



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 him by Sections 64(1) and (2) and 65(1) of the Road Traffic Regulation Act 1984 ⁽¹⁾ and of all other powers enabling him 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 side road or slip road to such a road.

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

- a) the erection of traffic signs of the size, colour and character shown in the attached set of drawings numbered GT50/190/0003-1 identified by the numbers WMRR001 to WMRR004, WMRR009, WMRR010, WMRR012, WMRR015 to WMRR026 inclusive; and
- b) the placing of road markings 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.

⁽¹⁾ 1984 c. 27



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 WMRR009, WMRR010, 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) a) 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.

b) An authorised sign may also vary in the manner shown as a permitted variant at item 1 in the box beneath the drawing of the said sign.

(6) Where—

a) overall dimensions are given for an authorised sign at item 2 in the box beneath the sign drawing or for authorised road marking in the notes or elsewhere 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 the drawing of the said sign; and

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



(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.

5. This authorisation is in addition to the previous authorisations dated 29 June 2012 under reference GT50/190/0002 and dated 9 May 2012 under reference GT50/190/0001.

Dated

25 April 2013

Signed by authority of the Secretary of State

[Redacted signature]

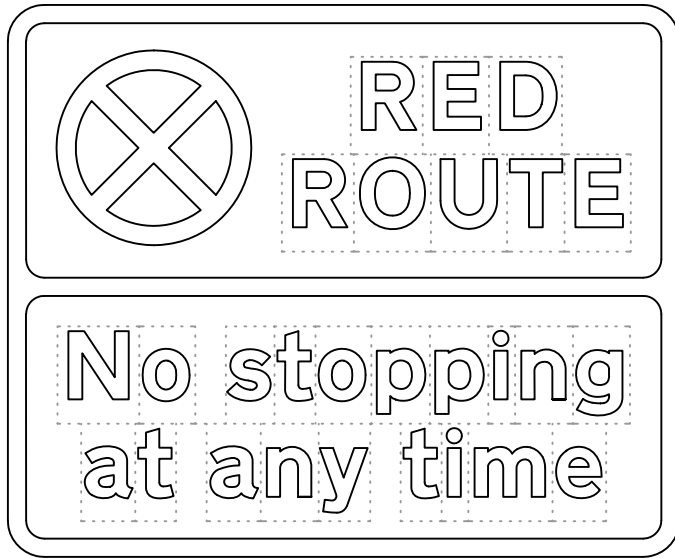
.....
A Delegated Official of the Department for Transport

CERTIFIED TRUE COPY

[Redacted signature]

14/6/13

DEPARTMENT FOR TRANSPORT



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 25 April 2013
 No. GT50/190/0003-1

All sign faces produced using SignPlot 2

FOR DFT AUTHORISATION

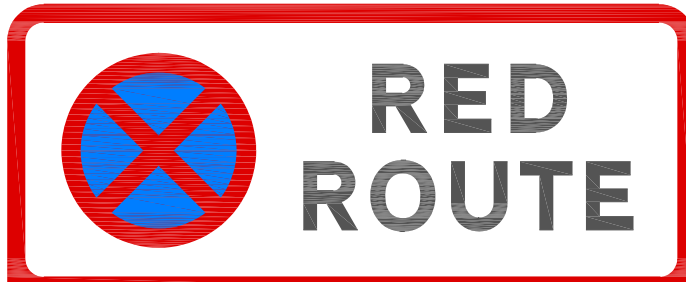
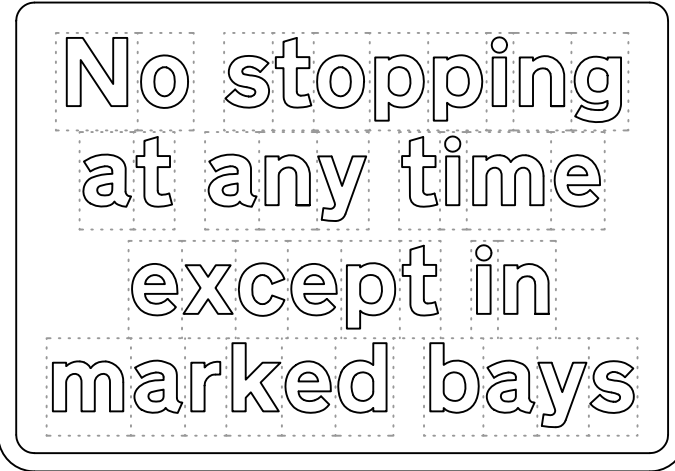
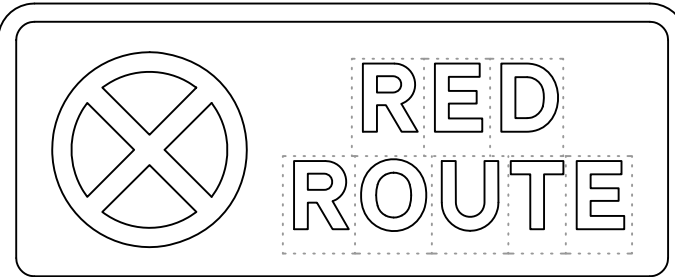
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REV	DATE	DRAWN	REV'D	APP'D	REVISION
A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS

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CLIENT RED ROUTES WEST MIDLANDS			
PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR001	REV A



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

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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR002	REV A

Drawing No.

WMRR003



	ITEM
1.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days and times during which taxis are permitted to stop may be added below the words 'except taxis'.</p>
2.	x-height - 30mm or 37.5mm
3.	Road markings: Yellow taxi bay marking to Diagram 1028.2 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

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PROJECT
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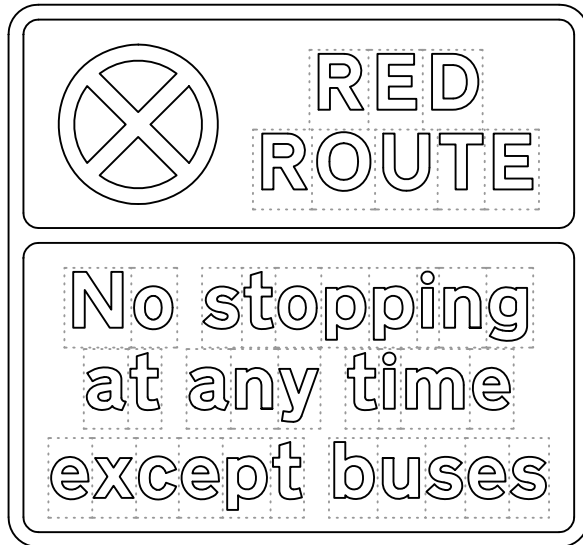
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TITLE
RED ROUTES SIGNS AUTHORISATION

SCALE NTS	DRAWING No WMRR003	REV A
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Drawing No.

WMRR004



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.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - 'buses' may be varied to 'local buses'
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

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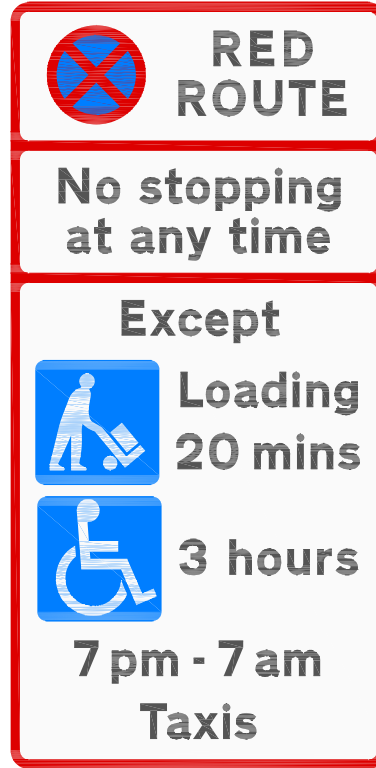
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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR004	REV A

Drawing No.

WMRR009



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.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None Panel 2 - None Panel 3 - Duration of stay for Loading may be varied or omitted Loading symbol and associated text may be omitted Duration of stay for disabled badge holders may be varied or omitted Disabled badge holder symbol and associated text may be omitted. Taxi times may be varied or omitted 'Taxis' text and associated times may be omitted</p>
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

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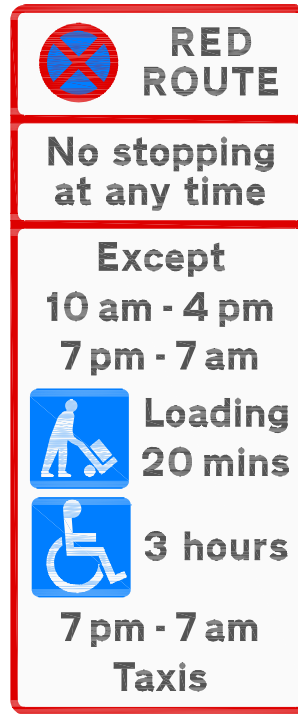
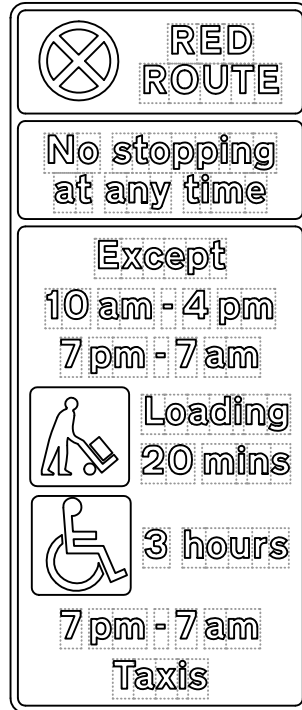
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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR009	REV A

Drawing No.

WMRR010



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 - 'Except' times may be varied Duration of stay for Loading may be varied or omitted Loading symbol and associated text may be omitted Duration of stay for disabled badge holders may be varied or omitted Disabled badge holder symbol and associated text may be omitted. Taxi times may be varied or omitted 'Taxis' text and associated times may be omitted
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red bay marking to drawing No. WMRR101 Ref: C1

All sign faces produced using SignPlot 2

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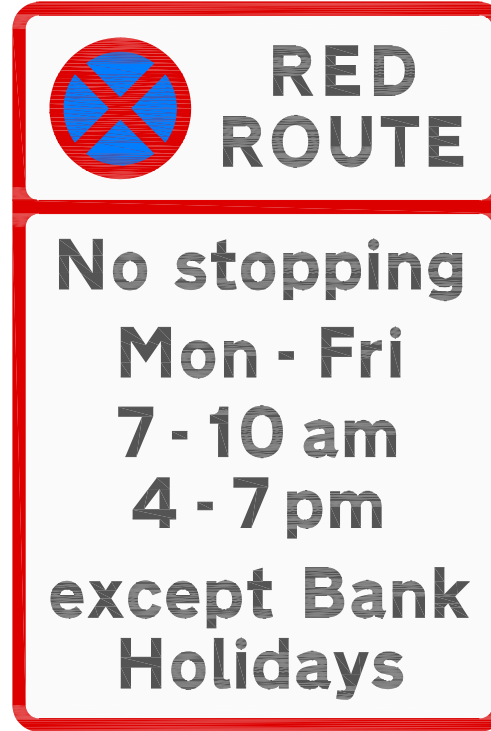
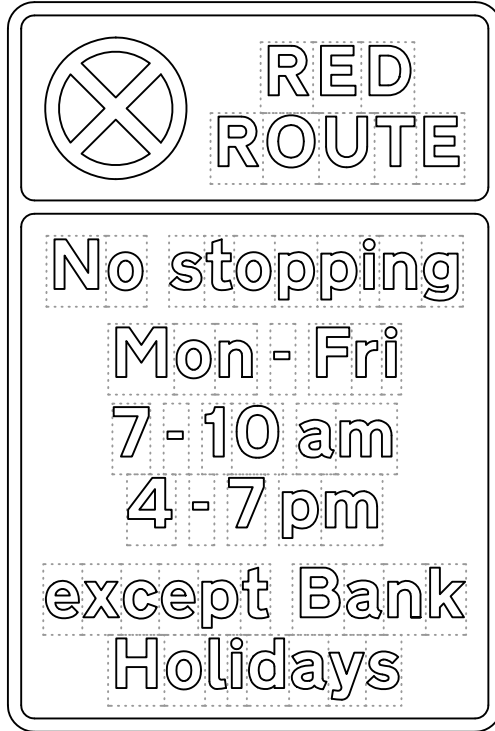
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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR010	REV A

Drawing No.
WMRR012



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 may be varied to suit restriction Times may be varied to suit restrictions and may be single period only if appropriate 'except Bank Holidays' may be omitted
2.	x-height - 30mm or 37.5mm
3.	Road markings: Single red line to drawing No. WMRR101 Ref: A1

All sign faces produced using SignPlot 2

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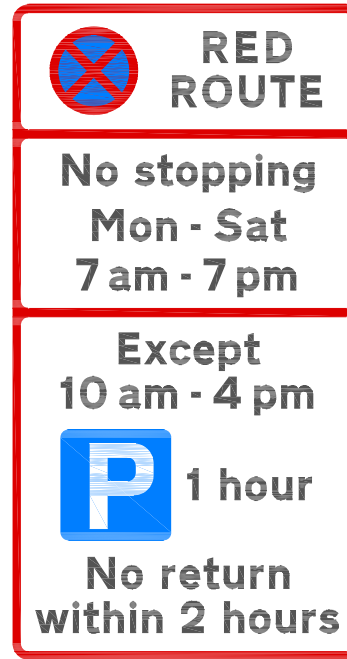
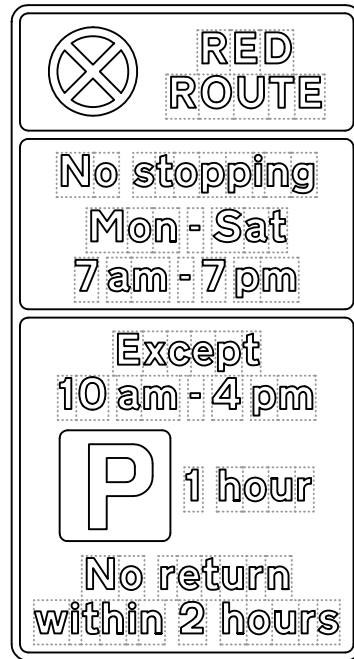
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PROJECT RED ROUTES SIGNS AUTHORISATION			
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DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR012	REV A

Drawing No.

WMRR015



ITEM	
1.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days may be varied Times may be varied</p> <p>Panel 3 - Exception times may be varied Parking duration may be varied or omitted 'No return within 2 hours' may be varied or omitted</p>
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red parking bay markings to drawing No. WMRR101 Ref: C1

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.

All sign faces produced using SignPlot 2

FOR DFT AUTHORISATION

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PROJECT
RED ROUTES SIGNS AUTHORISATION

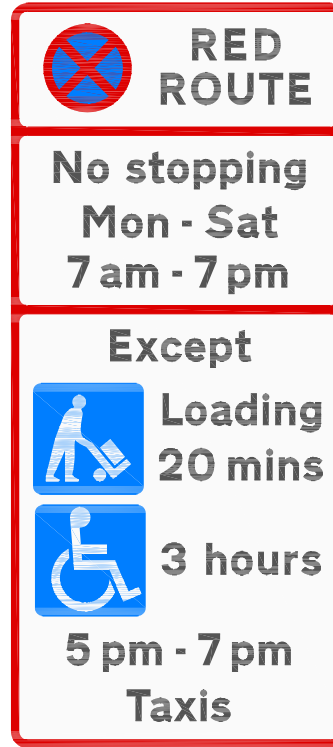
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DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE
RED ROUTES SIGNS AUTHORISATION

SCALE NTS	DRAWING No WMRR015	REV A
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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.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days may be varied Times may be varied</p> <p>Panel 3 - Duration of stay for Loading may be varied or omitted Loading symbol and associated text may be omitted Duration of stay for disabled badge holders may be varied or omitted Disabled badge holder symbol and associated text may be omitted. Taxi times may be varied or omitted 'Taxis' text and associated times may be omitted</p>
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

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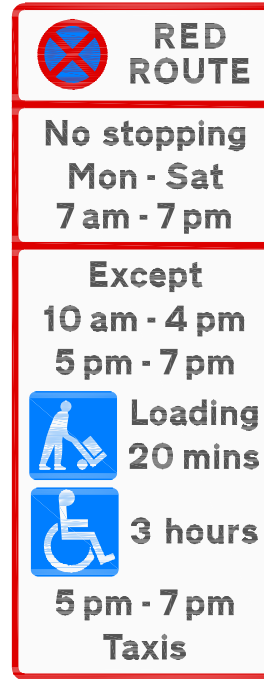
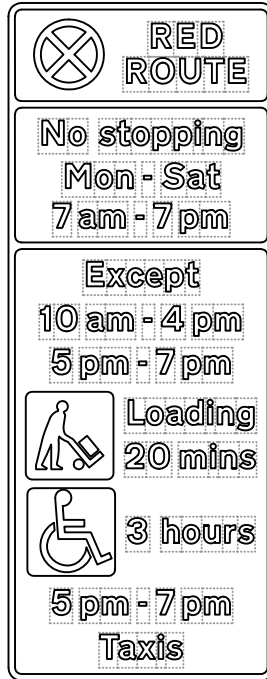
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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR018	REV A

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.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days may be varied Times may be varied</p> <p>Panel 3 - 'Except' times may be varied Duration of stay for Loading may be varied or omitted Loading symbol and associated text may be omitted Duration of stay for disabled badge holders may be varied or omitted Disabled badge holder symbol and associated text may be omitted. Taxi times may be varied or omitted 'Taxis' text and associated times may be omitted</p>
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

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A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

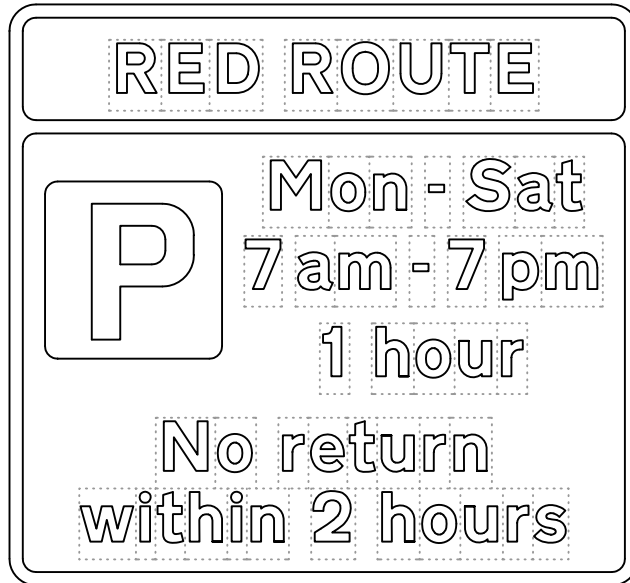
Sinclair Knight Merz Colln Buchanan
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CLIENT RED ROUTES WEST MIDLANDS			
PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR019	REV A

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 Permitted times may be varied Parking duration may be varied or omitted No return within 2 hours' may be varied or omitted
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

FOR DFT AUTHORISATION

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A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

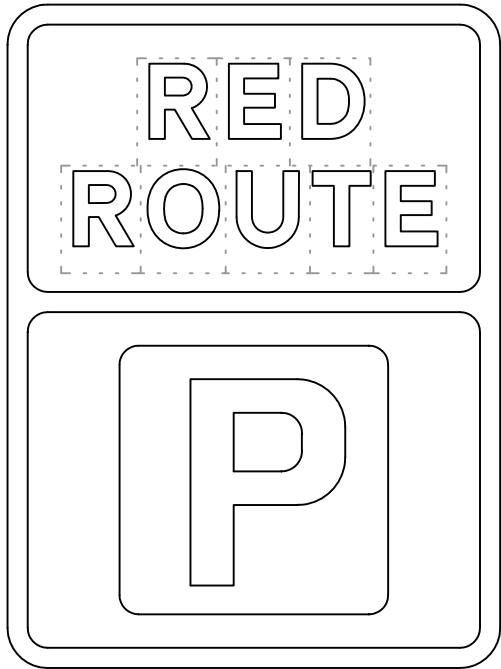
Sinclair Knight Merz Collin Buchanan
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 Web: www.skmconsulting.com

CLIENT RED ROUTES WEST MIDLANDS			
PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR020	REV A

Drawing No.

WMRR021



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

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.

All sign faces produced using SignPlot 2

FOR DFT AUTHORISATION

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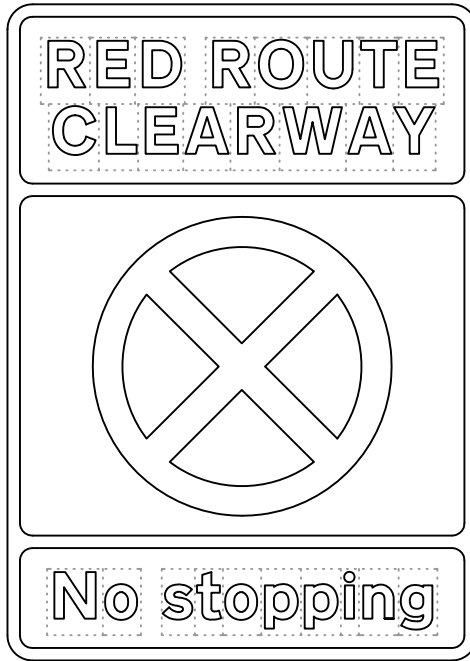
REV	DATE	DRAWN	REV'D	APP'D	REVISION
A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS

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PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR021	REV A

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

FOR DFT AUTHORISATION

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PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR022	REV A

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

FOR DFT AUTHORISATION

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A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

SKM COLIN BUCHANAN

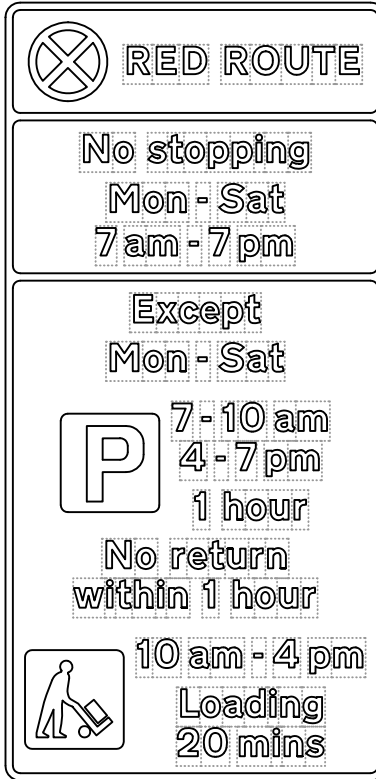
Sinclair Knight Merz Colln Buchanan
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PROJECT RED ROUTES SIGNS AUTHORISATION			
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DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR023	REV A

Drawing No.
WMRR024



RED ROUTE

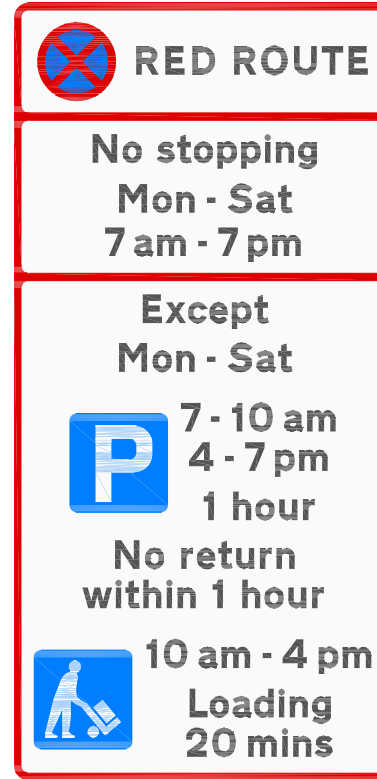
No stopping
Mon - Sat
7 am - 7 pm

Except
Mon - Sat

P 7 - 10 am
4 - 7 pm
1 hour

No return
within 1 hour

10 am - 4 pm
Loading
20 mins



RED ROUTE

No stopping
Mon - Sat
7 am - 7 pm

Except
Mon - Sat

P 7 - 10 am
4 - 7 pm
1 hour

No return
within 1 hour

10 am - 4 pm
Loading
20 mins

ITEM	
1.	<p>PERMITTED VARIANTS</p> <p>Panel 1 - None</p> <p>Panel 2 - Days may be varied Times may be varied</p> <p>Panel 3 - Exception days may be varied Parking times may be varied or omitted Parking duration may be varied or omitted No return within 1 hour' may be varied or omitted Loading times may be varied or omitted Loading duration may be varied or omitted</p>
2.	x-height - 30mm or 37.5mm
3.	Road markings: Red parking bay markings to drawing No. WMRR101 Ref: C1


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
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

FOR DFT AUTHORISATION



REV	DATE	DRAWN	REV'D	APP'D	REVISION



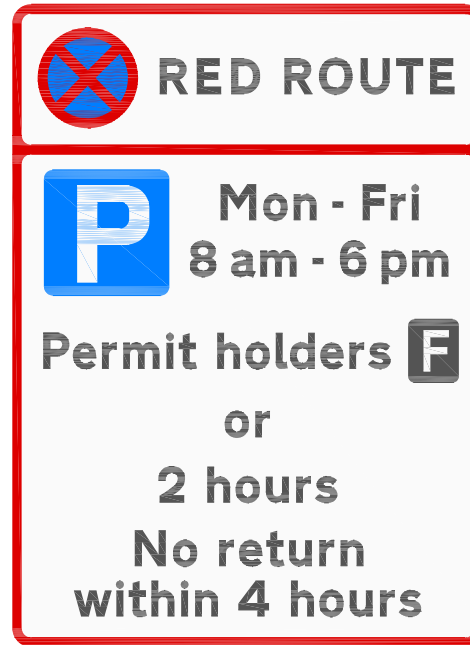
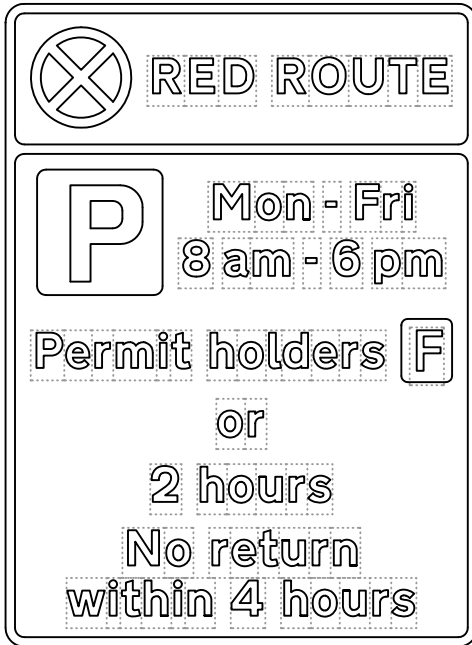
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TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR024	REV -

Drawing No.
WMRR025



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 Times may be varied Permit zone identifier may be varied Parking duration may be varied or omitted No return within 4 hours' may be varied or omitted
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

FOR DFT AUTHORISATION

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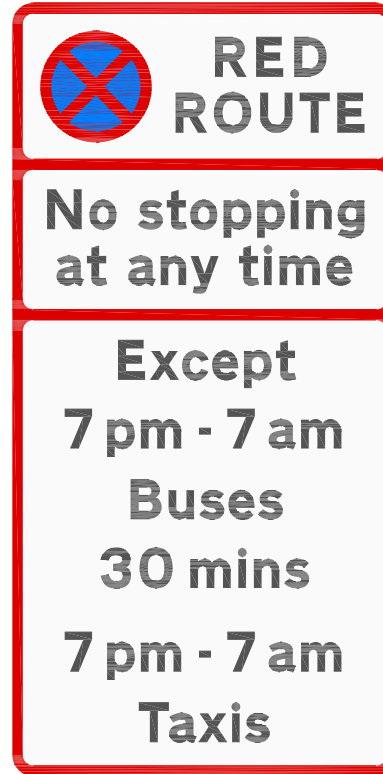
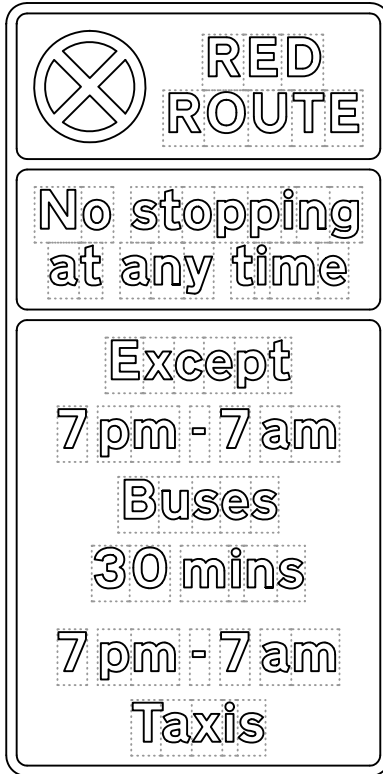
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PROJECT RED ROUTES SIGNS AUTHORISATION			
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DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR025	REV -

Drawing No.

WMRR026



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.

ITEM	
1.	PERMITTED VARIANTS Panel 1 - None Panel 2 - None Panel 3 - 'Except times' may be varied or omitted 'Buses' may be varied to 'Local buses' Duration of stay for buses may be varied or omitted Taxi times may be varied or omitted 'Taxis' text and associated times may be omitted
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

FOR DFT AUTHORISATION

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 LOCATION: D:\Documents and Settings\Athurston\Desktop\11650X_West Midlands Red Route Signing Manual\December 2012\WMRR001_Rev_Dec 12 AT.dwg

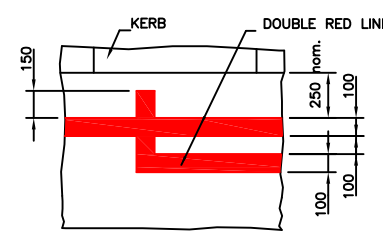
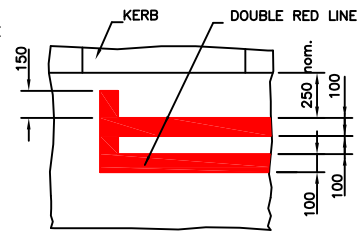
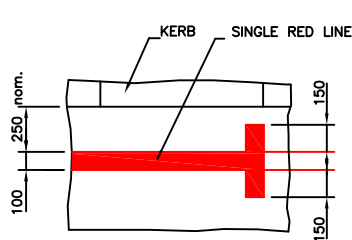
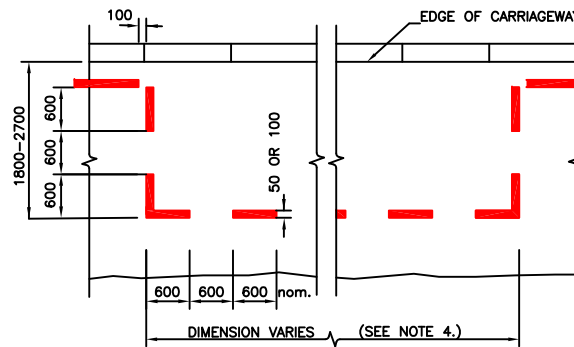
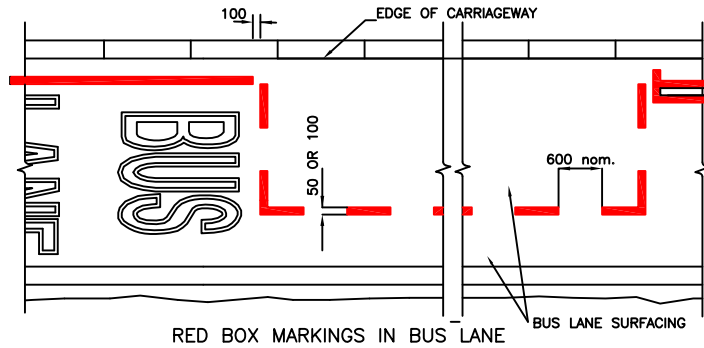
A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

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PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR026	REV A

Drawing No.
WMRR101



NOTES

- All dimensions are in millimetres unless otherwise stated.
- Extent of box markings indicated on layout drawings.
- The gap between an adjacent red or white box, or between a box and bus stop marking to be 100.
- Box marking lengths and gaps to suit the lengths of boxes as follows:
Typical marking and gaps

box length metres	Typical length	No.
5	556	9
6	667	9
7	637	11
8	615	13
9	600	15
10	588	17
- 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 200 from the kerb and locations where setts are provided to form the channel.
- Markings to be 100 or 50 wide.
- 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.
- Bay marking 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.

FOR DFT AUTHORISATION

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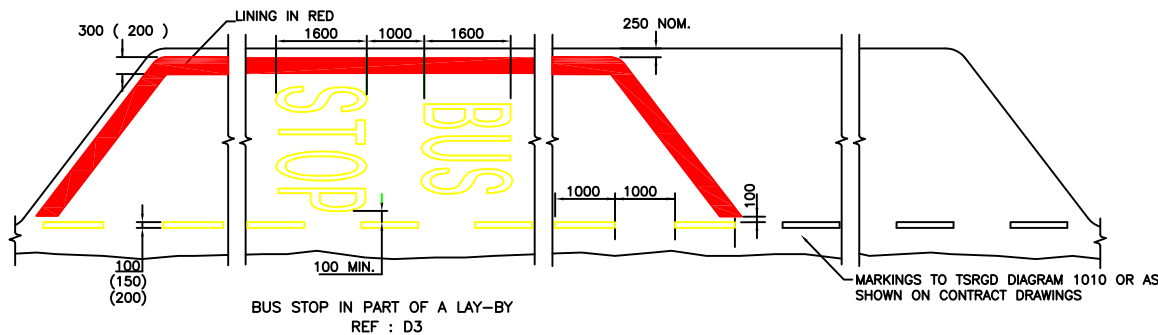
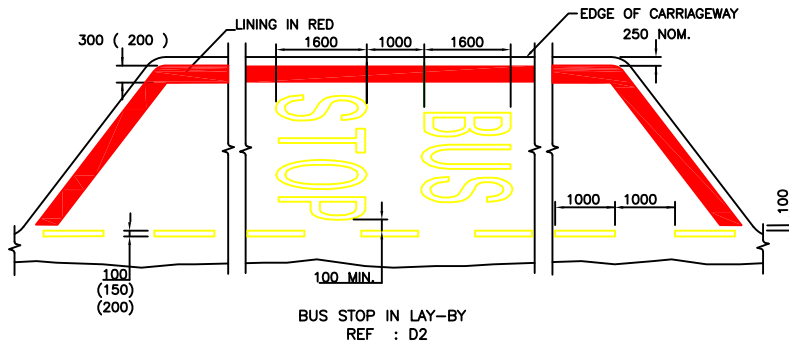
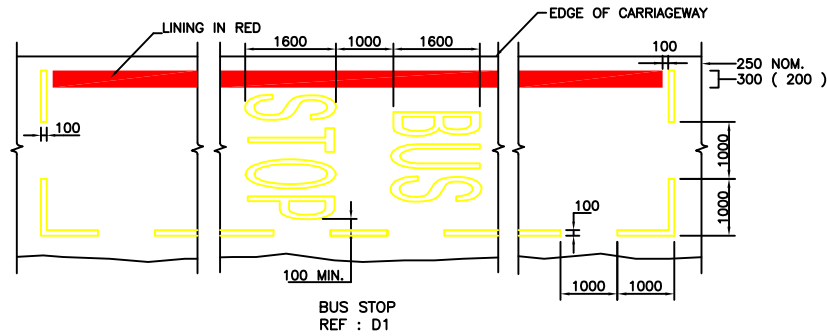
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PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR101	REV A

Drawing No.

WMRR102



NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Bus stop markings are in yellow unless noted, otherwise the gap between the bus stop markings and red route lines to be 100.
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 200 from the kerb and locations where setts are provided to form the channel.
5. Bus stop marking width to be 300 unless otherwise stated.
6. The 'BUS STOP' lettering is to be repeated at approximately 12 metre intervals in stops exceeding 19 metres in length.

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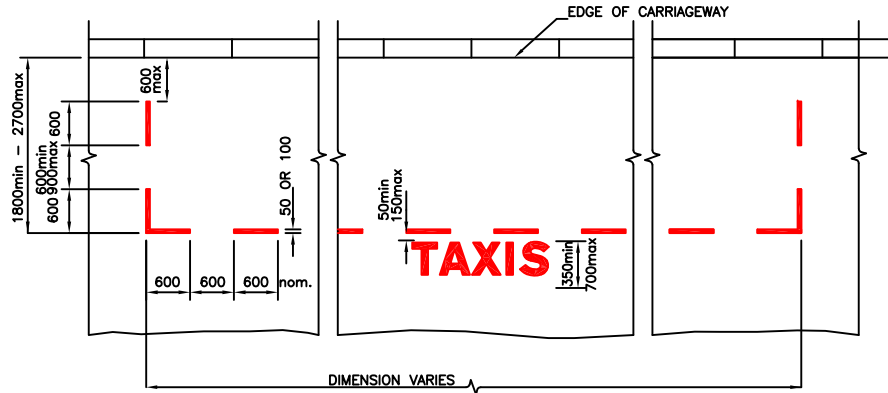
CLIENT RED ROUTES WEST MIDLANDS			
PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR102	REV A

A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

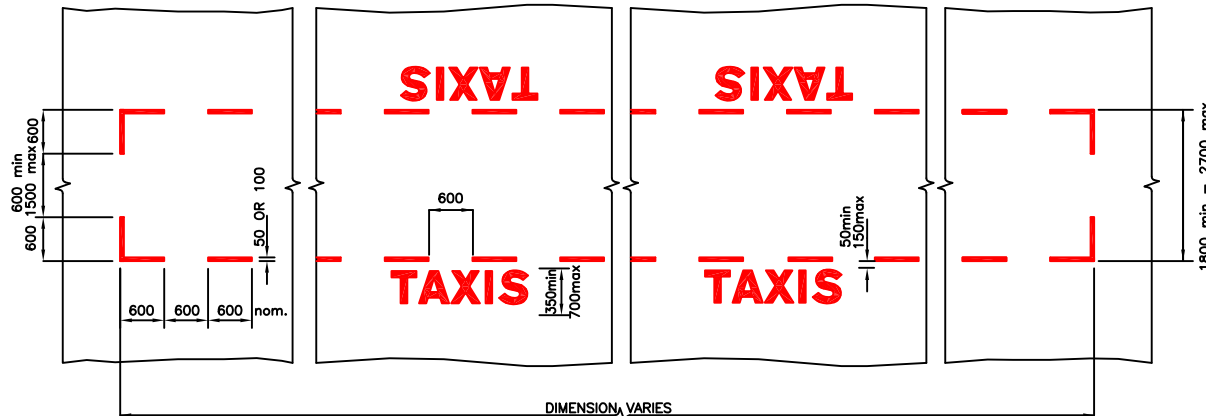
Drawing No.

WMRR103



TAXI RANK ADJACENT TO KERB
(RED)

REF : E1



TAXI RANK IN CENTRE OF THE CARRIAGEWAY
(RED)

REF : E2

NOTES

- All dimensions are in millimetres unless otherwise stated.
- Markings are red.
- Markings to be 100 or 50 wide.
- 'TAXIS' lettering to be 500 high unless stated otherwise, repeated at 12 metre intervals on long taxi ranks.
- The transverse marking may be omitted where the marking is in a lay-by or where the bay is delineated by a raised kerb.
- Bay markings shall be red when a bay is not available for use in the am and/or pm peak. Markings shall be yellow to Diagram 1028.2 where a bay is available at all times.
- lettering to be the same colour as the adjacent bay.

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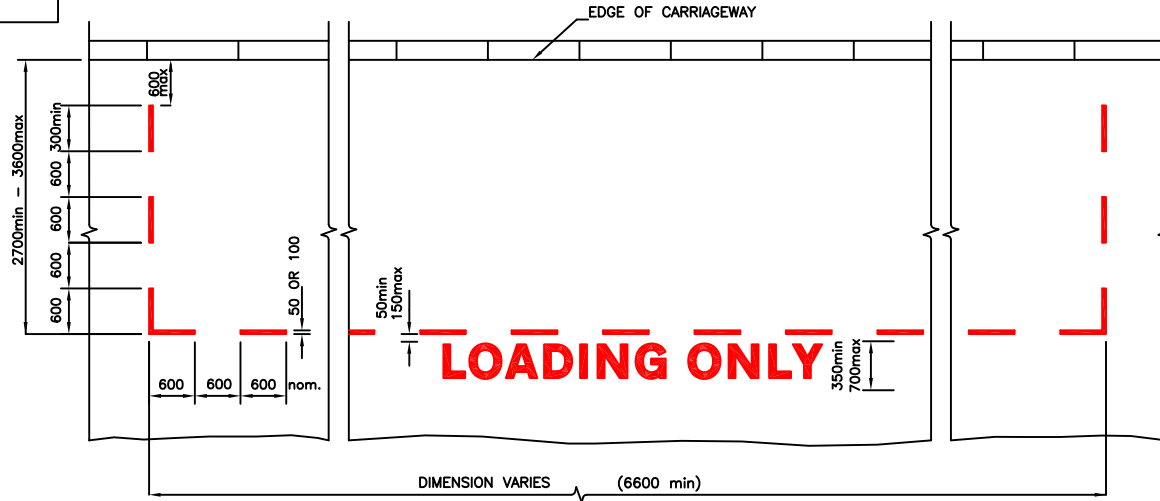
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DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR103	REV A

Drawing No.
WMRR104



BOX MARKINGS
(RED)
REF: C3 RED



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

BOX MARKINGS
(RED)
REF: C3 RED

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Markings are red.
3. Markings to be 100 or 50 wide.
4. 'LOADING ONLY' lettering to be between 350 and 750 high, repeated at 12 metre intervals on longer bays.
5. The transverse marking may be omitted where the marking is in a lay-by or where 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 and/or pm peak. Markings shall be white to Diagram 1028.3 where a bay is available at all times.
7. lettering to be the same colour as the adjacent bay.
8. The alternative layout shall be used where the lane width is insufficient to accommodate the legend outside the bay markings.

FOR DFT AUTHORISATION

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REV	DATE	DRAWN	REV'D	APP'D	REVISION

SKM COLIN BUCHANAN

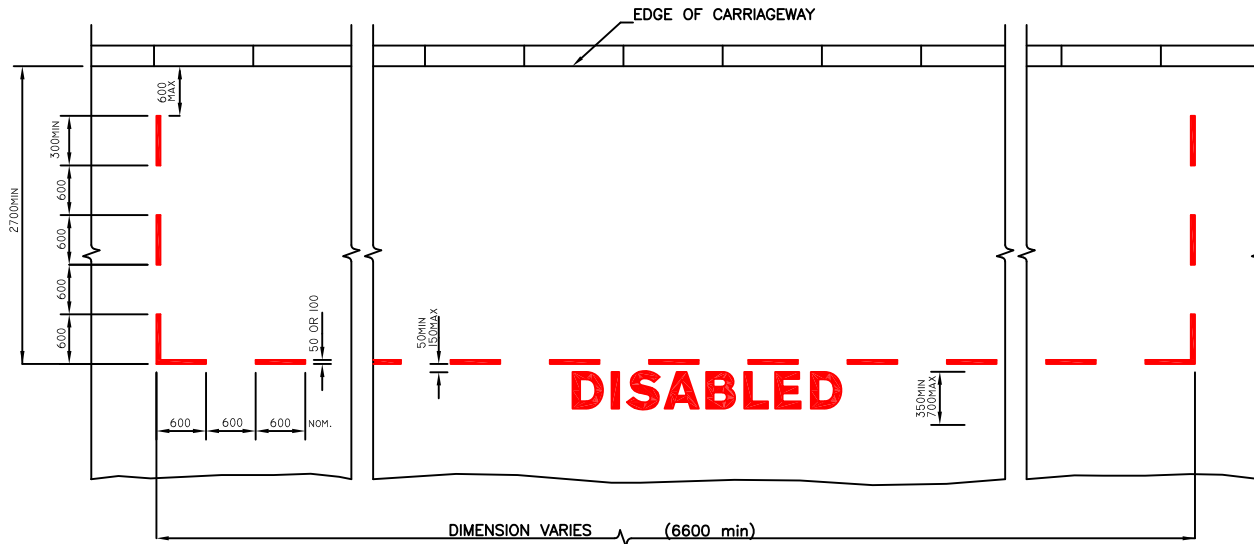
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PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR104	REV A

Drawing No.
WMRR105



BOX MARKINGS
(RED)
REF: C5 RED

NOTES

1. All dimensions are in millimetres unless otherwise stated.
2. Markings are red.
3. Markings to be 100 or 50 wide.
4. 'DISABLED' lettering to be 500 high unless stated otherwise, repeated at 12 metre intervals on longer bays.
5. The transverse marking may be omitted where the marking is in a lay-by or where 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 and/or pm peak. Markings shall be white to Diagram 1028.3 where a bay is available at all times.
7. Lettering to be the same colour as the adjacent bay.
8. The minimum width of bay reserved for disabled badge holders shall be 1800 where the overall width of the carriageway is insufficient to accommodate a wider bay.
9. Where the bay is less than 2700 wide, the number of transverse lines shall be reduced from three to two.

FOR DFT AUTHORISATION

LOGIN NAME: THURSTON, ANDREW (SKM)
 LOCATION: D:\Documents and Settings\Athurston\Desktop\11650X_West Midlands Red Route Signing Manual\December 2012\WMRR001_Rev_Dec 12 AT.dwg

redroutes West Midlands					
A	DEC 12	AT	RB	RB	ADDITIONAL VARIANTS
REV	DATE	DRAWN	REV'D	APP'D	REVISION

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CLIENT RED ROUTES WEST MIDLANDS			
PROJECT RED ROUTES SIGNS AUTHORISATION			
DRAWN AT	DRAWING CHECK RB	REVIEWED RB	APPROVED RB
DESIGNED AT	DESIGN REVIEW RB	DATE DEC 12	DATE DEC 12

TITLE RED ROUTES SIGNS AUTHORISATION		
SCALE NTS	DRAWING No WMRR105	REV A