



- NOTES**
1. MAIN FRAME SHALL BE 50mm x 30 mm BOX SECTION STEEL WITH 12mm INFILL BARS. POSTS TO BE 50mm x 50mm BOX SECTION.
 2. GUARDRAILS SHALL BE MANUFACTURED IN ACCORDANCE WITH BS 7818 CLASS A DESIGN LOAD. PANELS SHALL BE MADE FROM GRADE 43C HOT ROLLED STEEL SECTIONS AND BARS TO BS 4 ; PART 1 AND BS 7668 AND SHALL HAVE SMOOTH GALVANISED FINISH BY HOT DIP PROCESS IN ACCORDANCE WITH BS EN ISO 1461. WELDS TO BE 5mm TO BS EN 1011-1 AND BS EN 1011-2. SURFACE WELDS TO BE CLEANED FLUSH.
 3. WHERE REQUIRED GUARDRAILS TO BE PAINTED TO THE REQUIREMENTS STATED IN APPENDIX 19/5.
 4. FENCING TO BE INSTALLED TO A SMOOTH, FLOWING ALIGNMENT AND BE APPROVED BY THE ENGINEER PRIOR TO CONCRETING AROUND EACH POST.
 5. NON STANDARD LENGTHS OR RAKED PANELS TO BE PROVIDED WHERE REQUIRED.
 6. BOLLARDS TO BE STEEL TUBE WITH POLYURETHANE COATING.
 7. RAILS SHALL BE HOT DIP GALVANISED IN ACCORDANCE WITH BS EN ISO 1461.
 8. ALL DIMENSIONS ARE IN MILLIMETRES.

STANDARD DETAIL

Drawing Title:
**PEDESTRIAN GUARDRAIL
BESPOKE DETAILS**

DRAWN	ID	DATE	JUL/09
CHECKED	JBF	SCALE	NTS
Drawing Number		SD/400/03	
		01	