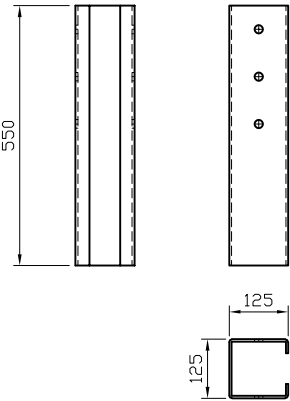
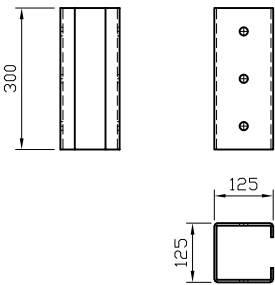


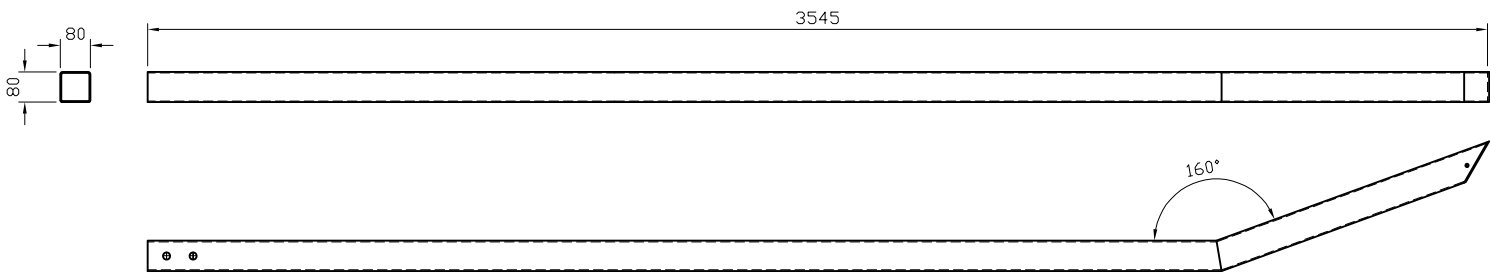
SR028 - 'A' PROFILE CORRUGATE BEAM (3MM)



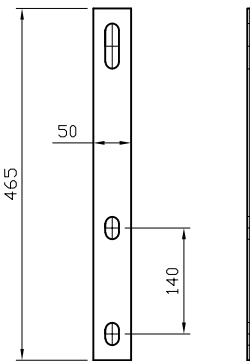
SR783 - SAFEFLEX TRANSITION
LONG CRUSH BRACKET



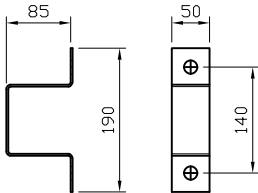
SR782 - SAFEFLEX TRANSITION
SHORT CRUSH BRACKET



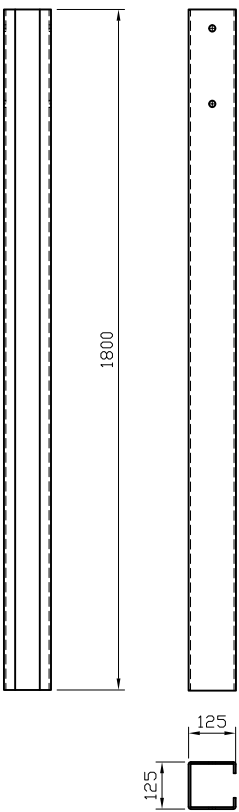
SR786 - SAFEFLEX TRANSITION
FLARED RUBBING RAIL



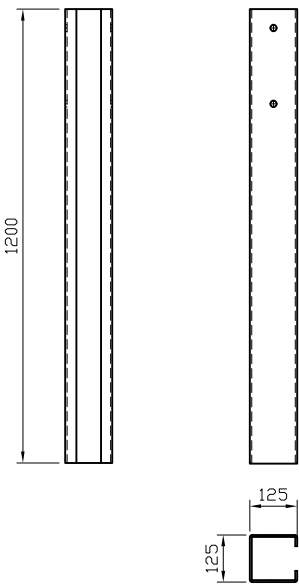
SR784 - SAFEFLEX TRANSITION
RUBBING RAIL HANGING BRACKET



SR785 - SAFEFLEX TRANSITION
RUBBING RAIL TOP HAT BRACKET

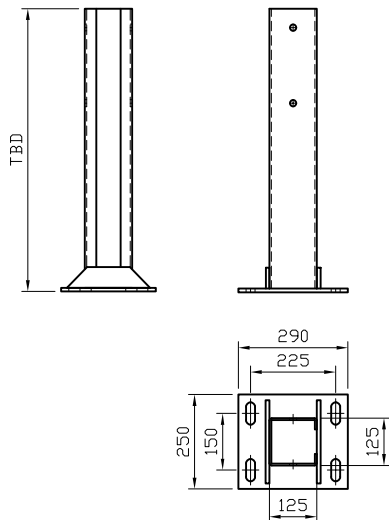


SR788 - SAFEFLEX TRANSITION
C125x125 DRIVEN POST

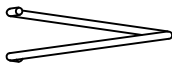


SR789 - SAFEFLEX TRANSITION
C125x125 SOCKETED POST

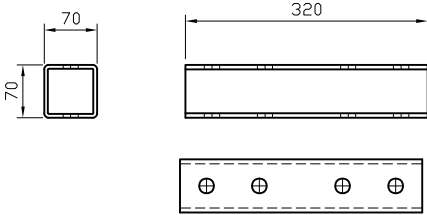
SURFACE MOUNTED POSTS
FABRICATED AS REQUIRED.
HEIGHT TO BE DETERMINED



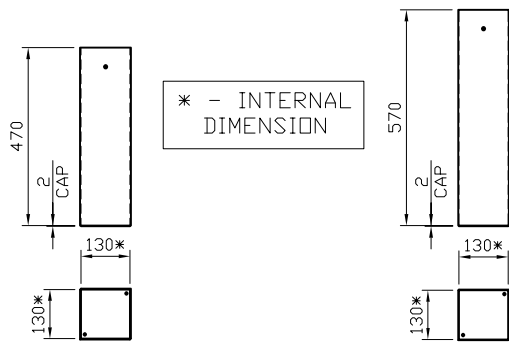
SAFEFLEX TRANSITION C125x125
SURFACE MOUNTED POST



SR100 - REINFORCING RING



SR787 - SAFEFLEX TRANSITION
RUBBING RAIL CONNECTION JOINT



SR184 - C125x125
POST SOCKET 470MM

SR185 - C125x125
POST SOCKET 570MM

CONNECTING SYSTEM SPECIFIC COMPONENTS
SUCH AS; SAFETY FENCE CONNECTORS,
CONNECTION JOINTS ETC. ARE DETAILED WITHIN
SYSTEM INSTALLATION SCHEMATICS

REVn	DATE	DETAILS	INITIAL
02	30/07/26	CRUSH BRACKET CODE UPDATE	H.B
01	28/11/24	QUANTITIES REMOVED	H.B
00	29/04/24	DRAWING CREATED	H.B

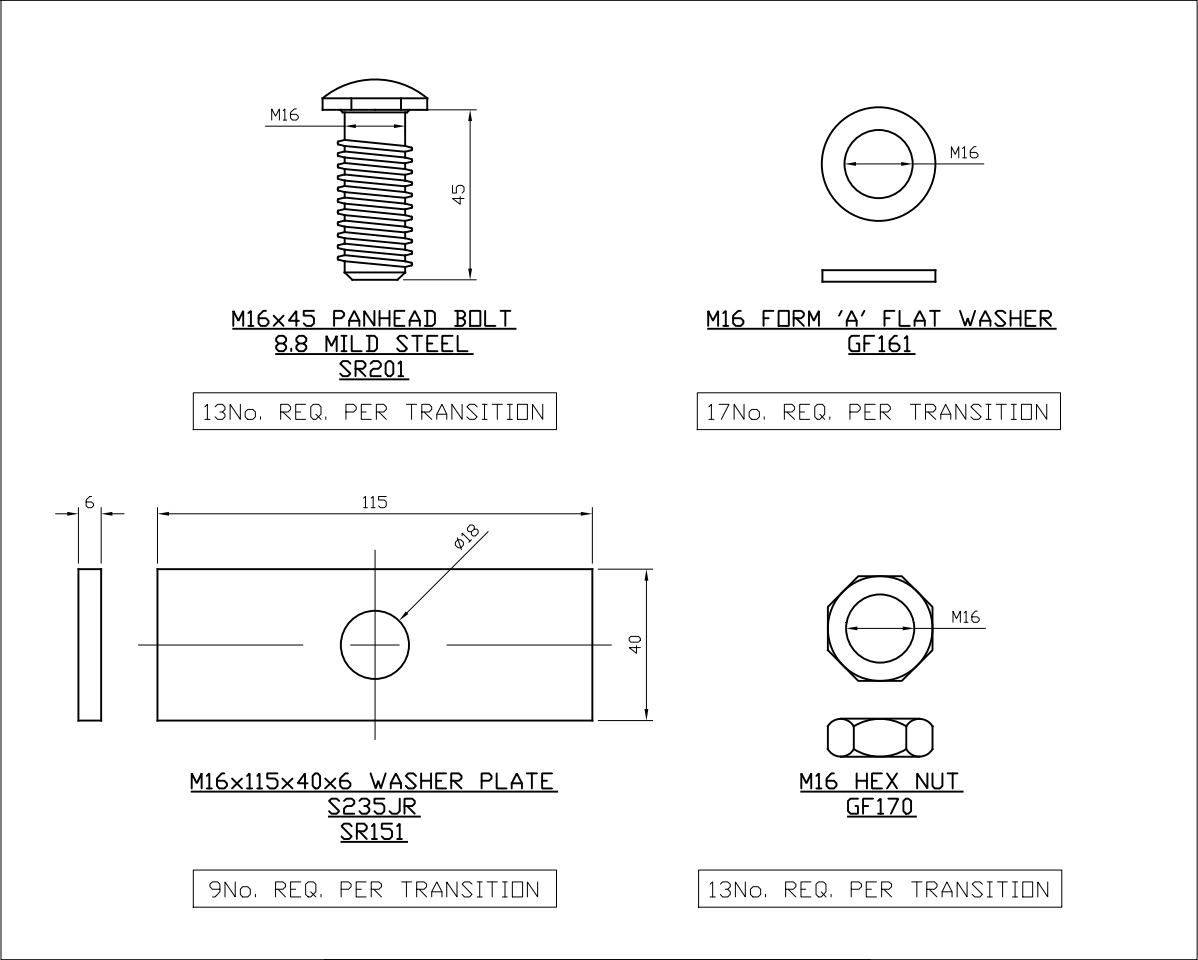
SAFEFLEX TRANSITION

COMPONENTS SCHEMATIC



CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
T: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
SF-GA-00	02



13No. REQ. PER TRANSITION

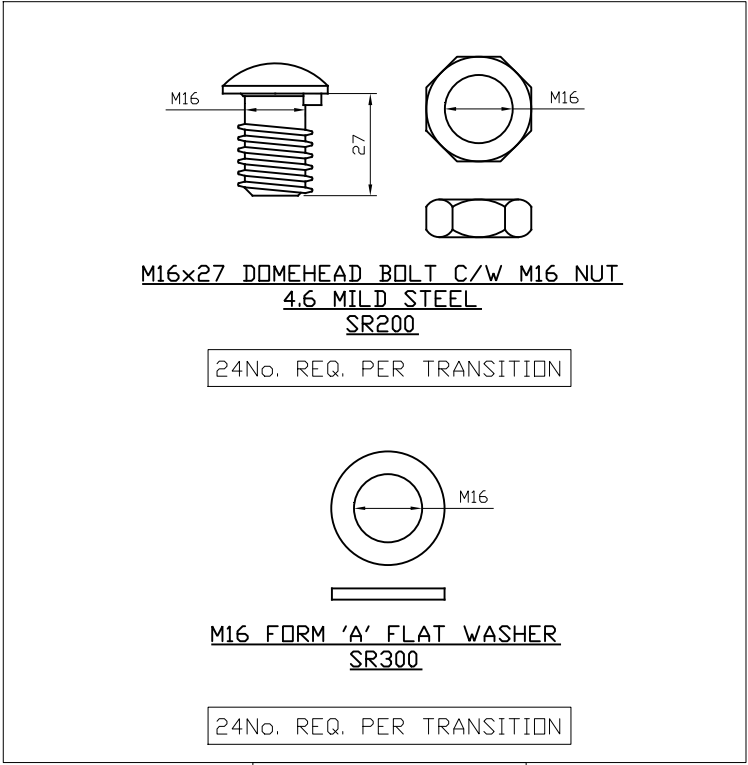
17No. REQ. PER TRANSITION

9No. REQ. PER TRANSITION

13No. REQ. PER TRANSITION

BEAM TO SPACER FIXINGS
RUBBING RAIL HANGING BRACKET FIXINGS

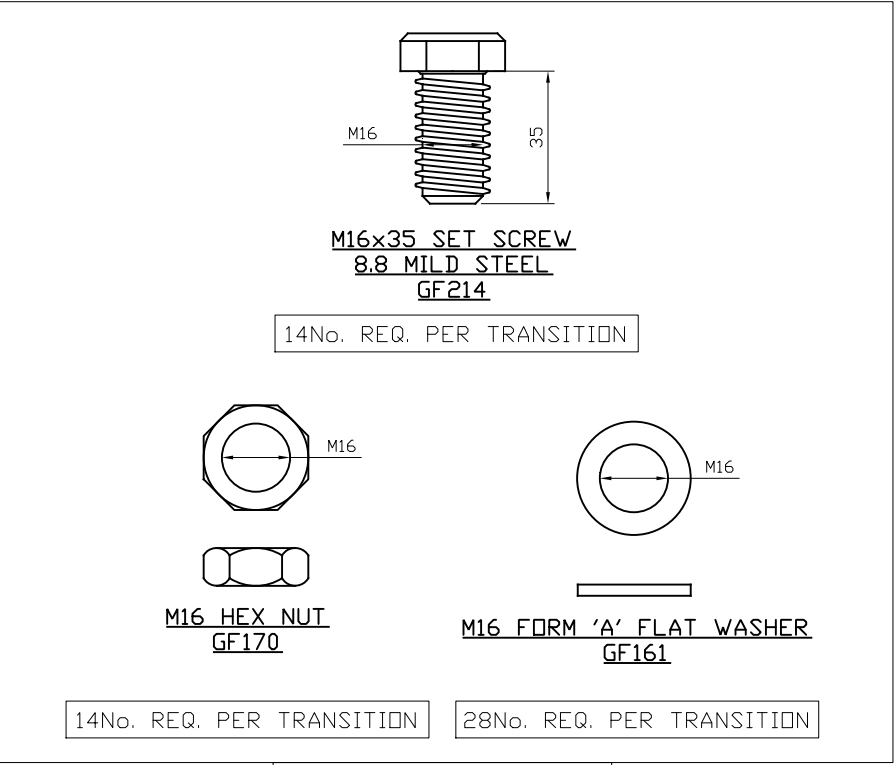
CONNECTING SYSTEM SPECIFIC FIXINGS, SUCH AS; SAFETY FENCE CONNECTORS FIXINGS, CONNECTION JOINT FIXINGS ETC. ARE DETAILED WITHIN SYSTEM INSTALLATION SCHEMATICS



24No. REQ. PER TRANSITION

24No. REQ. PER TRANSITION

BEAM LAP FIXINGS



14No. REQ. PER TRANSITION

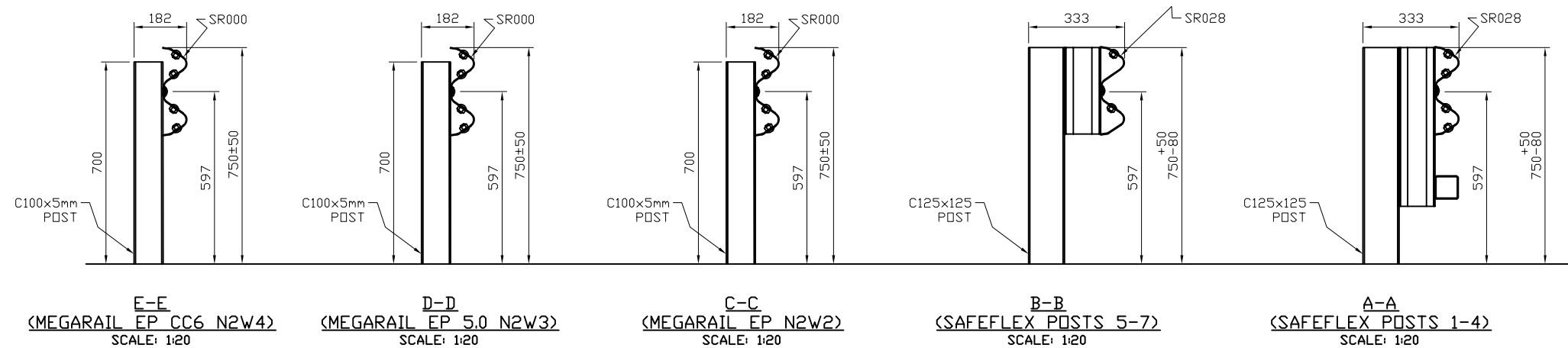
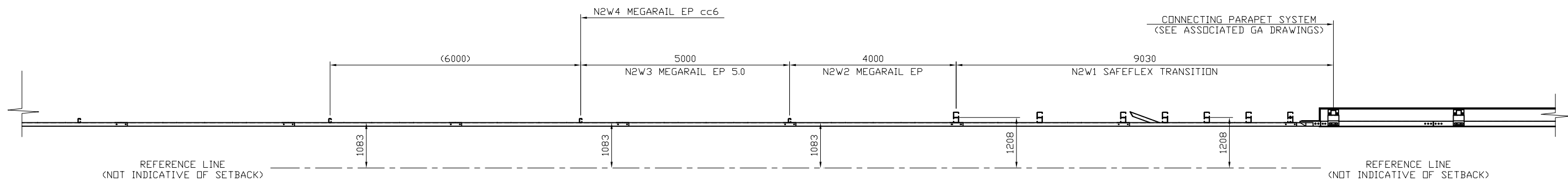
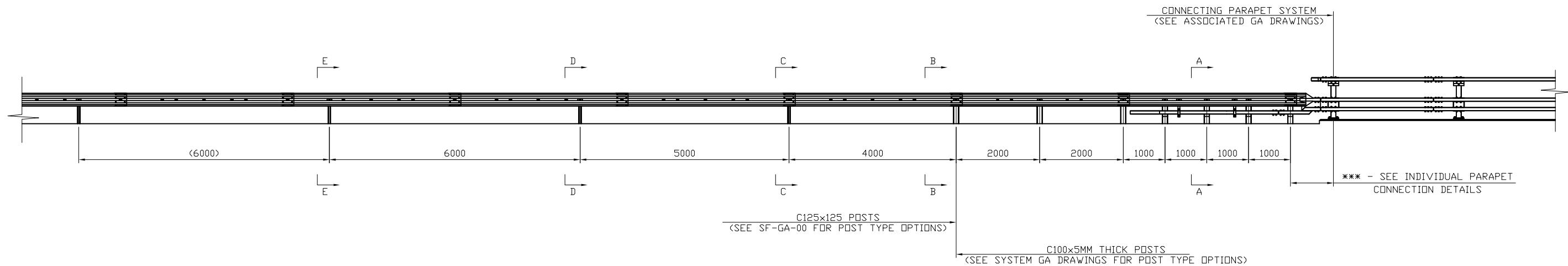
14No. REQ. PER TRANSITION

28No. REQ. PER TRANSITION

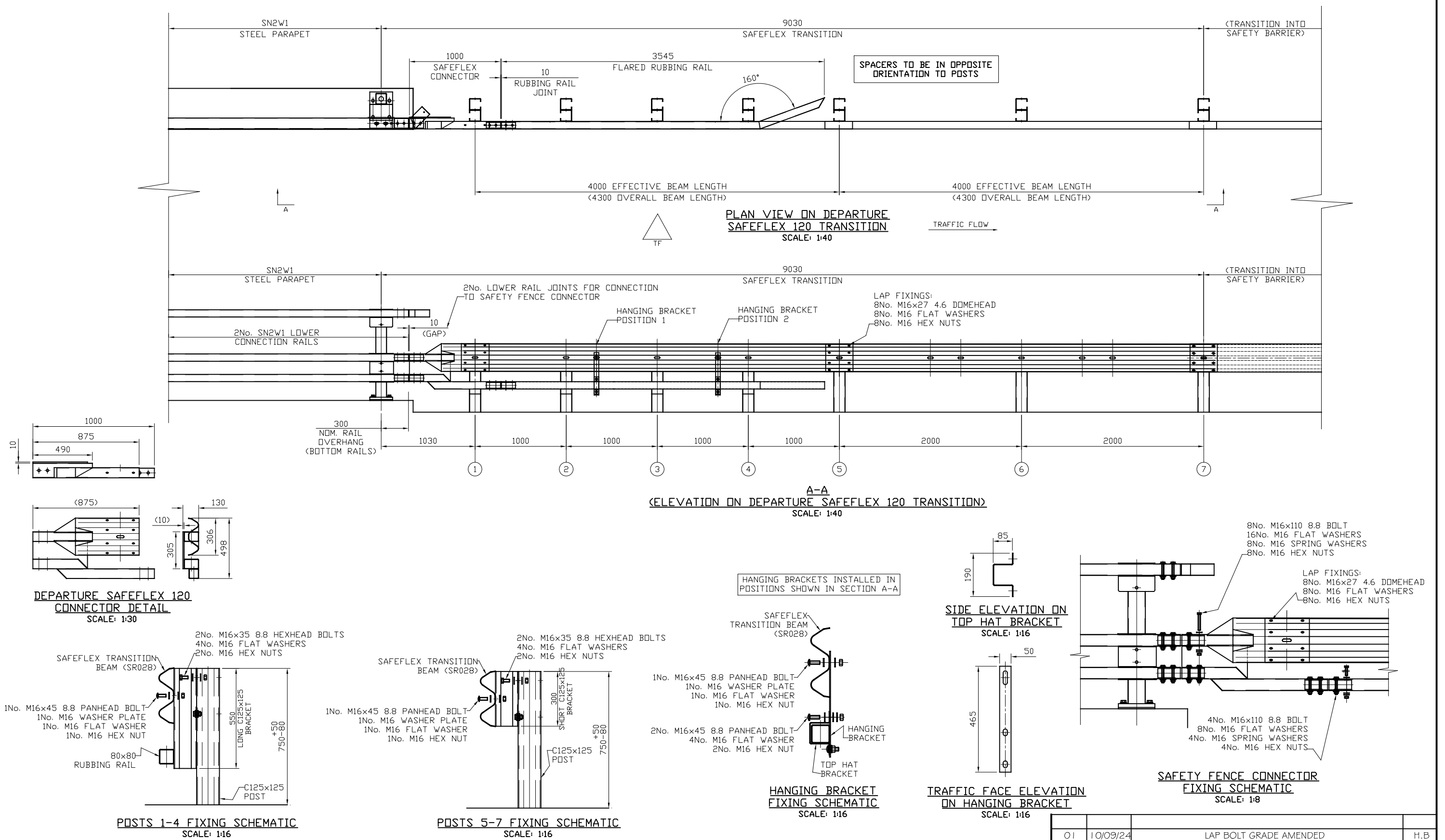
POST TO SPACER FIXINGS

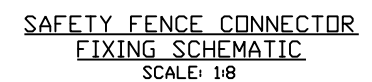
01	10/09/24	M16x27 GRADE AMENDMENT	H.B
00	29/04/24	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL
SAFEFLEX TRANSITION			
FIXINGS SHEET			
SAFEROAD			
CONCORD HOUSE, BESSEMER WAY, SCUNTHORPE, NORTH LINCOLNSHIRE, DN15 8XE T: 01724 289119 FOR TECHNICAL ASSISTANCE CONTACT john.cudlipp@saferoad.co.uk			
DRAWING NUMBER:			REVn:
SF-GA-01			01

SEE SAFEROAD MANUAL FOR
FOUNDATION/POST TYPE OPTIONS

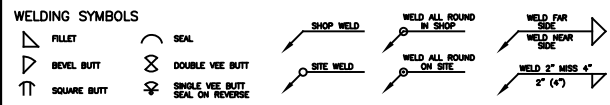


01	30/07/26	GENERAL DRAWING UPDATE	H.B
00	22/11/24	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL
SAFEFLEX TRANSITION			
SYSTEM PROGRESSION TO N2W4 EP CC6			
			
CONCORD HOUSE, BESSEMER WAY, SCUNTHORPE, NORTH LINCOLNSHIRE, DN15 8XE T: 01724 289119 FOR TECHNICAL ASSISTANCE CONTACT john.cudlipp@saferoad.co.uk			
DRAWING NUMBER:			REVn:
SF-GA-02			01





TITLE:- SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN2W2 STEEL PARAPET



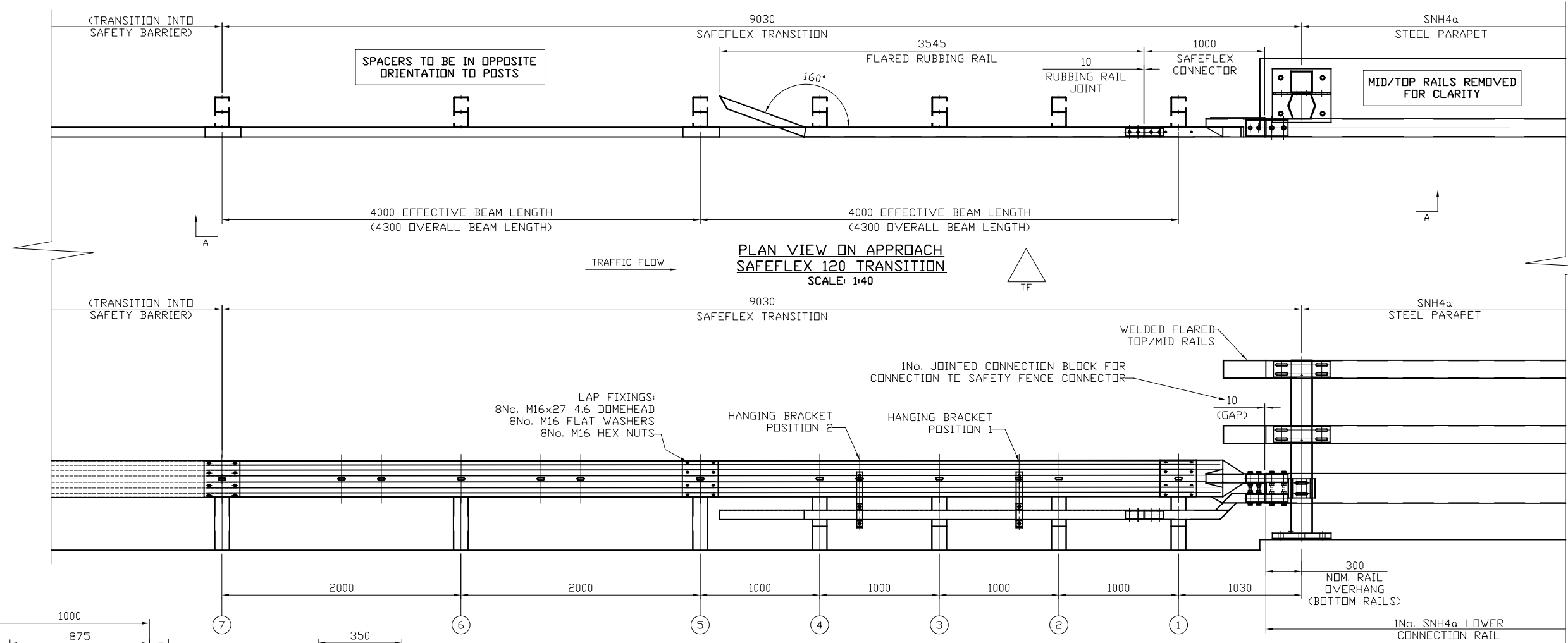
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015(0.4mm)

FABRICATION NOTES
TOLERANCES UNLESS
STATED OTHERWISE
± 0.062(1.5mm)

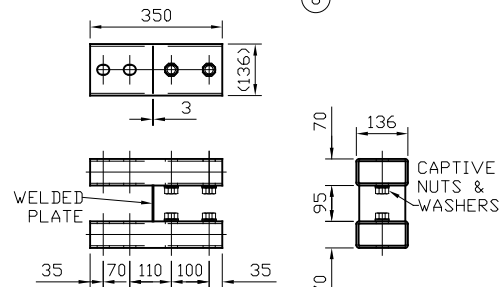
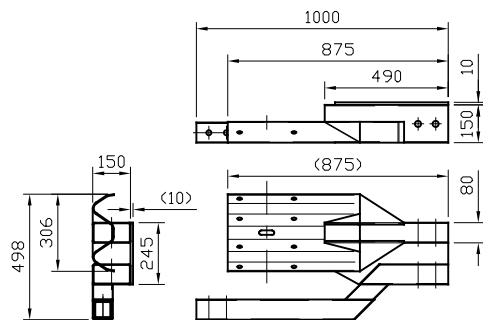
WELDING SPECIFICATION

IF IN DOUBT, ASK.

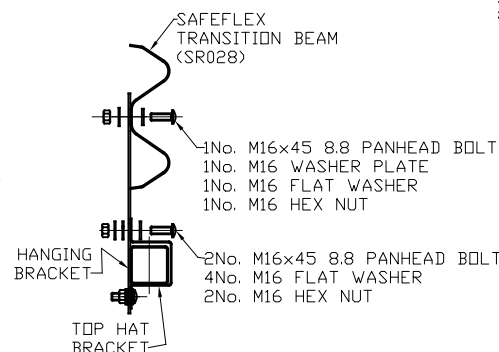
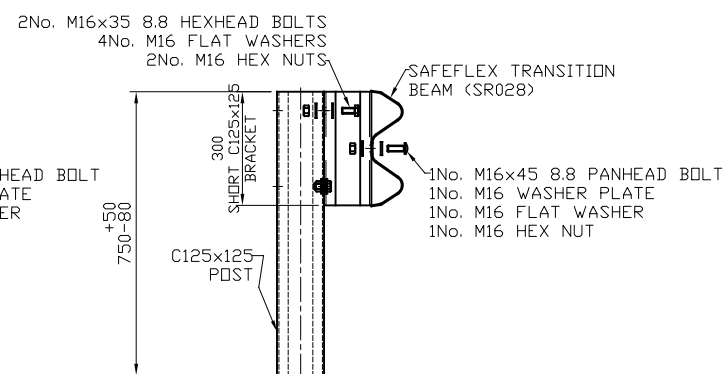
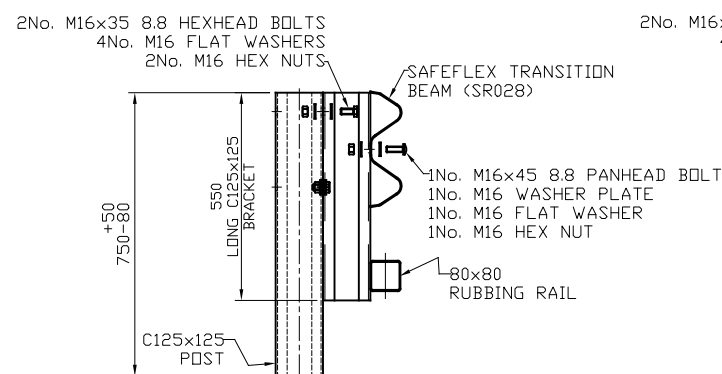
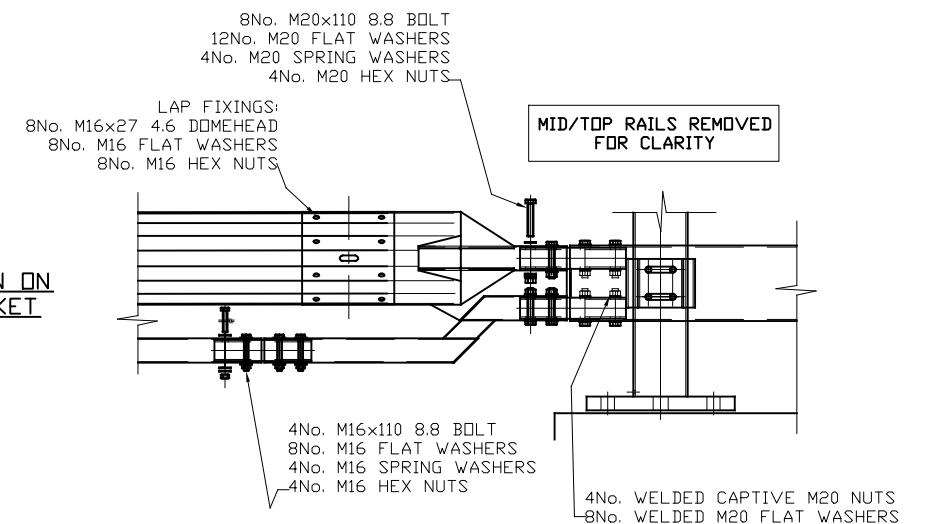
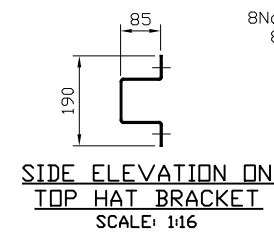
DRAWING NOT TO BE SCALED.



A-A
(ELEVATION ON APPROACH SAFEFLEX 120 TRANSITION)
SCALE: 1:40

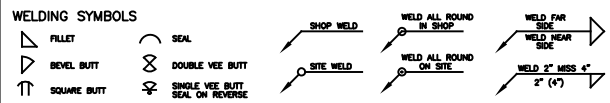


HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A



TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16

REV.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B
MATERIAL:--		DRAWN:-- H.BRYDON	CHECKED:-- J.C
PROJECTION:--		DATE:-- 27/02/24	SCALE:-- 1:40
DRG NO:--		UK 27086	REV:-- 01



MACHINING NOTES

MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL $\pm 0.015(0.4mm)$

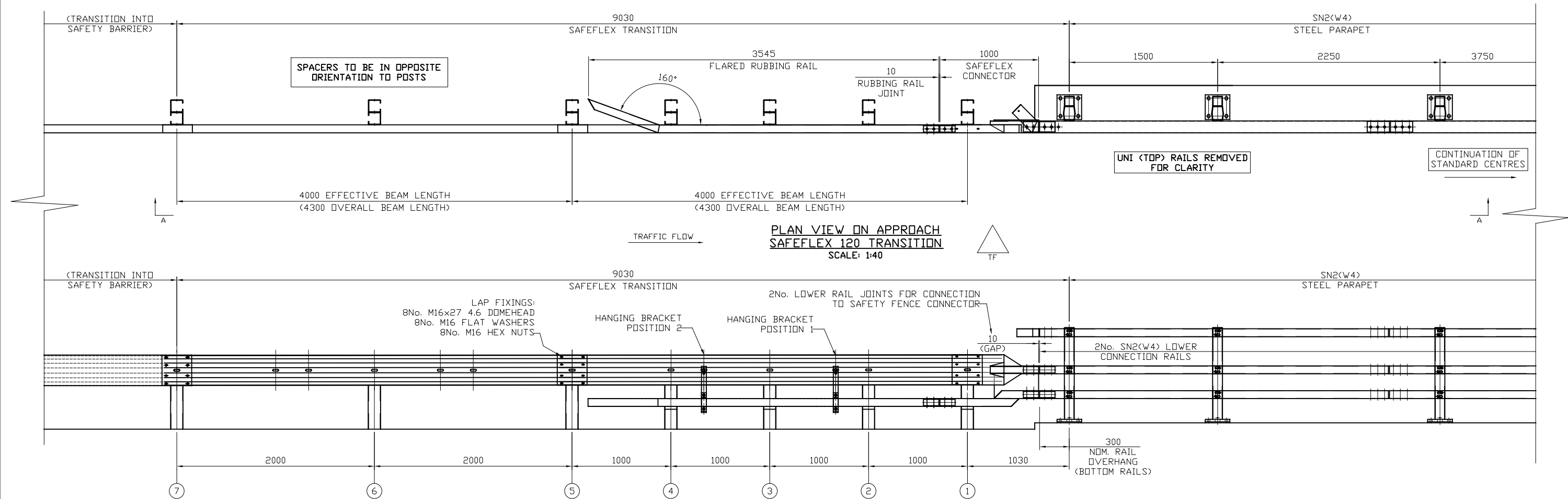
FABRICATION NOTES

TOLERANCES UNLESS
STATED OTHERWISE
 $\pm 0.062(1.5mm)$

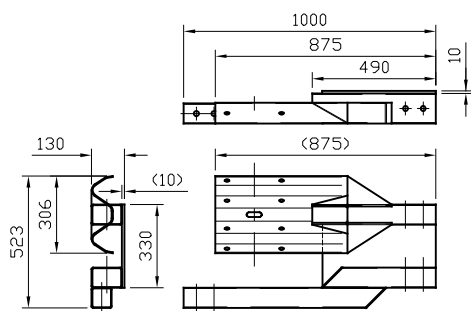
WELDING
SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

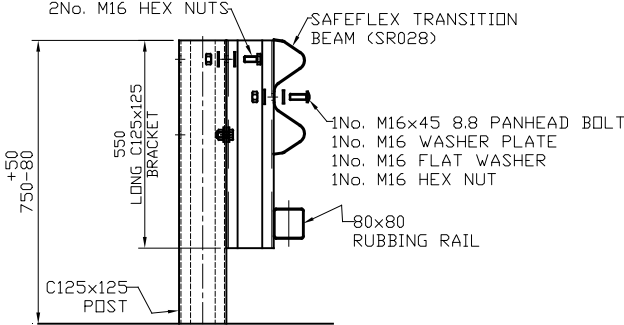


A-A
(ELEVATION ON APPROACH SAFEFLEX 120 TRANSITION)
SCALE: 1:40



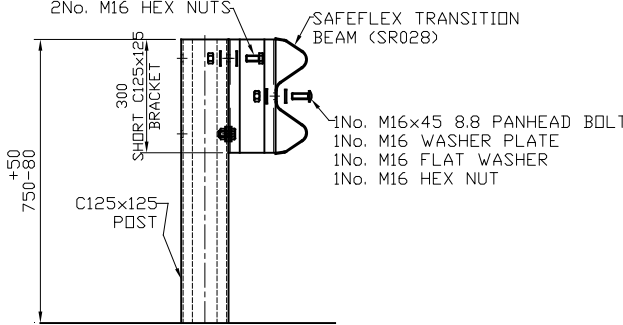
APPROACH SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

2No. M16x35 8.8 HEXHEAD BOLTS
4No. M16 FLAT WASHERS
2No. M16 HEX NUTS



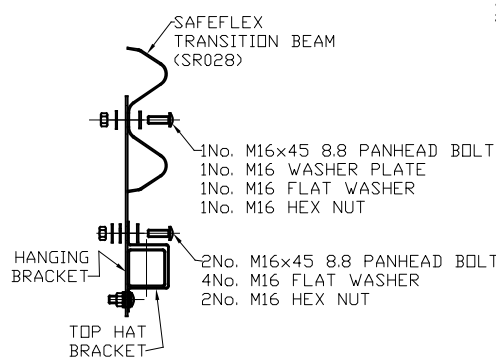
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

2No. M16x35 8.8 HEXHEAD BOLTS
4No. M16 FLAT WASHERS
2No. M16 HEX NUTS

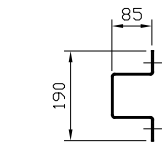


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

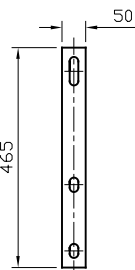
HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A



HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



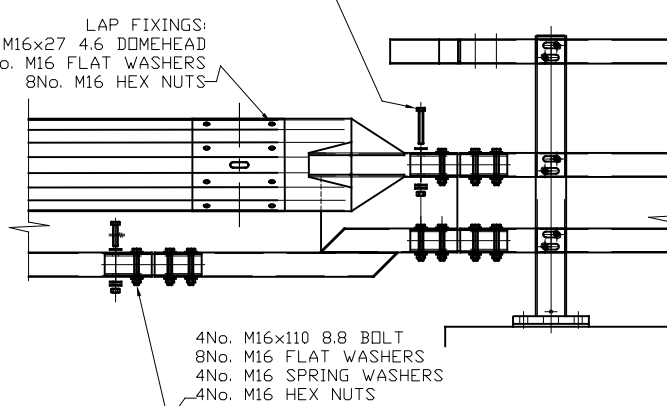
SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16



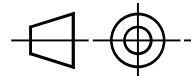
TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16

8No. M16x110 8.8 BOLT
16No. M16 FLAT WASHERS
8No. M16 SPRING WASHERS
8No. M16 HEX NUTS

LAP FIXINGS:
8No. M16x27 4.6 DOMEHEAD
8No. M16 FLAT WASHERS
8No. M16 HEX NUTS



SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:8



02	10/09/24	LAP BOLT GRADE AMENDED	H.B
01	08/04/24	ADDITIONAL PARAPET POST ADDED	H.B
REV.	DATE	REMARKS	SIG.

WELDING SYMBOLS

Fillet

Bevel Butt

Square Butt

Seal

Double Vee Butt

Single Vee Butt

Seal on Reverse

Shop Weld

Weld All Round in Shop

Weld All Round on Site

Weld Far Side

Weld Near Side

Weld 2" Min 4"

Weld 2" (4")

MACHINING NOTES

MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLERANCES UNLESS STATED OTHERWISE DIMENSIONAL $\pm 0.015(0.4mm)$

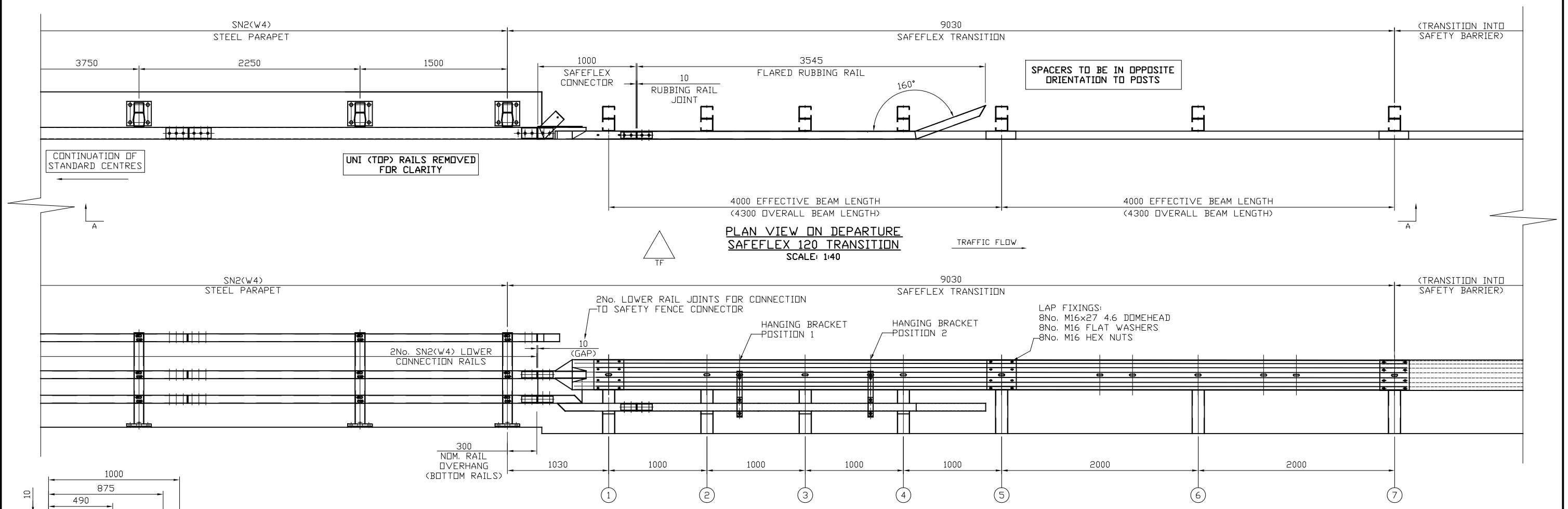
FABRICATION NOTES

TOLERANCES UNLESS STATED OTHERWISE $\pm 0.082(1.5mm)$

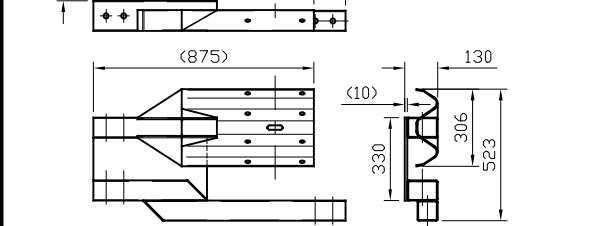
WELDING SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

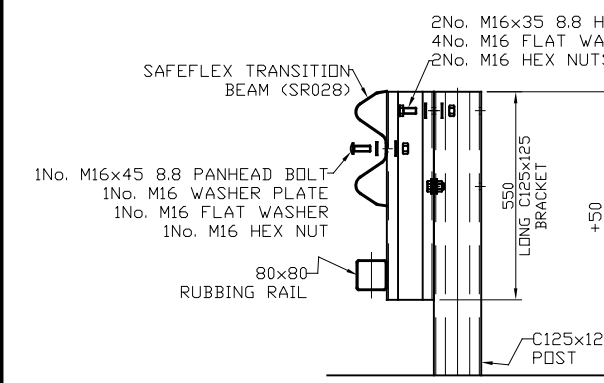


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

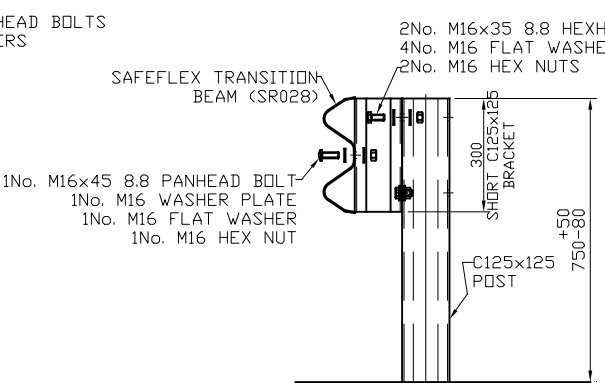


A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40

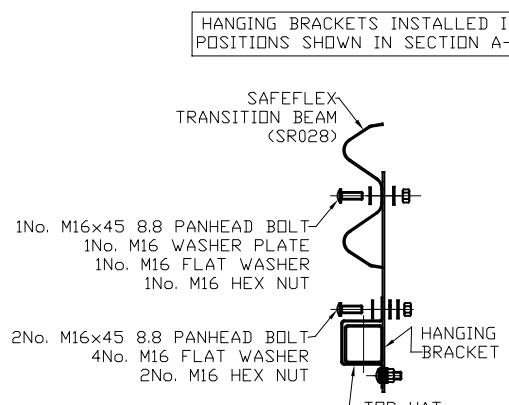
DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30



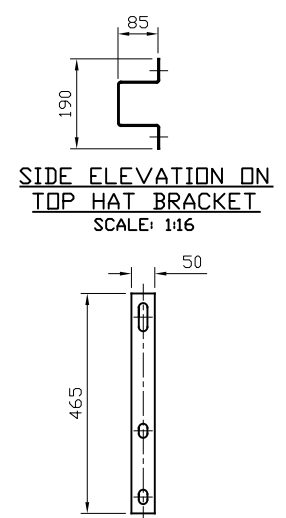
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



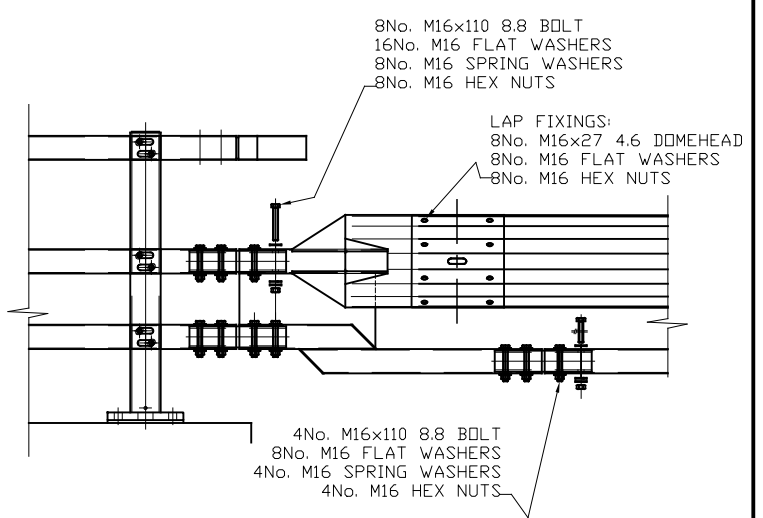
POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



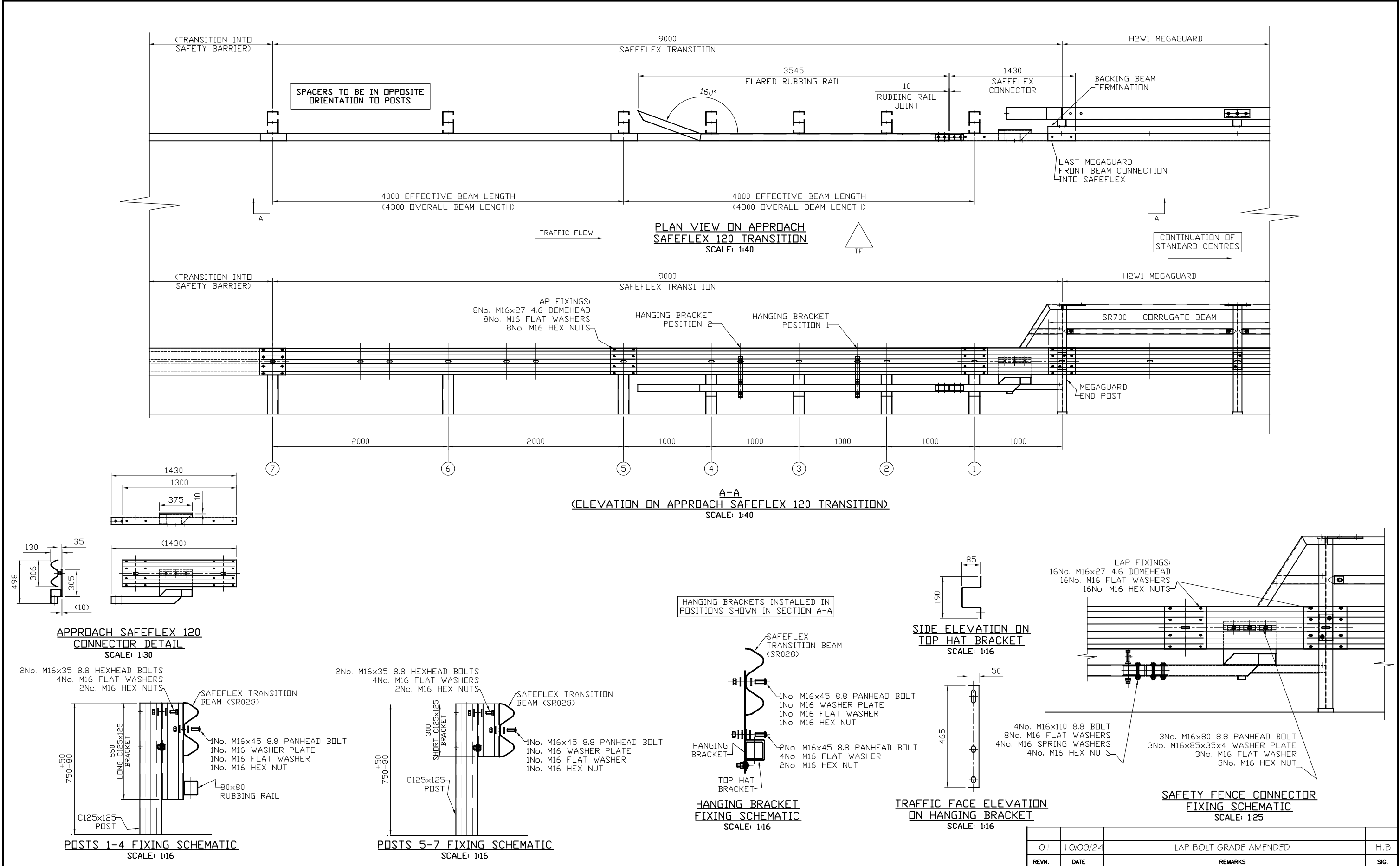
HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16



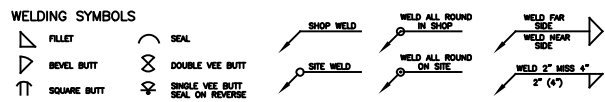
SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:8











MACHINING NOTES

MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL $\pm 0.015(0.4mm)$

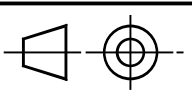
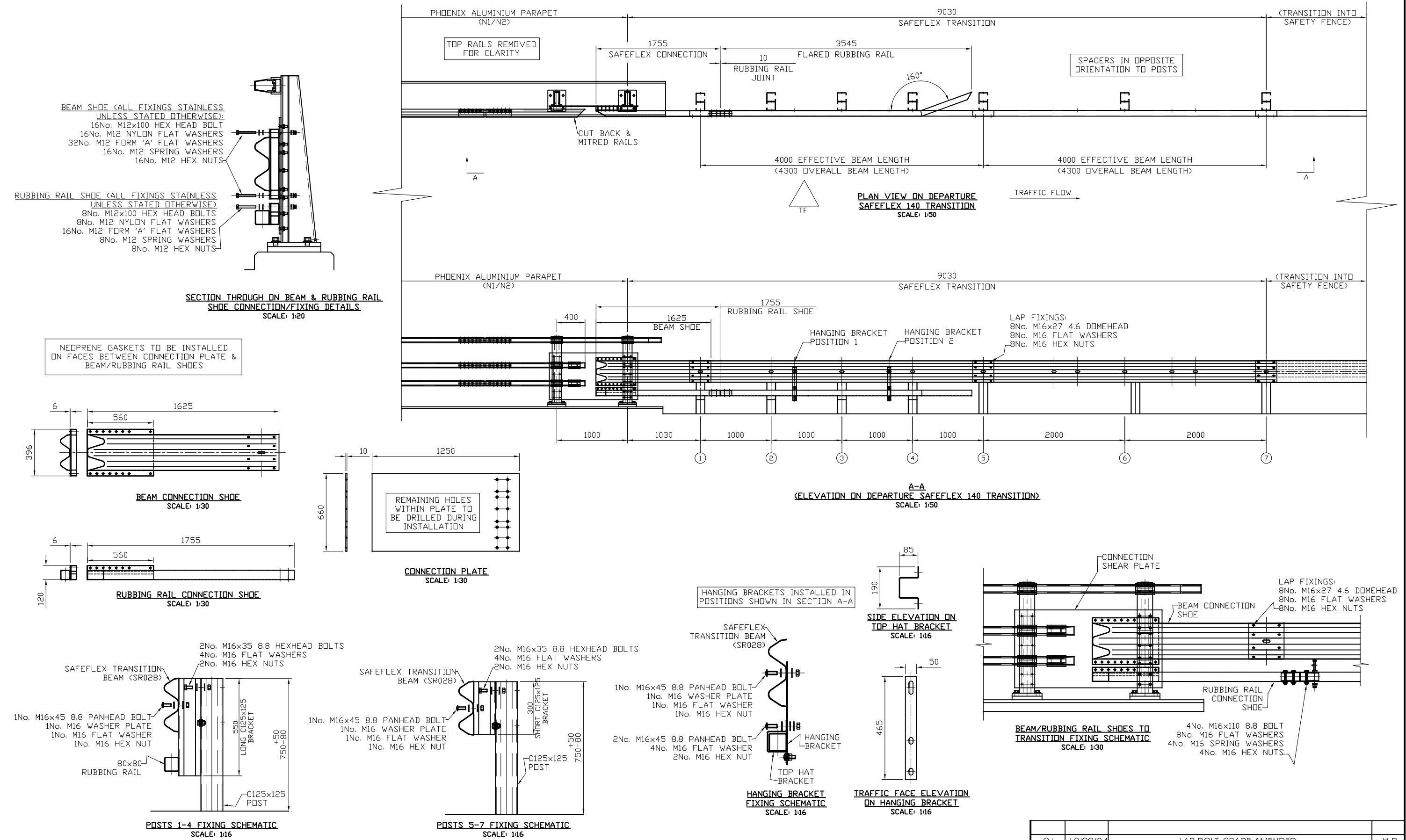
FABRICATION NOTES

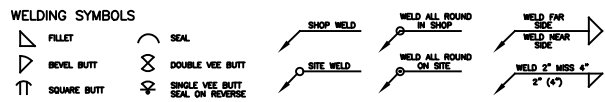
TOLERANCES UNLESS
STATED OTHERWISE
 $\pm 0.062(1.5mm)$

WELDING SPECIFICATION

IF IN DOUBT, ASK.

DRAWING NOT TO BE SCALED.





MACHINING NOTES

MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLERANCES UNLESS STATED OTHERWISE DIMENSIONAL $\pm 0.015(0.4mm)$

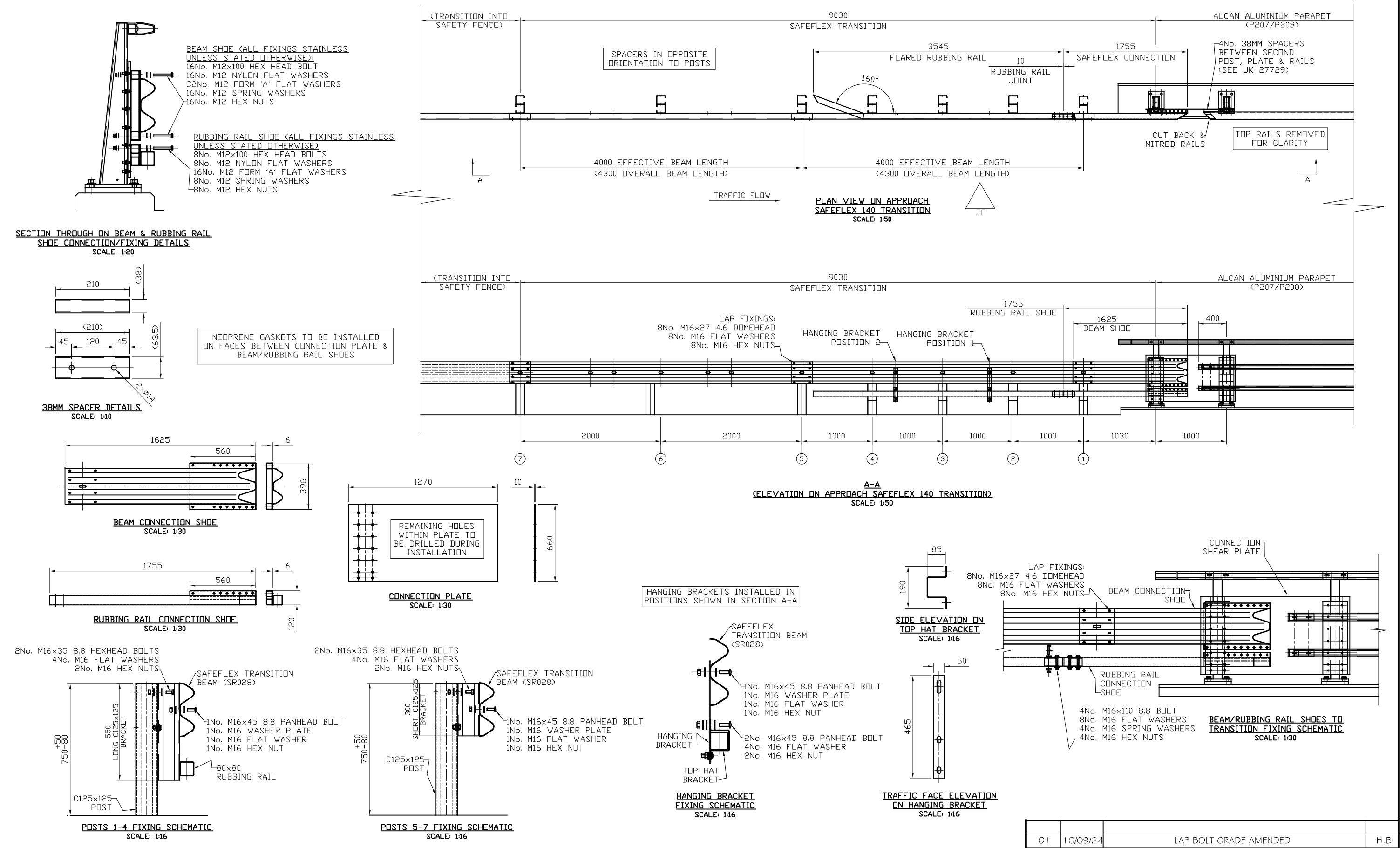
FABRICATION NOTES

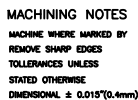
TOLERANCES UNLESS STATED OTHERWISE $\pm 0.002(1.5mm)$

WELDING SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

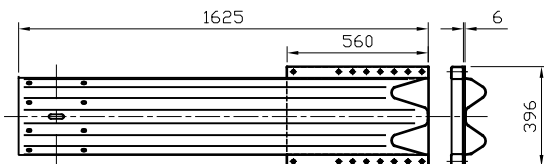
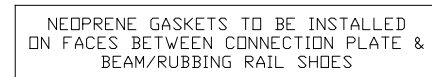
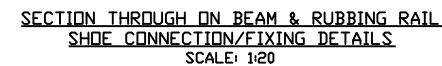




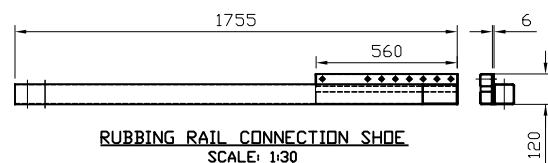
TOLLERANCES UNLESS
STATED OTHERWISE
 $\pm 0.062"$ (1.5mm)

IF IN DOUBT, ASK.

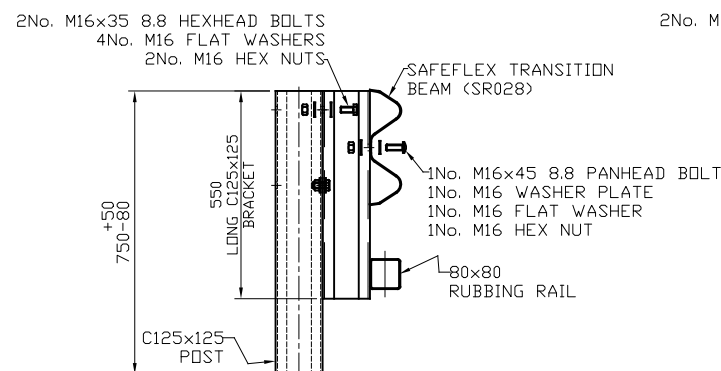
DRAWING NOT TO BE SCALED.



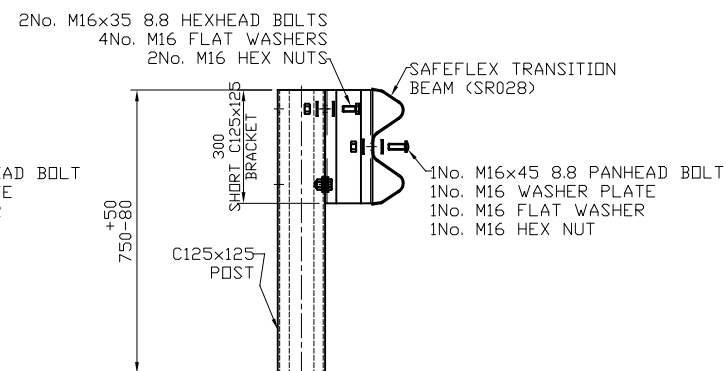
BEAM CONNECTION SHOE
SCALE: 1:30



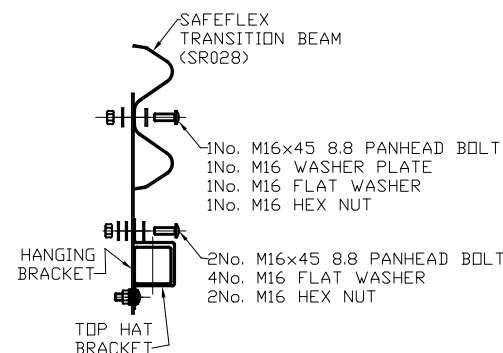
RUBBING RAIL CONNECTION SHOE
SCALE: 1:30



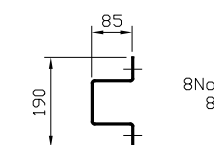
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



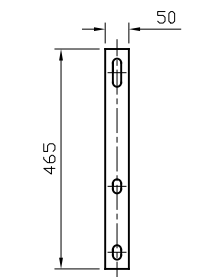
POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



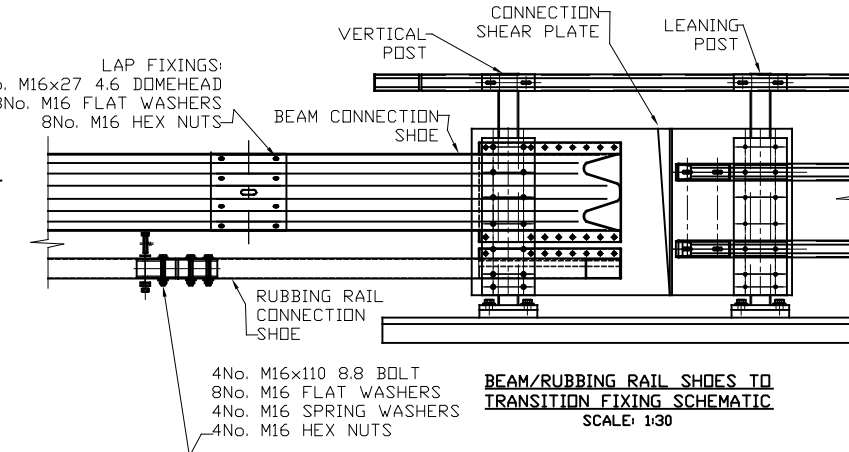
HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16

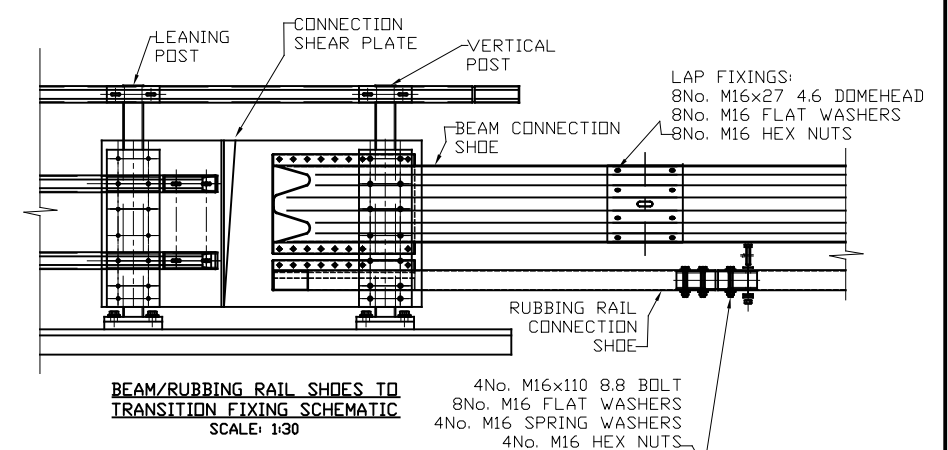


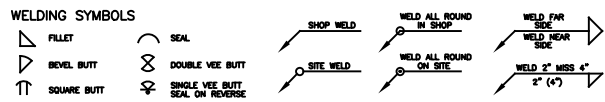
TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16



BEAM/RUBBING RAIL SHOES TO
TRANSITION FIXING SCHEMATIC
SCALE: 1:30

01	10/09/24	LAP BOLT GRADE AMENDED			H.B
REVN.	DATE	REMARKS			SIG.
MATL:--		DRAWN:-- H.BRYDON	CHECKED:-- J.C	CHECKED QA:--	
PROJECTION:--		DATE:-- 21/08/24	SCALE:-- 1:50	APPROVED:--	
		DRG NO:-- UK 27707			REV:-- 01





MACHINING NOTES

MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLERANCES UNLESS STATED OTHERWISE DIMENSIONAL $\pm 0.15(0.4mm)$

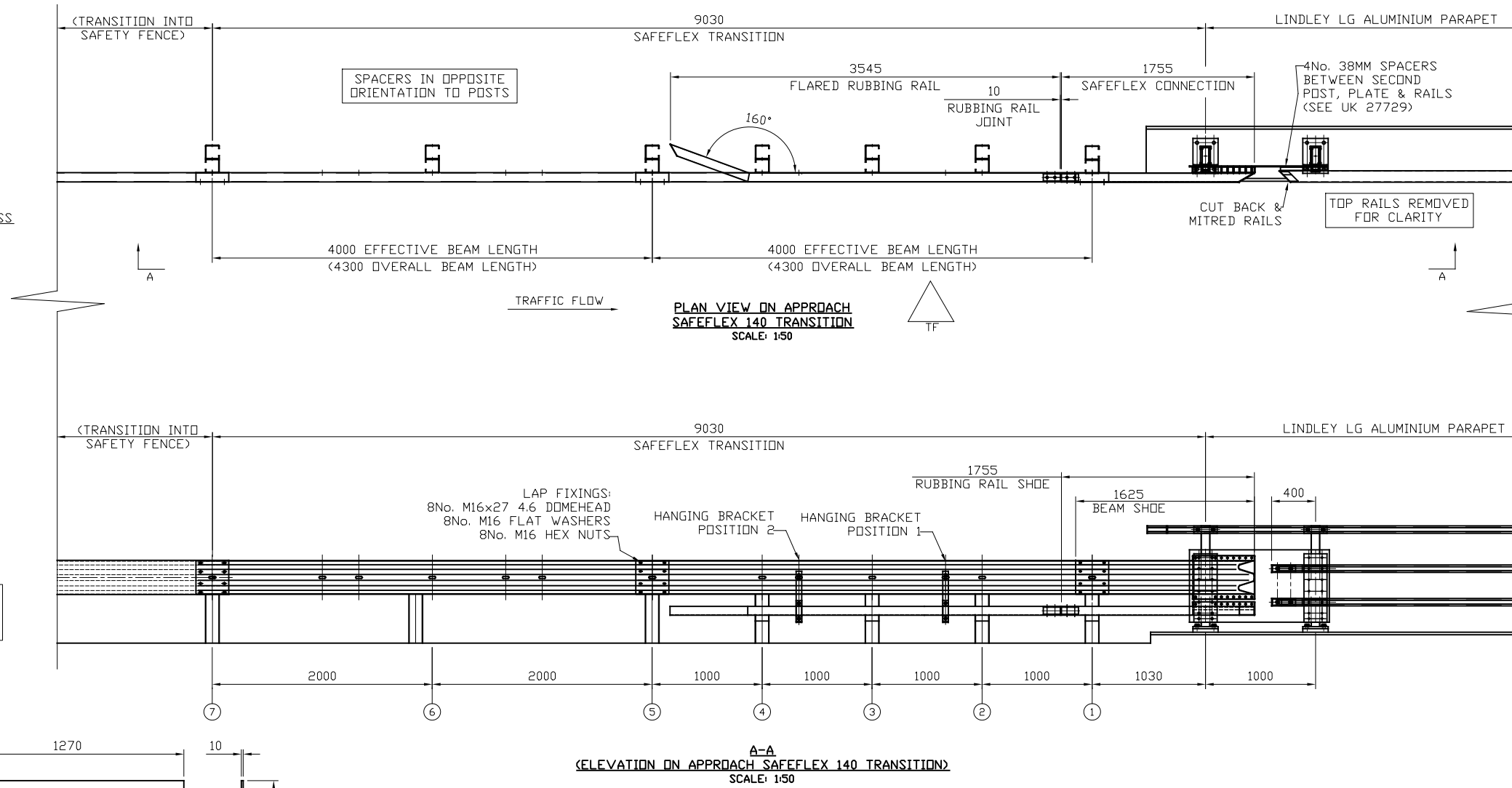
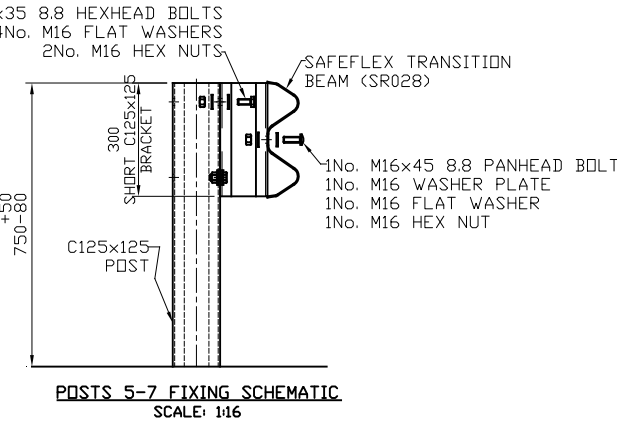
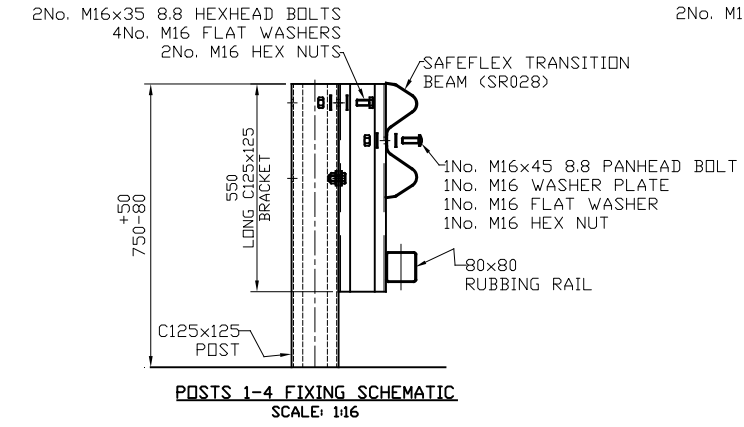
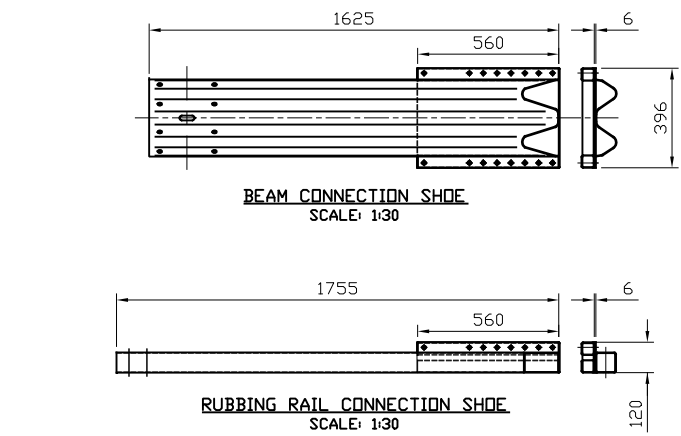
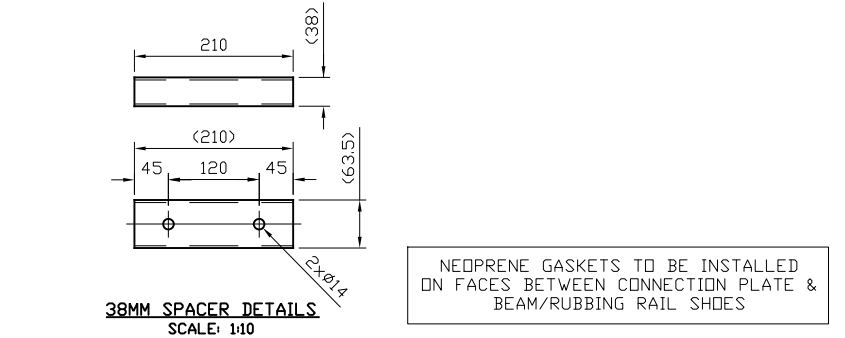
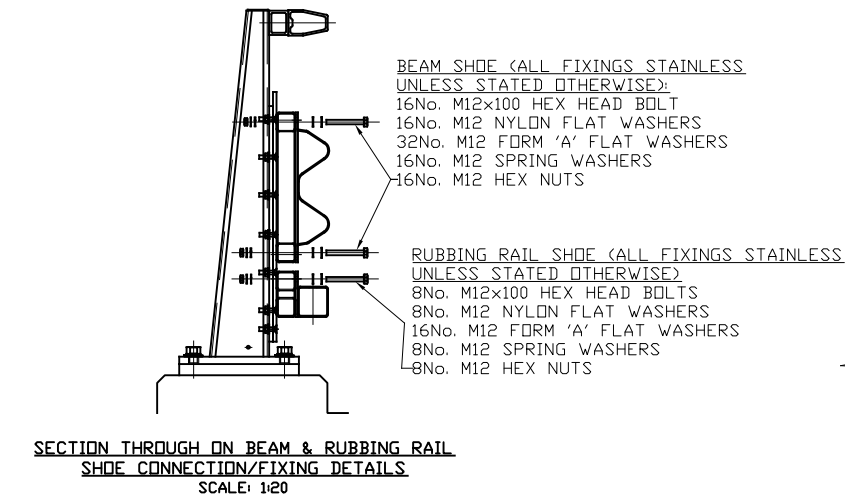
FABRICATION NOTES

TOLERANCES UNLESS STATED OTHERWISE $\pm 0.062(1.5mm)$

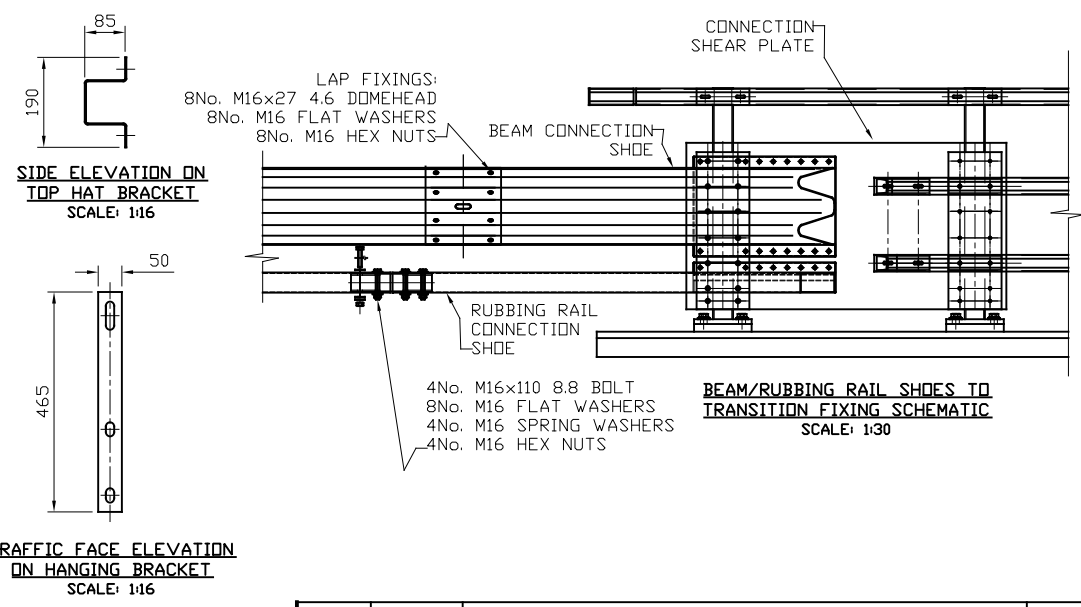
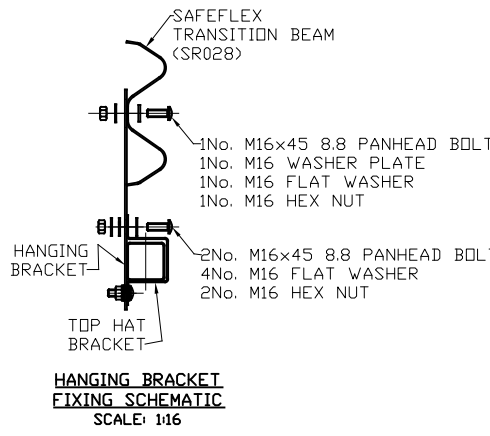
WELDING SPECIFICATION

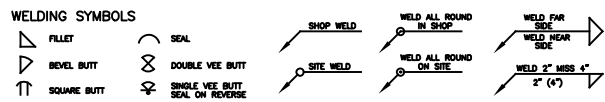
IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.



HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A





MACHINING NOTES

MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLERANCES UNLESS STATED OTHERWISE DIMENSIONAL $\pm 0.015(0.4mm)$

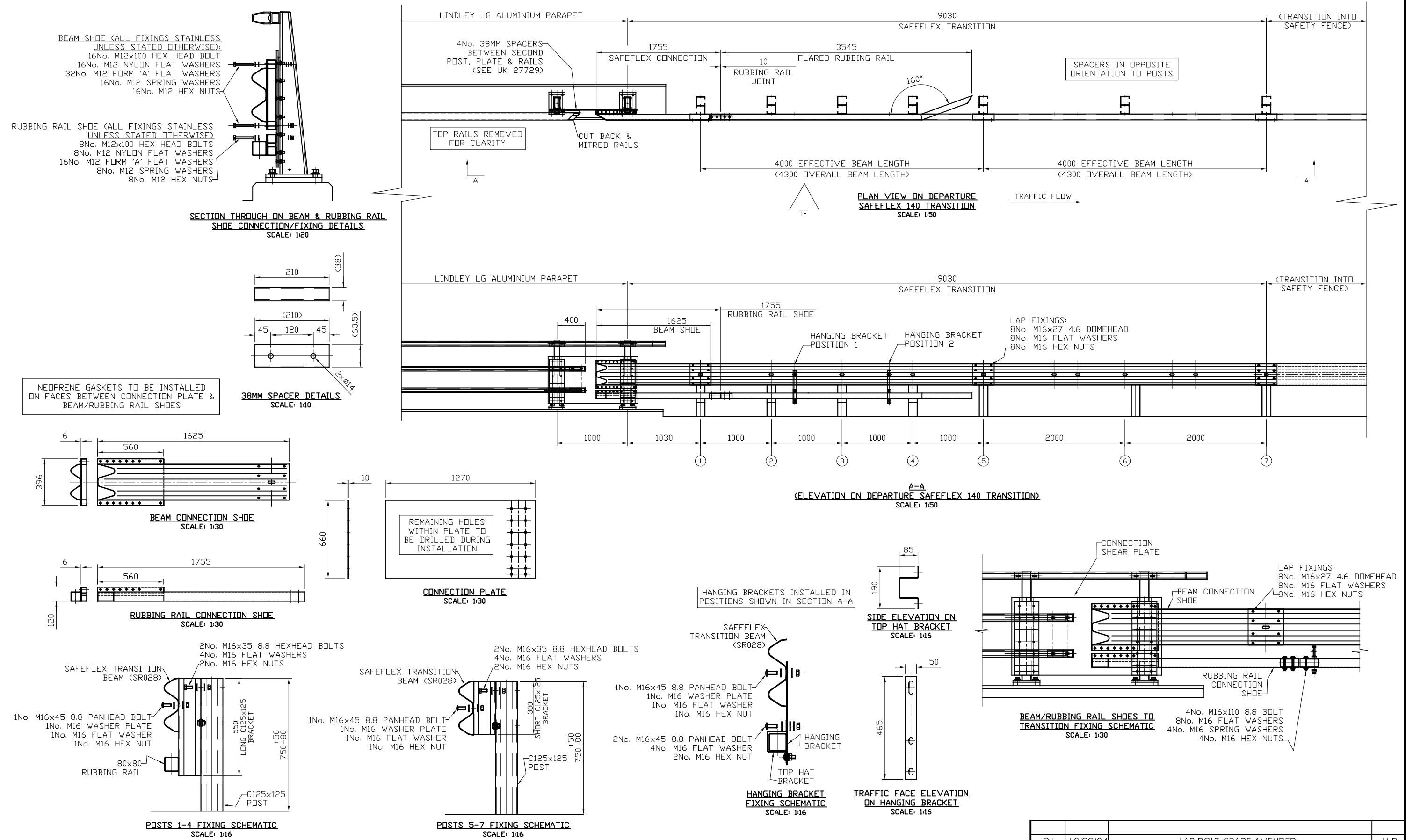
FABRICATION NOTES

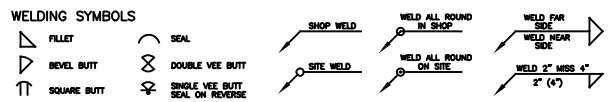
TOLERANCES UNLESS STATED OTHERWISE $\pm 0.062(1.5mm)$

WELDING SPECIFICATION

IF IN DOUBT, ASK.

DRAWING NOT TO BE SCALED.





MACHINING NOTES

MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLERANCES UNLESS STATED OTHERWISE DIMENSIONAL $\pm 0.015(0.4mm)$

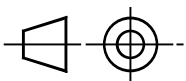
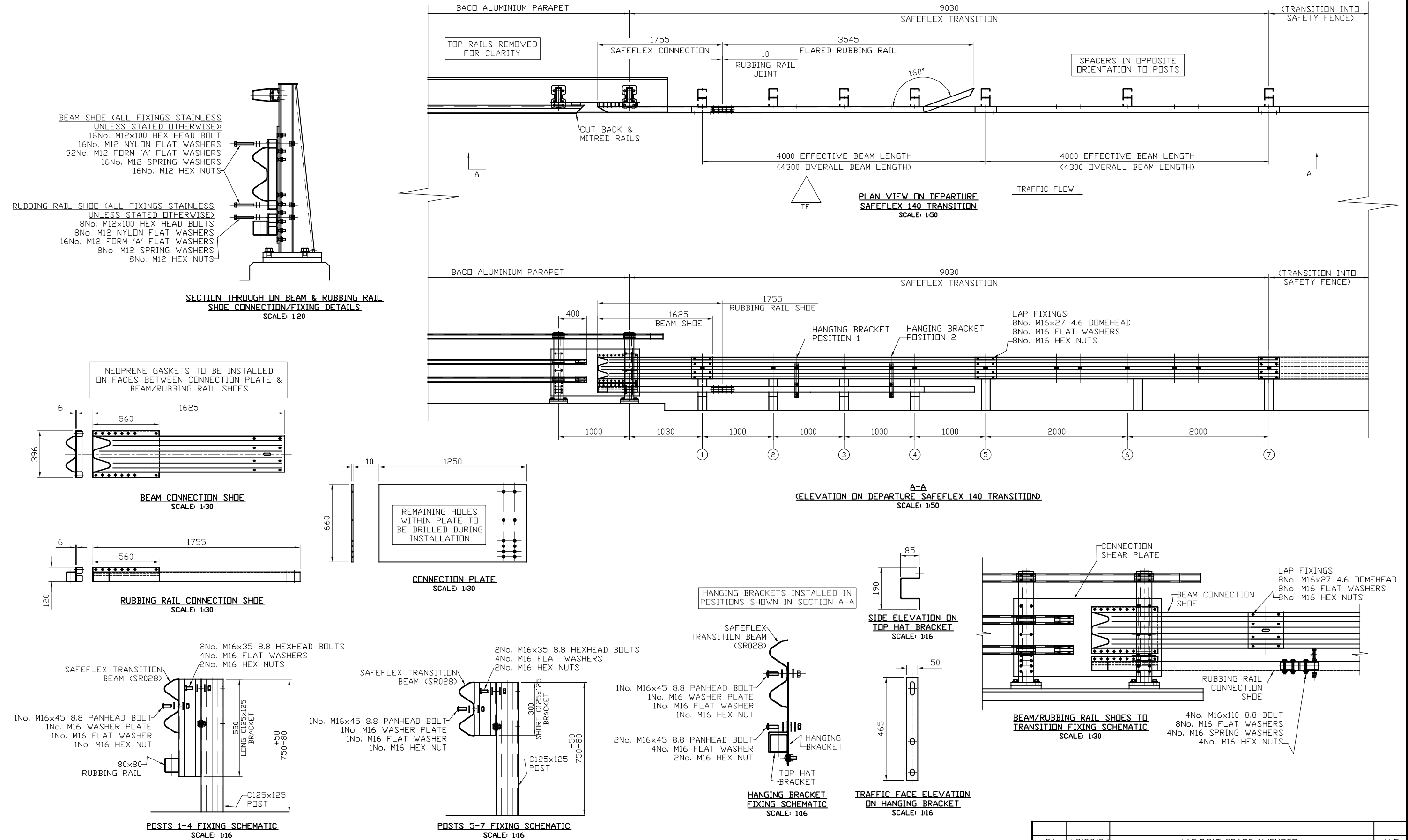
FABRICATION NOTES

TOLERANCES UNLESS STATED OTHERWISE $\pm 0.062(1.5mm)$

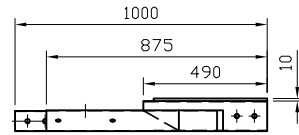
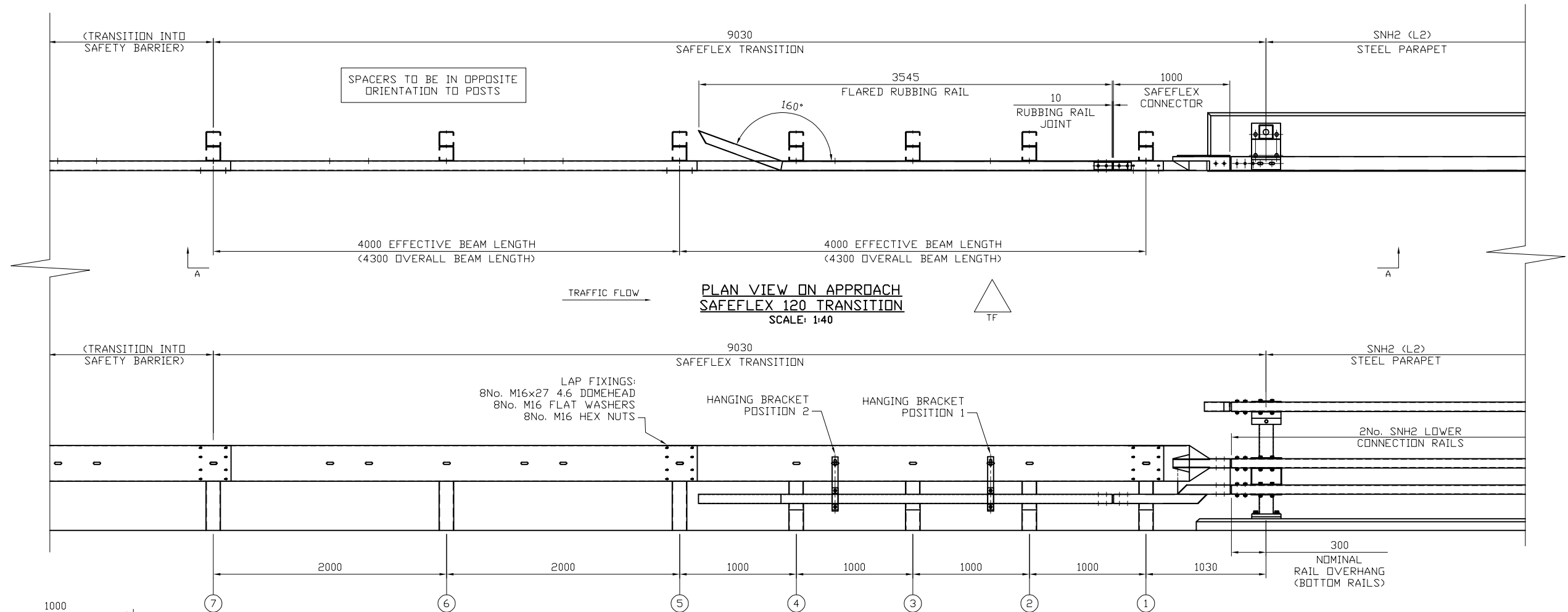
WELDING SPECIFICATION

IF IN DOUBT, ASK.

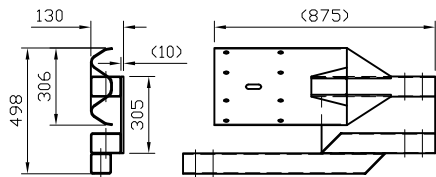
DRAWING NOT TO BE SCALED.



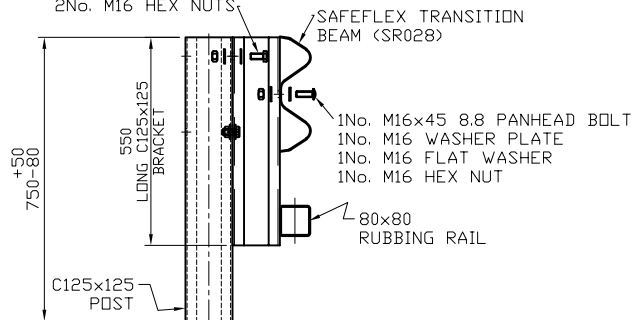
01	10/09/24	LAP BOLT GRADE AMENDED	H.B
REV.	DATE	REMARKS	SIG.
DRAWN:- H.BRYDON CHECKED:- J.C DATE:- 21/08/24 SCALE:- 1:50 DRG NO:- UK 27715 REV:- 01			



APPROACH SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

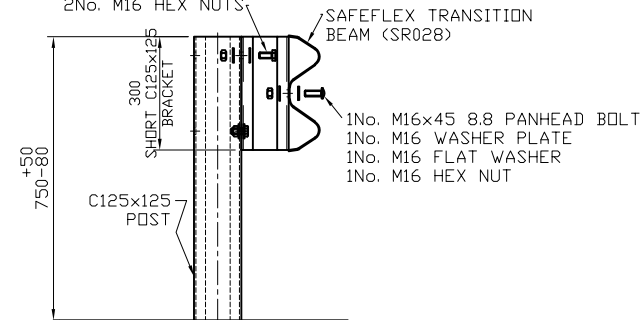


2No. M16x35 8.8 HEXHEAD BOLTS
4No. M16 FLAT WASHERS
2No. M16 HEX NUTS



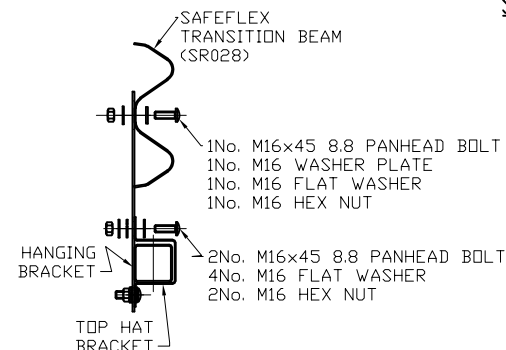
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

2No. M16x35 8.8 HEXHEAD BOLTS
4No. M16 FLAT WASHERS
2No. M16 HEX NUTS

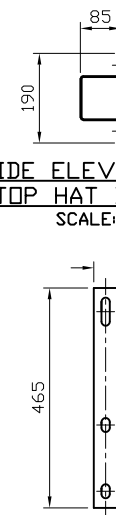


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A

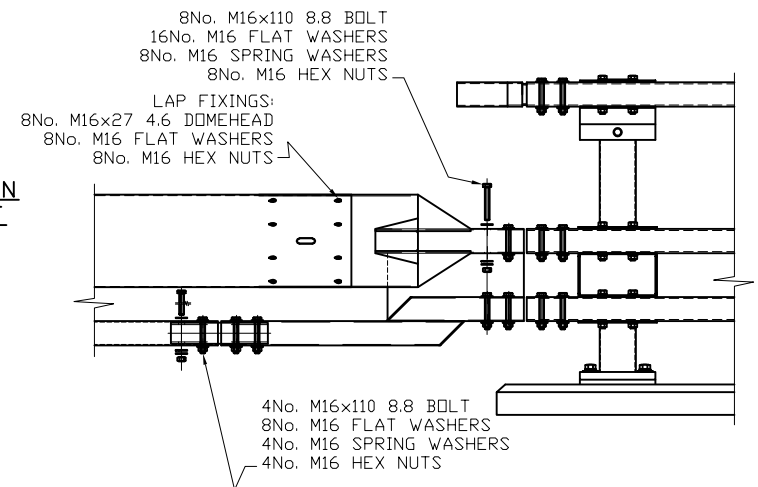


HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16

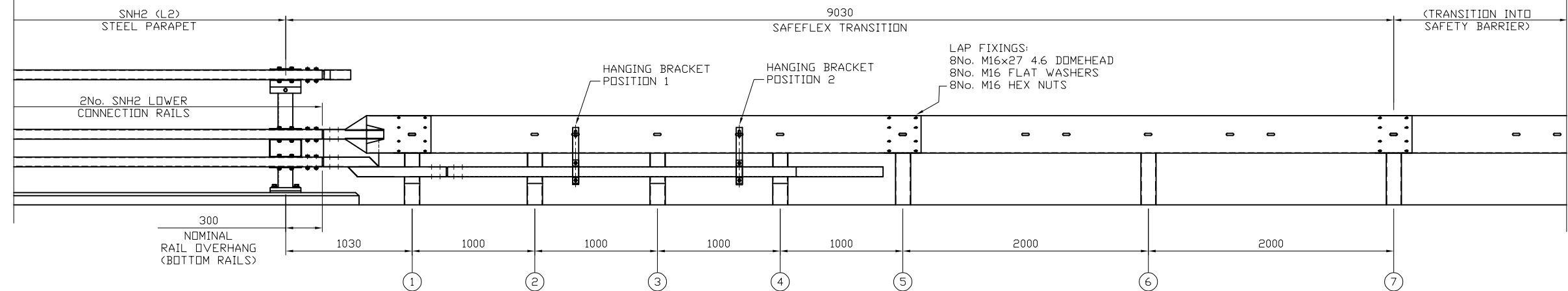


SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16

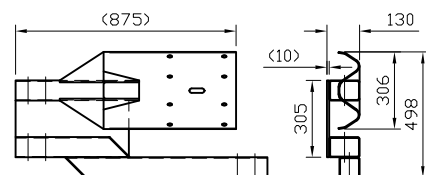
TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:8



Technical drawing of a mechanical part with dimensions: 1000, 875, 490, and 10.



SAFEFLEX TRANSITION BEAM (SR028)

2No. M16x35 8.8 HEXHEAD BOLTS
4No. M16 FLAT WASHERS
2No. M16 HEX NUTS

1No. M16x45 8.8 PANHEAD BOLT
1No. M16 WASHER PLATE
1No. M16 FLAT WASHER
1No. M16 HEX NUT

80x80 RUBBING RAIL

550
LONG C125x125 BRACKET
+50
750-80

C125x125 POST

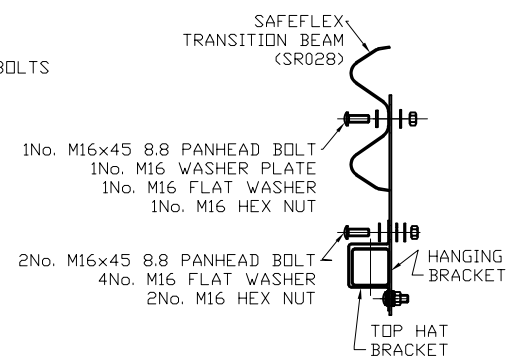
1No.

Diagram illustrating the connection of the SAFEFLEX TRANSITION BEAM (SR028) to the C125x125 POST.

Components and Dimensions:

- SAFEFLEX TRANSITION BEAM (SR028)
- 2No. M16x35 8.8 HEXHEAD BOLTS
- 4No. M16 FLAT WASHERS
- 2No. M16 HEX NUTS
- 300 (Length of the beam section)
- SHIRT C125x125 BRACKET
- 450 (Height of the bracket section)
- 750-80 (Total height of the assembly)
- C125x125 POST
- 1No. M16x45 8.8 PANHEAD BOLT
- 1No. M16 WASHER PLATE
- 1No. M16 FLAT WASHER
- 1No. M16 HEX NUT

HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A



8No. M16x110 8.8 BOLT
16No. M16 FLAT WASHERS
8No. M16 SPRING WASHERS
8No. M16 HEX NUTS

LAP FIXINGS:
8No. M16x27 4.6 DOMEHEAD
8No. M16 FLAT WASHERS
8No. M16 HEX NUTS

4No. M16x110 8.8 BOLT
8No. M16 FLAT WASHERS
4No. M16 SPRING WASHERS
4No. M16 HEX NUTS

SCALE: 1:16					
REVN.		DATE	REMARKS		SIG.
ORDER No:--	MATL:--		DRAWN:-- H.BRYDON	CHECKED:-- J.C	CHECKED QA:--
	PROJECTION:-- 		DATE:-- 27/11/25	SCALE:-- 1:40	APPROVED:--
ISSUE DATE:--			DRG NO:-- UK 29309	REV:-- 00	