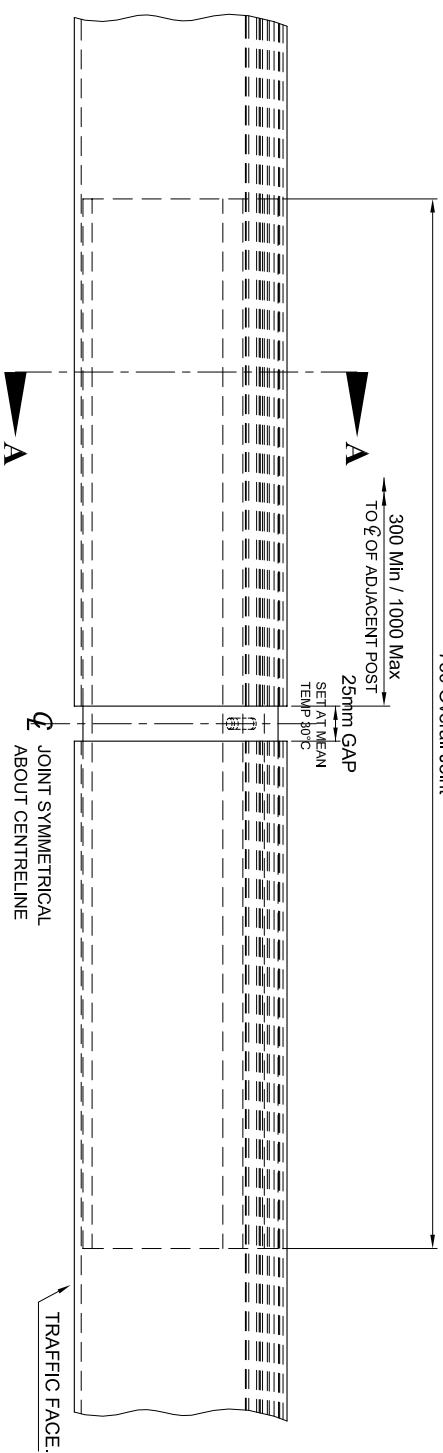
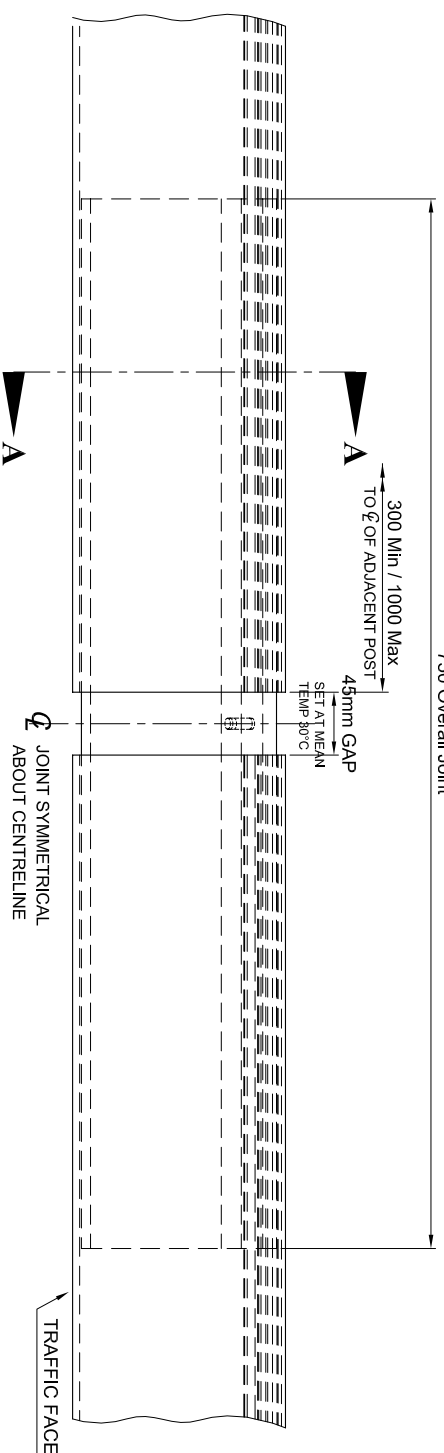


750 Overall Joint



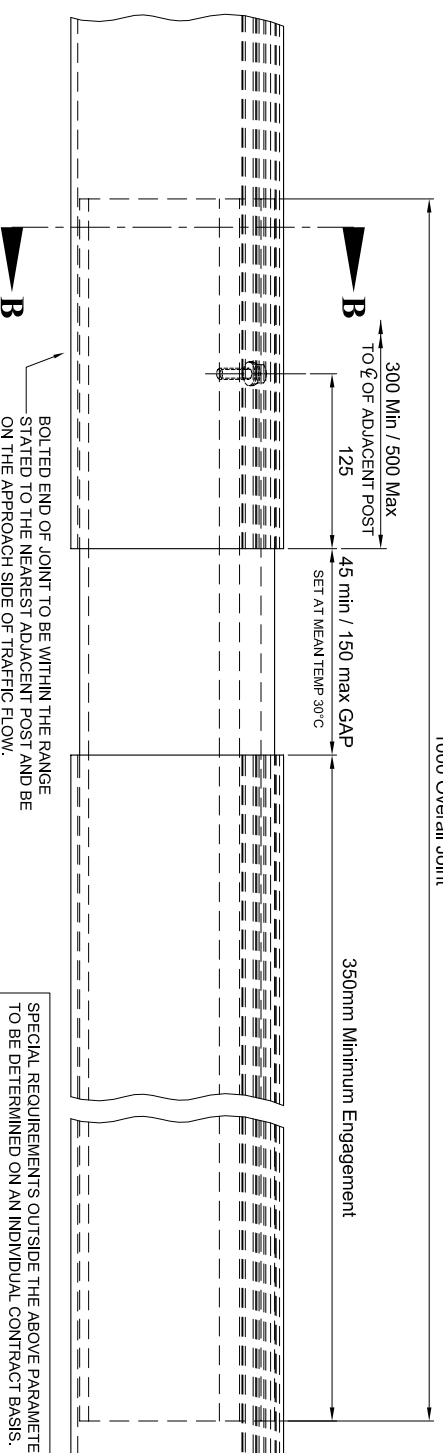
STANDARD RAIL JOINT TYPE 1.

750 Overall Joint



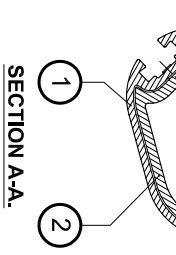
EXPANSION RAIL JOINT TYPE 2 - FOR MOVEMENT RANGE UP TO +/- 25mm.

1000 Overall Joint

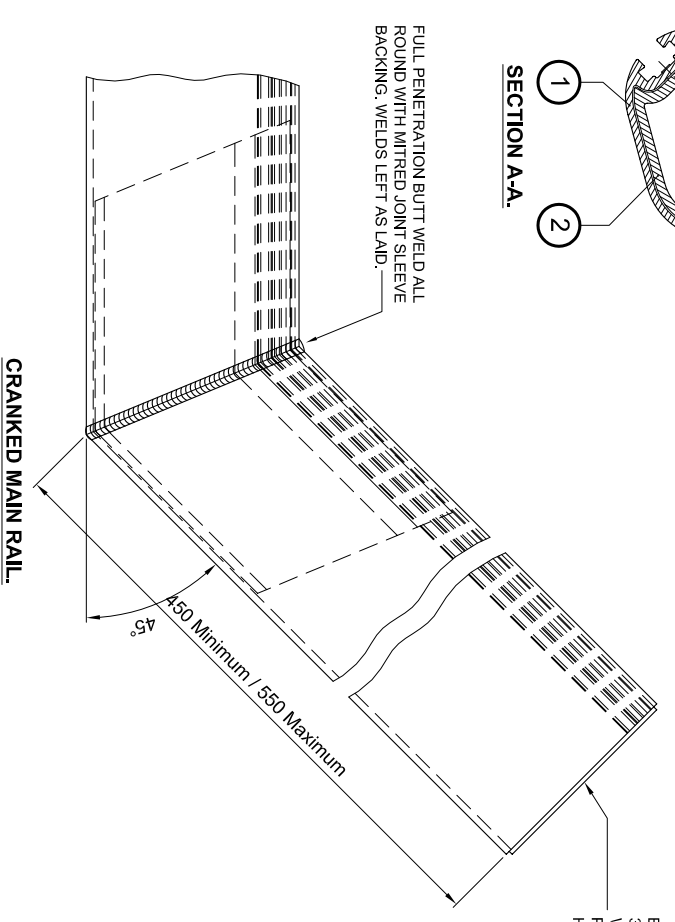


EXPANSION RAIL JOINT TYPE 3 - NO TENSION EXPANSION JOINT FOR MOVEMENT OVER +/- 25mm UP TO +/- 150mm.

MATERIAL SPECIFICATION.		
ITEM	SPECIFICATION	SPECIFICATION
1No. STANDARD COILED SPRING PIN ref: CLDP8x20M/DK		ALL BOLTS / SETPINS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.10350.3506-1 GRADE A4/80.
INSTALL ED CENTRALLY IN RAIL JOINT SECTION WITH 10mm EXTENDING OUT OF SECTION.		
RAIL CAPS.	ALUMINIUM PLATES / SHEETS ARE TO BE ALUMINIUM ALLOY EN AW5083 O IN ACCORDANCE WITH BS.EN.485-1, BS.EN.485-2, BS.EN.485-3 AND BS.EN.485-4.	ALL NUTS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.10350.3506-2 GRADE A4.
STANDARD COILED SPRING PINS.	STANDARD COILED SPRING PINS IN STAINLESS STEEL TO BS.EN.10350.8750.	WASHERS TO BE M20 FORM 'B' AND M16 FORM 'C' CONFORMING TO BS.4320 AND BE STAINLESS STEEL TO BS.EN.10350.3506 GRADE A4 OR A2.
PLAIN WASHERS.		

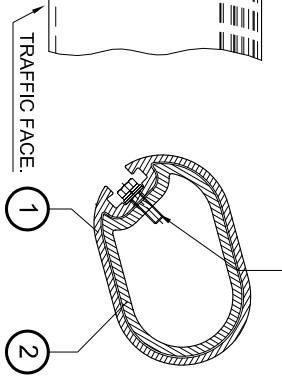


SECTION A-A.

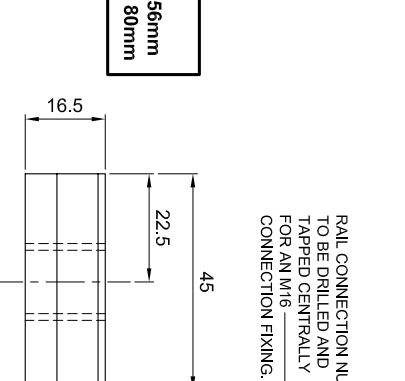


CRANKED MAIN RAIL.

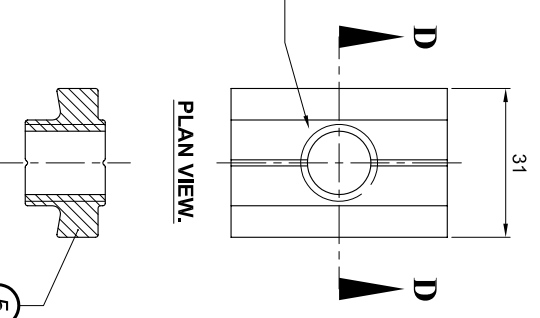
1No. M8x30mm LONG HEXAGONAL HEAD STAINLESS STEEL SET PINS WITH M8 FLAT WASHER FORM 'A', M8 SPRING WASHER TYPE 'B' AND M8 NYLON FLAT WASHER.



SECTION B-B.

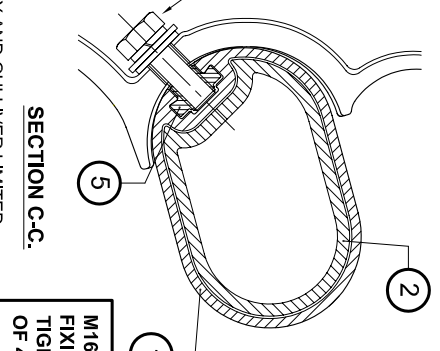


ELEVATION ON RAIL CONNECTION NUT. (2No. REQUIRED PER POST TO RAIL CONNECTION.)



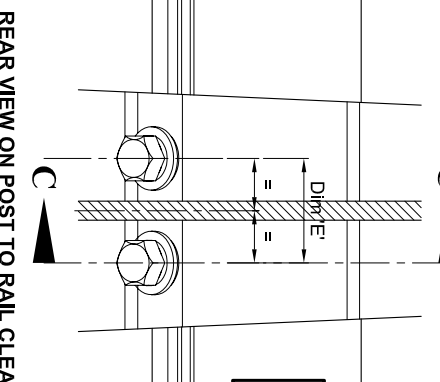
PLAN VIEW.

DIMENSION 'E'.
MIDDLE MAIN RAIL = 56mm
BOTTOM MAIN RAIL = 80mm



SECTION C-C.

M16 POST TO RAIL FIXINGS TO BE TIGHTENED TO A TORQUE OF 40Nm (30 lb ft).



REAR VIEW ON POST TO RAIL CLEAT.

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.287-2 AND BS.EN.288-4 RESPECTIVELY.
3/ FABRICATION TO BE IN ACCORDANCE WITH BS.8118-2.

SECTION SCHEDULE

NO.	DESCRIPTION	SECTION
1	MAIN RAIL SECTION	110931
2	RAIL JOINT SECTION	110932
3	PEDESTAL RAIL SECTION	110934
4	PEDESTAL RAIL JOINT SECTION	110935
5	RAIL CONNECTION NUT SECTION	110935

SCALE	DATE	DRN	P.G.H.	CHK	D.V.C.
	02/04/2007.				

MANUFACTURING TOLERANCES.
TOLERANCES AS SHOWN UNLESS STATED OTHERWISE.
DIMENSIONS: TOLERANCES:
GREATER THAN 1000mm: ± 2mm
LESS THAN 1000mm: ± 1mm
ANGULAR DIMENSIONS: ± 0°15'

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.

V&G
Varley and Gulliver Ltd.
Alfred Street, Sparkbrook,
Birmingham B12 8JK
Tel: 44 (0) 121 773 2441
Fax: 44 (0) 121 766 6875
Website: www.v-and-g.co.uk

DRAWING NUMBER
VGAN 300 - 02.A. (ME).