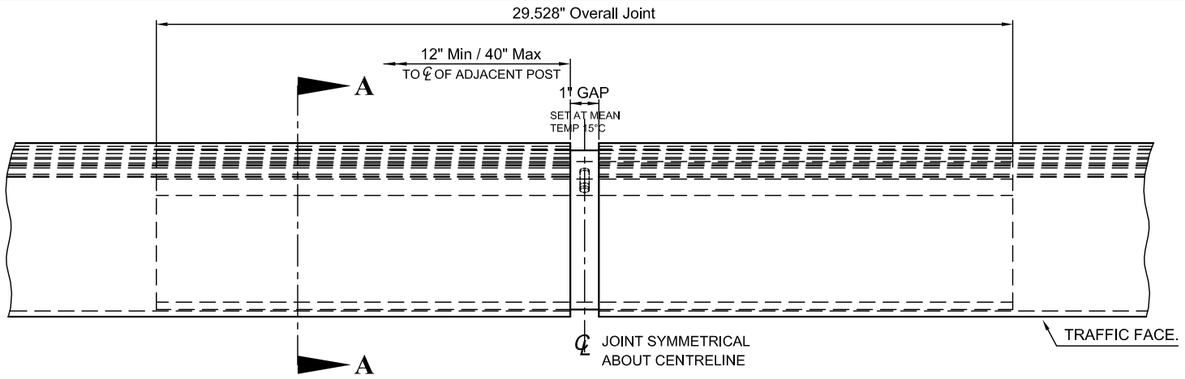
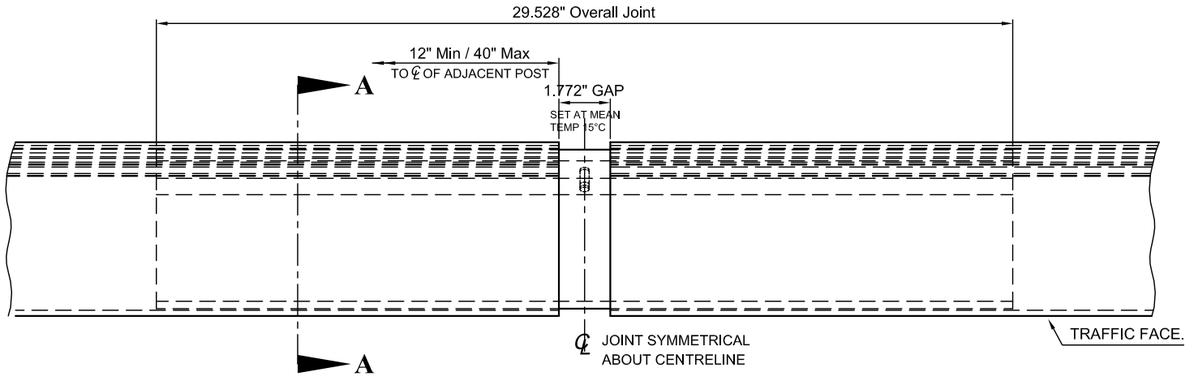
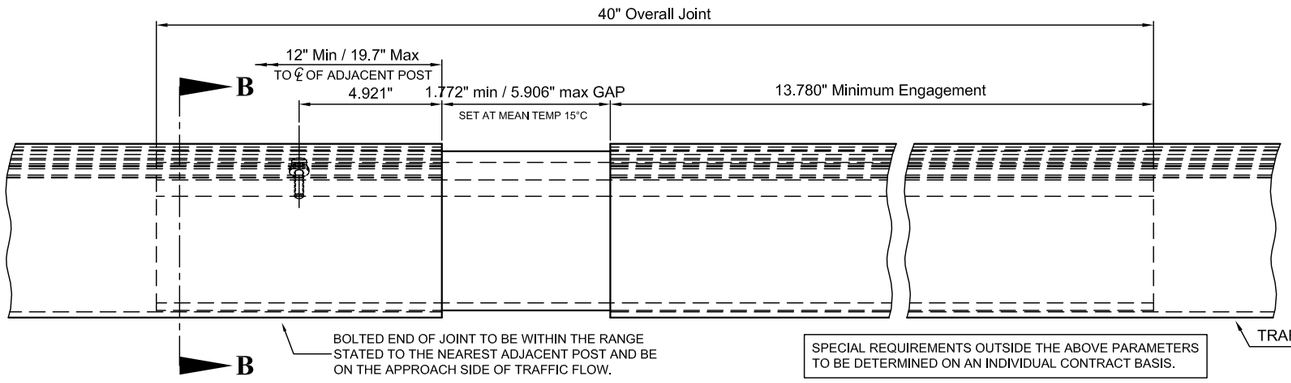


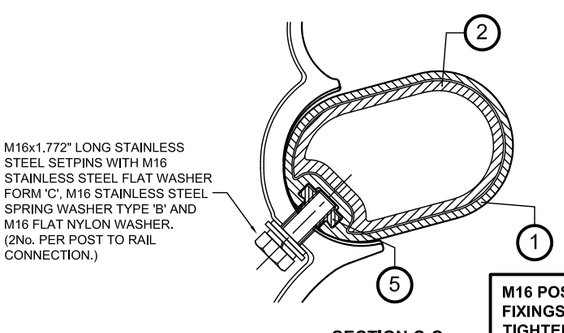
STANDARD RAIL JOINT TYPE 1.



EXPANSION RAIL JOINT TYPE 2 - FOR MOVEMENT RANGE UPTO +/- 1".

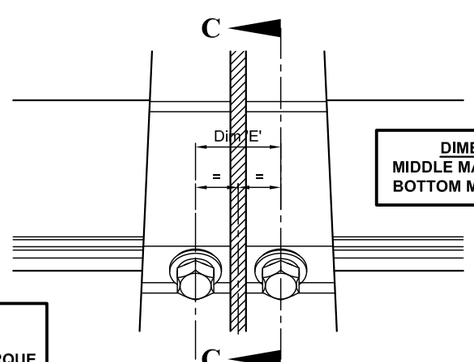


EXPANSION RAIL JOINT TYPE 3 - NO TENSION EXPANSION JOINT FOR MOVEMENT OVER +/- 1" UPTO +/- 5.906".



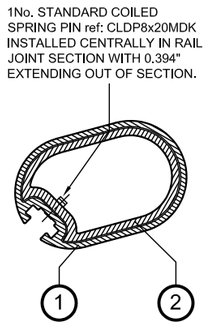
SECTION C-C.

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



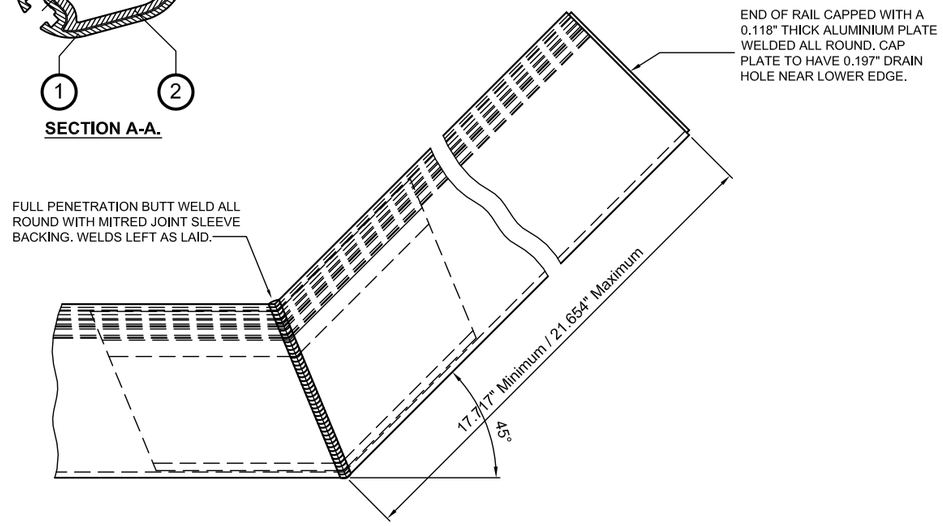
REAR VIEW ON POST TO RAIL CLEAT.

DIMENSION 'E'.
MIDDLE MAIN RAIL = 2.205"
BOTTOM MAIN RAIL = 3.15"

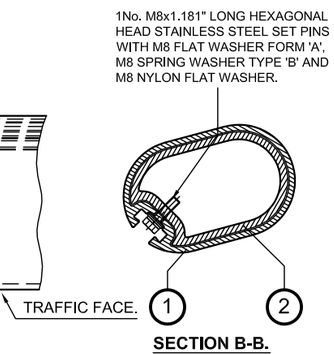


SECTION A-A.

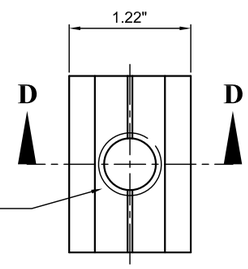
MATERIAL SPECIFICATION.			
ITEM	**SPECIFICATION**	**ITEM**	**SPECIFICATION**
RAIL CAPS.	**ALUMINIUM PLATES / SHEETS ARE TO BE ALUMINIUM ALLOY EN AW5083 O IN ACCORDANCE WITH BS.EN.485-1, BS.EN.485-2, BS.EN.485-3 AND BS.EN.485-4.**	**BOLTS.**	**ALL BOLTS / SETPINS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.ISO.3506-1 GRADE A4/80.**
		NUTS.	**ALL NUTS TO CONFORM TO BS.3692 AND BE STAINLESS STEEL TO BS.EN.ISO.3506-2 GRADE A4.**
STANDARD COILED SPRING PINS.	**STANDARD COILED SPRING PINS IN STAINLESS STEEL TO BS.EN.ISO.8750.**	**PLAIN WASHERS.**	**WASHERS TO BE M20 FORM 'B' AND M16 FORM 'C' CONFORMING TO BS.4320 AND BE STAINLESS STEEL TO BS.EN.ISO.3506 GRADE A4 OR A2.**



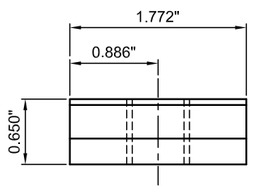
CRANKED MAIN RAIL.



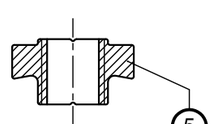
SECTION B-B.



PLAN VIEW.



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



SECTION D-D.

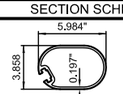
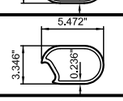
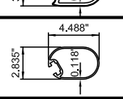
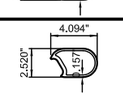
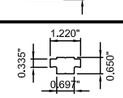
GENERAL NOTES.

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

1		MAIN RAIL SECTION 110931
2		RAIL JOINT SECTION 110932
3		PEDESTRIAN RAIL SECTION 110934
4		PEDESTRAIN RAIL JOINT SECTION 110935
5		RAIL CONNECTION NUT SECTION 110933

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

TITLE
STANDARD ARRANGEMENT DRAWINGS OF VGAN 300 SERIES ALUMINIUM PARAPET SYSTEM.
VGAN 301.

Rev	Date	By	Description

MANUFACTURING TOLERANCES.

TOLERANCES AS SHOWN UNLESS STATED OTHERWISE.

DIMENSIONS.	TOLERANCES.
GREATER THAN 39.370".	± 0.079"
LESS THAN 39.370".	± 0.039"
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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MDS Barriers
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East Hartford CT 06108
Tel: 860-906-3390
Fax: 860-289-8035
e-mail: info@MDSbarriers.com

DRAWING NUMBER

VGAN 300 (US) - 02.

ALL DIMENSIONS IN MM.