



**ROAD TRAFFIC REGULATION ACT 1984 – SECTIONS 64 AND 65
AUTHORISATION OF TRAFFIC SIGNS AND SPECIAL DIRECTIONS**

The Secretary of State for Transport, in exercise of powers conferred on her by Sections 64(1) and (2) and 65(1) of the Road Traffic Regulation Act 1984 (a) and of all other powers enabling her in that behalf, hereby gives the authorisation contained in paragraphs 2 and 3 of this Instrument and gives the directions contained in paragraph 4 of this Instrument.

1. In this Instrument—

“authorised sign” means a traffic sign whose erection is authorised by paragraph 2(1)(a);

“authorised marking” means a road marking whose placing is authorised by paragraph 2(1)(b);

“red route controls” means prohibitions or restrictions imposed by or under an order or notice under the Road Traffic Regulation Act 1984 on any class of traffic on an A or B class classified road in the West Midlands, or a road which is a slip road to such a road.

2. (1) Subject to paragraph 3 below, the Secretary of State hereby authorises—

- a) the erection of a traffic sign of the size, colour and character shown in the attached set of drawings numbered GT50/190/0001-1 identified by the numbers WMRR001 to WMRR023 inclusive; and
- b) the placing of a road marking of the size, colour and character shown in the said set of drawings identified by the numbers WMRR101 to WMRR105 inclusive; and

for the purpose of conveying to traffic the effect of red route controls applying to that road.

(2) Where it is specified in a drawing that part of a sign or marking is to be of a particular colour, the colour of that part shall be as shown in the notes to the appropriate sign drawing.



3. (1) The provisions of Regulation 12(10) (variation of dimensions) of The Traffic Signs Regulations 2002 (Part I of SI 2002/3113, "the 2002 Regulations") shall apply to the dimensions specified in the said set of drawings in relation to the authorised signs or authorised markings as they apply to dimensions specified in those Regulations.

(2) The provisions of Regulations 18 and 19 of the 2002 Regulations (illumination of signs) shall apply to the authorised signs as they apply to the sign shown in diagram 650.1 in Schedule 5 to those Regulations.

(3) No authorised marking shall project above the surface of the adjacent carriageway more than 6 millimetres at any point.

(4) The wheel chair symbol shown on the bottom panel of signs WMRR005, WMRR006, WMRR009, WMRR013, WMRR014, WMRR018, and WMRR019 shall convey the indication that the authorised sign applies specifically to vehicles displaying a current badge issued, or having effect as if issued, under regulations for the time being in force under section 21 of the Chronically Sick and Disabled Persons Act 1970 (b).

(5) Any indication given by an authorised sign or marking of a time of day, day of the week or class of traffic may be varied so as to correspond with the red route controls whose effect the sign or marking has been placed to indicate.

(6) Where—

a) overall dimensions are given for an authorised sign or marking in a drawing in the said set of drawings;

b) and the legend on that sign or marking is varied in accordance with sub-paragraph (5) above,

the overall dimensions or the number of lines occupied by the legend, or both, may be varied so far as necessary to give effect to the variation of the legend.

4. The Secretary of State hereby directs that—

(1) an authorised sign may be erected only in conjunction with an authorised marking as shown at item 3 in the box beneath sign drawing; and

(2) an authorised marking may be placed only in conjunction with an authorised sign as directed in sub-paragraph (1) above; and,

(b) 1970 ch 44



(3) without prejudice to any statutory provision to the like effect, that it is a condition of this authorisation that the erection of the authorised signs and placing of the authorised markings at or near the said sites shall continue to have effect only until such day as may be appointed by one month's notice given by the Secretary of State in writing to the traffic authority for the removal or alteration of the authorised signs and placing of the authorised markings authorisation shall, without prejudice to the giving of any further authorisation or direction and on that day the said, cease to have effect.

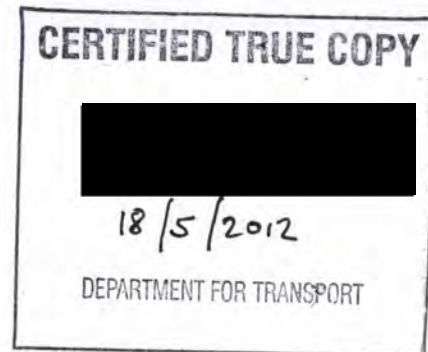
This authorisation replaces the six authorisations dated 2 October 2007, 15 April 2003, 31 March 2004, 16 May 2006, 1 February 2007 and 22 February 2007 and all six are hereby revoked.

Dated 9 May 2012

Signed by authority of the Secretary of State

.....
[Redacted Signature]

A Delegated Official of the Department for Transport



Drawing No.

WMRR001



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
 Border RED
 Background WHITE
 Legend BLACK
 Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected to face oncoming traffic unless specifically stated on sign schedule.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 30mm or 37.5mm
3.	Road markings: Drawing No. WMRR101 Ref: B1

Department for Transport

Date 9/5/2012

No. GTS0/190/0001-1

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR001

Revised:

Issue date:
11/07/07

Date:

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Drawing No.
WMRR002



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 30mm or 37.5mm
3.	Road markings: See note 10

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.
8. This sign shall be accompanied by signs to diagram 668, 668.1 and 668.2 as appropriate.
9. The sign shall be accompanied by a double red line at kerbside and parking bay markings to diagram 1028.4 in the footway.
10. The sign shall only be used in conjunction with footway parking areas as indicated above, and not in conjunction with marked bays wholly or partly in the carriageway.

All sign faces produced using SignPlot 2

redroutes
West Midlands

Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR002

Revised:

Issue date:
11/07/07

Date:

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**COLIN
BUCHANAN**

Drawing No.
WMRR003



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days and times during which taxis are permitted to stop may be added below the words 'except taxis'.
2.	x-height - 30mm or 37.5mm
3.	Road markings: Yellow taxi bay marking to drawing No. WMRR103 Ref: E1 or E2 where no days/times specified or Red taxi bay markings to drawing No. WMRR103 Ref: E1 or E2 when days/times specified.

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR003

Revised:

Issue date:
11/07/07

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Drawing No.
WMRR004



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 20mm (when erected on bus stop infrastructure), 30mm or 37.5mm.
3.	Road markings: Wide red lines (bus stop clearway) typically 300mm at the kerbside and bus stop marking to drawing No. WMRR 102 Ref. D1, D2 or D3

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected parallel to kerbline unless specifically stated on sign schedule.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR004

Revised:

Issue date:
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**Drawing No.
WMRR005**



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
 Border RED
 Background WHITE
 Legend BLACK
 Clearway symbol RED/BLUE
 Disabled symbol WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination: none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - Duration for disabled badge holders may be varied or omitted
2.	x-height - 30mm or 37.5mm
3.	Road markings: White 'disabled' parking bay markings to drawing WMRR105 Ref: C6

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR005

Revised:

Issue date:
11/07/07

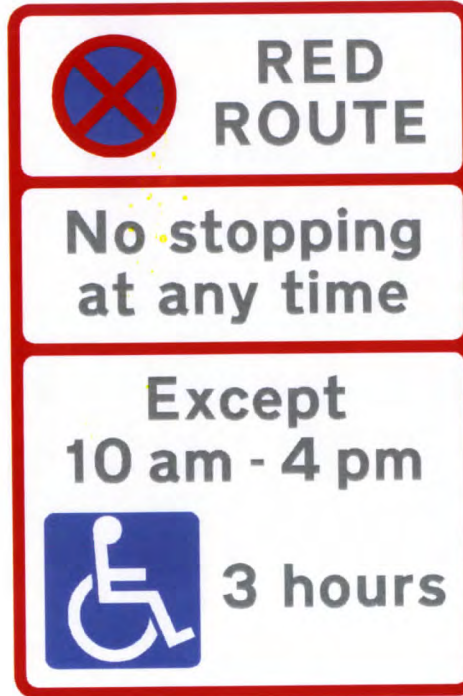
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Drawing No.
WMRR006



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Disabled symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - Duration of stay for disabled badge holders may be varied or omitted
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red 'disabled' parking bay marking to drawing No. WMRR105 Ref: C5

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR006

Revised:

Issue date:
11/07/07

Date:

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Drawing No.

WMRR007



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
Loading symbol WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination: none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - None
2.	x-height - 30mm or 37.5mm
3.	Road markings: White loading bay markings to drawing No. WMRR104 Ref. C4

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR007

Revised:

Issue date:
11/07/07

Date:

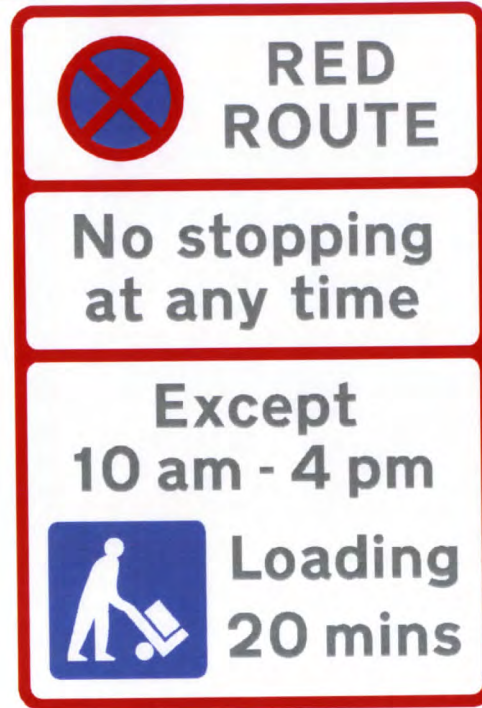
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Drawing No.
WMRR008



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - None
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red loading bay markings to drawing No. WMRR104 Ref: C3

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
Loading symbol WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR008

Revised:

Issue date:
11/07/07

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Drawing No.
WMRR009



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - Duration of stay for disabled badge holders may be varied to 1 hour
2.	x-height - 30mm or 37.5mm
3.	Road markings: White bay markings to drawing No. WMRR101 Ref. C2

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Loading symbol	WHITE/BLUE
Disabled symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR009

Revised:

Issue date:
11/07/07

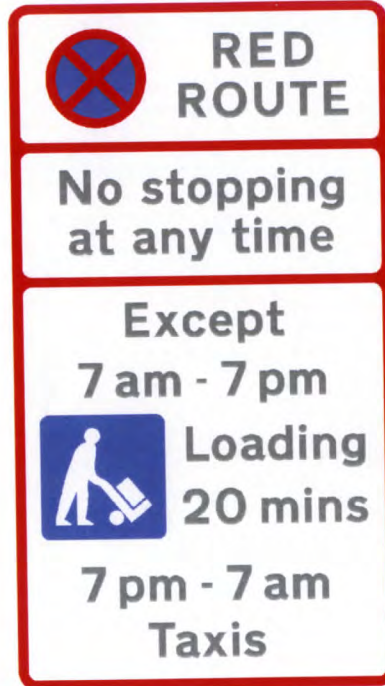
Date:

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Drawing No.
WMRR010



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Loading times may be varied to 1) '7am-4pm' 2) '10am-7pm' 3) '10am-4pm'
2.	x-height - 30mm or 37.5mm
3.	Road markings: White bay marking to drawing No. WMRR101 Ref: C2 when permitted loading time is 7am-7pm, Red bay marking to drawing No. WMRR101 Ref: C1 when loading times are as variants 1, 2 and 3.

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Loading symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR010

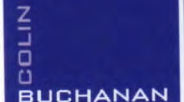
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Issue date:
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Drawing No.
WMRR011



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected to face oncoming traffic unless specifically stated on sign schedule.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days of the week may be varied to 'Mon-Fri' or omitted times of day may be varied to '8am-6pm'
2.	x-height - 30mm or 37.5mm
3.	Road markings: Single red lines at kerbside to drawing No. WMRR101 Ref: A1

All sign faces produced using SignPlot 2

	<p>Title:</p> <p style="text-align: center;">RED ROUTES SIGNS AUTHORISATION</p>	<p>Drawn by: M.R.</p> <p>Approved by: S.K.M.</p> <p>Scale: NTS</p>	<p>Drawing No.</p> <p style="text-align: center;">WMRR011</p> <p>Revised:</p>	<p>Issue date: 11/07/07</p> <p>Date:</p>	<p>Newcombe House 45 Notting Hill Gate London W11 3PB</p> <p>T 020 7309 7000 F 020 7309 0906 www.cbuchanan.co.uk</p> <div style="text-align: right;"> </div>
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Drawing No.

WMRR012



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to Mon-Sat, Time of day may be varied to '7-10am' or '4-7pm' or '8am-6pm'
2.	x-height - 30mm or 37.5mm
3.	Road markings: Single red line to drawing No. WMRR101 Ref. A1

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected to face oncoming traffic unless specifically stated on sign schedule.

All sign faces produced using SignPlot 2

redroutes
West Midlands

Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR012

Revised:

Issue date:
11/07/07

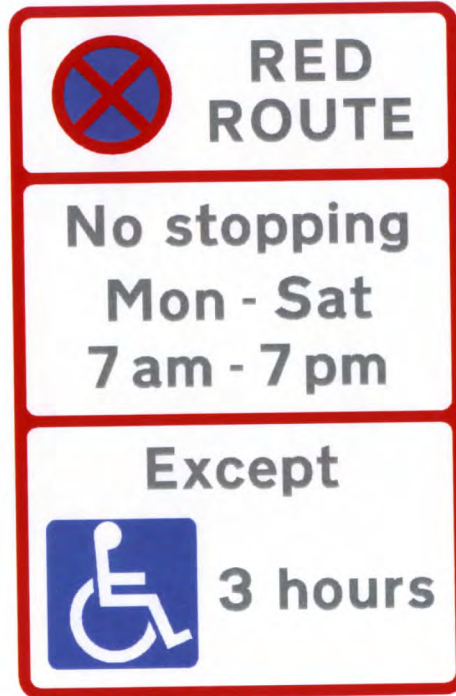
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COLIN
BUCHANAN

Drawing No.
WMRR013



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted, Times may be varied to '8am-6pm' Panel 3 - Duration of stay for disabled badge holders may be varied or omitted.
2.	x-height - 30mm or 37.5mm
3.	Road markings: White 'disabled' parking bay markings to drawing No. WMRR105 Ref. C6

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Disabled symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR013

Revised:

Issue date:
11/07/07

Date:

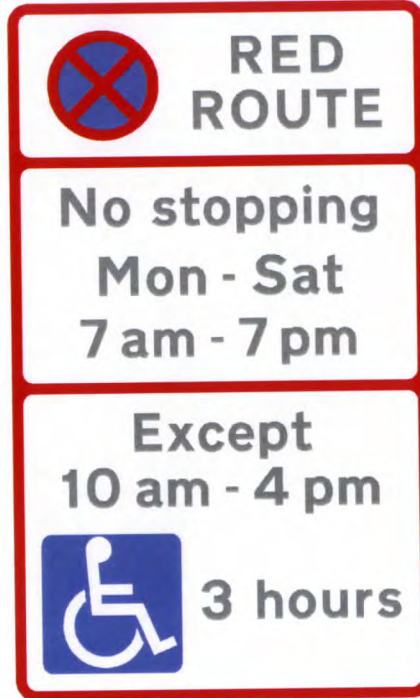
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45 Notting Hill Gate
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Drawing No.

WMRR014



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted Panel 3 - Exception times may be varied to '7am-4pm' or '10am-7pm' Duration of stay for disabled badge holders may be varied or omitted.
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red 'disabled' parking bay markings to drawing No. WMRR105 Ref: C5

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Disabled symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR014

Revised:

Issue date:
11/07/07

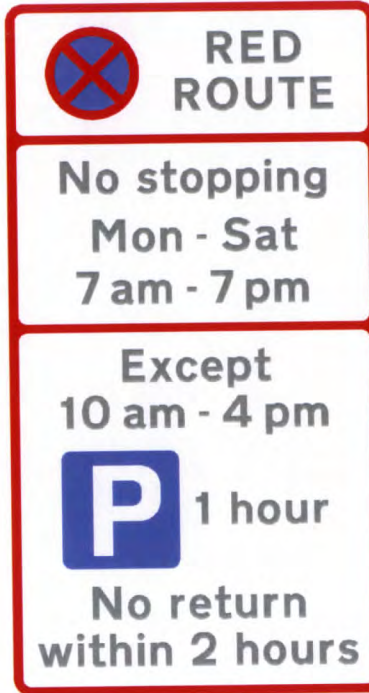
Date:

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Drawing No.
WMRR015



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Parking symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted Panel 3 - Exception times may be varied to '7am-4pm' or '10am-7pm'. Parking duration may be varied to '20mins, No return within 40mins' or '1 hour, No return within 1 hour' or '2 hours, No return within 2 hours'
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red parking bay markings to drawing No. WMRR101 Ref. C1

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR015

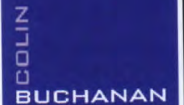
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Issue date:
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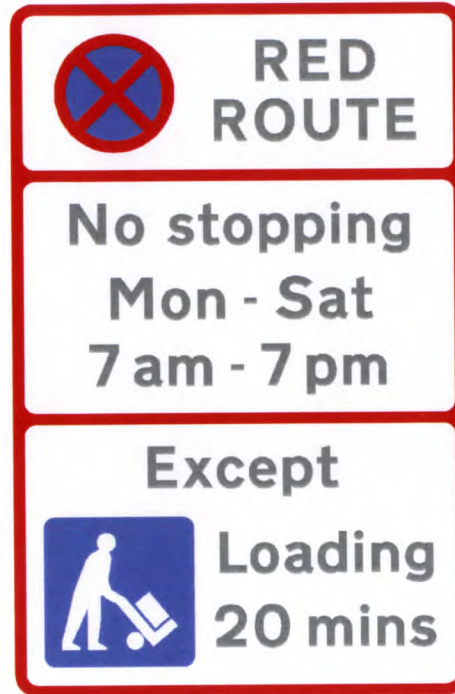
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Drawing No.
WMRR016



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Loading symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted, Times may be varied to '8am-6pm'. Panel 3 - None
2.	x-height - 30mm or 37.5mm
3.	Road markings: White loading bay marking to drawing No. WMRR104 Ref. C4

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR016

Revised:

Issue date:
11/07/07

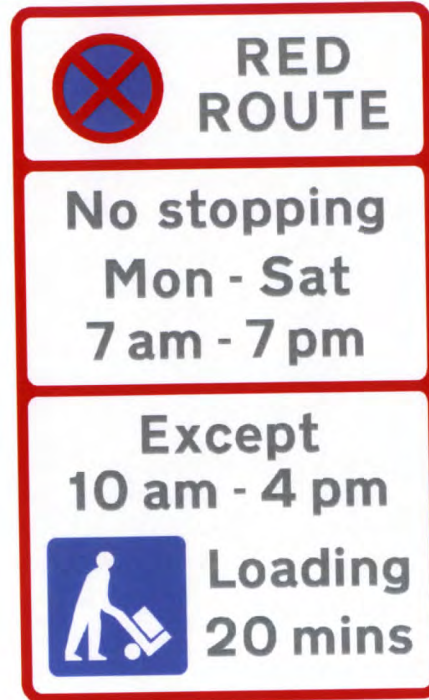
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Drawing No.
WMRR017



ITEM	
1.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days may be varied to 'Mon-Fri' or omitted</p> <p>Panel 3 - Exception time may be varied to '7am-4pm' or '10am-7pm'</p>
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red loading bay markings to drawing No. WMRR104 Ref. C3

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Loading symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb , or facing oncoming traffic.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR017

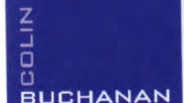
Revised:

Issue date:
11/07/07

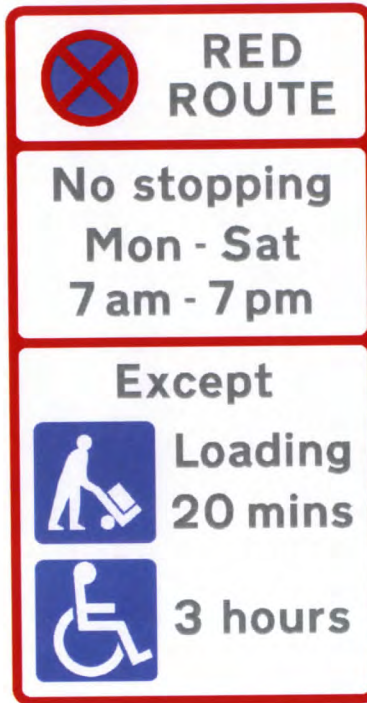
Date:

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Drawing No.
WMRR018



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Clearway symbol	RED/BLUE
Loading symbol	WHITE/BLUE
Disabled symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted, Times may be varied to '8am-6pm' Panel 3 - Duration of stay for disabled badge holders may be varied to 1 hour
2.	x-height - 30mm or 37.5mm
3.	Road markings: White bay markings to drawing No. WMRR101 Ref: C2

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR018

Revised:

Issue date:
11/07/07

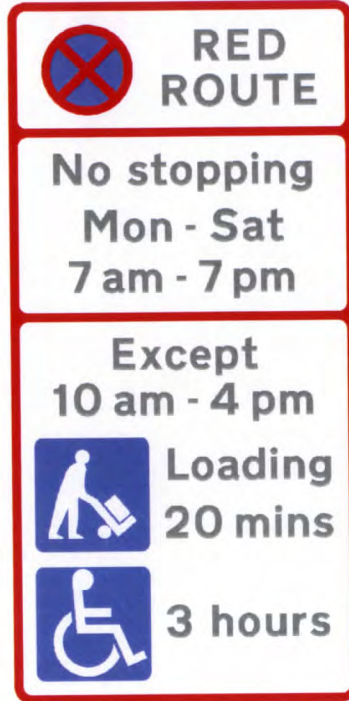
Date:

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Drawing No.
WMRR019



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
 Border RED
 Background WHITE
 Legend BLACK
 Clearway symbol RED/BLUE
 Loading symbol WHITE/BLUE
 Disabled symbol WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb , or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' or omitted Panel 3 - Exception times may be varied to '7am-4pm' or '10am-7pm'. Duration of stay for disabled badge holders may be varied to 1 hour
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red bay markings to drawing No. WMRR101 Ref: C1

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR019

Revised:

Issue date:
11/07/07

Date:

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Drawing No.

WMRR020



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Parking symbol WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb , or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - Days may be varied to 'Mon-Fri' Times may be varied to '8am-6pm' Duration of stay may be varied to '20mins, No return within 40mins', '1 hour, No return within 1 hour' or '2 hours, No return within 2 hours'
2.	x-height - 30mm or 37.5mm
3.	Road markings: White parking bay markings to drawing No. WMRR101 Ref. C2

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR020

Revised:

Issue date:
11/07/07

Date:

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COLIN
BUCHANAN

Drawing No.
WMRR021



NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS

Border	RED
Background	WHITE
Legend	BLACK
Parking symbol	WHITE/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. Sign schedule will indicate whether sign should be parallel to the kerb, or facing oncoming traffic.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 20mm when mounted on bollards - 30mm or 37.5mm
3.	Road markings: White parking bay markings to drawing No. WMRR101 Ref. C2

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR021

Revised:

Issue date:
11/07/07

Date:

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Drawing No.

WMRR022



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 50mm or 60mm or 80mm
3.	Road markings: None

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected to face oncoming traffic unless specifically stated on sign schedule.

All sign faces produced using SignPlot 2



Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR022

Revised:
Minor changes to signface to conform to
new TSM chapter 3

Issue date:
11/07/07

Date:
10/09/07

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Drawing No.
WMRR023



ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None
2.	x-height - 50mm or 60mm or 80mm 'ENDS' is 150% of main x-height used.
3.	Road markings: None

NOTES

1. Sign to comply with BS EN 12899-1 using classes from UK National Annex.
2. Legend - Transport Heavy Alphabet at the x-heights shown.
3. All dimensions are in millimetres unless otherwise stated.
4. COLOURS
Border RED
Background WHITE
Legend BLACK
Clearway symbol RED/BLUE
5. Reflectorised in accordance with Regulation 19 (TSRGD 2002).
6. Illumination : none.
7. These signs to be erected to face oncoming traffic unless specifically stated on sign schedule.

All sign faces produced using SignPlot 2

redroutes
West Midlands

Title:

**RED ROUTES
SIGNS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR023

Revised:
Minor changes to signface to conform to
new TSM chapter 3

Issue date:
11/07/07

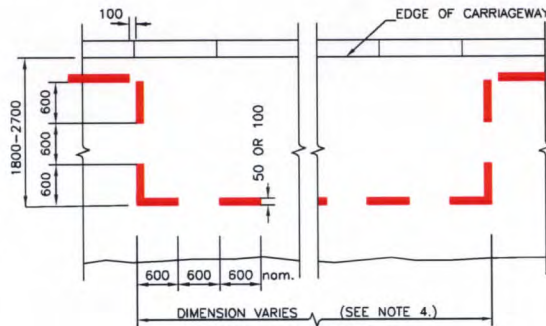
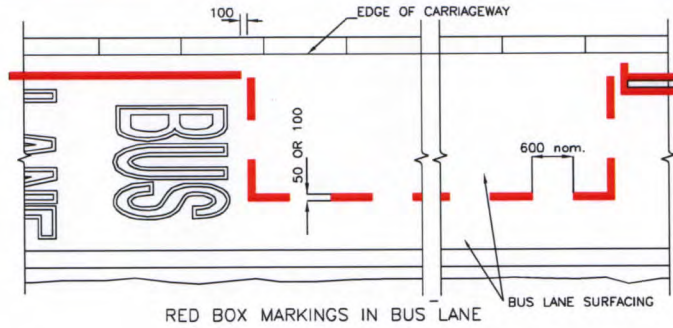
Date:
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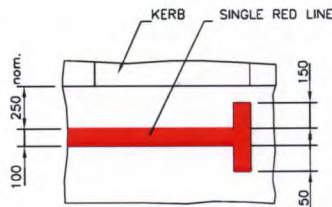
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COLIN
BUCHANAN

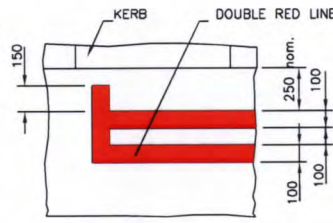
Drawing No.
WMRR101



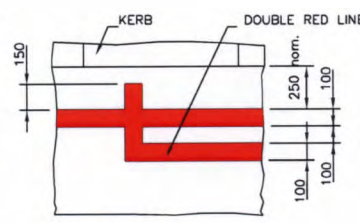
BOX MARKINGS
(RED OR WHITE)
REF : C1 RED
REF : C2 WHITE



SINGLE RED LINE - TERMINATION
REF : A1



DOUBLE RED LINE - TERMINATION
REF : B1



SINGLE/DOUBLE RED LINE
- TRANSITION

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. EXTENT OF BOX MARKINGS INDICATED ON LAYOUT DRAWINGS.
3. THE GAP BETWEEN AN ADJACENT RED AND WHITE BOX OR BETWEEN A BOX AND BUS STOP MARKING TO BE 100.
4. BOX MARKING LENGTHS AND GAPS TO BE ADJUSTED TO SUIT THE LENGTH OF BOXES AS FOLLOWS:

TYPICAL BOX LENGTH METRES	TYPICAL MARKINGS AND GAPS LENGTH	No.
5	556	9
6	667	9
7	637	11
8	615	13
9	600	15
10	588	17
5. THE NOMINAL 250 KERB OFFSET TO RED LINES MAY BE ADJUSTED TO MATCH THE EXISTING YELLOW LINE OR TO MATCH THE BLOCKWORK WITHIN ENTRY TREATMENTS WHERE THE RED LINE IS 200MM FROM THE KERB AND LOCATIONS WHERE SETTS ARE PROVIDED TO FORM THE CHANNEL.
6. MARKINGS TO BE 100MM OR 50MM WIDE.
7. THE TRANSVERSE MARKINGS MAY BE OMITTED WHERE THE MARKING IS IN A LAY-BY OR WHERE THE END OF THE BAY IS DELINEATED BY A RAISED KERB.
8. BAY MARKINGS SHALL BE RED WHEN A BAY IS NOT AVAILABLE FOR USE IN THE AM PEAK AND/OR PM PEAK. MARKINGS SHALL BE WHITE WHERE A BAY IS AVAILABLE AT ALL TIMES. LETTERING SHOULD ALWAYS BE THE SAME COLOUR AS THE ADJACENT BAY.



Title:

**RED ROUTES
ROAD MARKINGS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR101

Revised:

Issue date:
11/07/07

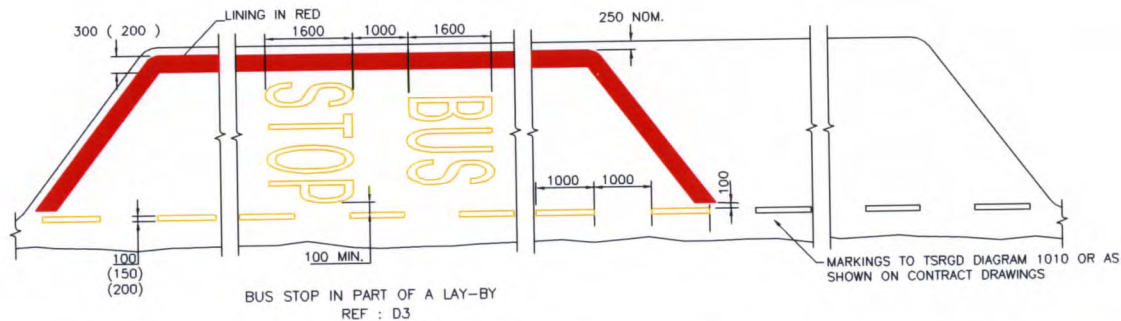
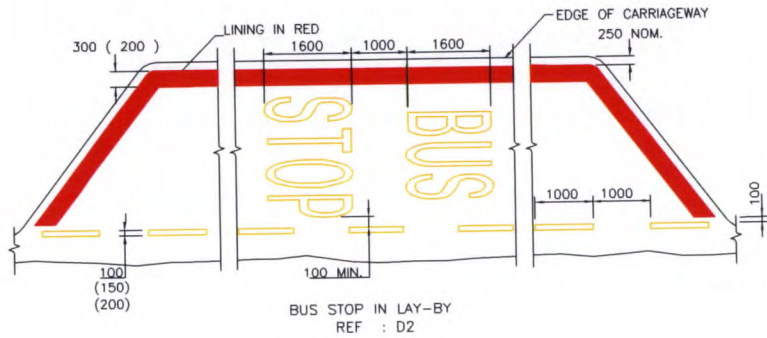
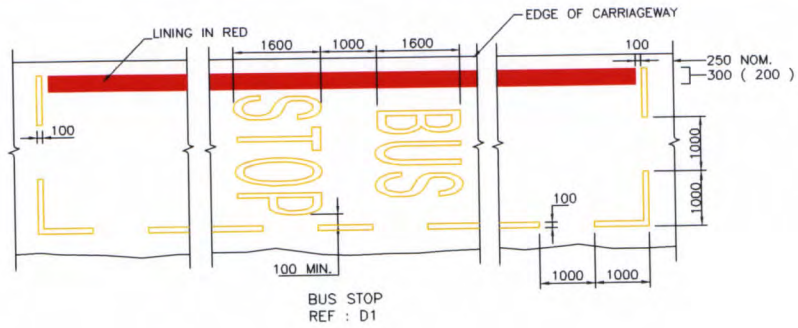
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Drawing No.
WMRR102



NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. BUS STOP MARKINGS ARE IN YELLOW UNLESS NOTED OTHERWISE. THE GAP BETWEEN BUS STOP MARKINGS AND RED ROUTE LINES TO BE 100MM
3. 'STOP' MAY BE VARIED TO 'STAND'.
4. THE NOMINAL 250 KERB OFFSET TO RED LINES MAY BE ADJUSTED TO MATCH THE EXISTING YELLOW LINE OR TO MATCH THE BLOCKWORK WITHIN ENTRY TREATMENTS WHERE THE RED LINE IS 200MM FROM THE KERB AND LOCATIONS WHERE SETTS ARE PROVIDED TO FORM THE CHANNEL.
5. BUS STOP WIDTH IS TO BE 3000MM UNLESS OTHERWISE STATED.
6. THE 'BUS STOP' LETTERING IS TO BE REPEATED AT APPROXIMATELY 12 METRE INTERVALS IN STOPS EXCEEDING 19 METRES IN LENGTH.



Title:

**RED ROUTES
ROAD MARKINGS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR102

Revised:

Issue date:
11/07/07

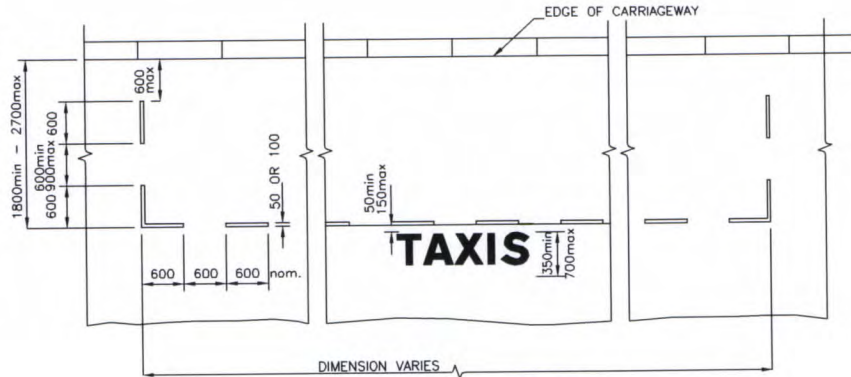
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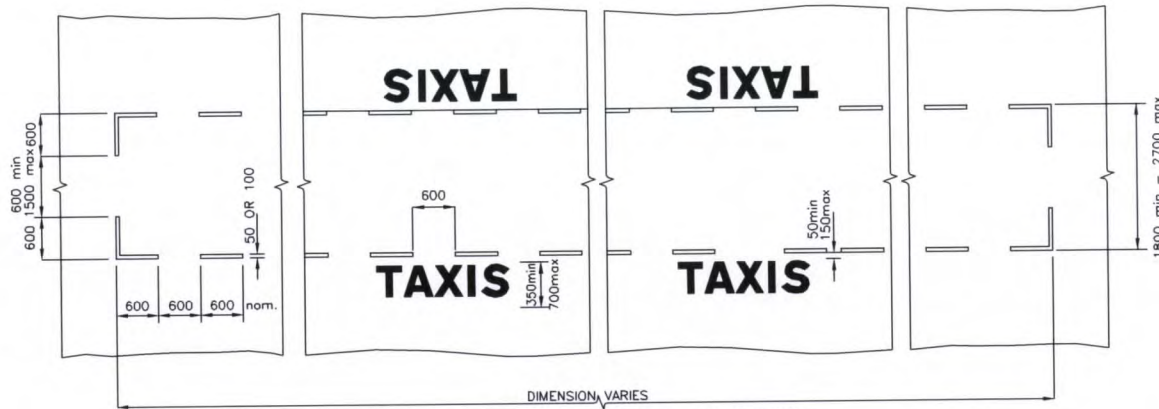
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Drawing No.
WMRR103



TAXI RANK ADJACENT TO KERB
(RED OR YELLOW)
REF : E1



TAXI RANK IN CENTRE OF THE CARRIAGEWAY
(RED OR YELLOW)
REF : E2

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. MARKINGS ARE RED OR YELLOW.
3. MARKINGS TO BE 100MM OR 50MM WIDE
4. "TAXIS" LETTERING TO BE 500MM HIGH UNLESS STATED OTHERWISE. REPEATED AT APPROXIMATELY 12 METRE INTERVALS IN LONG TAXI RANKS.
5. THE TRANSVERSE MARKINGS MAY BE OMITTED WHERE THE MARKING IS IN A LAY-BY OR WHERE THE END OF THE BAY IS DELINEATED BY A RAISED KERB.
6. BAY MARKINGS SHALL BE RED WHEN A BAY IS NOT AVAILABLE FOR USE IN THE AM PEAK AND/OR PM PEAK. MARKINGS SHALL BE YELLOW WHERE A BAY IS AVAILABLE AT ALL TIMES. LETTERING TO BE THE SAME COLOUR AS THE ADJACENT BAY.



Title:

**RED ROUTES
ROAD MARKINGS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR103

Revised:

Issue date:
11/07/07

Date:

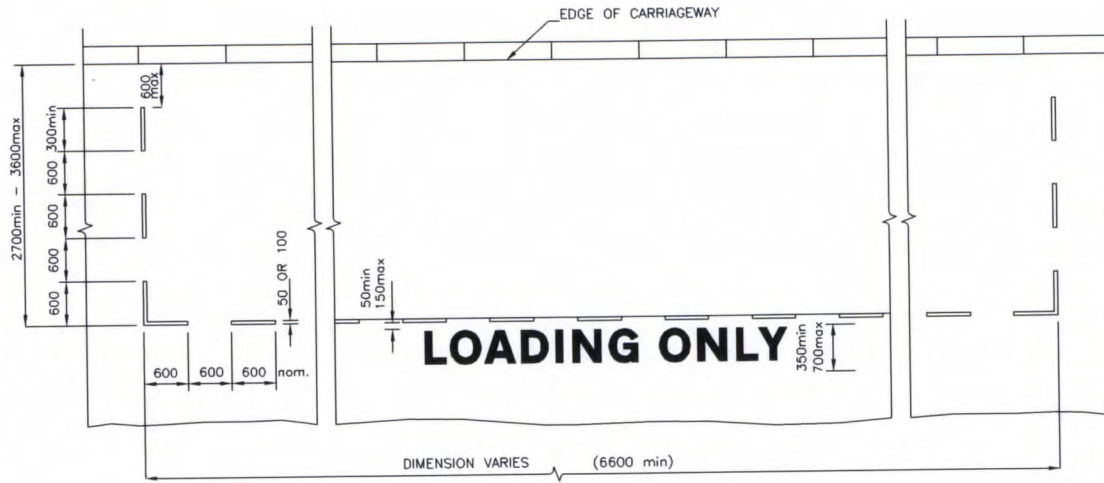
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Drawing No.
WMRR104



BOX MARKINGS
(RED OR WHITE)
REF: C3 RED
REF: C4 WHITE



BOX MARKINGS (ALTERNATIVE FOR NARROW LANES)
(other dimensions as main drawing)

BOX MARKINGS
(RED OR WHITE)
REF: C3 RED
REF: C4 WHITE

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. MARKINGS ARE RED OR WHITE.
3. MARKINGS TO BE 100mm OR 50mm WIDE
4. "LOADING ONLY" LETTERING TO BE BETWEEN 350mm AND 750mm HIGH, REPEATED AT APPROXIMATELY 12 METRE INTERVALS IN LONGER BAYS.
5. THE TRANSVERSE MARKINGS MAY BE OMITTED WHERE THE MARKING IS IN A LAY-BY OR WHERE THE END OF THE BAY IS DELINEATED BY A RAISED KERB.
6. BAY MARKINGS SHALL BE RED WHEN A BAY IS NOT AVAILABLE FOR USE IN THE AM PEAK AND/OR PM PEAK. MARKINGS SHALL BE WHITE WHERE A BAY IS AVAILABLE AT ALL TIMES. LETTERING SHOULD ALWAYS BE THE SAME COLOUR AS THE ADJACENT BAY.
7. THE ALTERNATIVE LAYOUT SHALL BE USED WHERE THE LANE WIDTH IS INSUFFICIENT TO ACCOMMODATE THE LEGEND OUTSIDE OF THE BAY MARKINGS.



Title:

RED ROUTES
ROAD MARKINGS AUTHORISATION

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR104

Revised:

Issue date:
11/07/07

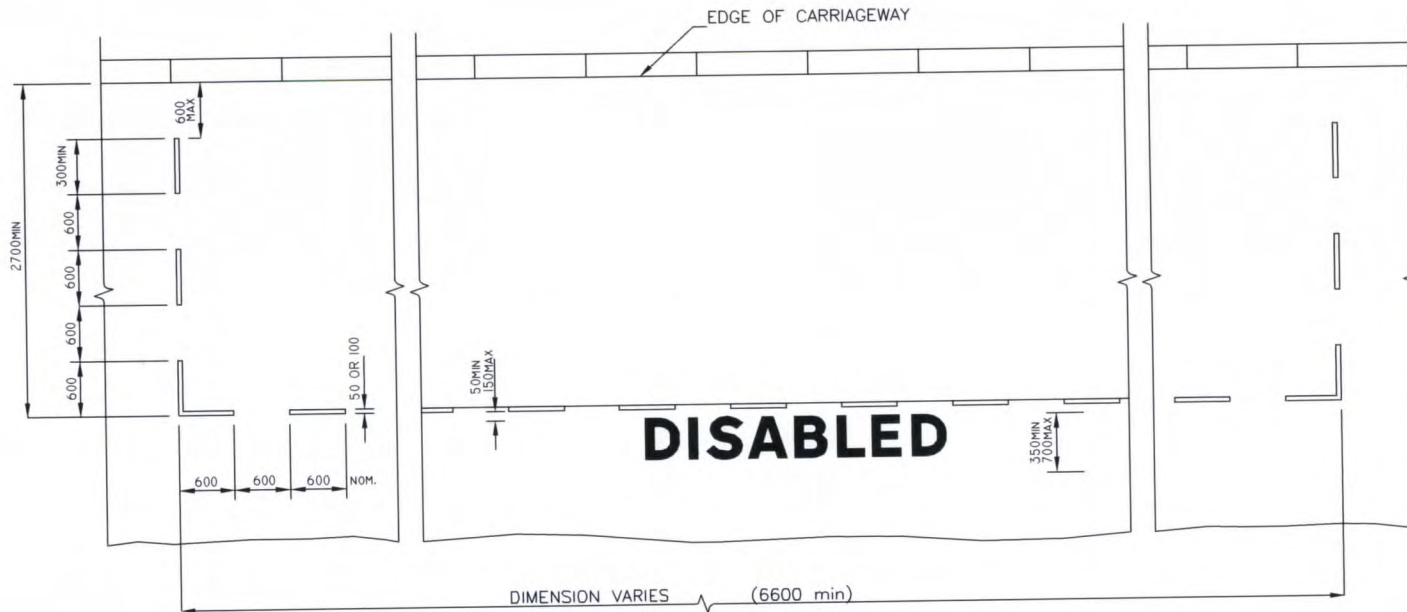
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COLIN
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Drawing No.
WMRR105



BOX MARKINGS
(RED OR WHITE)
REF: C5 RED
REF: C6 WHITE

NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. MARKINGS ARE RED OR WHITE.
3. MARKINGS TO BE 100MM OR 50MM WIDE.
4. "DISABLED" LETTERING TO BE 500MM HIGH UNLESS STATED OTHERWISE, REPEATED AT APPROXIMATELY 12 METRE INTERVALS IN LONGER BAYS.
5. THE TRANSVERSE MARKINGS MAY BE OMITTED WHERE THE MARKING IS IN A LAY-BY OR WHERE THE END OF THE BAY IS DELINEATED BY A RAISED KERB.
6. BAY MARKINGS SHALL BE RED WHEN A BAY IS NOT AVAILABLE FOR USE IN THE AM PEAK AND/OR PM PEAK. MARKINGS SHALL BE WHITE WHERE A BAY IS AVAILABLE AT ALL TIMES. LETTERING SHOULD ALWAYS BE THE SAME COLOUR AS THE ADJACENT BAY.
7. THE MINIMUM WIDTH OF A BAY RESERVED FOR DISABLED BADGE HOLDERS SHALL BE 1800MM WHERE THE OVERALL WIDTH OF THE CARRIAGEWAY IS INSUFFICIENT TO ACCOMMODATE A WIDER BAY.
8. WHERE THE BAY IS LESS THAN 2700MM WIDE, THE NUMBER OF TRANSVERSE LINES SHALL BE REDUCED FROM THREE TO TWO.



Title:

**RED ROUTES
ROAD MARKINGS AUTHORISATION**

Drawn by: M.R.

Approved by: S.K.M.

Scale: NTS

Drawing No.

WMRR105

Revised:

Issue date:
11/07/07

Date:

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