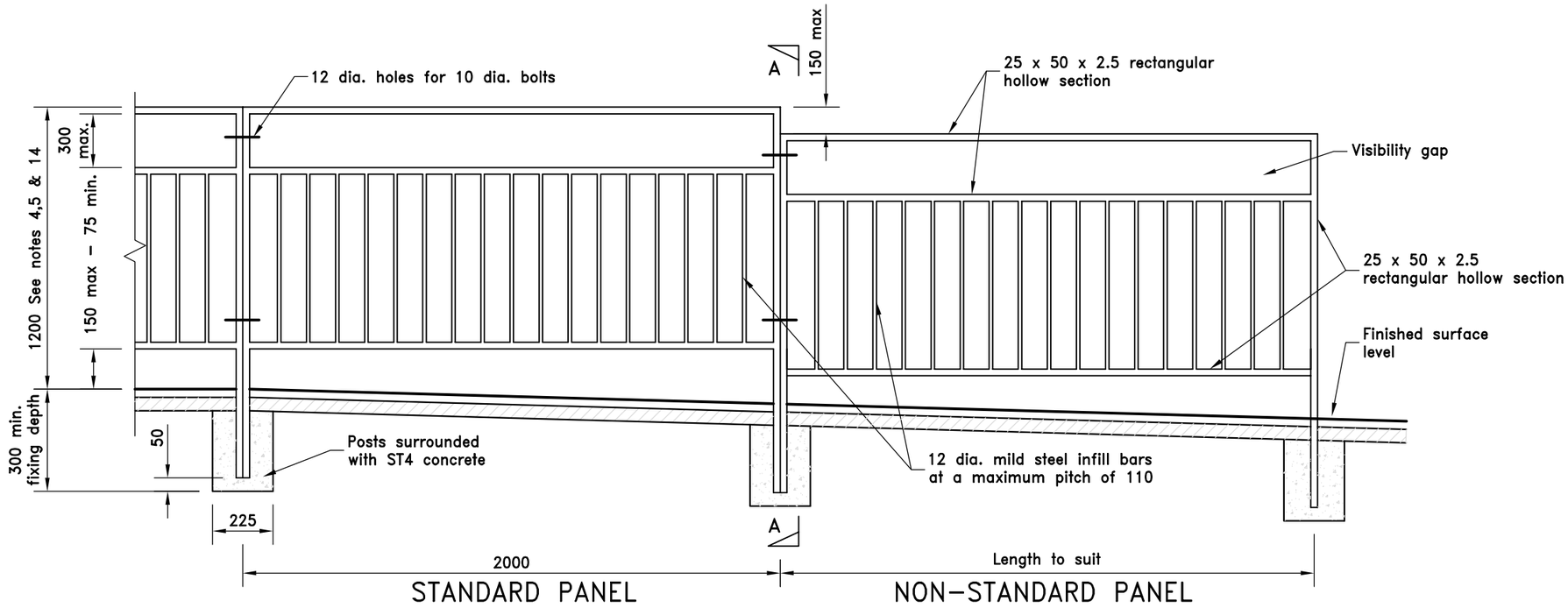
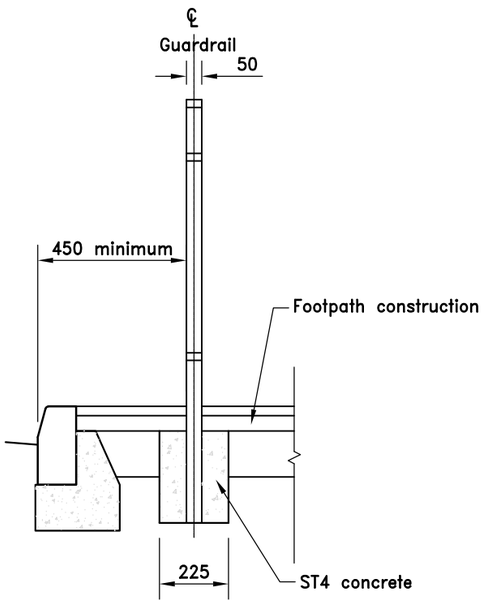
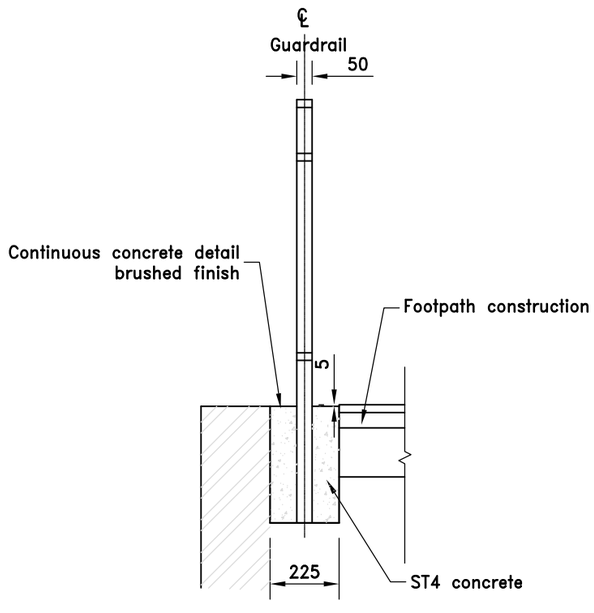




SECTION A–A



SECTION A–A
Guardrail adjacent to a wall

Drawing Number
SD/400/01A

Notes

1. All dimensions in millimetres.
2. Guardrail design and siting shall comply with BS 7818.
3. 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.
4. Height of barrier will vary with location.
5. Use of pedestrian restraint systems on bridges must be approved by the Engineer.
6. All guardrails shall have a hot dip galvanised finish to BS EN ISO 1461.
7. All bolts, nuts and washers shall be stainless steel.
8. The guardrail shall be erected according to the manufacturers instructions.
9. The guardrail shall be fabricated to suit the layout and levels and be erected true to line and level throughout its length.
10. For all changes of direction of guardrails and for radii less than 30m the intermediate panels shall be specially fabricated.
11. Panels must be tilted for gradients up to 1:6. For steeper gradients the panels must be stepped.
12. 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.
13. Standard concrete mixes shall comply with Clause 2602 SHW.
14. Where a cycle facility is used in a grade separated situation i.e. bridge, subway, etc; the height 'H' should be increased to a minimum of 1400.

Do not scale this drawing

Rev	Date		Checked
A	Mar 11	Various minor amendments	KPT

Bracknell Forest Council

Project
STANDARD DRAWINGS

Title
PEDESTRIAN & CYCLE RESTRAINT SYSTEM

Drawing No.
SD/400/01A

Scale NOT TO SCALE | Date

Department of Environment, Culture & Communities