(TO FOLLOW)

Ø200

4 holes
Ø20
CSK to Ø34
on Ø150 PCD

to suit M16 fixings

Stainless Steel Hoop
240 Grit Brushed Finish

R 298.3

R 250

50.3 X 3mm Stainless Steel Tube Grd 316

Stainless Steel Backing Plate
Back of Plate Shot Peened

Ø 450

1125

548

3 x 45° chamfer

SIGN OPTIONS	
Keep Left	{Dia 610 of TSRGD 2002}
Pass Either Side	{Dia 611 of TSRGD 2002}

See TSRM03 for conditions of use

Microprismatic retroreflective sign to conform to BS 840

Photometric Performance:
Performance index of not less than 9.0 for a V1 vehicle,
distance range D3, angularity A1, luminance index B an
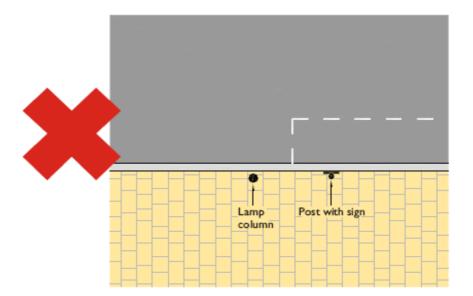position correction factor 1.73.

Non-illuminated low-hoop bollard
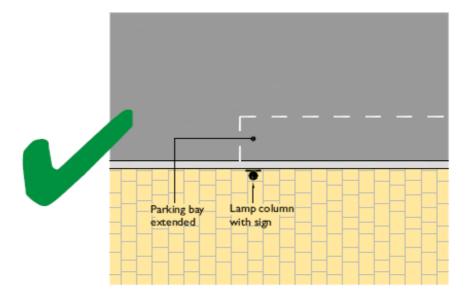**Traffic signs and road markings**   **TSRM02**

A non-illuminated version of the low-hoop bollard may now be used in the following circumstances:

- On a central refuge or in the mouth of a side-road if accompanied by a conventional illuminated sign to diagram 610 or 611, as appropriate, mounted on a centre island column

- On a refuge on which there are traffic signals facing in the same direction as the hoop sign

- On a central refuge at a zebra crossing, in combination with two belisha beacon globes mounted either on a central island column or on separate posts, in accordance with the Zebra, Pelican and Puffin Pedestrian Crossing Regulations 1997 (SI 1997 No. 2400)

In all other circumstances an illuminated version should be used.

Lamp column

Post with sign
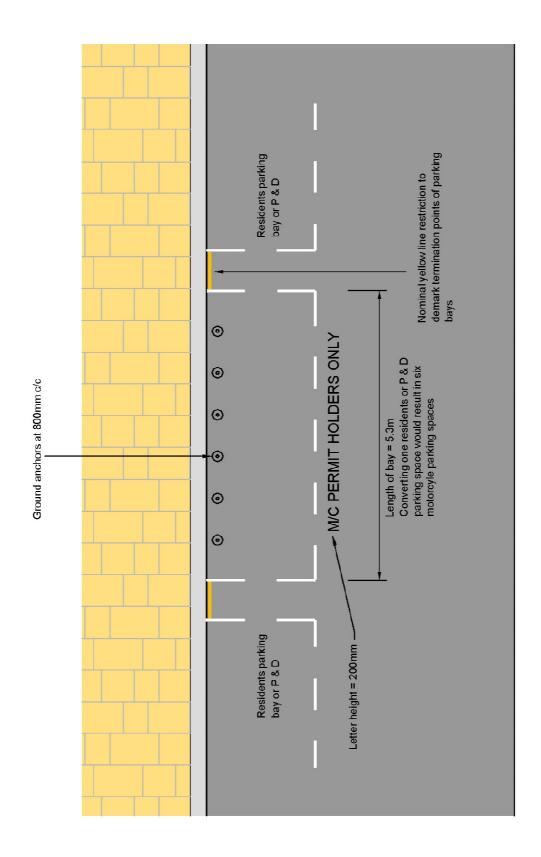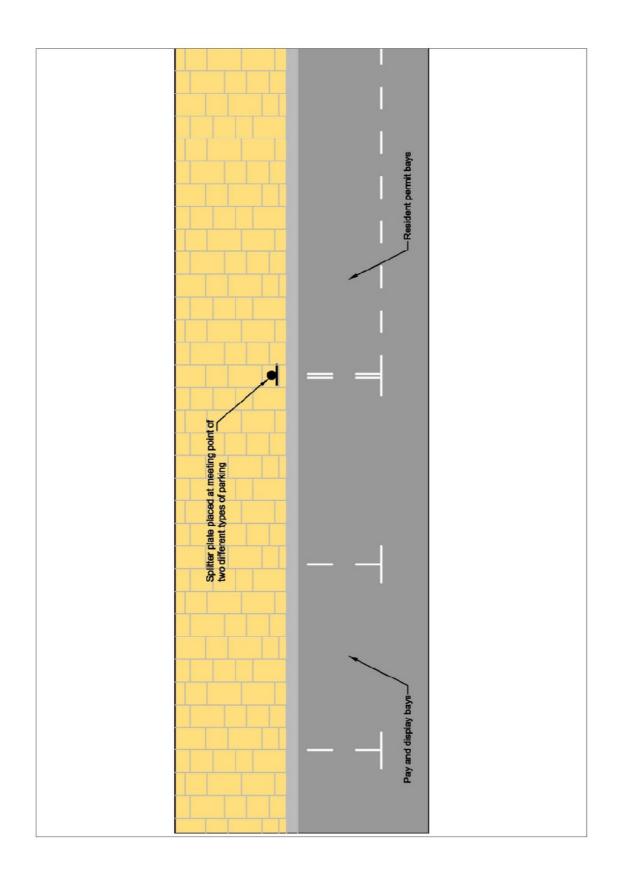

Parking bay extended

Lamp column with sign

Key points:
Subject to practicalities, extend parking bays to enable the sign to be mounted on the lamp column. If this is not practical it may be possible to relocate the lamp column if the distance is less than five metres
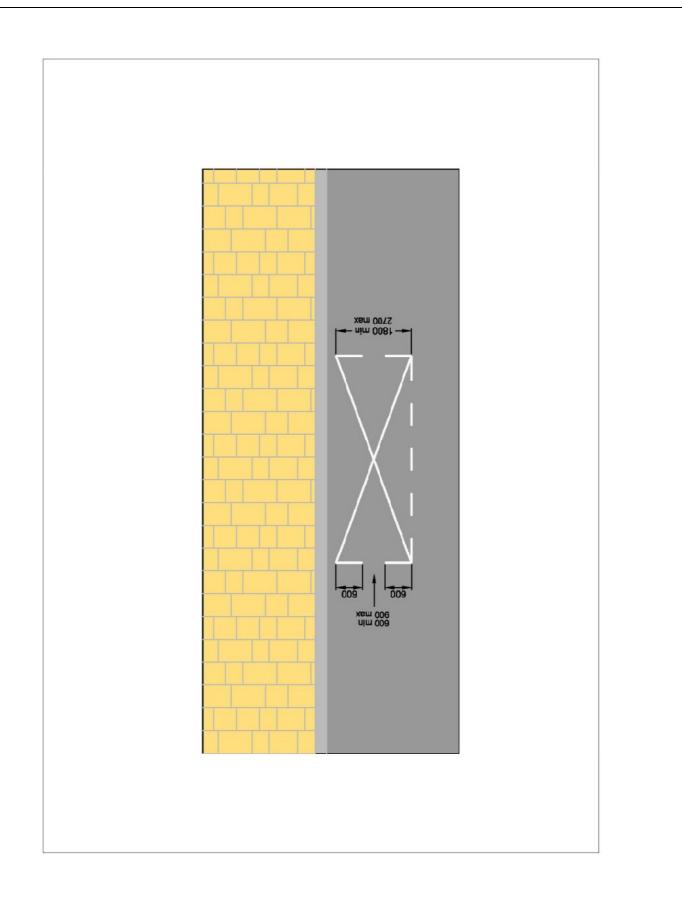
Parking bay markings
Traffic signs and road markings   **TSRM04**

Ground anchors at 800mm c/c

Residents parking bay or P & D

Nominal yellow line restriction to demark termination points of parking bays

M/C PERMIT HOLDERS ONLY

Length of bay = 5.3m
Converting one residents or P & D parking space would result in six motorcyle parking spaces

Residents parking bay or P & D

Letter height = 200mm

Motorcycle permit bay and ground anchor
Traffic signs and road markings

TSRM05

Splitter plate placed at meeting point of
two different types of parking

Resident permit bays

Pay and display bays

Adjacent parking bays of different types
Traffic signs and road markings   **TSRM07**

Dimensions on the road marking (shown mirror-reversed as in source image):

- 2700 max
- 1800 min
- 600
- 600
- 600 min
- 900 max

See TSRM09 for upright sign to accompany road marking

At x-height 20mm size is 250mm (w) x 235mm (h)

Key Points
Where appropriate the word "cars" may be changed to "vehicles"
Wherever possible the sign should be erected on a lamp column, adjacent wall or railings within the length of the designated parking bay

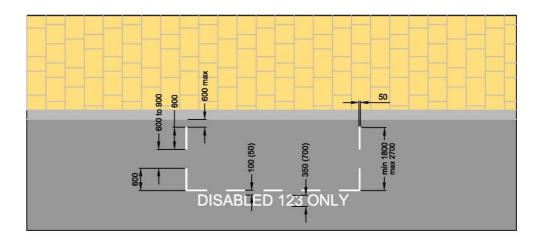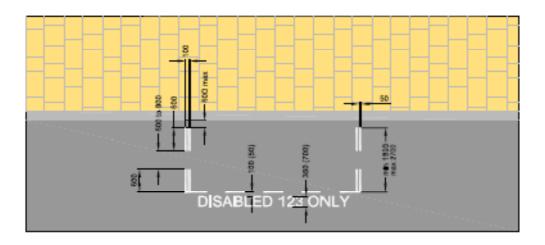See TSRM08 for road marking   to be used in conjunction with this sign

Diagram 1032:

Note:
For each designated bay the upright sign ref 660.3B (see TSRM11) must be placed together with either of these markings
The unique permit holder snumber shall be varied as appropriate

P Mon - Fri
8.30 am -
6.30 pm
⬥ Disabled badge
holders only
4 hours

At other times
and Sat & Sun
Disabled badge
holders only

Blue badge disabled parking sign
Ref 661A

At x-height 20mm size is 330mm (w) x
545mm (h)

Note:
Days of the week, times of day and time
limit may be varied as appropriate
The sign may be used with the road
markings shown on diagrams 1028.3,
1032 and 1033 in Schedule 6 to the
TSRGD 2002

P Disabled
parking
place
Permit DIS.
123 only

Personalised disabled parking sign
Ref 660.3B

Note:
For each designated bay this sign
6must be placed together with the
marking to diagram 1028.4 or 1032
(see TSRM10)

The unique permit holder number shall
be varied as appropriate

Wherever possible these signs should be erected on a lamp column, adjacent wall or
railings within the length of the designated parking bay.

Signs

Mounting of signs:　　The preferred height for signs erected on lamp columns or posts shall be 2.1 metres above ground level and this shall be increased to 2.5 metres where adjacent to a cycle lane.

Signs to be fixed to posts using stainless steel strip or extruded aluminium alloy sections, cast aluminium or plastic covered mild steel clips.

Where low-level signs are mounted in hooped frames, the overall height of the assemblies is to be between 1.0 and 1.5 metres.

Signs that are mounted back to back to be of the same size.

Specification　　All signs to be of the size, colour and type prescribed by the Secretary of State as indicated in the Traffic Signs Regulations and General Directions 2002.

Non-illuminated signs will be manufactured in Class I material (high reflectivity) unless otherwise indicated.

The back of all sign plates to be black, except in special schemes where a colour matching the lamp columns should be used.

Illuminated signs to be internally lit except when the smallest available internally lit unit is too large, when they will be externally lit.

When a low-level hoop type sign is required to be lit, the LED type should be used.

Internally lit signs supplied by Simmonsigns Limited (600mm) and Signiture Limited (450mm) or similar.

Posts

Choice of post;　　Tubular steel. Diameter to be the minimum permissible for the area of sign face.

Specification;　　All steel posts, lighting unit arms, brackets and fittings shall be shotblasted and rust-proofed and shall have either an applied finish in self-coloured coating material or protected against corrosion and painted graphite black to the current specification for street lighting columns.

All posts, including hoops and signal poles should be painted black, except for special schemes where stainless steel or an alternative paint colour may be specified to co-ordinate with lamp columns and other street furniture.

Signs and posts
Traffic signs and road markings　　　　　　　　　　　　　　　　　　**TSRM12**

Road Markings

Finish

The standard width for all yellow lines is 50mm, however 100mm lines may be used, with permission, where there are adhesion problems.

The thermoplastic material shall be laid to provide a smooth surface of uniform colour and appearance and free from blisters, streaks, lumps or other defects and be free from worn or discoloured patches for an effective life of between one and two years.

The thermoplastic material to be laid as a screed line of not less than 2mm thickness for synthetic resin binders or 3mm for resin binders. The maximum thickness of road markings should not exceed 5mm.

Specification

Road marking paint of chlorinated rubber, one pack epoxy or alkyd based by an approved manufacturer. Must be suitable for applying by brush or mechanical means to give a chemically stable film of uniform thickness.

White paint to type A (anatase) or type R (rutile) specified in BS1851 1986.

Yellow paint to BS 381c No. 355, (lemon yellow).The materials must have an affinity for ballotini spheres when dropped or applied to its wet surface where specified.