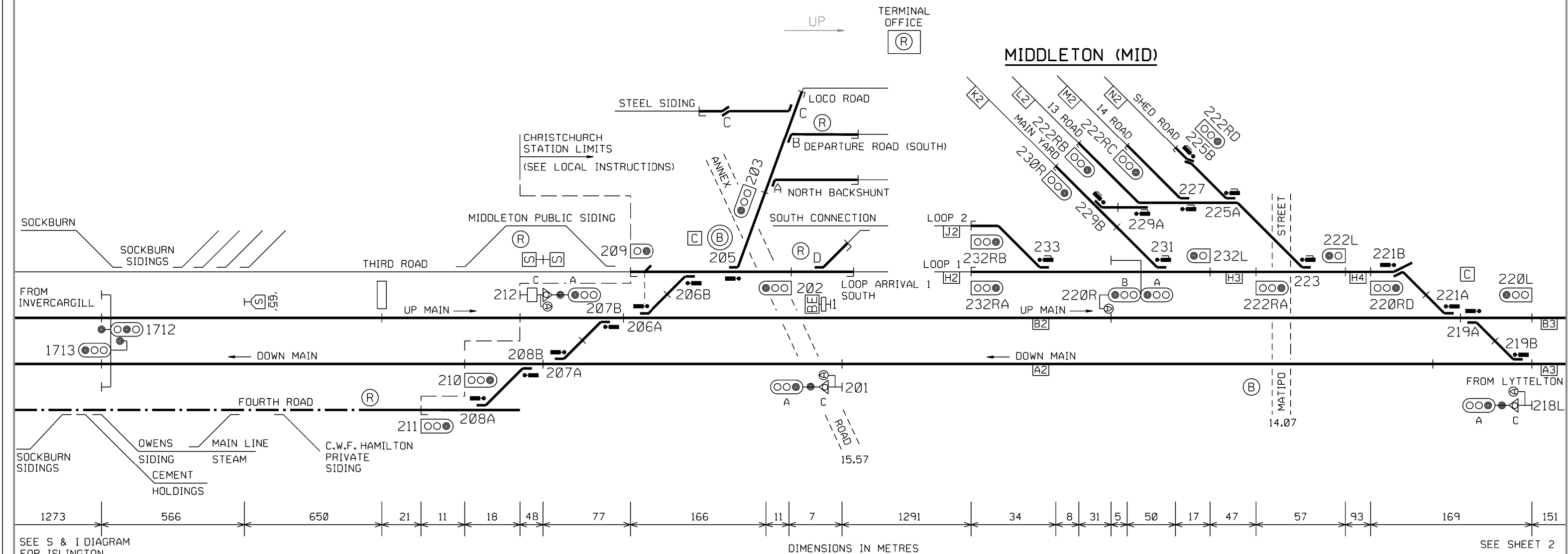


SIGNALLING & INTERLOCKING ARRANGEMENTS

THESE ARRANGEMENTS WILL BE BROUGHT INTO USE AT A TIME AND DATE TO BE ADVISED BY SEMI-PERMANENT BULLETIN.
THIS CANCELS S&I No. 3357
THESE TO BE COMPLETED BY THE RECIPIENT OF THE S & I DIAGRAM



BE BLOCK ENTRY BOARD

MARKER BOARD FOR TRAINS STOPPING ON UP MAIN TO CHANGE LOCOMOTIVES

ROUTE INDICATOR DESCRIPTION	
ROUTE INDICATOR ON SIGNAL NUMBER	SHOWS
212	AR, DP

AR - ARRIVAL
DP - DEPARTURE

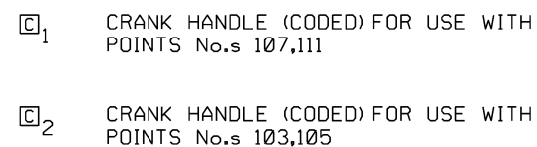
SPECIAL INSTRUCTIONS APPLY
REFER LOCAL INSTRUCTIONS

B BARRIER REMOTE RAISE

FOR DESCRIPTION OF SIGNALS SEE SHEET 4

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P.R.KING
SENIOR SIGNALS ENGINEER



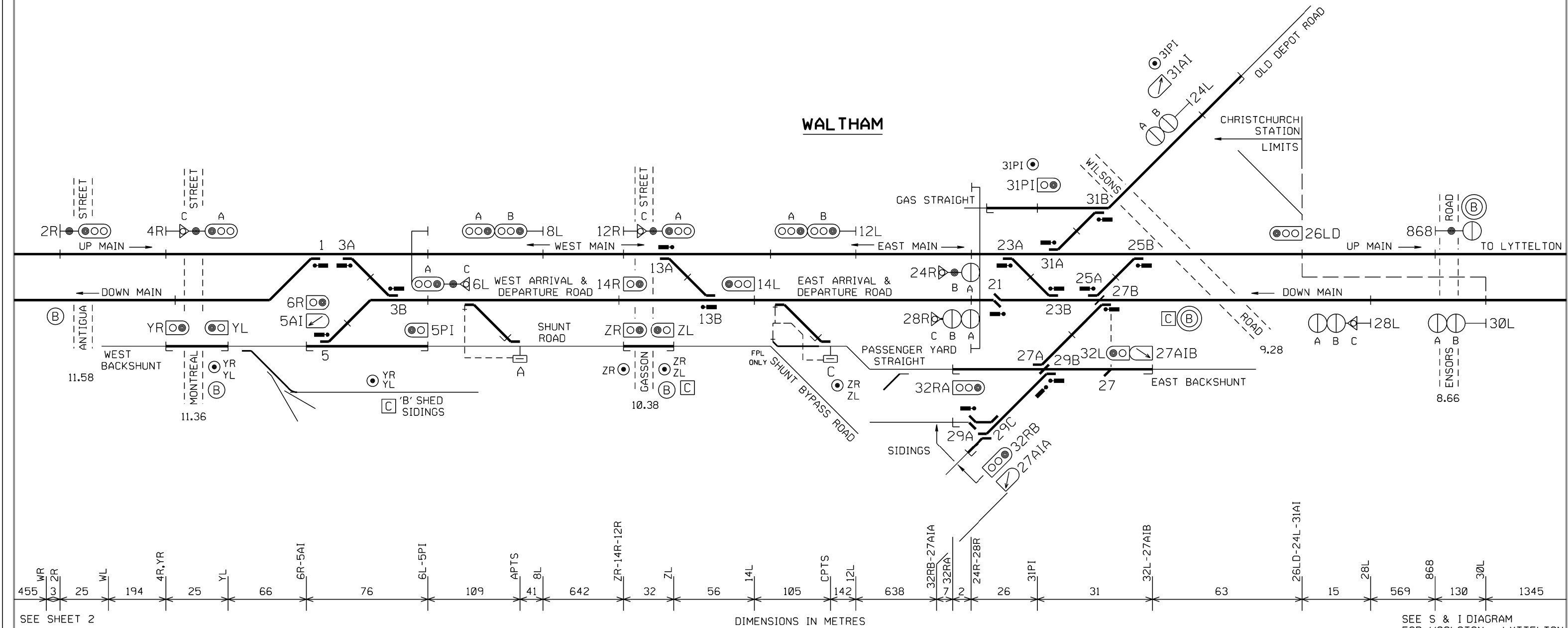
P.R.KING
SENIOR SIGNALS ENGINEER

KiwiRail

CHRISTCHURCH

SIGNALLING & INTERLOCKING ARRANGEMENTS

S & I DIAGRAM No. 3417
SHEET No.3 OF 4



C C POINTS LOCKED NORMAL AND REVERSE
(B) BARRIER REMOTE RAISE

DESCRIPTION OF SIGNALS

CHRISTCHURCH STATION

108LAB DOWN DIRECTING FROM STATION MAIN

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110LA  DOWN DIRECTING FROM DOWN MAIN
110LB  SHUNT AND DOWN DIRECTING FROM WAGON DEPOT
114RAC  UP DIRECTING FROM STATION MAIN

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114RB SHUNT AND UP DIRECTING FROM STATION LOOP
114LABC DOWN DIRECTING FROM MAIN NORTH LINE

NORMAL SPEED TO UP MAIN
INTERMEDIATE SPEED TO STATION MAIN
MEDIUM SPEED TO STATION LOOP
LOW SPEED TO UP MAIN OR STATION MAIN
OR STATION LOOP OR WAGON DEPOT
NORMAL SPEED TO UP MAIN
INTERMEDIATE SPEED TO DOWN MAIN
LOW SPEED TO UP MAIN OR DOWN MAIN
LOW SPEED TO UP MAIN OR DOWN MAIN
LOW SPEED TO UP MAIN OR STATION MAIN
OR STATION LOOP OR WAGON DEPOT
NORMAL SPEED TO DOWN MAIN
LOW SPEED TO DOWN MAIN
NORMAL SPEED TO MAIN NORTH LINE
LOW SPEED TO MAIN NORTH LINE
LOW SPEED TO MAIN NORTH LINE
NORMAL SPEED TO STATION MAIN
MEDIUM SPEED TO STATION LOOP
LOW SPEED TO STATION MAIN OR STATION LOOP

ADDINGTON

7ABC DOWN DIRECTING AND SHUNT FROM UP MAIN

25A SHUNT FROM EAST BACKSHUNT
25B SHUNT FROM EAST BACKSHUNT
52 SHUNT AND UP DIRECTING FROM WAGON DEPOT
55 FIXED RED
56AB UP DIRECTING FROM DOWN MAIN

NORMAL SPEED TO DOWN MAIN
LOW SPEED TO ALL ROADS
MEDIUM SPEED TO DOWN MAIN
LOW SPEED TO DOWN MAIN OR WAGON DEPOT
LOW SPEED TO WAGON DEPOT
LOW SPEED TO WAGON DEPOT
LOW SPEED TO ALL ROADS

59 UP DIRECTING FROM UP MAIN
60AB UP DIRECTING FROM UP MAIN

NORMAL SPEED TO DOWN MAIN
MEDIUM SPEED TO UP MAIN

MIDDLETON

201AC DOWN STARTING AND SHUNT

202 DOWN STARTING AND SHUNT FROM LOOP ARRIVAL 1 SOUTH
AND SOUTH BACKSHUNT
203 DOWN STARTING AND SHUNT FROM NORTH BACKSHUNT,
ARRIVAL ROAD (SOUTH) OR DEPARTURE ROAD (SOUTH)
209 SHUNT FROM THIRD ROAD

NORMAL SPEED TO DOWN MAIN
LOW SPEED TO FOURTH ROAD
LOW SPEED TO UP MAIN OCCUPIED, DOWN MAIN,
THIRD ROAD OR FOURTH ROAD
LOW SPEED TO UP MAIN OCCUPIED, DOWN MAIN,
THIRD ROAD OR FOURTH ROAD
LOW SPEED TO NORTH BACKSHUNT, ARRIVAL ROAD (SOUTH),
DEPARTURE ROAD SOUTH, LOOP ARRIVAL 1 SOUTH OR
SOUTH BACKSHUNT
LOW SPEED TO UP MAIN, DOWN MAIN OCCUPIED,
NORTH BACKSHUNT, ARRIVAL ROAD SOUTH,
DEPARTURE ROAD (SOUTH), LOOP ARRIVAL 1 SOUTH OR
SOUTH BACKSHUNT
LOW SPEED TO UP MAIN, DOWN MAIN OCCUPIED,
NORTH BACKSHUNT, ARRIVAL ROAD SOUTH,
DEPARTURE ROAD (SOUTH), LOOP ARRIVAL 1 SOUTH OR
SOUTH BACKSHUNT
NORMAL SPEED TO UP MAIN
LOW SPEED TO NORTH BACKSHUNT, ARRIVAL ROAD (SOUTH),
DEPARTURE ROAD (SOUTH), LOOP ARRIVAL 1 SOUTH OR
SOUTH CONNECTION

MIDDLETON CONTINUED

218LAC DOWN DIRECTING FROM A3

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220L  SHUNT AND DOWN DIRECTING FROM B3
220RAB UP DIRECTING FROM UP MAIN
220RD SHUNT AND UP DIRECTING FROM H4
222L  SHUNT FROM H4
222RA SHUNT AND UP DIRECTING FROM H3
222RB SHUNT AND UP DIRECTING FROM L2
222RC SHUNT AND UP DIRECTING FROM M2
222RD SHUNT AND UP DIRECTING FROM N2
230R  SHUNT AND UP DIRECTING FROM K2
232L  SHUNT FROM H3
232RA SHUNT AND UP DIRECTING FROM H2
232RB SHUNT AND UP DIRECTING FROM J2

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NORMAL SPEED TO A2
LOW SPEED TO H4
LOW SPEED TO H4
NORMAL SPEED TO B3
LOW SPEED TO B3
LOW SPEED TO H3, K2, L2, M2 OR N2
LOW SPEED TO H4
LOW SPEED TO H4
LOW SPEED TO H4
LOW SPEED TO H3 OR H4
LOW SPEED TO H2, J2 OR K2
LOW SPEED TO H3
LOW SPEED TO H3

WALTHAM

2R UP DIRECTING ALONG UP MAIN
4RAC UP DIRECTING FROM UP MAIN

6R SHUNT FROM WEST BACKSHUNT
6LAC DOWN DIRECTING AND SHUNT FROM
WEST ARRIVAL & DEPARTURE ROAD

8LAB DOWN DIRECTING
12RAC UP DIRECTING AND SHUNT FROM WEST MAIN

NORMAL SPEED TO WEST MAIN
LOW SPEED TO WEST ARRIVAL & DEPARTURE ROAD OR
SHUNT ROAD
LOW SPEED TO WEST ARRIVAL & DEPARTURE ROAD
NORMAL SPEED TO DOWN MAIN
LOW SPEED TO WEST BACKSHUNT
INTERMEDIATE SPEED TO DOWN MAIN
NORMAL SPEED TO EAST MAIN
LOW SPEED TO EAST ARRIVAL & DEPARTURE ROAD OR
PASSENGER YARD STRAIGHT

12LAB DOWN DIRECTING FROM EAST MAIN
14R SHUNT FROM WEST ARRIVAL & DEPARTURE ROAD

14L SHUNT AND DOWN DIRECTING FROM
EAST ARRIVAL & DEPARTURE ROAD
24RAB UP STARTING AND SHUNT FROM EAST MAIN

24LAB DOWN DIRECTING FROM OLD DEPOT ROAD
26LD SHUNT FROM UP MAIN
28RABC UP STARTING AND SHUNT FROM
EAST ARRIVAL & DEPARTURE
28LABC DOWN HOME

LOW SPEED TO EAST ARRIVAL & DEPARTURE ROAD OR
PASSENGER YARD STRAIGHT
LOW SPEED TO WEST MAIN OR
WEST ARRIVAL & DEPARTURE ROAD
NORMAL SPEED TO UP MAIN
LOW SPEED TO OLD DEPOT ROAD
MEDIUM SPEED TO EAST MAIN
LOW SPEED TO ALL ROADS
MEDIUM SPEED TO UP MAIN

MEDIUM SPEED TO EAST MAIN
LOW SPEED TO EAST ARRIVAL & DEPARTURE ROAD,
PASSENGER YARD STRAIGHT OR SIDINGS

LOW SPEED TO UP MAIN OR EAST BACKSHUNT

LOW SPEED TO UP MAIN
LOW SPEED TO PASSENGER YARD

SIGNALS UNDER CONTROL OF SHUNTING STAFF

SIGNALS UNDER CONTROL OF SHORTING				
YR	SHUNT	ALONG	WEST	BACKSHUNT
YL	SHUNT	ALONG	WEST	BACKSHUNT
ZR	SHUNT	ALONG	SHUNT	ROAD
ZL	SHUNT	ALONG	SHUNT	ROAD

LOW SPEED ACROSS MONTREAL STREET
LOW SPEED ACROSS MONTREAL STREET
LOW SPEED ACROSS GASSON STREET
LOW SPEED ACROSS GASSON STREET