

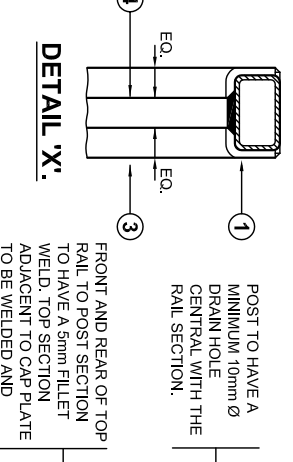
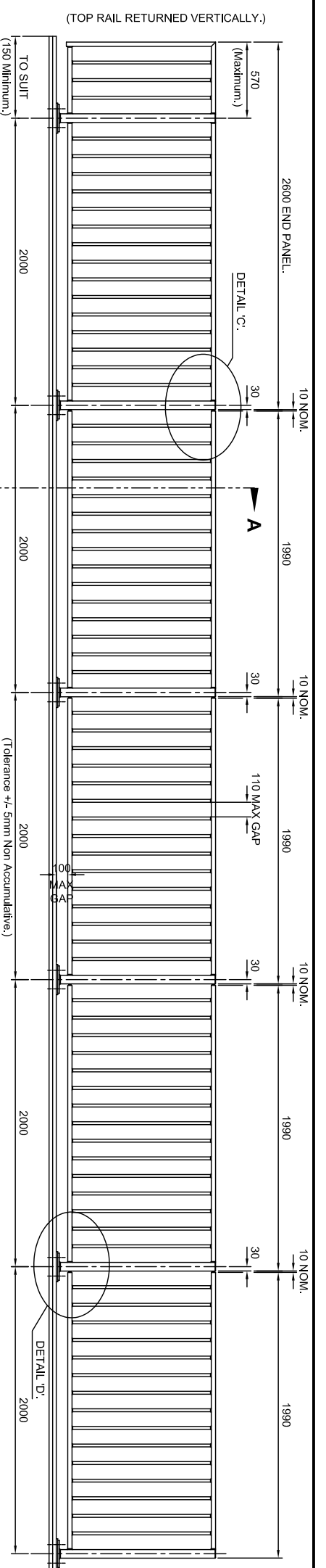
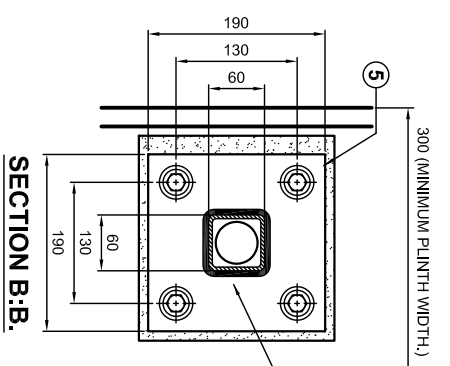
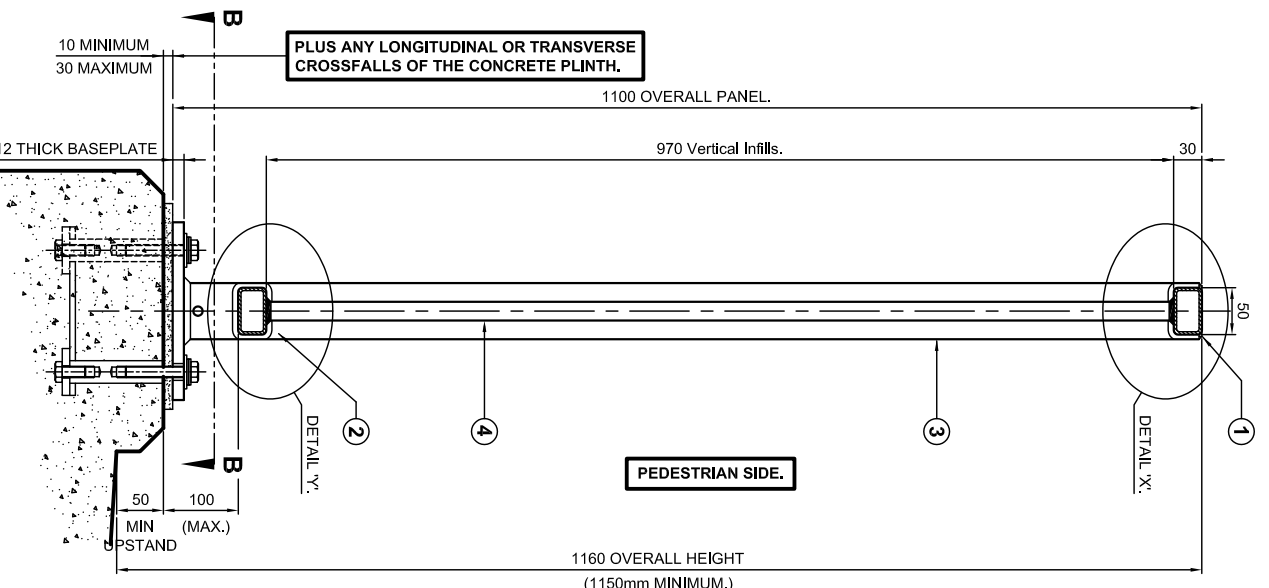
ALTERNATIVE END PANEL.
(WITHOUT OVERHANG.)

TYPICAL ELEVATION ON PARAPET.

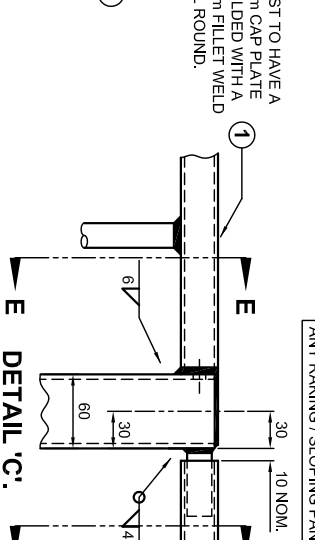
POSTS TO BE AT THE HIGH POINT OF ANY RAKING / SLOPING PANELS.

THE CONCRETE PLINTH IS TO BE DESIGNED BY OTHERS TO RESIST WITHOUT DAMAGE THE FORCES TRANSMITTED BY THE PARAPET UNDER LOAD.

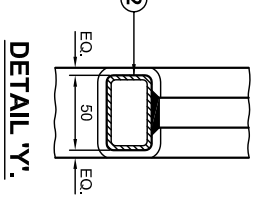
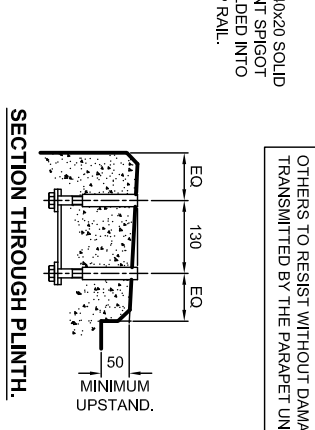
ANCHORAGES TO BE ALIGNED PERPENDICULAR TO THE LONGITUDINAL ALIGNMENT OF THE CONCRETE PLINTH.



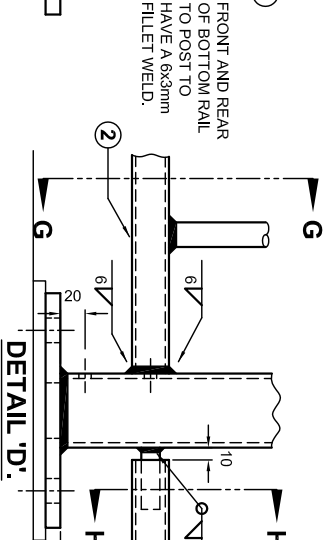
SECTION E-E.



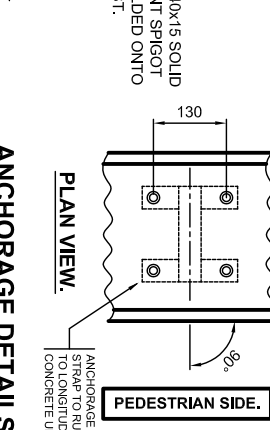
SECTION F-F.



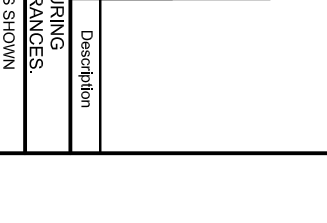
SECTION G-G.



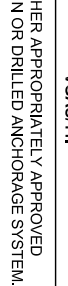
SECTION H-H.



DETAIL D.



ANCHORAGE DETAILS.



GENERAL NOTES.

- 1/ ALL STEEL WELDING TO BE IN ACCORDANCE WITH BS.EN.1011-1 and 2.
- 2/ WELDERS AND WELDING PROCEDURES ARE IN ACCORDANCE WITH BS.EN.ISO.9606-1 AND BS.EN.ISO.15607.
- 3/ PANELS CANNOT BE RADIUSED TO SUIT ON SITE. TIGHTER RADI CAN BE SUPPLIED PERFORMED BY SPECIAL ARRANGEMENT.
- 4/ DIMENSIONS RELATIVE TO HEIGHT DATUM ASSUME THERE IS NO LONGITUDINAL FALL ON THE PLINTH, ADDITIONAL TOLERANCES TO TAKE ACCOUNT OF THESE FALLS ARE PERMISSIBLE.
- 5/ AN EASILY LEGIBLE IDENTIFICATION PLATE SHALL BE APPLIED AND LOCATED NEAR TO THE TOP OF THE FIRST POST AT EACH APPROACH END IN AN EASILY VISIBLE POSITION.

MATERIAL SPECIFICATION.

ITEM	SPECIFICATION	ITEM	SPECIFICATION
TOP RAIL.	TOP RAIL AND INTER RAILS IN ACCORDANCE WITH BS.EN.10219-1 AND BS.EN.10219-2 GRADE S275L2H.	ALL BOLTS / SETSCREWS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.ISO.3506-1 GRADE A4-80.	
POST JOINT.	POST SECTION.	POST SECTION.	POST SECTION.
INTER RAIL JOINT.	INTER RAIL JOINT.	INTER RAIL JOINT.	INTER RAIL JOINT.
INTER RAIL.	INTER RAIL.	INTER RAIL.	INTER RAIL.
BASEPLATE.	BASEPLATE.	BASEPLATE.	BASEPLATE.
INFILLS.	INFILLS.	INFILLS.	INFILLS.

PEDESTRIAN PARAPET INFORMATION

UNFACTORED MOMENT OF RESISTANCE OF POST (kNm) AT UNDERSIDE OF BASEPLATE.	6.50kNm
SHEAR FORCE RESISTANCE OF POST (kN)	93.61kN
SIZE OF HOLDING DOWN BOLTS	M12

PEDESTRIAN GUARDRAIL PERFORMANCE.

Eurocode 3 BS. EN. 1993-1-1:2005	CLASS 'D'.
POST AND RAIL.	CLASS '1'.
INFILL.	CLASS '3'.
POST AND RAIL.	CLASS '3'.
INFILL.	CLASS 'C'.

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TITLE: STANDARD ARRANGEMENT DRAWINGS OF STEEL PEDESTRIAN PARAPET SYSTEM - 1150mm HIGH.
DRAWING NUMBER: VGSP - 06.