



**HALF-FULL SIZE SECTION A-A**

THIS GUARDRAIL MEETS WITH THE REQUIREMENTS OF:-  
BS.7818 (1995) CLASS 2.A.

ALL SURFACE WELDS TO BE CLEANED FLUSH OTHERS TO BE NEAT AND LEFT AS LAID.

**GENERAL NOTES**

- 1) STANDARDS ARE DRILLED 12 DIA. FOR BOLTING TOGETHER ON SITE FOR ADDED STRENGTH. BOLTS ARE NOT SUPPLIED UNLESS SPECIFICALLY REQUESTED.
- 2) WHERE GRADIENTS ARE ENCOUNTERED THE RAKING REQUIREMENTS MAY BE ACCOMMODATED BY ONE OF THE FOLLOWING METHODS:-
  - A) PANELS CAN BE TILTED ON SITE FOR GRADIENTS UP TO 1 IN 6 (LESS THAN 10° ANGLE WITH THE VERTICAL WHEN MEASURED IN THE PLANE OF THE RAILS). SEE CLAUSE 2.2 OF BS. 7818.
  - B) PANELS CAN BE STEPPED AT INTERVALS DEPENDING UPON THE GRADIENT. DRILLING FOR STEPPING TO BE CARRIED OUT DURING SITE ERECTION.
- 3) SLOW CURVING ON PLAN CAN BE ACHIEVED BY FACETTING PANELS AT JOINTS. WHERE CURVES ARE SO TIGHT THAT THIS METHOD CANNOT BE USED, PANELS CAN BE MANUFACTURED TO THE DESIRED RADIUS IN OUR WORKS, DOWN TO A MINIMUM RADIUS OF 1.2m.
- 4) THE STANDARD FIXING DEPTH SHOWN IS SUITABLE FOR BUILDING INTO FIRM GROUND, TO BE SURROUNDED IN CONCRETE, OR INTO BRICKWORK, WHERE IT CAN BE BUILT-IN AS THE BRICKWORK IS CONSTRUCTED, OR GROUTED INTO PREPARED POCKETS. WHERE FIXING INTO CONCRETE THE DEPTH CAN BE REDUCED TO 150. WHERE SOFT CONDITIONS ARE ENCOUNTERED THE FIXING DEPTH SHOULD BE INCREASED TO 610 AND THE USE OF SIDE STAYS CONSIDERED.
- 5) NORMAL FINISH IS HOT DIPPED GALVANISED, AS BEING THE MOST SERVICEABLE, BUT ALTERNATIVE FINISHES ARE AVAILABLE ON REQUEST.

ALL STANDARDS QUOTED ARE DEEMED CURRENT AT THE DATE THE DRAWING IS ISSUED FOR APPROVAL, UNLESS OTHERWISE STATED.

REVISIONS	
F./	1/12/99.
REDRAWN AND NEW BRITISH STANDARDS INCORPORATED.	
D.V.COPELAND.	

THIS DRAWING TO BE USED ONLY WITH  
W/O.No.  

DRAWING TO BE RETURNED TO DRAWING OFFICE ON COMPLETION OF WORK

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CUSTOMER	
SITE	
JOB DETAILS	V & G STANDARD PEDESTRIAN GUARDRAIL TYPE 3
FINISH	HOT DIP GALVANISED TO B.S.EN.ISO.1461
DRAWN BY	M.LITTLELY
CHECKED BY	
DATE	28/7/99

CAD DRAWING NUMBER

**S.P.G.3F**