

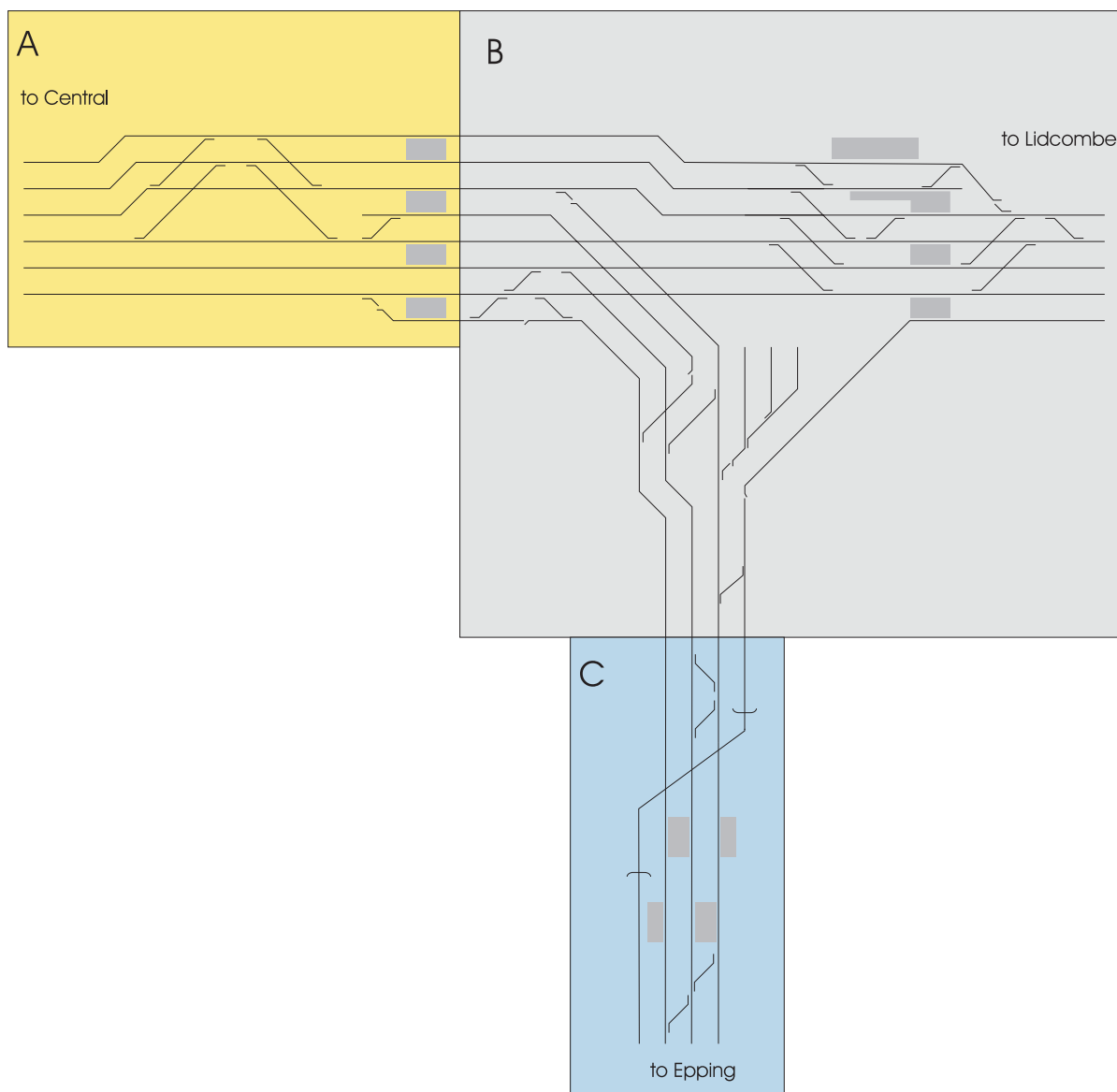
# Strathfield

## Location

This unit includes:

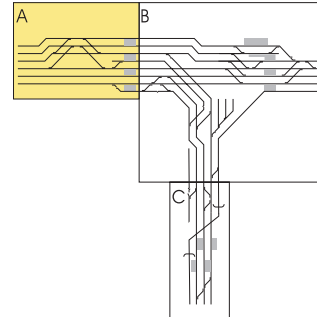
- Strathfield at 11.713km
- Homebush at 12.669km
- North Strathfield at 13.308km
- Concord West at 14.450km.

## Diagrams

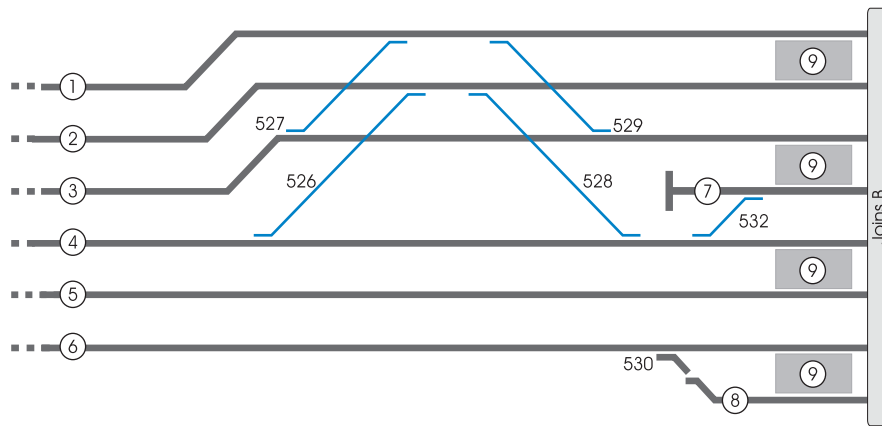


# Strathfield

A



to Central

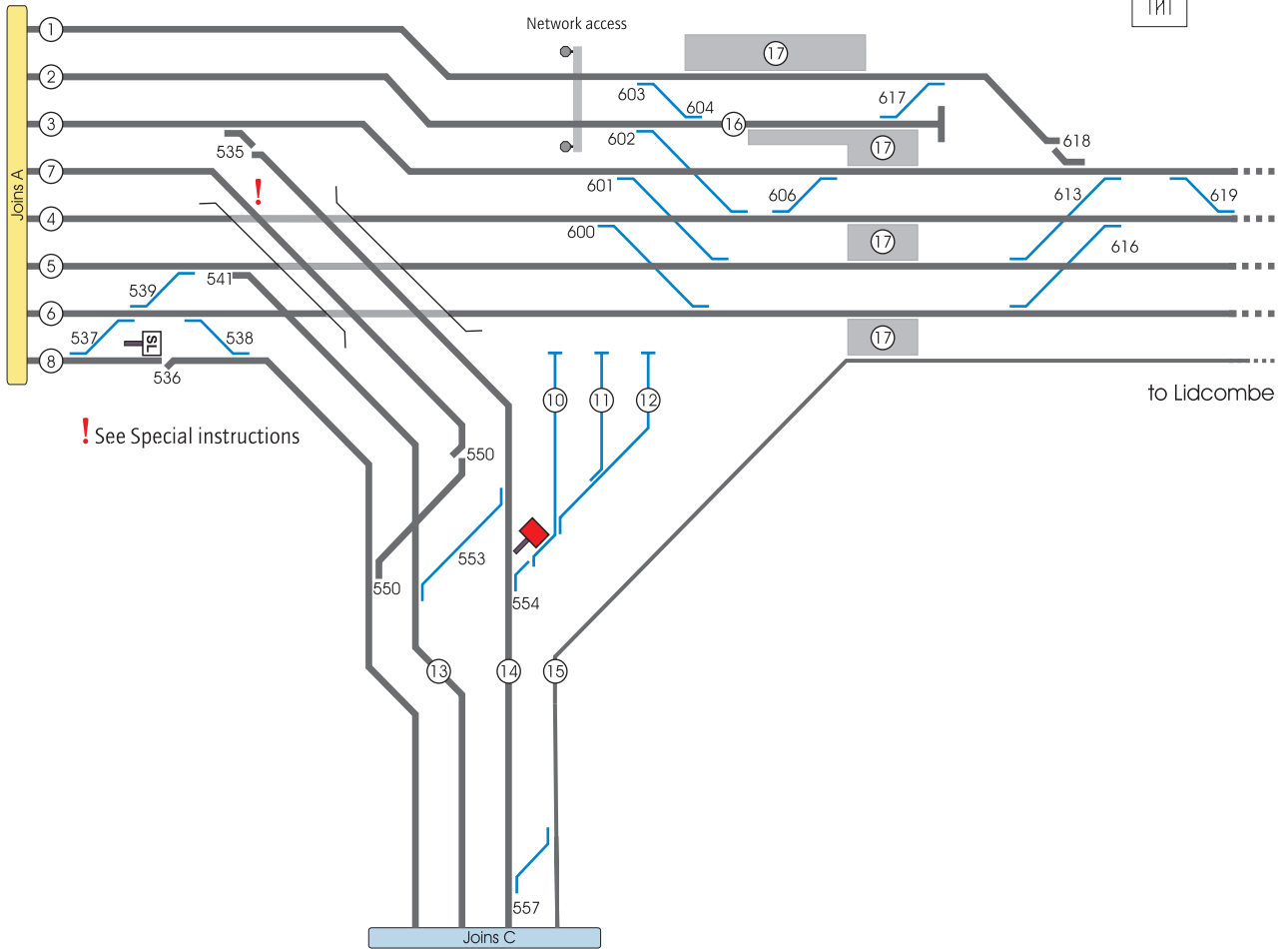
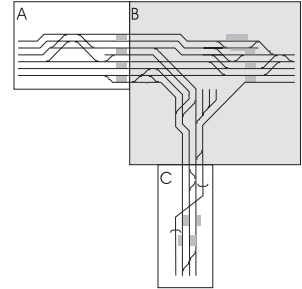


**KEY**

- |                      |                    |                          |
|----------------------|--------------------|--------------------------|
| 1 Down Local line    | 4 Up Suburban line | 7 Up North Suburban line |
| 2 Up Local line      | 5 Down Main line   | 8 Up North Main line     |
| 3 Down Suburban line | 6 Up Main line     | 9 Strathfield            |

# Strathfield

B

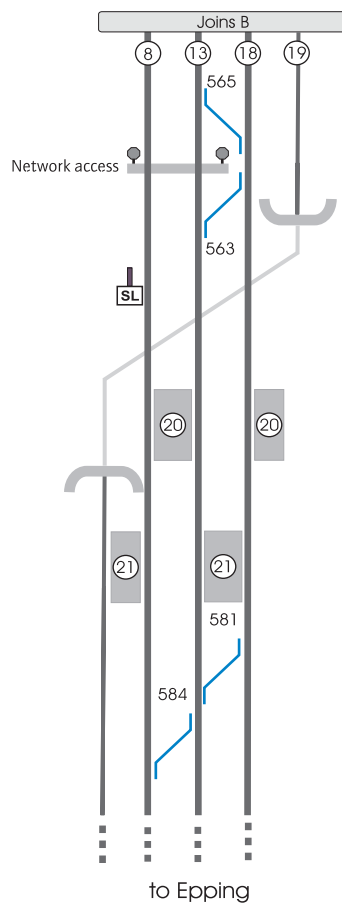
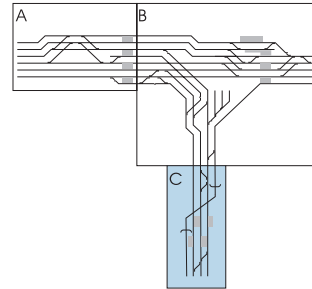


**KEY**

- |                      |                          |                                 |
|----------------------|--------------------------|---------------------------------|
| 1 Down Local line    | 7 Up North Suburban line | 14 Down North Suburban line     |
| 2 Up Local line      | 8 Up North Main line     | 15 North Strathfield Goods line |
| 3 Down Suburban line | 10 No 1 siding 182m      | 16 Local Terminal Road line     |
| 4 Up Suburban line   | 11 No 2 siding 109m      | 17 Homebush                     |
| 5 Down Main line     | 12 No 3 siding 150m      |                                 |
| 6 Up Main line       | 13 Down North Main line  |                                 |

# Strathfield

C



**KEY**

- 8 Up North Main line
- 13 Down North Main line

- 18 Down Relief line
- 19 Up Relief line

- 20 North Strathfield
- 21 Concord West

















## Network Control


Signaller at Homebush Control Centre (Strathfield panel)

## Strathfield

### Strathfield Yard limits

Strathfield abuts Rhodes on the North Main line and Up and Down Relief lines, and Homebush on the West Main Line, the Suburban lines and Flemington Goods line.

Down Local line	 11.042km Down signal ST105L
Up Local line	 11.168km Up signal ST104L
Down Suburban line	 11.003km Down signal ST103S
	 14.123km Down Signal ST293S
Up Suburban line	 11.168km Up signal ST102S
	 13.611km Up signal ST276S
Down West Main line	 11.352km Down signal ST107M
	 14.123km Down signal ST291M
Up West Main line	 11.168km Up signal ST100M
	 13.243km Up signal ST268M
Down North Main line	 15.263km Rhodes Down signal RS7N
Up Relief Line	 13.720km Up signal ST174
Up North Main Line	 15.112km Rhodes Up signal ST194N
Down Relief line	 15.263km Rhodes Down signal RS5R
Flemington Goods Line	 13.611km Up signal ST272G
	 13.611km Up signal ST272G




 NOTE: Kilometrages shown for the Main Goods line (Enfield–Flemington) are via Enfield.

### Homebush Yard limits

Homebush abuts Strathfield on the West Main line, the Suburban lines and Flemington Goods line.

Down Main South line	 17.639km Down signal ST423LC
Up Main South line	 17.669km Up signal ST414LC
Down Main Goods line (Enfield–Flemington)	 19.235km Down signal ST369SJD
Up Main Goods line (Enfield–Flemington)	 18.890km Up signal ED18.8
Down Suburban line	 14.123km Down signal ST293S
	 19.572km Down signal S12.15
Up Suburban line	 19.527km Up signal S12.14
	 13.243km Up signal ST270S
Down West Main line	 14.123km Down signal ST291M
	 19.572km Down signal M12.15









## Strathfield

Up West Main line	 11.168km Up signal ST100M
	 13.243km Up signal ST268M
Flemington Goods Line	13.611km Up signal ST272G
	 13.611km Up signal ST272G



### Location details



Interlocked points are operated from Strathfield signal box.

-  See Special instructions
-  11.713km Strathfield. Platforms 1 and 2, 3 and 4, 5 and 6, 7 and 8
-  12.090km Down SHUNT LIMIT sign on Up Main North line
-  12.520km Up electric train STOP sign on No 1 siding
-  12.669km Homebush. Platforms 2, 3 and 4, 5 and 6, 7
-  13.076km Down SHUNT LIMIT sign on Up Relief line
-  13.308km North Strathfield. Platforms 1 and 2, 3
-  14.450km Concord West. Platforms 1 and 2, 3 and 4

### Level crossings

-  12.464km Network access on the Up and Down Local lines
-  12.847km Network access on the Up and Down North Main and the Up Relief lines

### Special instructions


#### Automatic normalising of catch points 535

When rail vehicles that do not reliably operate track-circuits are to traverse the Down Suburban – Down Suburban North lines via 535 points, catch points 535 must be locked into position using the point lever to disable the automatic normalising facility.

#### Work on track North Strathfield Rail Underpass (NSRU)

Before any work on track method or authority can be authorised for work on the Up Relief line at North Strathfield, the Signaller must ensure that:

- the entire portion of the Up Relief line is unoccupied, and
- all signals giving entry to the Up Relief line in both directions have been set at STOP with blocking facilities applied.

 **WARNING:** Other than during a Local Possession Authority, the use of Lookout Working is **not permitted** from Signal No. ST 174R at North Strathfield to 557 points at North Strathfield on the Up Relief line.

## Strathfield

### Passing Signals ST164, ST166 and ST168 at Stop

Prior to authorising signals ST164, ST166 or ST168 to be passed at Stop, the Area Controller Strathfield panel must tell the Network Controller about the proposed movement and compile a NRF 012 Unsignalled Movement checklist form. When compiling this form, *the movement beyond a starting or home/starting signal on a bi-directional line, but not beyond the yard limits* in section two should be selected.

### Maintenance Window Local Possession Authority (LPA)

During Maintenance Window LPA's (MW6a, MW6c, MW7, MW8, MW16b, MW16c, MW17a, and MW17b), a worksite may be established within 500 metres of the LPA limit for maintenance activities, inspections and testing if:

- points can be secured to prevent access to the portion of track within the LPA,
- or a Work On Track Authority for the track adjoining the LPA limit has been authorised for the period of work.


In exception to *NWT 302 Local Possession Authority*, if a set of points cannot be secured to prevent access to the portion of track or a Work On Track Authority adjoining the LPA limit is not authorised, a worksite may be established within 500 metres of the LPA limit, under the following conditions

The work within 500 metres of the LPA limit must not;

- require a work on track authority
- break the track
- alter the track geometry or structure.

Work within 500 metres of the LPA limit is limited to;

- work not requiring tools, or
- work using tools which can be easily and immediately removed from the track by one person and are:
  - light, non-powered hand tools
  - light, battery powered tools or devices.

 NOTE: An additional Qualified Worker must be provided to make sure that workers remain within the worksite limits.

Points that are clipped and locked to protect a Maintenance Window LPA may be unclipped in accordance with NSG 616 *Precautions during signalling equipment testing*.

## Strathfield

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### Related documents

- NLA 110 Central-Lidcombe*
  - NLA 116 Flemington*
  - NLA 118 Olympic Park*
  - NLA 120 Lidcombe*
  - NLA 300 Strathfield-Hornsby*
  - NLA 500 Lidcombe-Campbelltown*
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### Effective date

5 October 2018