



ELEVATION

- Notes:
- Dimensions are in millimetres.
 - 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.
 - Exact location and extent of the railing shall be specified by the Transport Department.
 - All intermediate horizontal flats shall be connected to vertical flats by 6mm top and bottom fillet welds.
 - Steel to be Grade S275 to BS EN 10025-2. Welding symbols shall comply with BS 499.
 - Railing panels after fabrication and welding, posts, nuts, bolts and washers are to be hot dip galvanized to BS EN ISO 1461:2009.
 - 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. The weld shall also be at a distance not less than 50mm from the connection between the perimeter flat and any horizontal flat. No jointing for the perimeter is allowed on the top or bottom side.
 - See HyD TC No. 2/2017 for provision and design.

REF.	REVISION	SIGNATURE	DATE
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 horizontal flats increased to 6mm	-	Sep 09
E	Use of 15 squares for vertical infill bars deleted	-	May 09
D	Addition of fillet weld details, Notes 4 to 7 added and helical spring lock washer specified for fixing end panel	-	Apr 07
C	Title changed, top flats details and infill bar spacing revised	-	Nov 03
B	Note 2 added	-	Nov 99
A	Flats size revised	-	Sep 96
	Former Drg. No. H2019/2 with general revision	-	Jun 94

TYPE 2 RAILINGS AT JUNCTIONS AND CROSSINGS - FOR CONTROL PURPOSE

HIGHWAYS DEPARTMENT

REFERENCE

DRAWING No.

CAD

SCALE

1 : 20

H 2132H