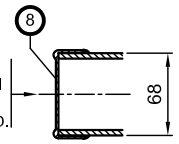
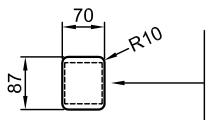
POST COVER STRIP TO BE ATTACHED TO POST SECTION WITH WELDS ON BOTH SIDES IN THE LOCATIONS INDICATED.



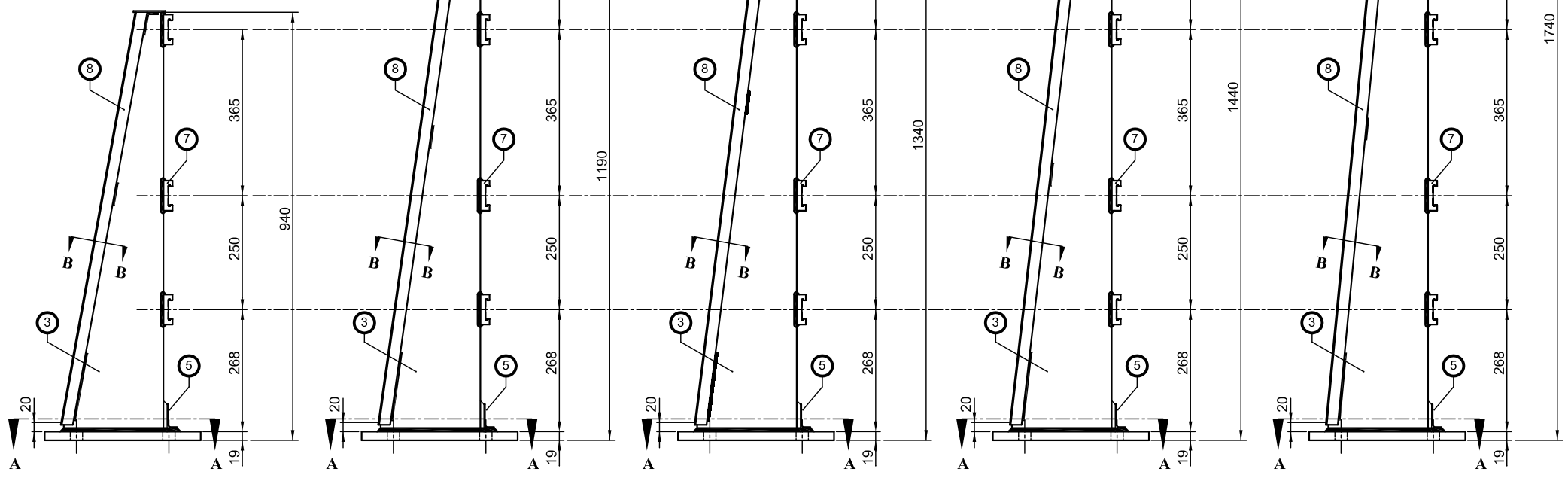
SECTION B-B.

UNDERSIDE OF ALL BASEPLATE TO RECEIVE 2 COATS OF BITUMASTIC PAINT OR PITCH TO BS.3416. AFTER FABRICATION. APPLIED TO A SURFACE WHICH HAS BEEN CLEANED AND DEGREASED IN ACCORDANCE WITH BS.8118-2.



MINIMUM 3mm POST CAP TO BE ATTACHED TO SIDE OF POSTS WITH A MINIMUM OF 20mm WELD BOTH SIDES. THIS DETAIL IS TYPICAL OF ALL POSTS.

POST CAP.



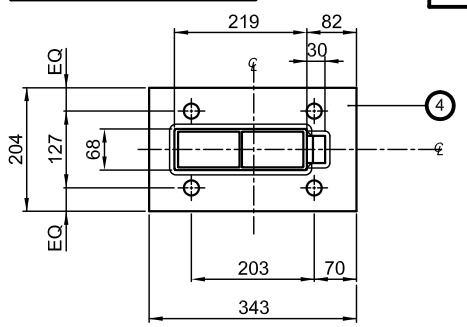
ELEVATION ON POST.
VGAN 501 / 502.

ELEVATION ON POST.
VGAN 503 / 504.

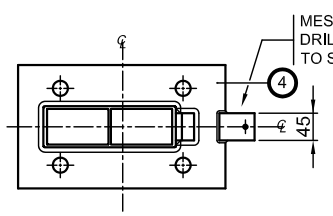
ELEVATION ON POST.
VGAN 505 / 506.

ELEVATION ON POST.
VGAN 507 / 508.

ELEVATION ON POST.
VGAN 509 / 510.



SECTION A-A.



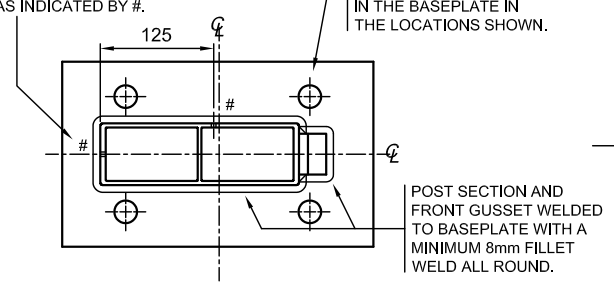
MESH LUG TO BE DRILLED AND TAPPED TO SUIT AN M8 FIXING.

PARAPET SYSTEMS VGAN 502, VGAN 504, VGAN 506, VGAN 508 AND VGAN 510 TO HAVE A MESH / SHEETING LUG WELDED TO THE BASEPLATE IN THE LOCATION SHOWN.

SECTION A-A.
(APPLICABLE TO VGAN 502, VGAN 504, VGAN 506, VGAN 508 AND VGAN 510 ONLY.)

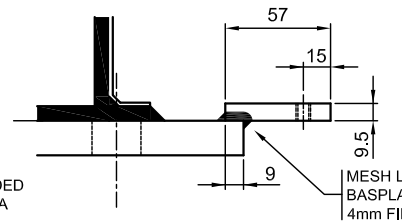
5mm DIAMETER DRAIN HOLES TO BE LOCATED CENTRALLY IN THE REAR WALL OF POST ADJACENT TO TOP OF WELD AND ON THE DEPARTURE SIDE OF POST AS INDICATED BY #.

4No. 27mm DIAMETER HOLES TO BE PUNCHED IN THE BASEPLATE IN THE LOCATIONS SHOWN.



POST SECTION AND FRONT GUSSET WELDED TO BASEPLATE WITH A MINIMUM 8mm FILLET WELD ALL ROUND.

ENLARGED VIEW ON BASEPLATE.



MESH LUG WELDED TO BASPLATE WITH A MINIMUM 4mm FILLET WELD ALL ROUND.

ENLARGED VIEW ON MESH LUG.

GENERAL NOTES.

1/. ALL ALUMINIUM WELDING TO BE IN ACCORDANCE WITH BS.EN.1011-4.

2/. WELDERS AND WELDING PROCEDURES ARE IN ACCORDANCE WITH BS.EN.ISO.9606-2 AND BS.EN.ISO.15614-2 RESPECTIVELY.

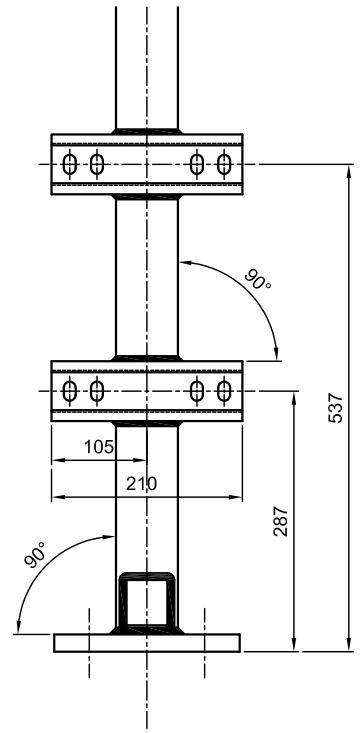
3/. DIMENSIONS RELATIVE TO HEIGHT DATUM ASSUME THERE IS NO LONGITUDINAL FALL ON THE PLINTH. ADDITIONAL TOLERANCES TO TAKE ACCOUNT OF THESE FALLS ARE PERMISSIBLE.

4/. FABRICATION TO BE IN ACCORDANCE WITH BS.8118-2.

MATERIAL SPECIFICATION.

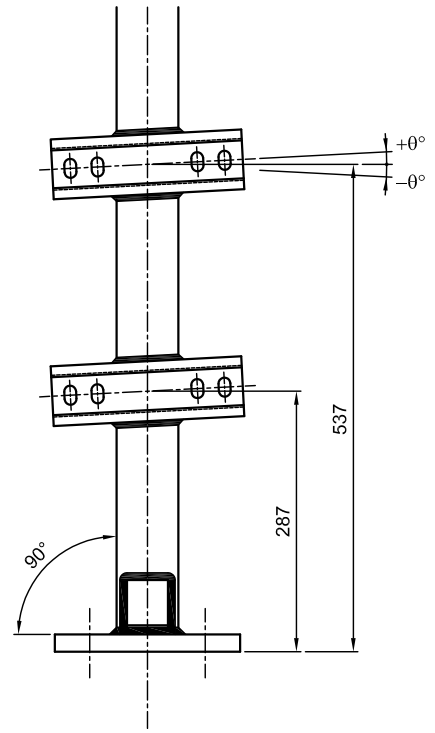
ITEM	SPECIFICATION	ITEM	SPECIFICATION
POST SECTION.	ALL EXTRUSIONS ARE TO BE ALUMINIUM ALLOY EN AW6082 T6 IN ACCORDANCE WITH BS.EN.515, BS.EN.573-3, BS.EN.573-4, BS.EN.755-1, BS.EN.755-2, BS.EN.755-5, BS.EN.755-7 AND BS.EN.755-9. MAIN RAIL TO HAVE AN ADDITIONAL REQUIREMENT OF 10% MINIMUM ELONGATION.	BOLTS.	ALL BOLTS / SETPINS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.ISO.3506-1 GRADE A4/80.
BASEPLATE.		NUTS.	ALL NUTS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.ISO.3506-2 GRADE A4.
POST GUSSET.		PLAIN WASHERS.	WASHERS TO BE M20 FORM 'B' AND M12 FORM 'A' CONFORMING TO BS.4320 AND BE STAINLESS STEEL TO BS.EN.ISO.3506 GRADE A4 OR A2.
RAIL CLEAT.			

ALL POST TO RAIL CLEATS TO HAVE 4No. 21mm LONG x 13mm WIDE SLOTS IN THE POSITIONS SHOWN. CLEATS ARE TO BE WELDED TO POSTS WITH A MINIMUM 6mm FILLET WELD ALL ROUND.



PART ELEVATION ON POST.

FOR POST RAKES UPTO AND INCLUDING 2°00'.

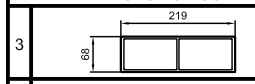
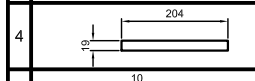
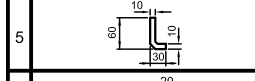
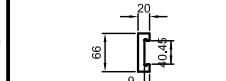
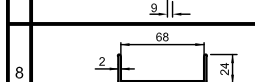


PART ELEVATION ON POST.

FOR POST RAKES OVER 2°01' UPTO AND INCLUDING 4°00'.

FOR POST RAKES OVER 4°01' CLEATS AND BASEPLATES TO BE RAKED TO SUIT SPECIAL REQUIREMENTS.

SECTION SCHEDULE

3		POST SECTION 38050
4		BASEPLATE SECTION 120502
5		GUSSET SECTION 120501
7		RAIL CLEAT SECTION 120095
8		POST COVER SECTION 118659
9		MESH LUG SECTION or SIMILAR.

SCALE		DATE	01/06/2006
DRN.	P.G.H.	CHK.	D.V.C.

Rev	Date	By	Description

MANUFACTURING TOLERANCES.

TOLERANCES AS SHOWN UNLESS STATED OTHERWISE.

DIMENSIONS.	TOLERANCES.
GREATER THAN 1000mm.	± 2mm
LESS THAN 1000mm.	± 1mm
ANGULAR DIMENSIONS.	± 0°15'

NOTE: ALL ACCUMULATIVE TOLERANCES ARE TO BE CONTAINED WITHIN THE OVERALL TOLERANCE.

SITE ERECTION TOLERANCES.

WILL VARY TO SUIT SITE CONDITIONS.

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

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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Website. www.v-and-g.co.uk

TITLE
STANDARD ARRANGEMENT DRAWINGS OF VGAN 500 SERIES ALUMINIUM PARAPET SYSTEM.
PARAPET POST DETAILS.

DRAWING NUMBER
VGAN 500 - 07.

ALL DIMENSIONS IN MM.

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