SPEED TO A7, D5, E8 OR H4
167ABC	DOWN DIRECTING FROM D4	NORMAL SPEED TO D5 MEDIUM SPEED TO A7, E8 OR H4 LOW SPEED TO A7, D5, E8 OR H4
169ABC	UP DIRECTING FROM A7	NORMAL SPEED TO A6 MEDIUM SPEED TO B1, C9 OR D4 LOW SPEED TO A6, B1, C9, D4 OR E7
171ABC	UP DIRECTING FROM D5	NORMAL SPEED TO D4 MEDIUM SPEED TO A6, B1 OR C9 LOW SPEED TO A6, B1, C9, D4 OR E7
173	SHUNT AND DOWN DIRECTING FROM E7	LOW SPEED TO A7, D5, E8 OR H4
175ABC	UP DIRECTING FROM E8	MEDIUM SPEED TO A6, B1, C9 OR D4 LOW SPEED TO A6, B1, C9, D4 OR E7
177ABC	UP DIRECTING FROM H4	MEDIUM SPEED TO A6, B1, C9 OR D4 LOW SPEED TO A6, B1, C9, D4 OR E7
181ABC	UP HOME FROM E9 (FROM KAWERAU)	NORMAL SPEED TO E8 MEDIUM SPEED TO H4 LOW SPEED TO E8 OR H4
183	DOWN DEPARTURE FROM E8	
185	DOWN DEPARTURE FROM H4	
191ABC	UP HOME FROM A8 (FROM WELLINGTON)	NORMAL SPEED TO A7 MEDIUM SPEED TO D5 LOW SPEED TO A7 OR D5
193	DOWN DEPARTURE FROM A7	
195AB	DOWN DEPARTURE FROM D5	MEDIUM SPEED TO A8
197	DOWN SHUNT FROM D5	LOW SPEED TO D6
199	UP SHUNT FROM D6	LOW SPEED TO D5