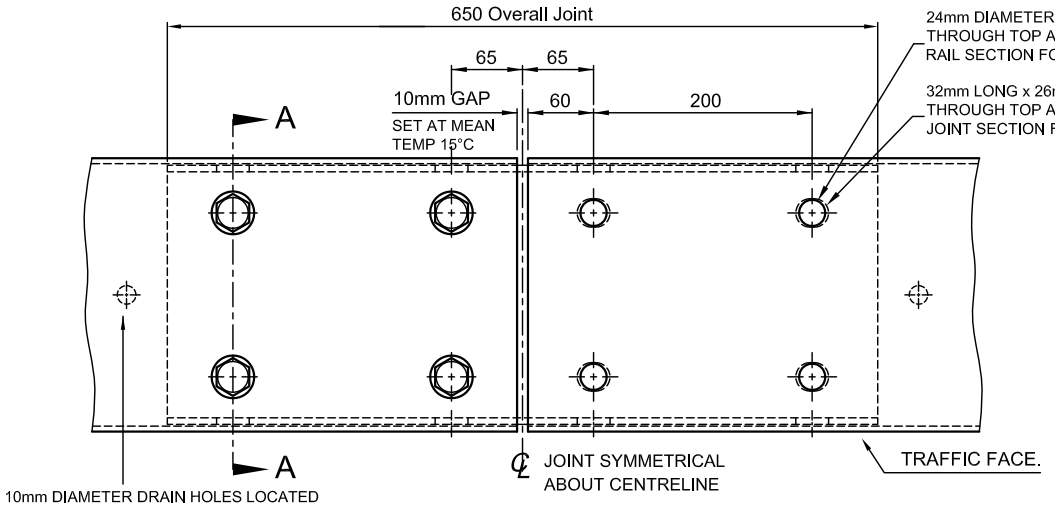
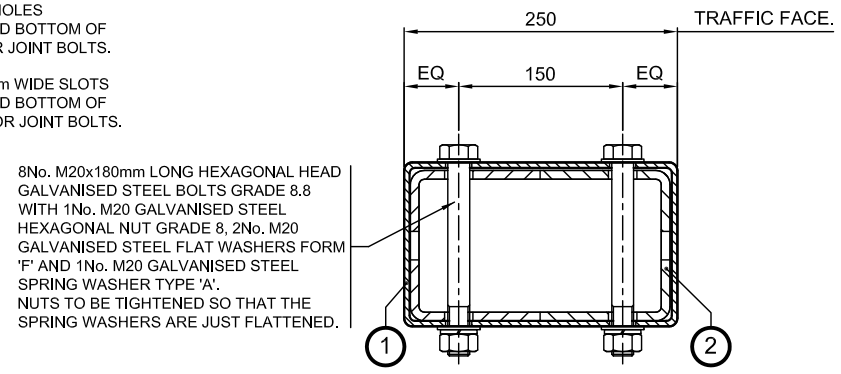
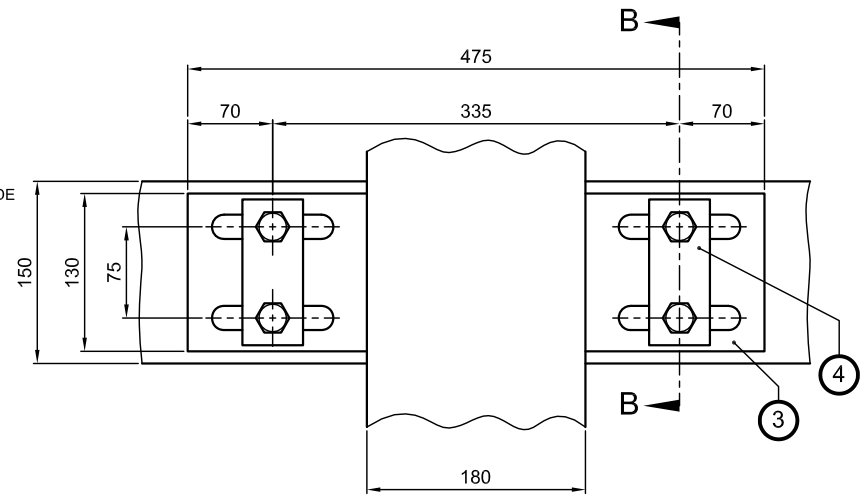


STANDARD RAIL JOINT TYPE 1.

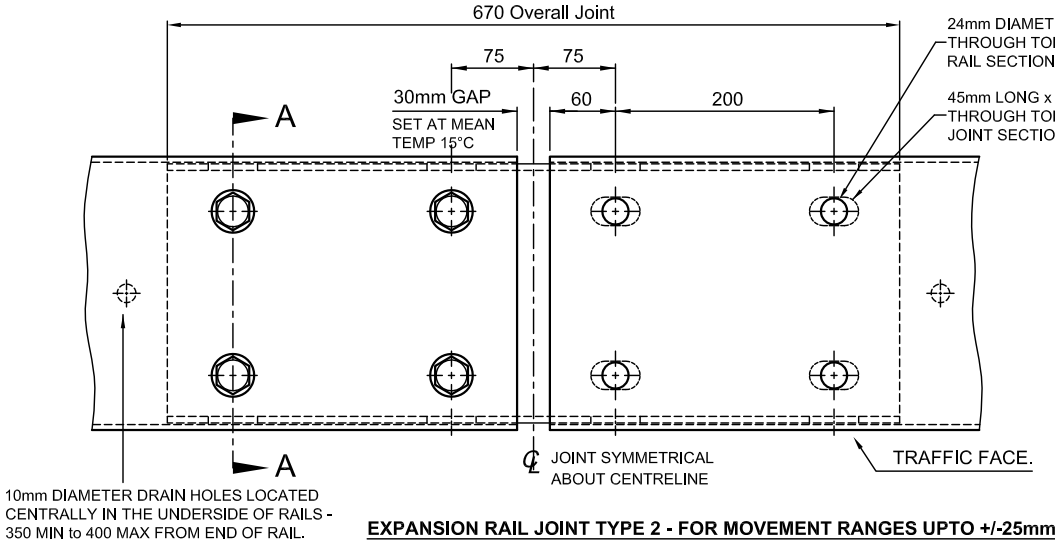


SECTION A-A.

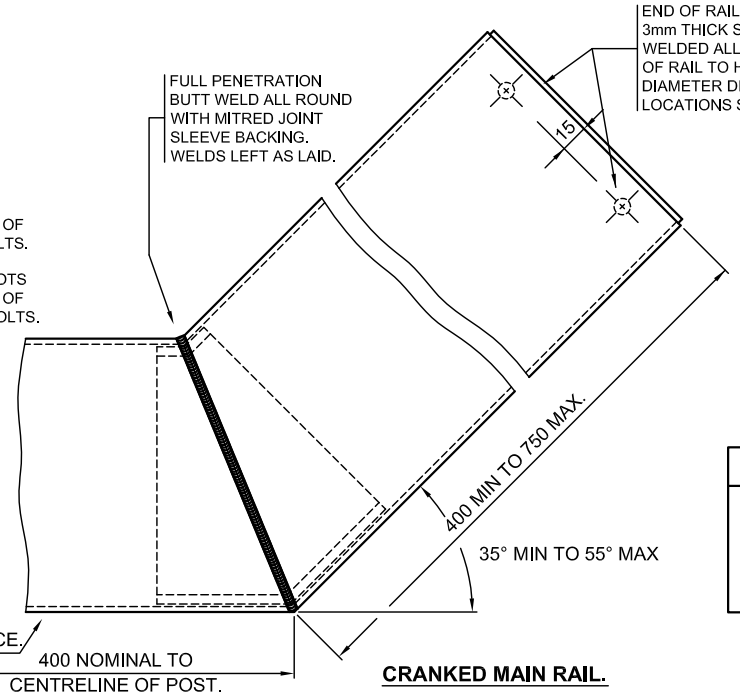
MATERIAL SPECIFICATION.			
ITEM	**SPECIFICATION**	**ITEM**	**SPECIFICATION**
RAIL JOINTS.	ALL STEEL SECTIONS ARE TO BE IN ACCORDANCE WITH BS.EN.10025-1 AND BS.EN.10025-2. RAIL JOINTS TO BE GRADE S355JO, POST CLEATS AND WASHER PLATES TO BE GRADE S275JO.	BOLTS.	M20 JOINT BOLTS TO GALVANISED STEEL TO CONFORM TO BS.3692 AND BS.EN.ISO.4017 GRADE 8.8. M16 SETPINS TO BE GALVANISED STEEL TO CONFORM TO BS.3692 AND BS.EN.ISO.4014 GRADE 8.8. *
POST CLEAT.		NUTS.	M20 NUTS TO BE GALVANISED STEEL TO CONFORM TO BS.3692 AND BS.EN.ISO. 4032 GRADE 8.
WASHER PLATE.		WASHERS.	GALVANISED PLAIN WASHERS TO BE M20 FORM 'F' AND M16 FORM 'G' CONFORMING TO BS.4320. GALVANISED SPRING WASHERS TO BE TYPE 'A' TO BS.4464.



REAR VIEW ON MIDDLE RAIL CONNECTION TO POST.
(TOP RAIL SIMILAR.)



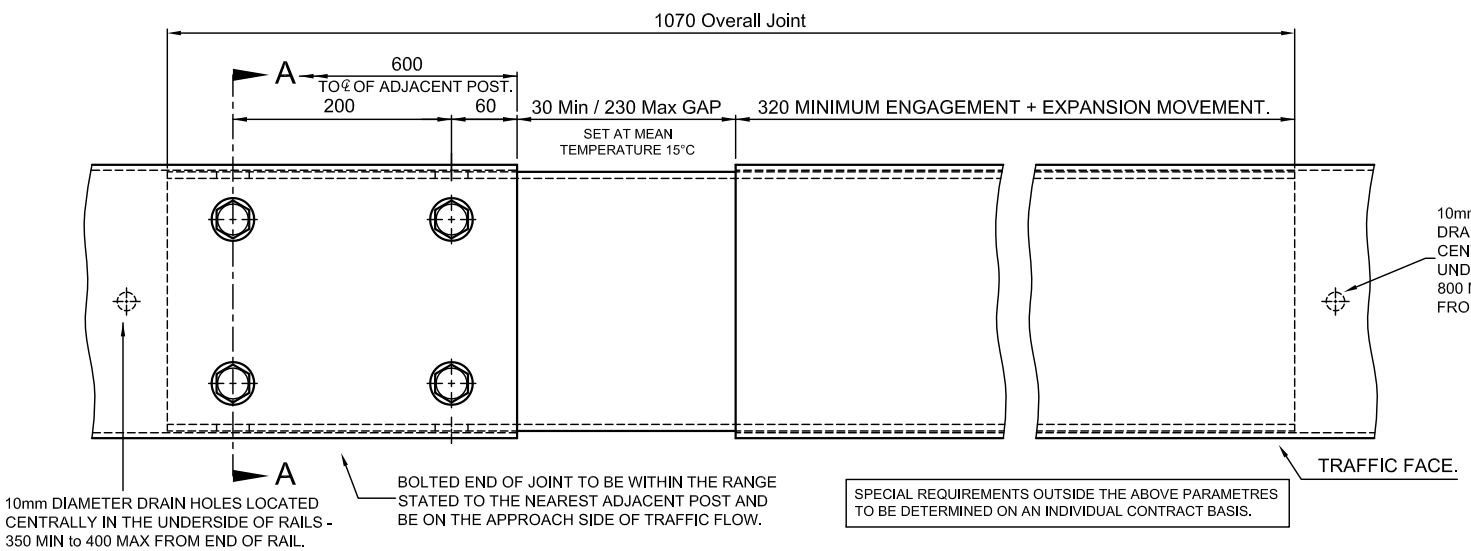
EXPANSION RAIL JOINT TYPE 2 - FOR MOVEMENT RANGES UPTO +/-25mm.



CRANKED MAIN RAIL.

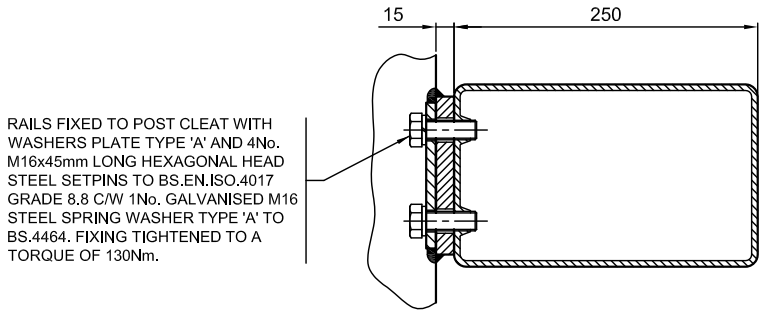
GENERAL NOTES.
1/. ALL STEEL WELDING TO BE IN ACCORDANCE WITH BS.EN.1011-2.
2/. WELDERS AND WELDING PROCEDURES ARE IN ACCORDANCE WITH BS.EN.287-1 AND BS.EN.ISO.15607 RESPECTIVELY.

*** ALTERNATIVE FIXINGS:**
AS A COST OPTION - IF THE PARAPET FINISH IS HOT DIPPED GALVANISED ONLY ALL FIXINGS CAN BE STAINLESS STEEL TO BS.EN.ISO.3506-1 GRADE A4/80 SUPPLIED WITH APPROPRIATE NYLON ISOLATION WASHERS.

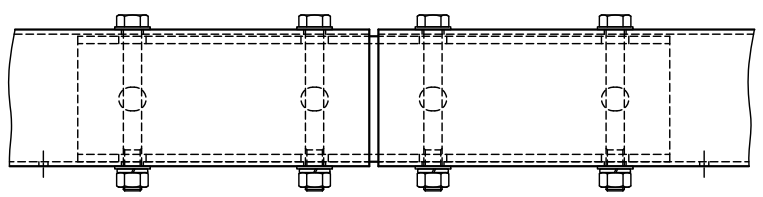


SPECIAL REQUIREMENTS OUTSIDE THE ABOVE PARAMETRES TO BE DETERMINED ON AN INDIVIDUAL CONTRACT BASIS.

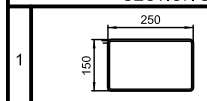
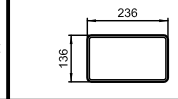
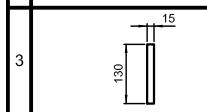
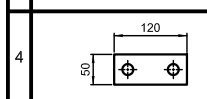
EXPANSION RAIL JOINT TYPE 3 - NO TENSION EXPANSION JOINT FOR MOVEMENT OVER +/-25mm UPTO +/- 200mm.



SECTION B-B.



TRAFFIC FACE ELEVATION ON JOINT SHOWING FASCIA ATTACHMENT LOCATIONS.

SECTION SCHEDULE		
1		RAIL SECTION 250x150x5,0 RHS
2		JOINT SECTION 236x136x6.0
3		POST CLEAT 475x130x15 PLATE
4		WASHER PLATE TYPE 'A' - 120x50x8

SCALE		DATE	29/06/2012
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 VGSH 4000 SERIES STEEL PARAPET SYSTEM.
RAIL CONNECTION DETAILS. (TOP & MID)

DRAWING NUMBER
VGSH 4000 - 03.

ALL DIMENSIONS IN MM.

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