



ELEVATION

Notes:

1. Dimensions are in millimetres.
2. Steel to be Grade S275 to BS EN 10025-2.
3. Welds to be sound and continuous avoiding locked-in slag. Welding symbols shall comply with BS 499.
4. Welding slag to be removed immediately after welding.
5. Railing panels after fabrication and welding, posts, nuts, bolts and washers are to be hot dip galvanized to BS EN ISO 1461:2009.
6. Standard railings to be installed either with the top rail 1000mm above the level of the adjacent ground/paved surface or to match the height of existing railings.
7. Expansion joint details see Drg. No. H2134.
8. In particular circumstances where agreed by Highways Department and Transport Department, the overall height of the railing may be increased to 1300mm.
9. Where the concrete footing is located in block paved footpath, the footing should be lowered to allow for the paving blocks and the sand course.
10. In fabricating the perimeter of the railing panel, a max. of one welded joint is allowed on each vertical side adjoining the post. The weld shall be single-V butt weld, and be located in between two connection bolts, at distance not less than 125mm from either bolt. No jointing for the perimeter is allowed on the top or bottom side.
11. See HyD TC No. 2/2017 for provision and design.

H	Details of bolts and nuts revised and base plates of railing posts added	Original signed	Jun 20
G	Update to tally with HyD TC No. 2/2017	-	Jan 18
F	Fillet welds at ends of vertical round bars increased to 5mm	-	Sep 09
E	Use of 15 squares for vertical infill bars deleted	-	May 09
D	Note 5 revised, Note 10 added and helical spring lock washer specified for fixing end panel	-	Apr 07
C	Detail 'X' and 'Y' and infill bar spacing revised	-	Nov 03
B	Note 9 added	-	Nov 99
A	Flats size revised	-	Jan 95
	Former Drg. No. H2019/1 with general revision	-	Jun 94
REF.	REVISION	SIGNATURE	DATE

HIGHWAYS DEPARTMENT

TYPE 2 RAILINGS - FOR CONTROL PURPOSE

REFERENCE

DRAWING No.

CAD

SCALE

1 : 20

H 2130H