

TABLE 1 Minimum height of pedestrian restraint (See Notes 4&5)

USE	HEIGHT 'H' mm
Pedestrian	1000
Cyclist	1000
Equestrian	1800

SECTION A-A
Guardrail adjacent to a wall

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Project: STANDARD DRAWINGS
Title: PEDESTRIAN RESTRAINT SYSTEM

Drawing Number
SD/400/01

- Notes**
- All dimensions in millimetres.
 - Guardrail design and siting shall comply with BS 7818.
 - Type, style and Class of barrier will vary with location and use. Class 2 is minimum standard permissible. In some circumstances railings providing enhanced visibility will be required.
 - Height of barrier will vary with location.
 - Use of pedestrian restraint systems on bridges must be approved by the Overseas Organisation.
 - All guardrails shall have a hot dip galvanised finish to BS EN ISO 1461.
 - All bolts, nuts and washers shall be stainless steel.
 - The guardrail shall be erected according to the manufacturers instructions.
 - The guardrail shall be fabricated to suit the layout and levels and be erected true to line and level throughout its length.
 - For all changes of direction of guardrails and for radii less than 30m the intermediate panels shall be specially fabricated.
 - Panels must be tilted for gradients up to 1:6. For steeper gradients the panels must be stepped.
 - Where brickwork or blockwork thickness is in excess of 225 the panels may be incorporated into the construction or grouted into suitably prepared holes. Details must be submitted for approval.
 - Standard concrete mixes shall comply with Clause 2602 SHW.

Do not scale this drawing

Rev	Date	Notes revised and updated	Checked
A	08/06	Notes revised and updated	RB

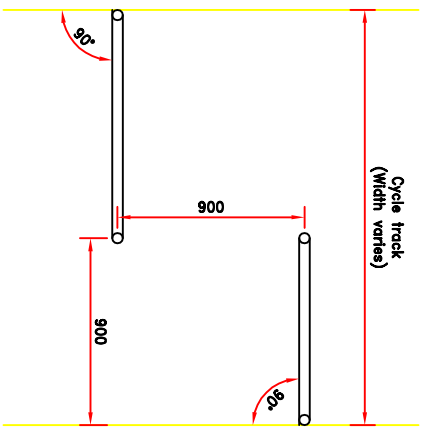
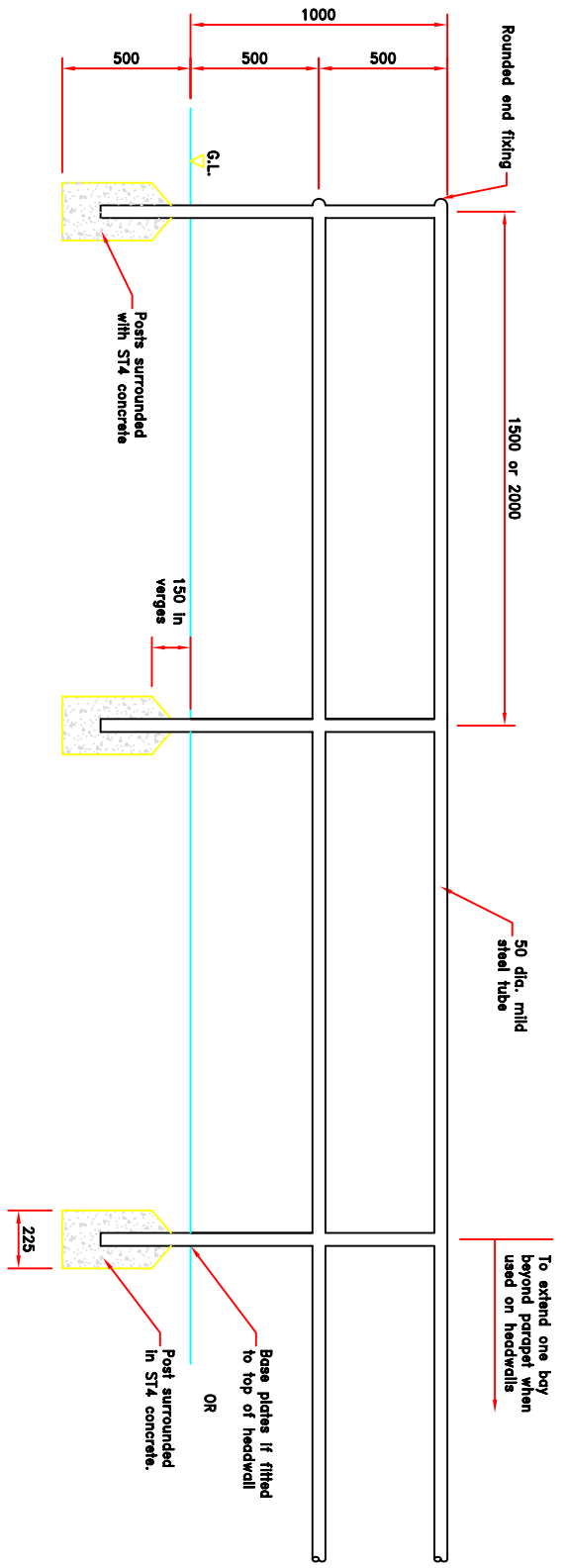
Drawing No. **SD/400/01**

Scale NOT TO SCALE	Checked RB	Date AUG 06	Approved JR

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Drawing Number
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- Notes
1. All dimensions in millimetres unless stated otherwise.
 2. Tubing to be steel complying with BS EN 10255 and BS EN 10305.
 3. Fittings to be purpose made of malleable iron or aluminium with case hardened screw fitting tightened with a hexagonal key.
 4. Railings may be galvanised or be painted white.
 5. Pedestrian guardrailing may be used as an alternative for cycle track barriers.



PLAN OF BARRIER ON CYCLETRACK

Do not scale this drawing

Rev	Date	Notes	Checked
A	08/06	Notes revised and updated	

Drawing No.	Revision
SD/400/02	A

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Project
STANDARD DRAWINGS

Title
TUBULAR GUARDRAILING