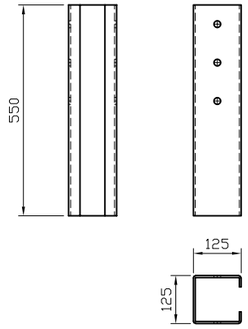
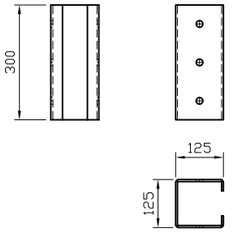


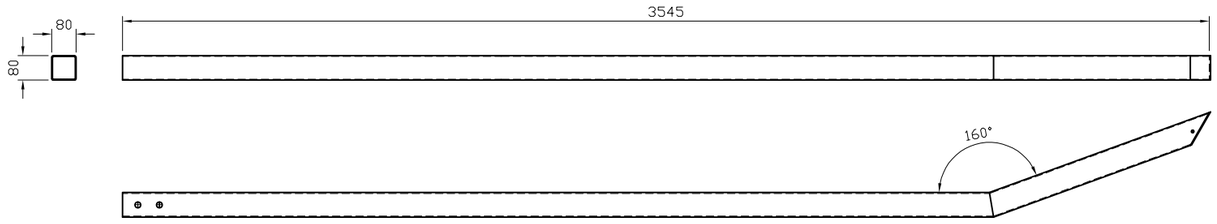
SR028 - 'A' PROFILE CORRUGATE BEAM (3MM)



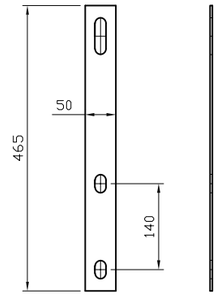
SR783 - SAFEFLEX TRANSITION
LONG CRUSH BRACKET



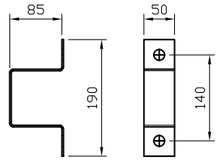
SR782 - SAFEFLEX TRANSITION
SHORT CRUSH BRACKET



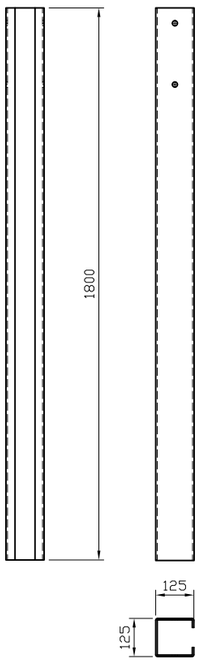
SR786 - SAFEFLEX TRANSITION
FLARED RUBBING RAIL



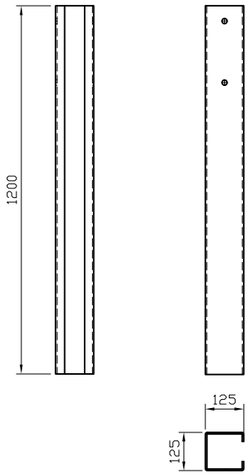
SR784 - SAFEFLEX TRANSITION
RUBBING RAIL HANGING BRACKET



SR785 - SAFEFLEX TRANSITION
RUBBING RAIL TOP HAT BRACKET

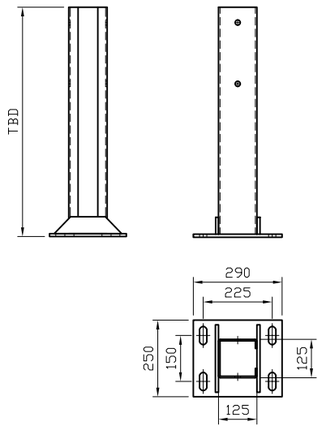


SR788 - SAFEFLEX TRANSITION
C125x125 DRIVEN POST

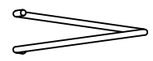


SR789 - SAFEFLEX TRANSITION
C125x125 SOCKETED POST

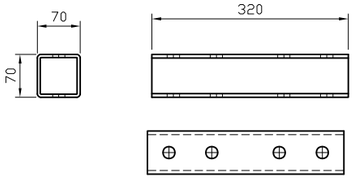
SURFACE MOUNTED POSTS
FABRICATED AS REQUIRED.
HEIGHT TO BE DETERMINED



SAFEFLEX TRANSITION C125x125
SURFACE MOUNTED POST

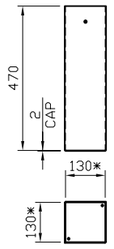


SR100 - REINFORCING RING



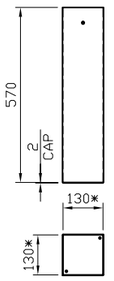
SR787 - SAFEFLEX TRANSITION
RUBBING RAIL CONNECTION JOINT

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



SR184 - C125x125
POST SOCKET 470MM

* - INTERNAL
DIMENSION



SR185 - C125x125
POST SOCKET 570MM

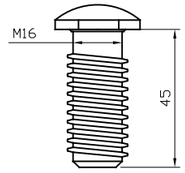
REVn	DATE	DETAILS	INITIAL
02	30/07/26	CRUSH BRACKET CODE UPDATE	H.B
01	28/11/24	QUANTITIES REMOVED	H.B
00	29/04/24	DRAWING CREATED	H.B

SAFEFLEX TRANSITION

COMPONENTS SCHEMATIC

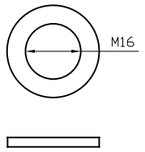
SAFEROAD
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
T: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
SF-GA-00	02



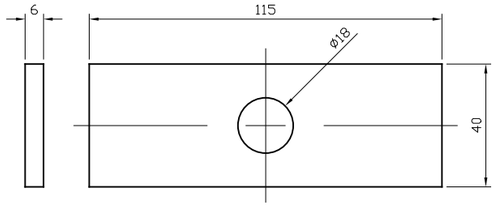
M16x45 PANHEAD BOLT
8.8 MILD STEEL
SR201

13No. REQ. PER TRANSITION



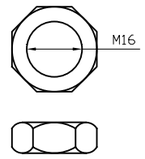
M16 FORM 'A' FLAT WASHER
GF161

17No. REQ. PER TRANSITION



M16x115x40x6 WASHER PLATE
S235JR
SR151

9No. REQ. PER TRANSITION

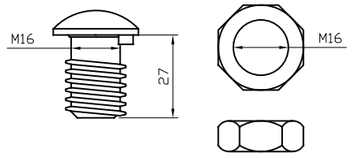


M16 HEX NUT
GF170

13No. REQ. PER TRANSITION

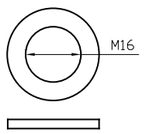
BEAM TO SPACER FIXINGS
RUBBING RAIL HANGING BRACKET FIXINGS

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



M16x27 DOMEHEAD BOLT C/W M16 NUT
4.6 MILD STEEL
SR200

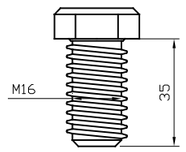
24No. REQ. PER TRANSITION



M16 FORM 'A' FLAT WASHER
SR300

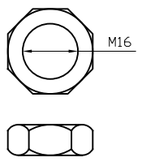
24No. REQ. PER TRANSITION

BEAM LAP FIXINGS



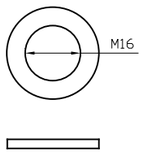
M16x35 SET SCREW
8.8 MILD STEEL
GF214

14No. REQ. PER TRANSITION



M16 HEX NUT
GF170

14No. REQ. PER TRANSITION



M16 FORM 'A' FLAT WASHER
GF161

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

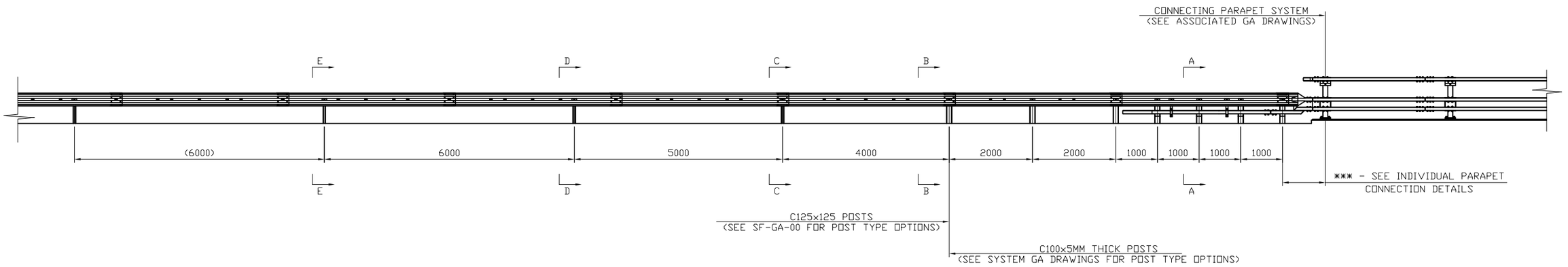
FIXINGS SHEET

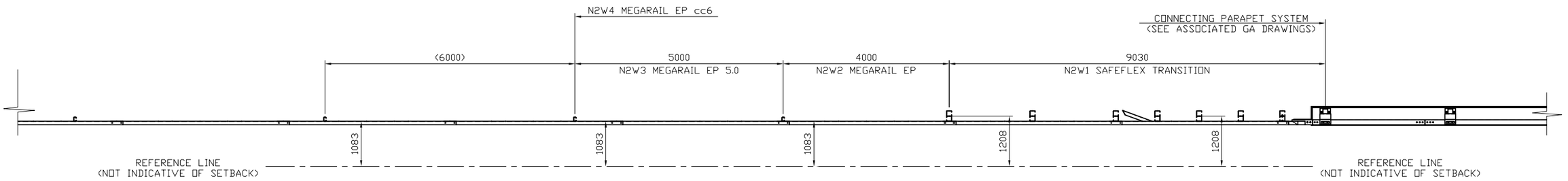
SAFEROAD

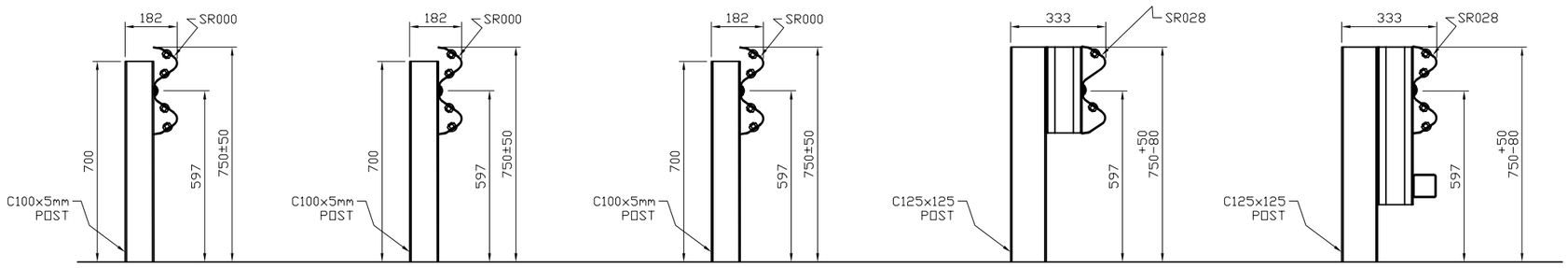
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
T: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
SF-GA-01	01

SEE SAFEROAD MANUAL FOR
FOUNDATION/POST TYPE OPTIONS







E-E
(MEGARAIL EP CC6 N2W4)
SCALE: 1:20

D-D
(MEGARAIL EP 5.0 N2W3)
SCALE: 1:20

C-C
(MEGARAIL EP N2W2)
SCALE: 1:20

B-B
(SAFEFLEX POSTS 5-7)
SCALE: 1:20

A-A
(SAFEFLEX POSTS 1-4)
SCALE: 1:20

01	30/07/26	GENERAL DRAWING UPDATE	H.B
00	22/11/24	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

SAFEFLEX TRANSITION

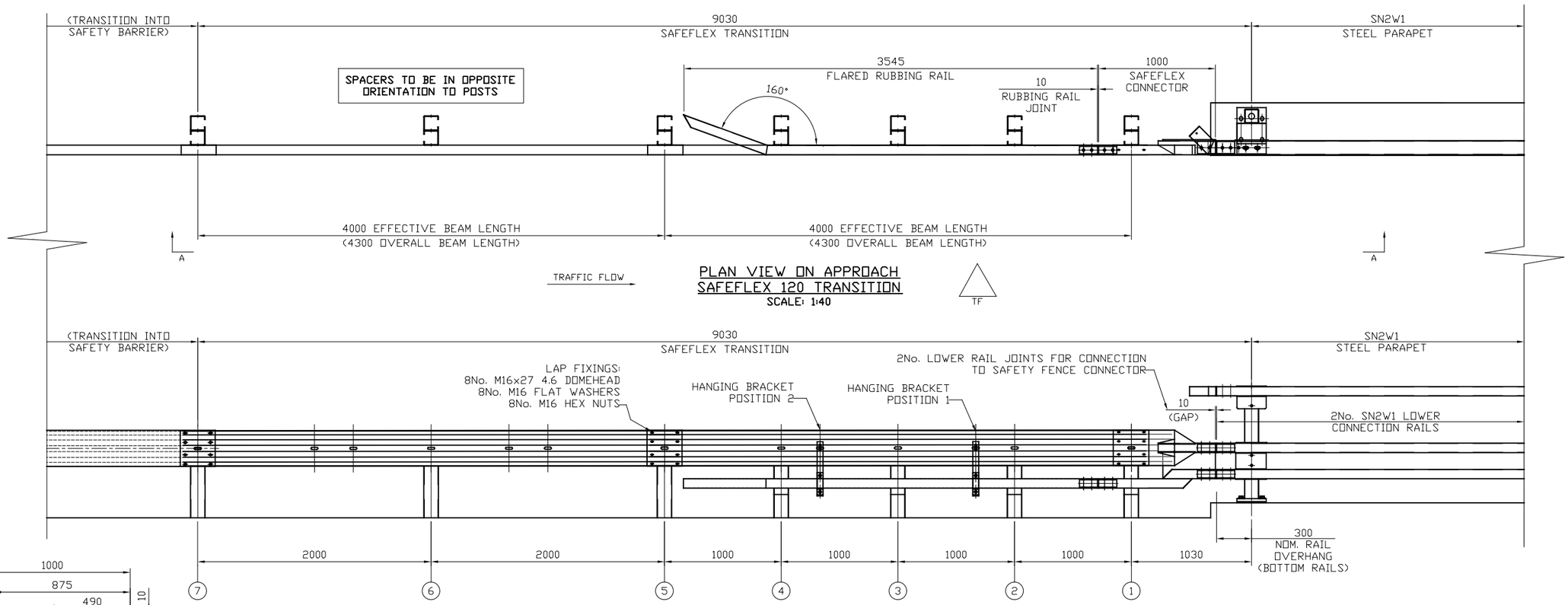
SYSTEM PROGRESSION TO N2W4 EP CC6

SAFEROAD

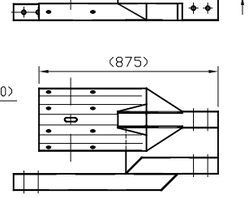
CONCORD HOUSE,
BESSEMER WAY, SCUNTHORPE,
NORTH LINCOLNSHIRE, DN15 8XE
T: 01724 289119
FOR TECHNICAL ASSISTANCE CONTACT
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
SF-GA-02	01

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.

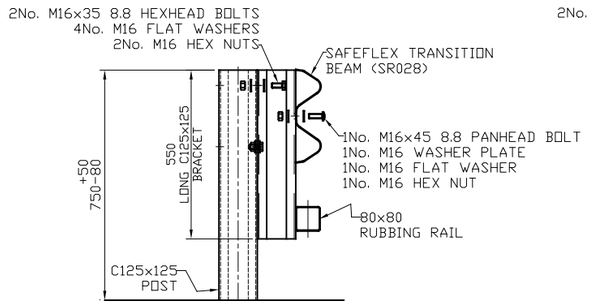


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

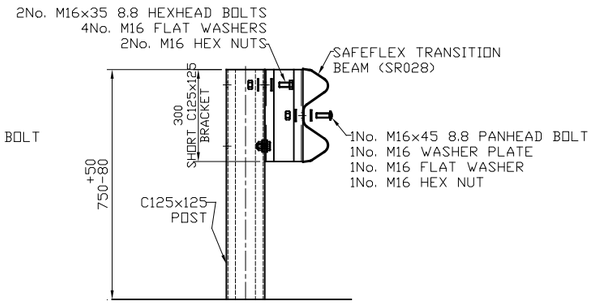


A-A
(ELEVATION ON APPROACH SAFEFLEX 120 TRANSITION)
SCALE: 1:40

APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

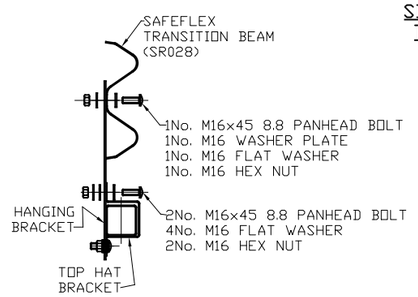


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

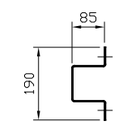


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

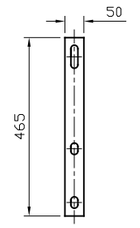
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



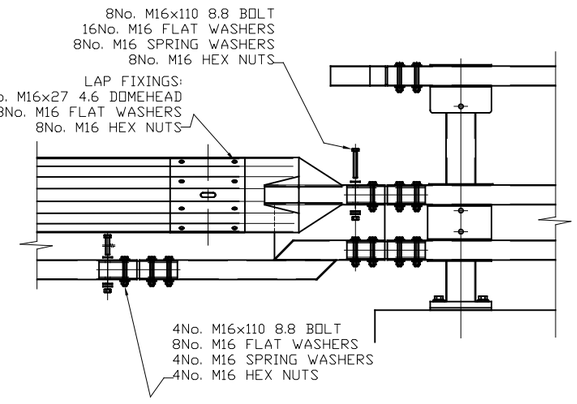
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN2W1 STEEL PARAPET

ORDER No:-	MATL:-	DRAWN:-	CHECKED:-	CHECKED QA:-
		H.BRYDON	J.C	
ISSUE DATE:-	PROJECTION:-	DATE:-	SCALE:-	APPROVED:-
		13/02/24	1:40	
		DRG NO:- UK 27049		REV:- 01

WELDING SYMBOLS

FILLET | SEAL | SHOP WELD | WELD ALL ROUND IN SHOP | WELD FAR SIDE | WELD NEAR SIDE

BEVEL BUTT | DOUBLE VEE BUTT | SITE WELD | WELD ALL ROUND ON SITE | WELD 2" MISS 4" 2" (4")

SQUARE BUTT | SINGLE VEE BUTT SEAL ON REVERSE

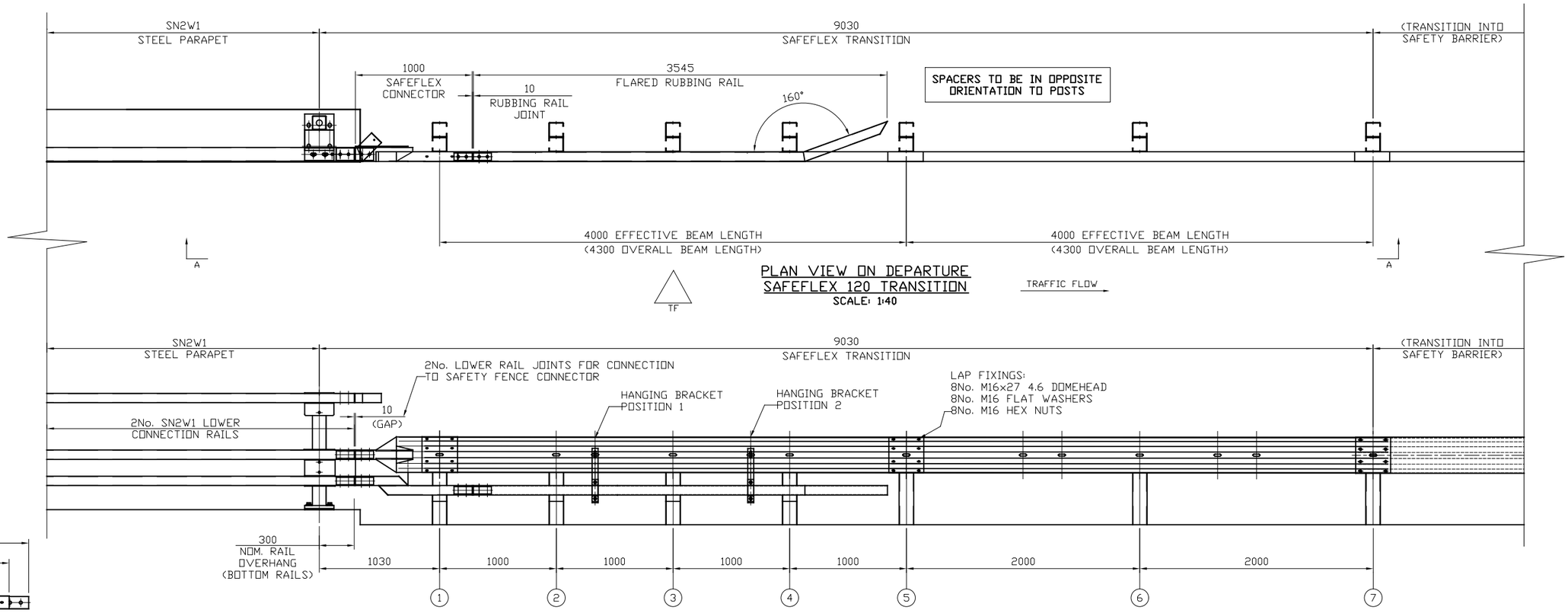
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

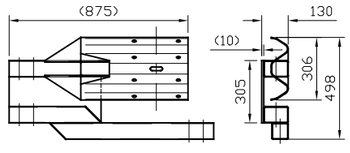
IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

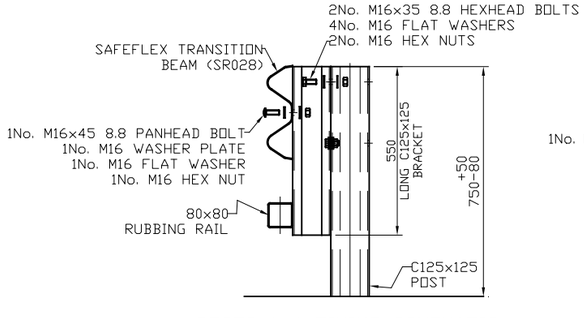


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

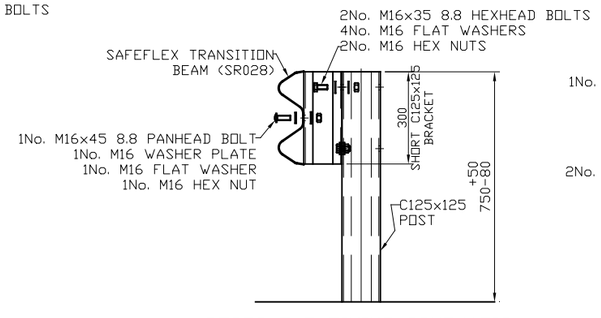
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

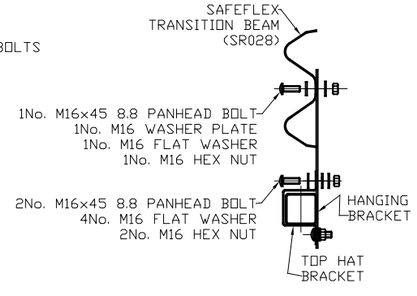


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

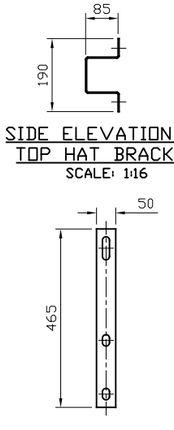


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A

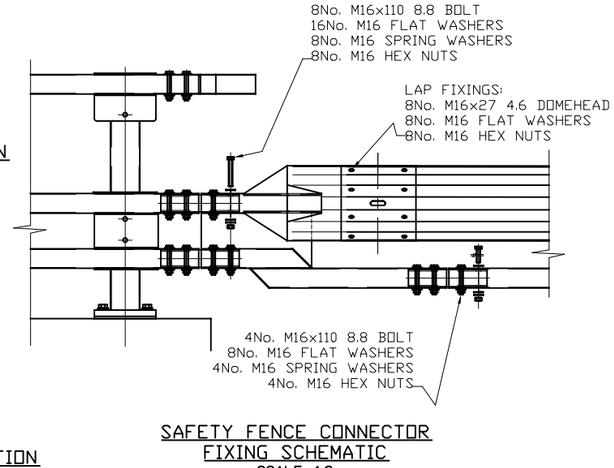


HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



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

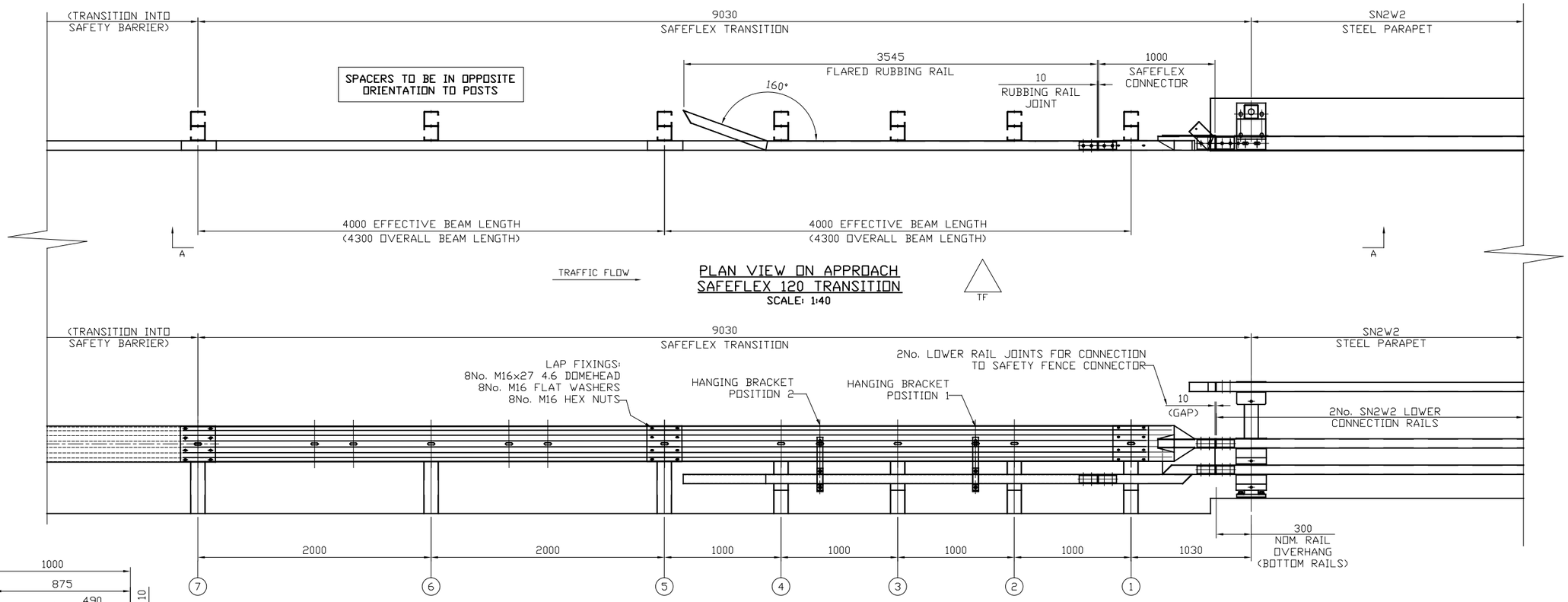
REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN2W1 STEEL PARAPET

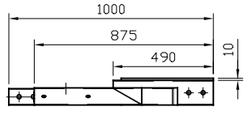
ORDER No:-
ISSUE DATE:-
MATL:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
PROJECTION:-
DATE:- 13/02/24
SCALE:- 1:40
APPROVED:-
DRG NO:- UK 27050
REV:- 01

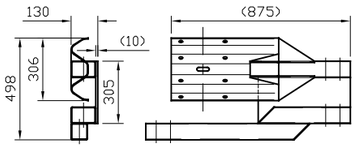
WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD; WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE; WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.



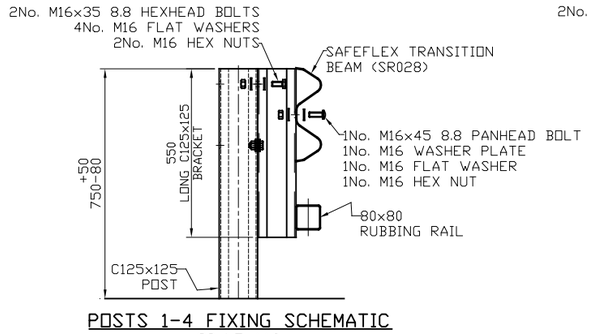
PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

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

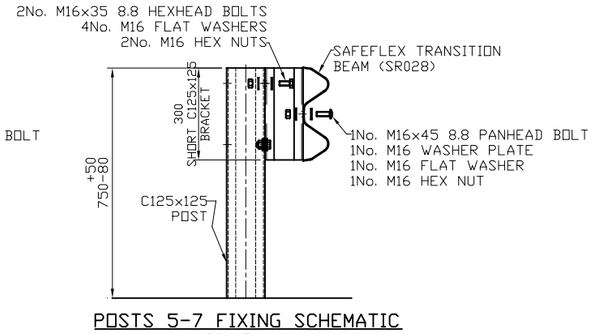




APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

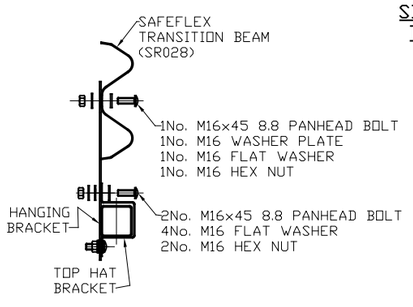


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

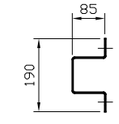


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

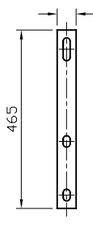
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



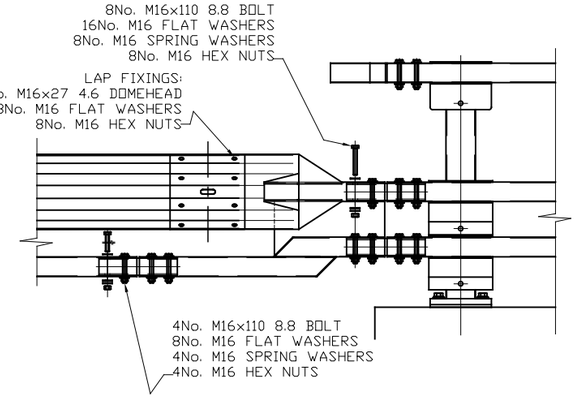
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



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

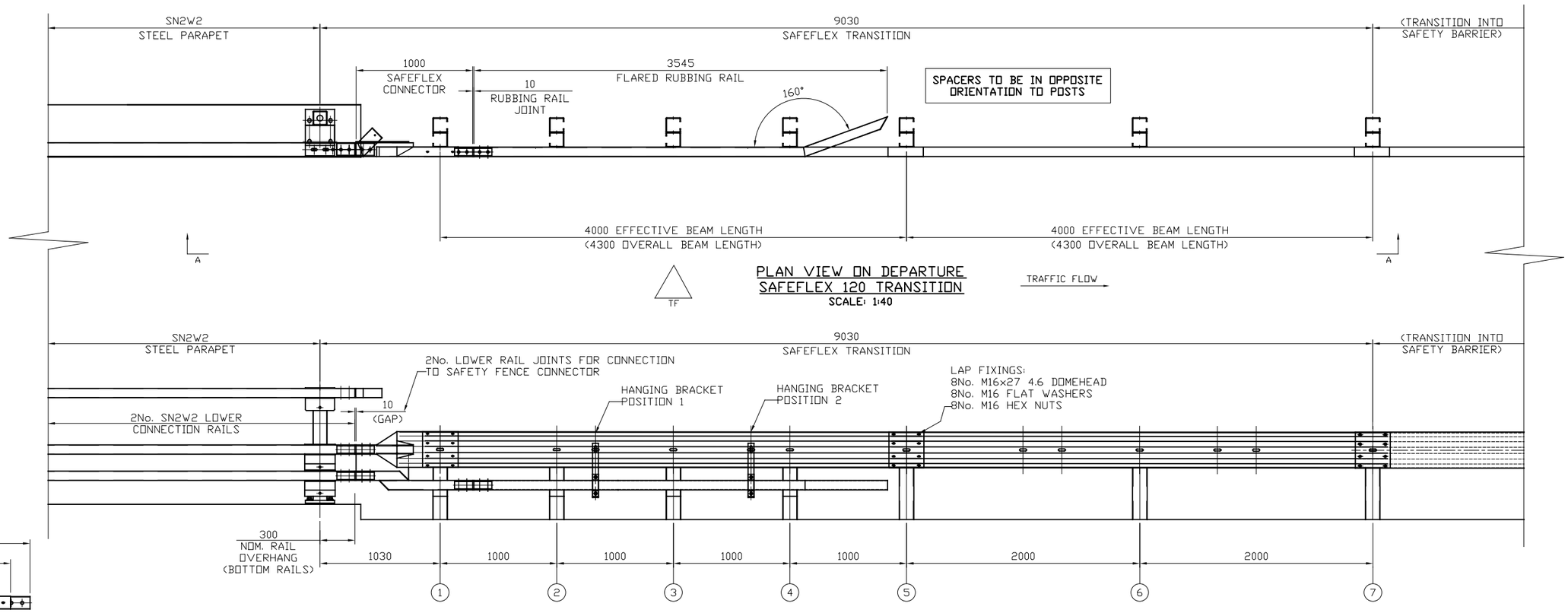
REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

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

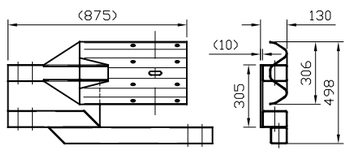
ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 13/02/24	SCALE:- 1:40
		DRG NO:- UK 27051	REV:- 01

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION	IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)			

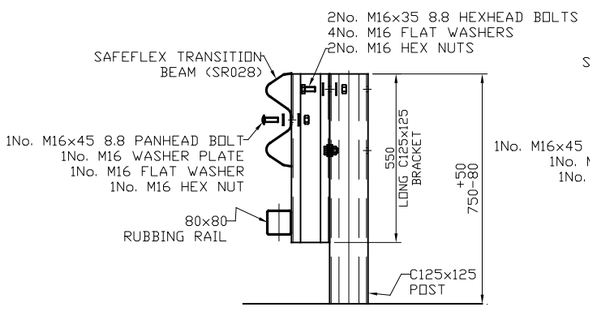


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

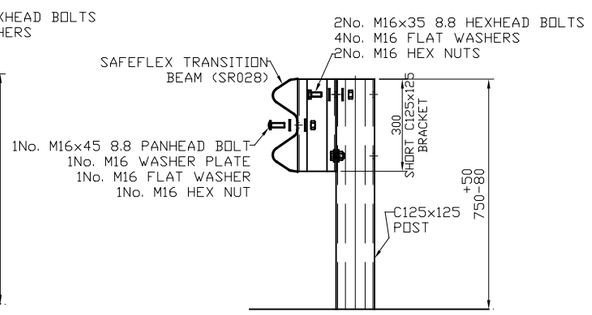
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

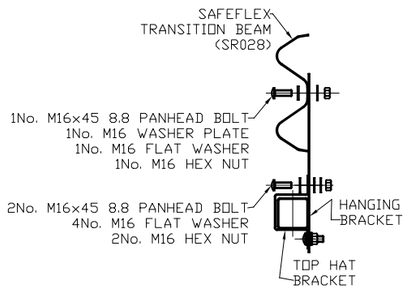


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

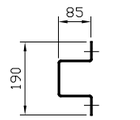


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

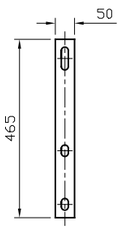
HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A



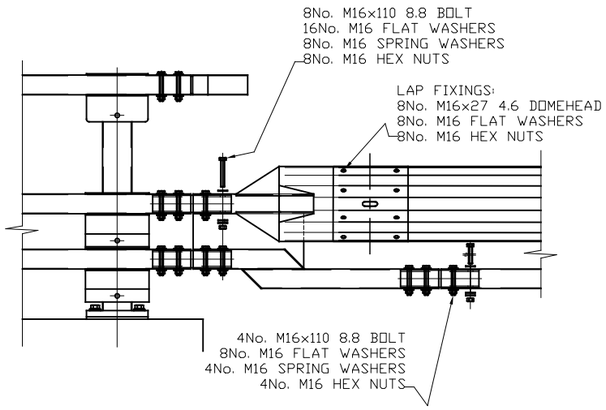
HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281476

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

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C	CHECKED QA:-
ISSUE DATE:-	PROJECTION:-	DATE:- 13/02/24	SCALE:- 1:40	APPROVED:-
		DRG NO:- UK 27052		REV:- 01

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE · WELD 2" MISS 4" 2" (*)

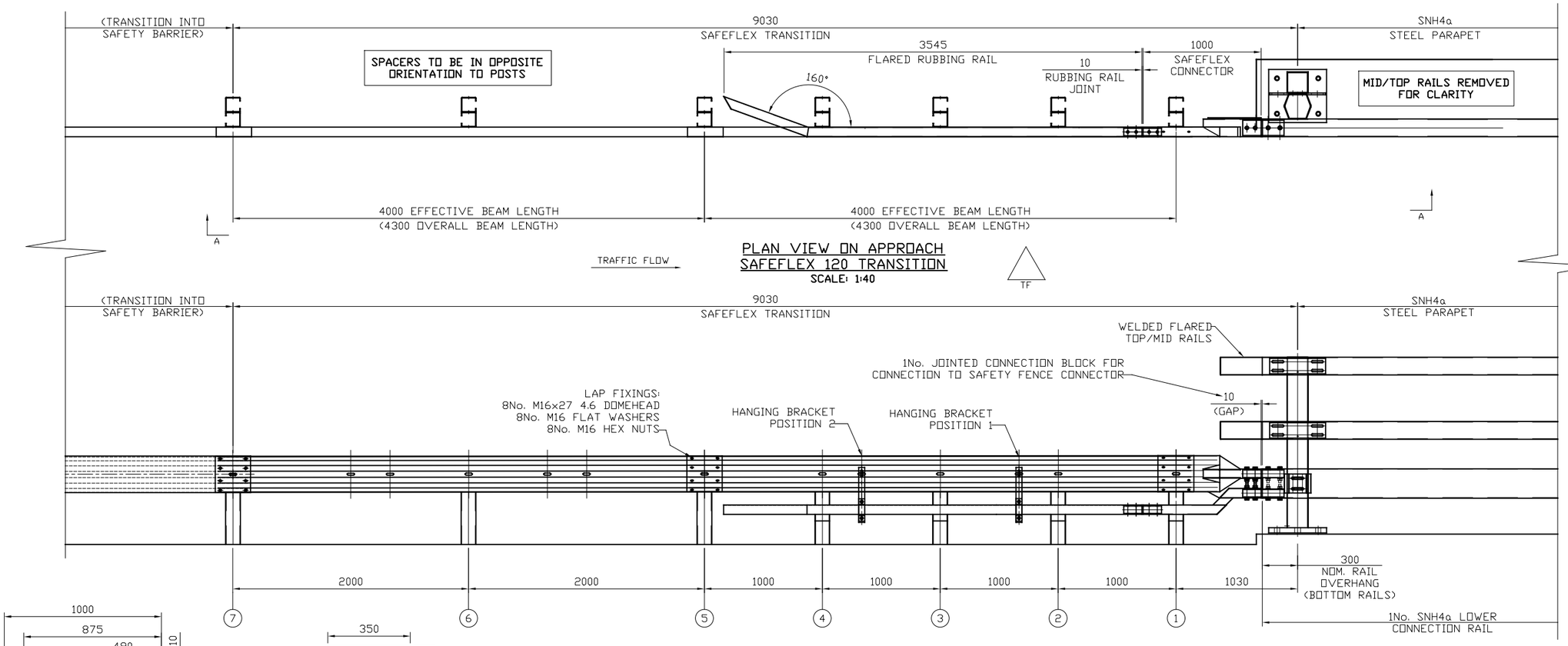
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

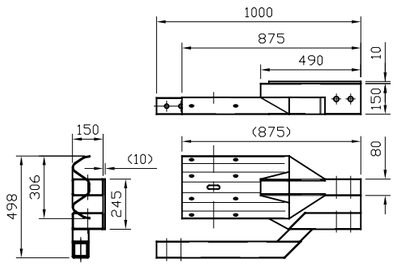
IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

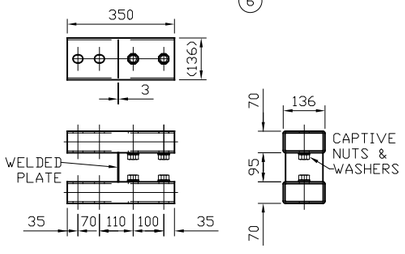


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

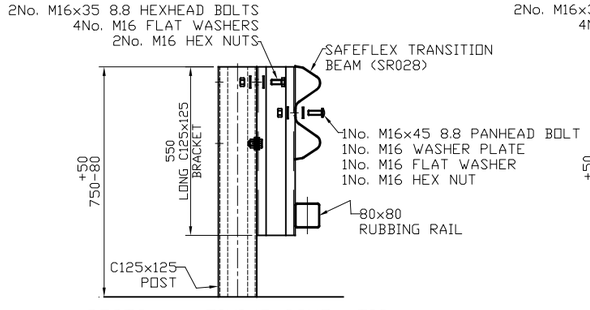
A-A
(ELEVATION ON APPROACH SAFEFLEX 120 TRANSITION)
SCALE: 1:40



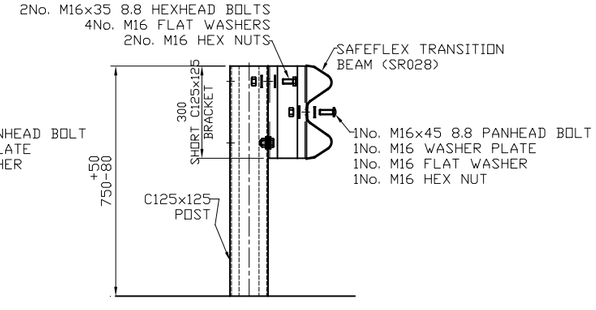
APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30



JOINTED CONNECTION BLOCK DETAIL
SCALE: 1:20

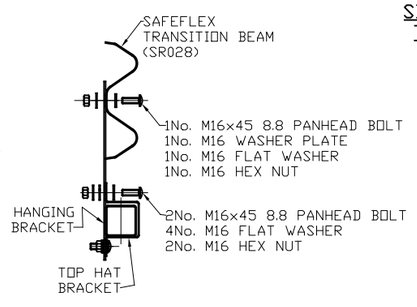


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

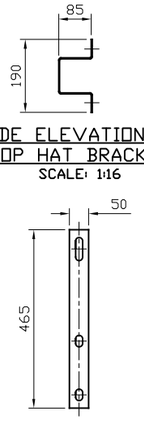


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

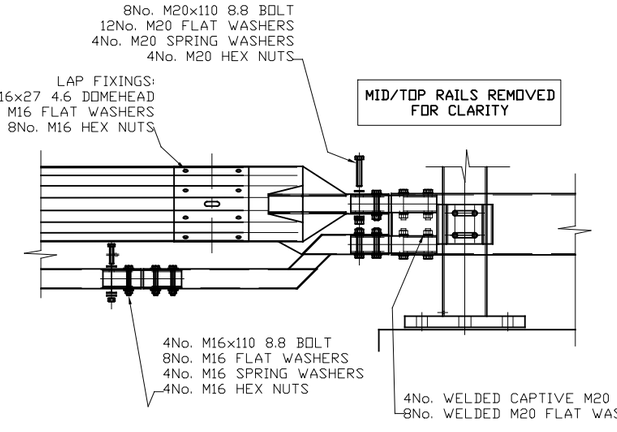


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:25

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SNH4a STEEL PARAPET

ORDER No:-			
ISSUE DATE:-			
MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C	CHECKED QA:-
PROJECTION:-	DATE:- 27/02/24	SCALE:- 1:40	APPROVED:-
	DRG NO:- UK 27086		REV:- 01

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUTT · SINGLE VEE BUTT, SEAL ON REVERSE · WELD 2" MISS 4" 2" (4")

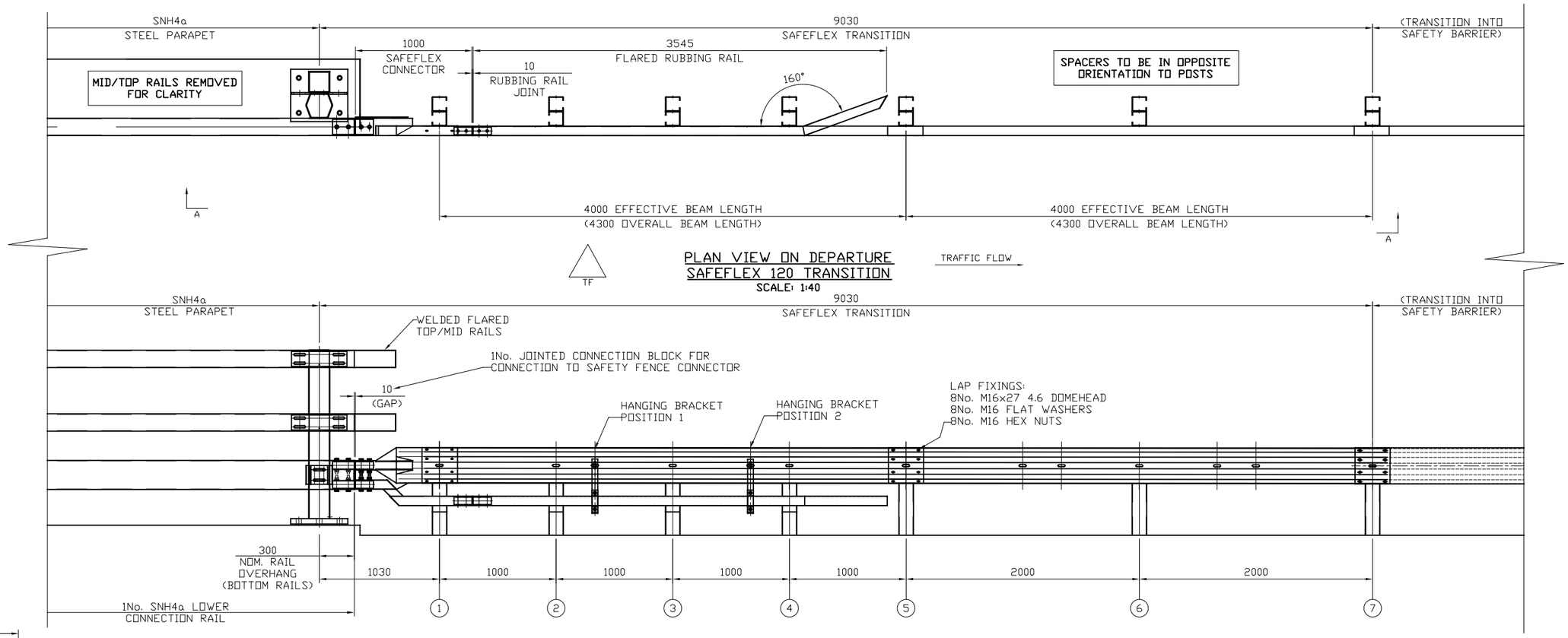
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

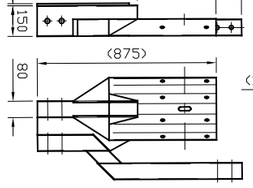
IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

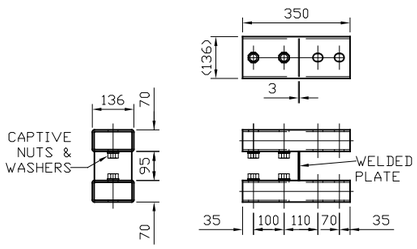


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

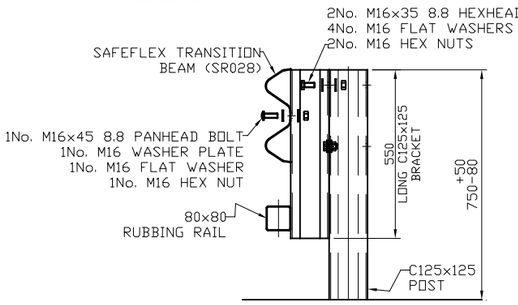
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



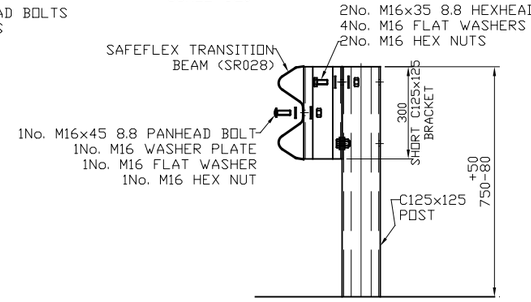
DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30



JOINTED CONNECTION
BLOCK DETAIL
SCALE: 1:20

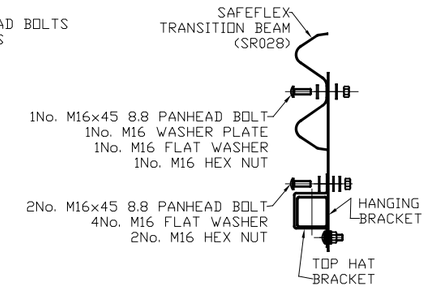


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

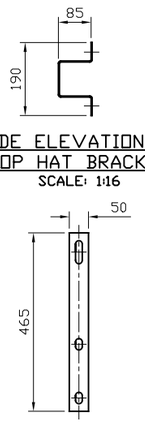


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A

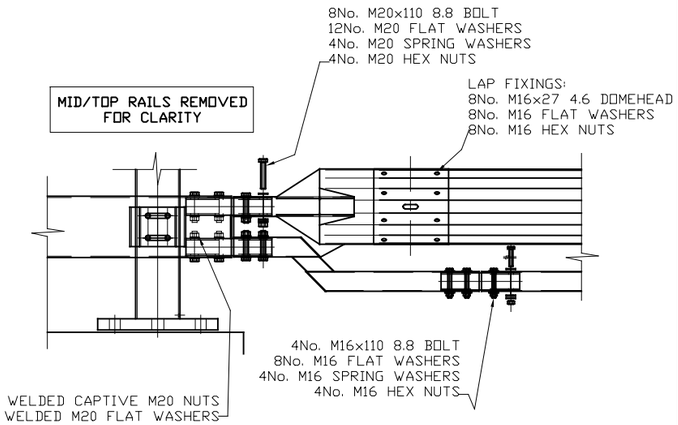


HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16



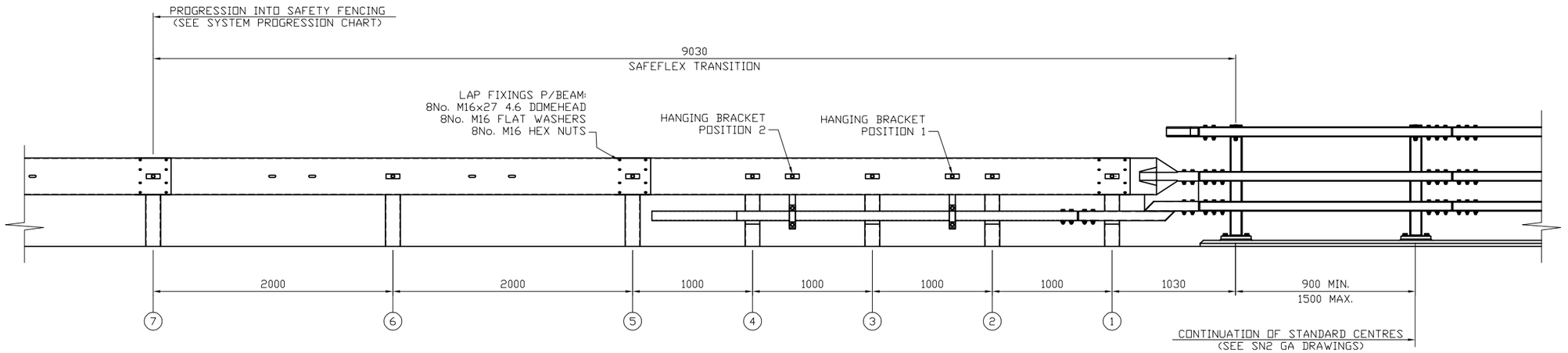
SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:25

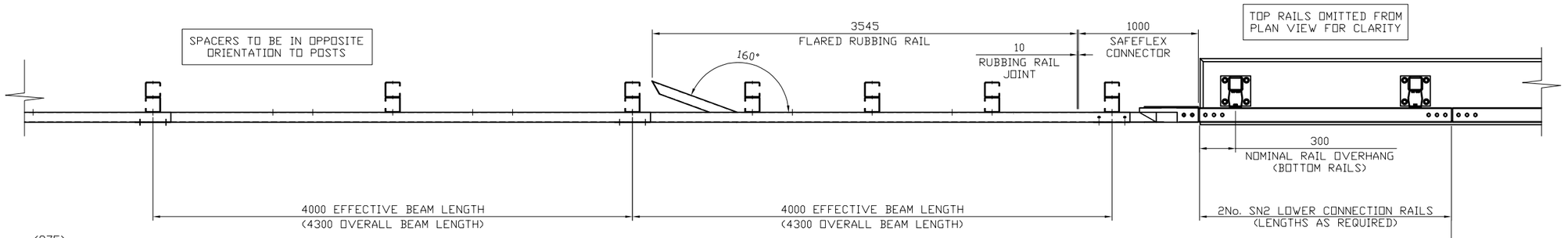
REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

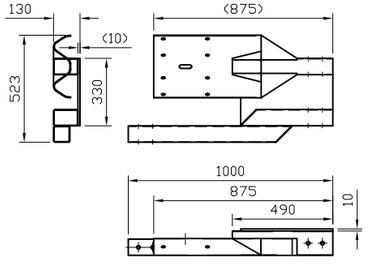
SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:–
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SNH4a STEEL PARAPET

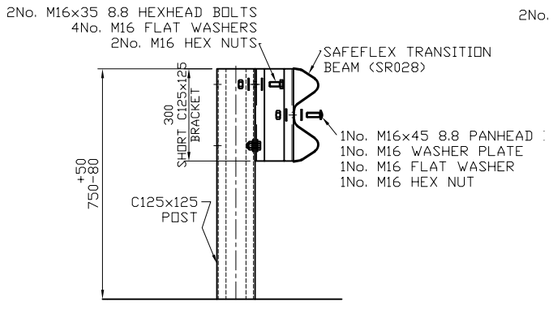
ORDER No:–			
ISSUE DATE:–			
MATL:–	DRAWN:– H.BRYDON	CHECKED:– J.C	CHECKED QA:–
PROJECTION:–	DATE:– 27/02/24	SCALE:– 1:40	APPROVED:–
	DRG NO:– UK 27087		REV:– 01



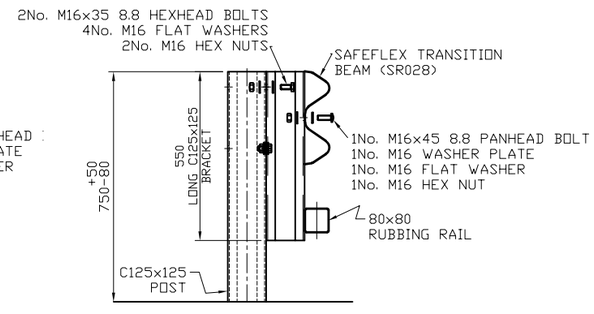




APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

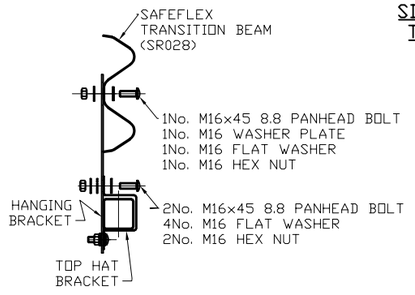


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20

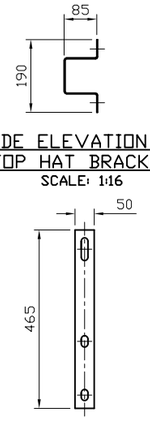


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

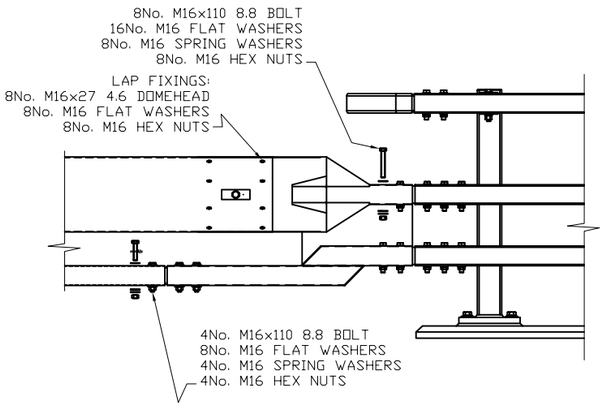


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



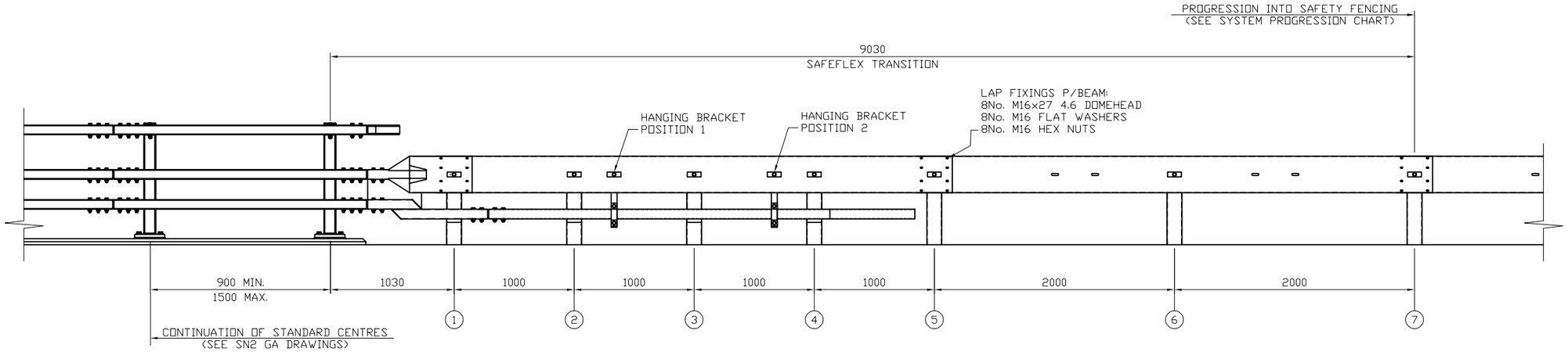
SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:8

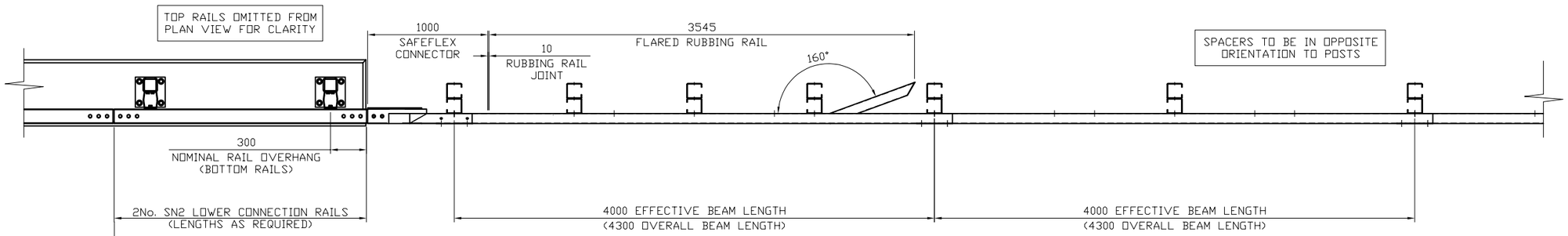
REVN.	DATE	REMARKS	SIG.
03	10/04/26	PARAPET CONNECTION CENTRES AMENDED	H.B
02	10/09/24	LAP BOLT GRADE AMENDED	H.B
01	08/04/24	ADDITIONAL PARAPET POST ADDED	H.B

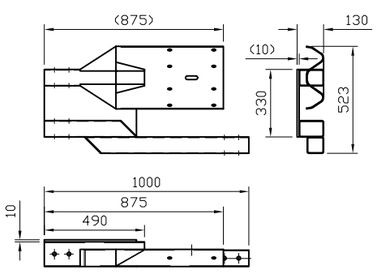
SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281476

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN2(W4) STEEL PARAPET

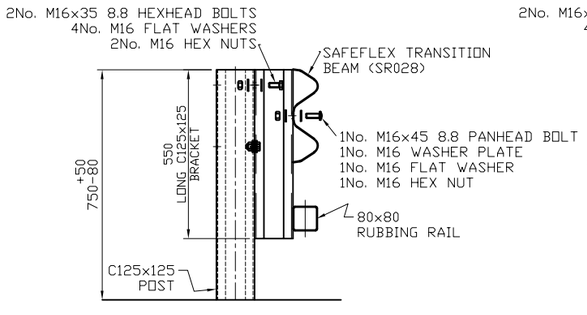
ORDER No:-
ISSUE DATE:-
MATL:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
PROJECTION:-
DATE:- 06/03/24
SCALE:- 1:40
APPROVED:-
DRG NO:- UK 27143
REV:- 03



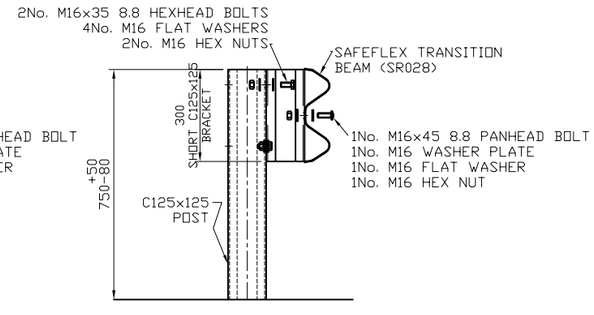




DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

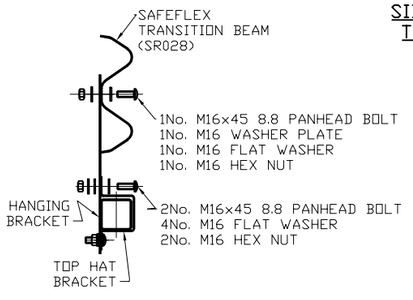


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20

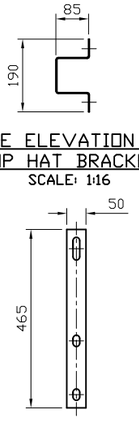


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20

HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A

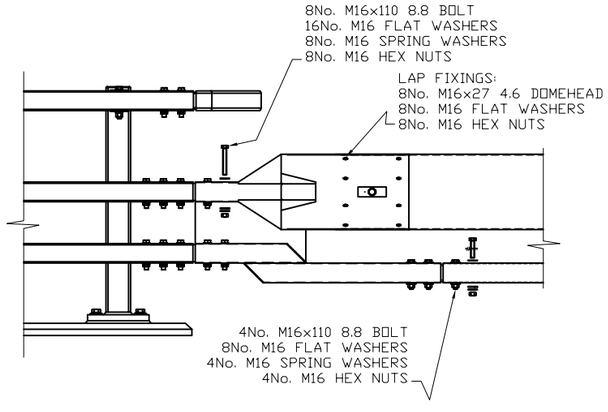


HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



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

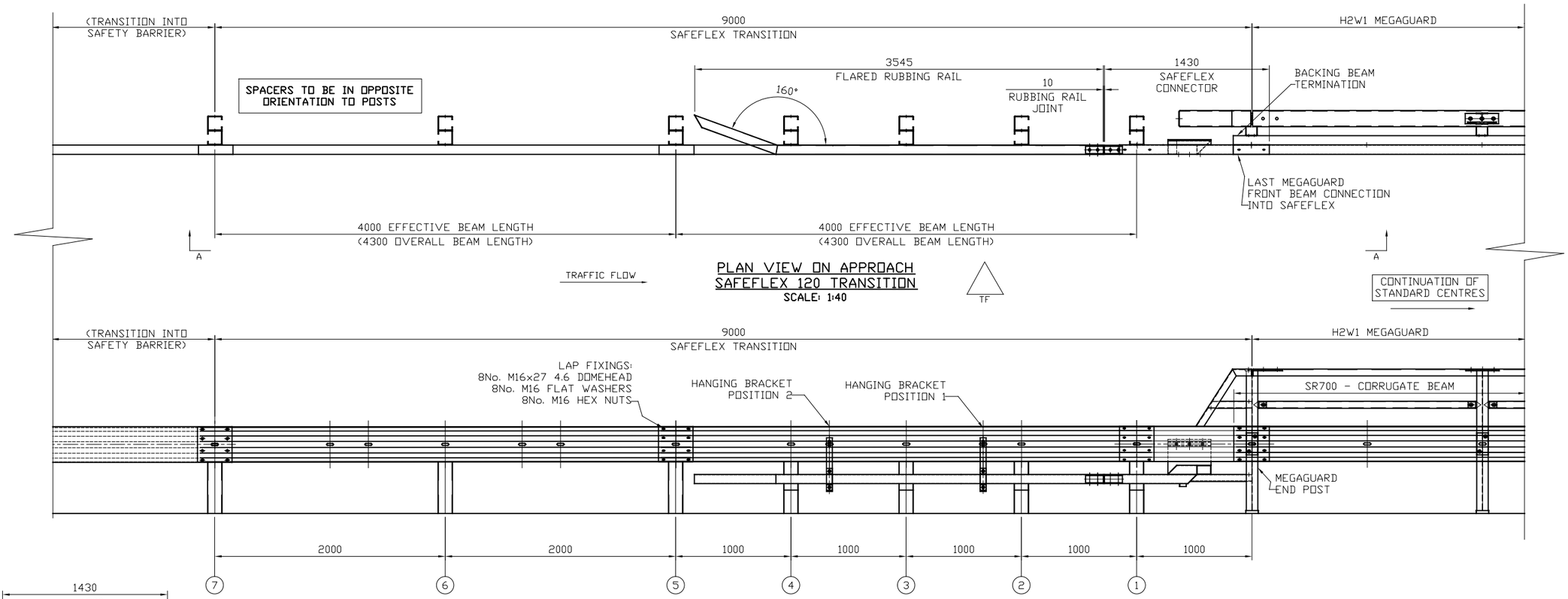
REVN.	DATE	REMARKS	SIG.
03	10/04/26	PARAPET CONNECTION CENTRES AMENDED	H.B
02	10/09/24	LAP BOLT GRADE AMENDED	H.B
01	08/04/24	ADDITIONAL PARAPET POST ADDED	H.B

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN2(W4) STEEL PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
PROJECTION:-
DATE:- 06/03/24
SCALE:- 1:40
APPROVED:-
DRG NO:- UK 27144
REV:- 03

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.

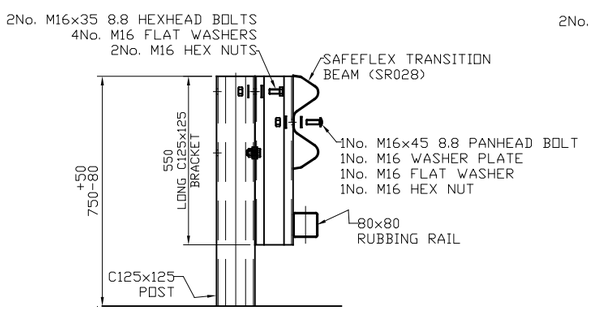


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

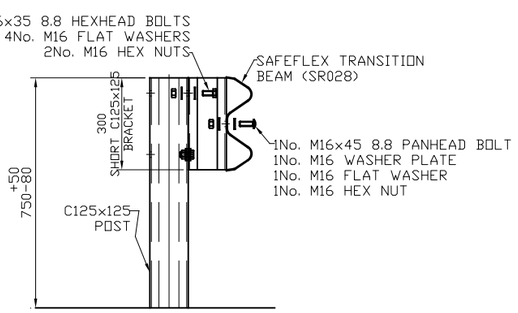


APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

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

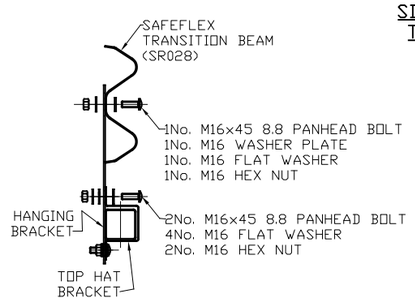


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

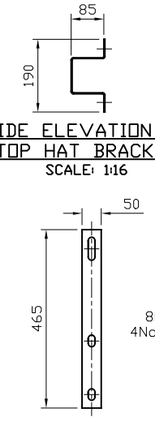


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

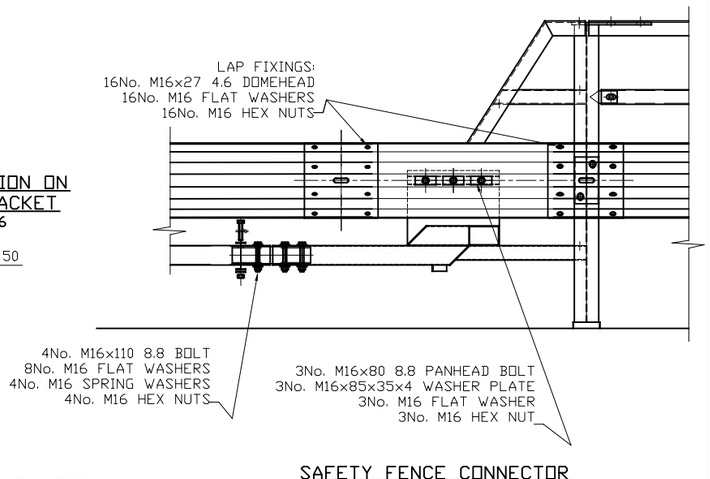


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:25

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

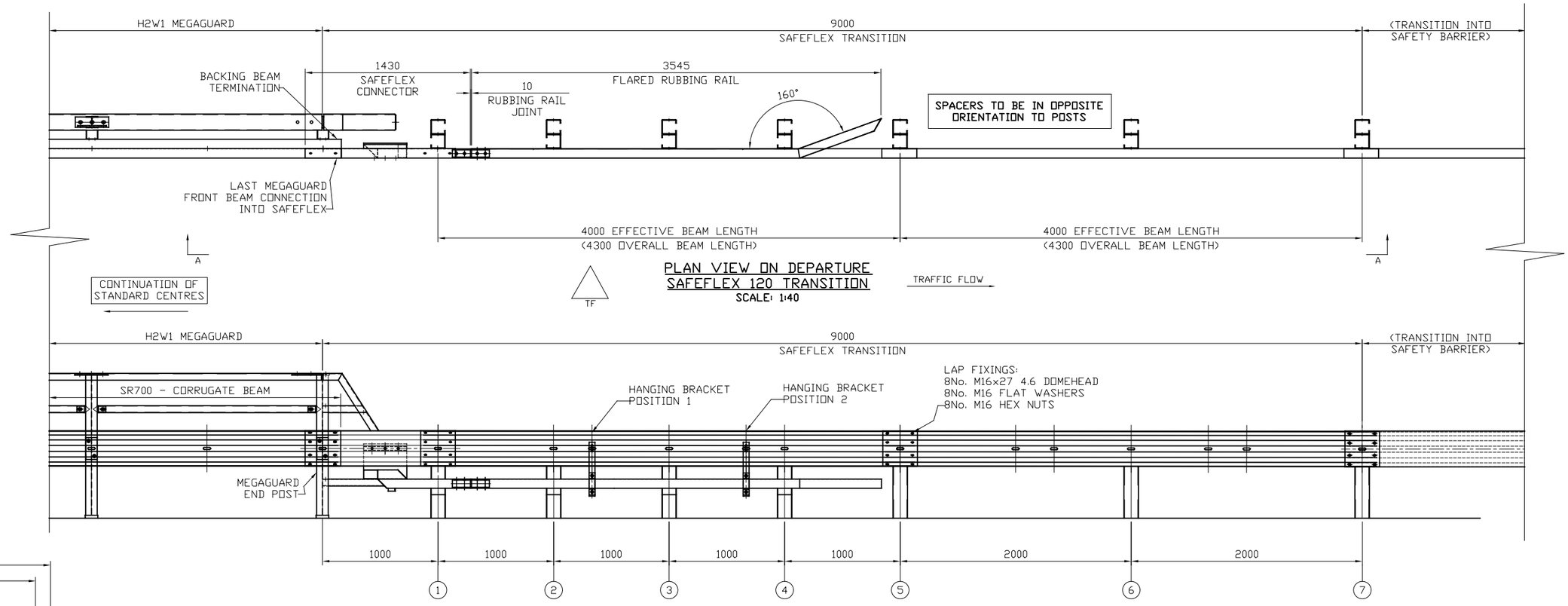
SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 281119 Fax: 01724 281476

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO H2W1 MEGAGUARD STEEL PARAPET

ORDER No:-			
ISSUE DATE:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
	PROJECTION:-	DATE:- 26/04/24	SCALE:- 1:40
		DRG NO:- UK 27460	REV:- 01

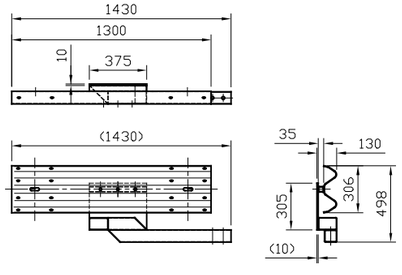
CHECKED QA:-
APPROVED:-

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (+)	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.

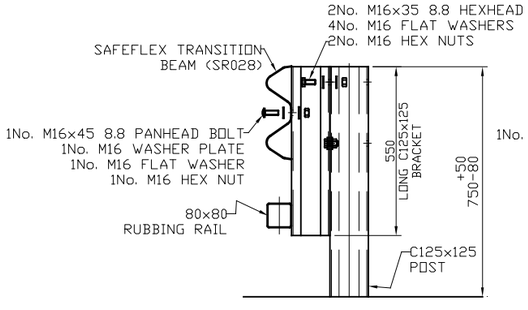


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

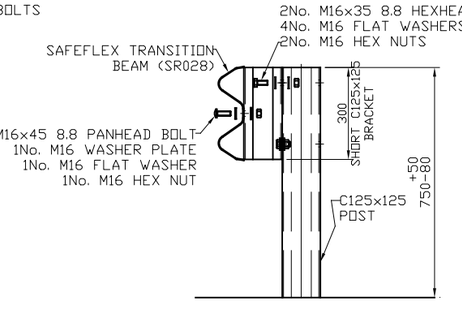
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



DEPARTURE SAFEFLEX 120
CONNECTOR DETAIL
SCALE: 1:30

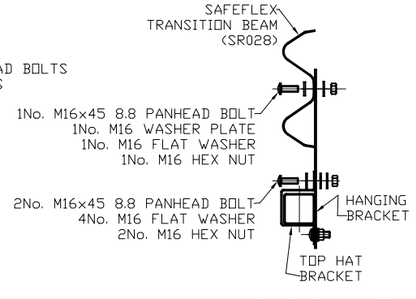


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

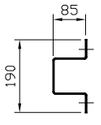


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

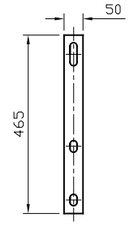
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



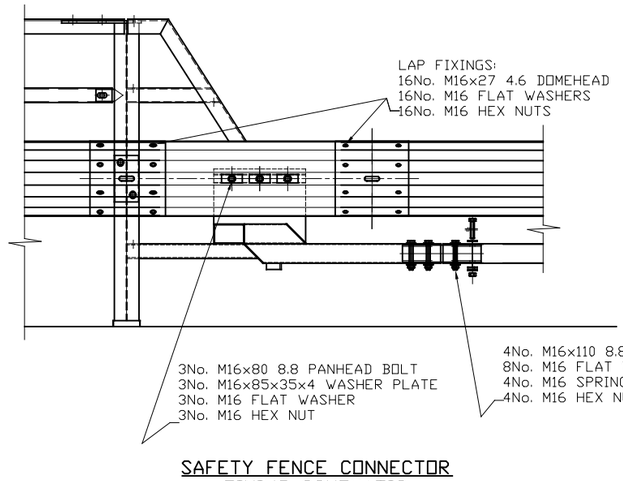
HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:25

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO H2W1 MEGAGUARD STEEL PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C	CHECKED QA:-
ISSUE DATE:-	PROJECTION:-	DATE:- 26/04/24	SCALE:- 1:40	APPROVED:-
		DRG NO:- UK 27461		REV:- 01

WELDING SYMBOLS

FILLET | SEAL | SHOP WELD | WELD ALL ROUND IN SHOP | WELD FAR SIDE
BEVEL BUTT | DOUBLE VEE BUTT | SITE WELD | WELD ALL ROUND ON SITE | WELD NEAR SIDE
SQUARE BUTT | SINGLE VEE BUTT SEAL ON REVERSE | | | WELD 2" MISS 4" 2" (4")

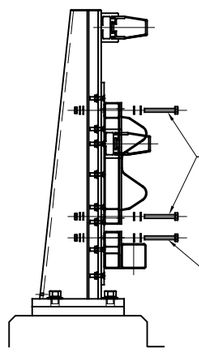
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

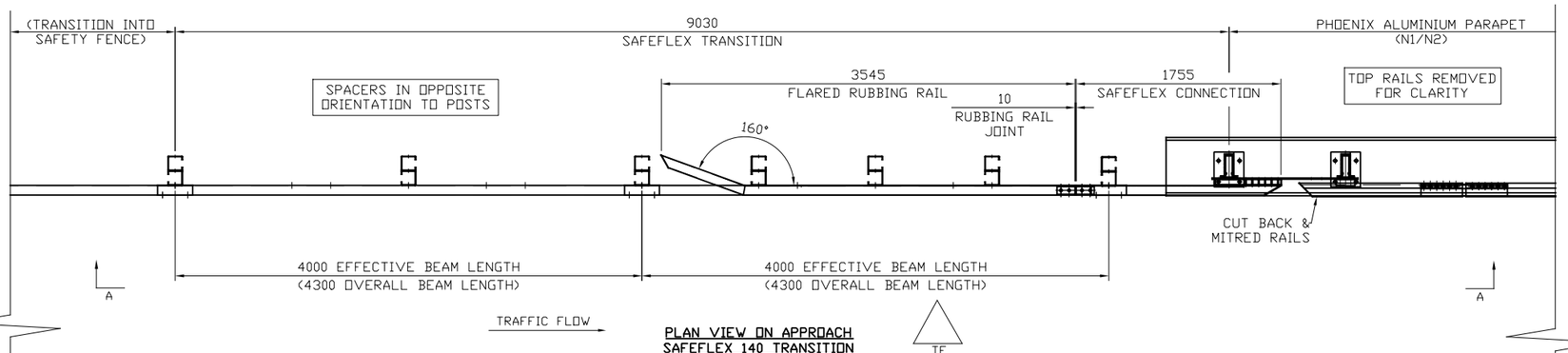


BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

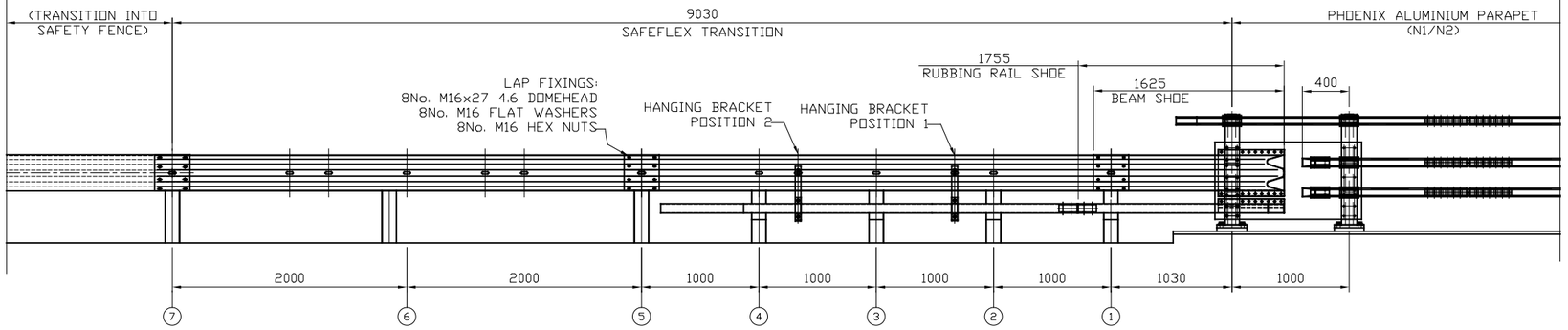
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

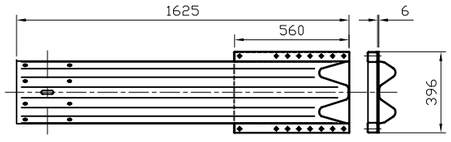
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



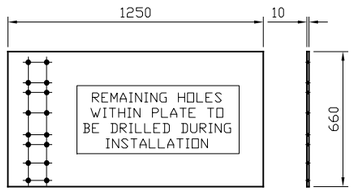
PLAN VIEW ON APPROACH SAFEFLEX 140 TRANSITION
SCALE: 1:50



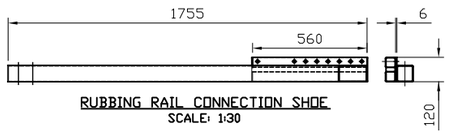
A-A
(ELEVATION ON APPROACH SAFEFLEX 140 TRANSITION)
SCALE: 1:50



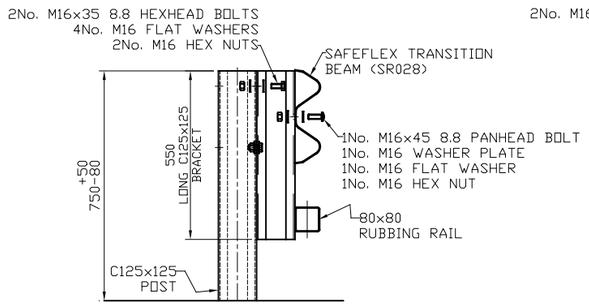
BEAM CONNECTION SHOE
SCALE: 1:30



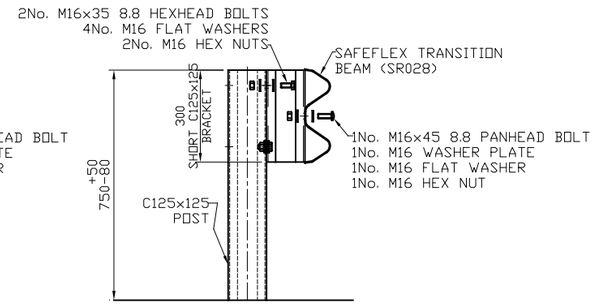
CONNECTION PLATE
SCALE: 1:30



RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

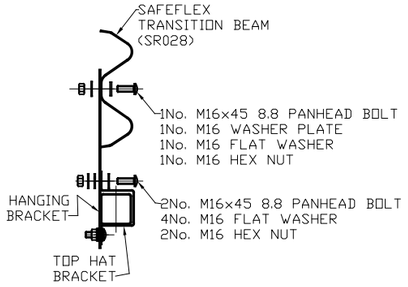


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

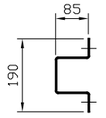


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

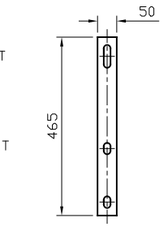
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



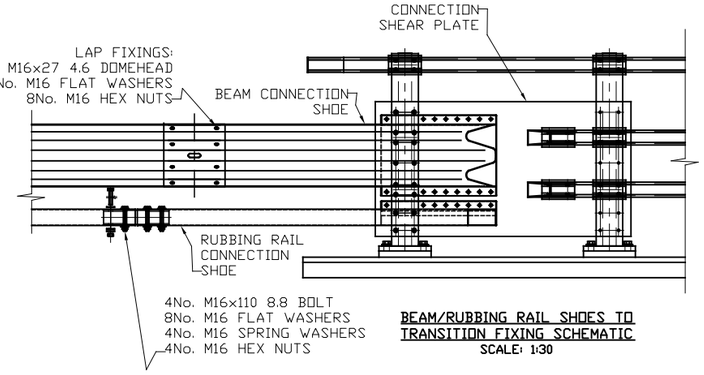
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 283119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO PHOENIX N1/N2 ALUMINIUM PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 19/08/24	SCALE:- 1:50
		DRG NO:- UK 27700	REV:- 01
			CHECKED QA:-
			APPROVED:-

WELDING SYMBOLS

FILLET · SEAL · BEVEL BUTT · DOUBLE VEE BUTT · SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE

SHOP WELD · SITE WELD · WELD ALL ROUND IN SHOP · WELD ALL ROUND ON SITE · WELD FAR SIDE · WELD NEAR SIDE · WELD 2" MISS 4" 2" (4")

MACHINING NOTES

MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

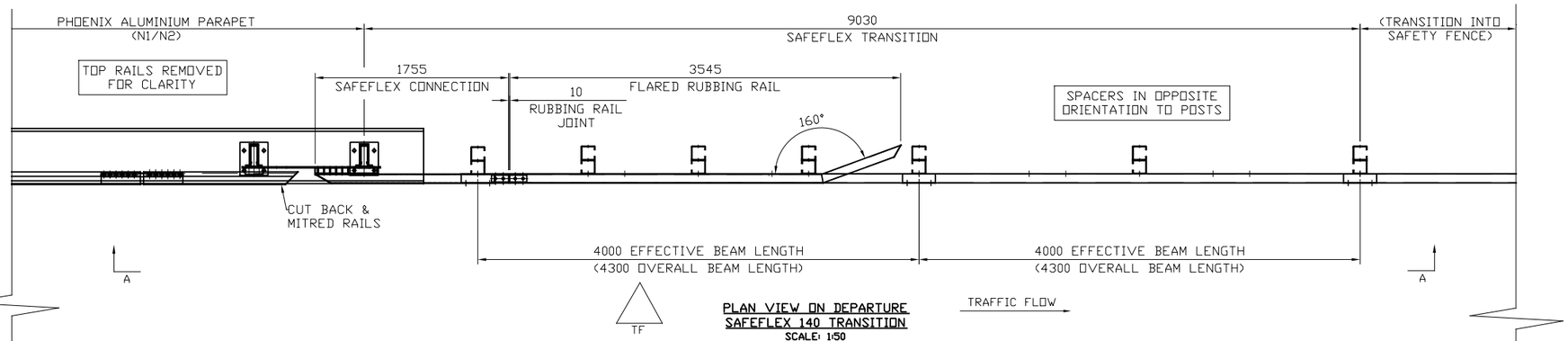
FABRICATION NOTES

TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

IF IN DOUBT,ASK.

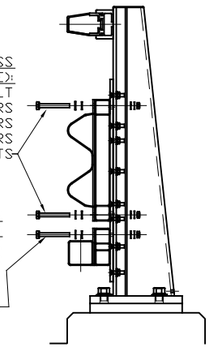
DRAWING NOT TO BE SCALED.



PLAN VIEW ON DEPARTURE SAFEFLEX 140 TRANSITION
SCALE: 1:50

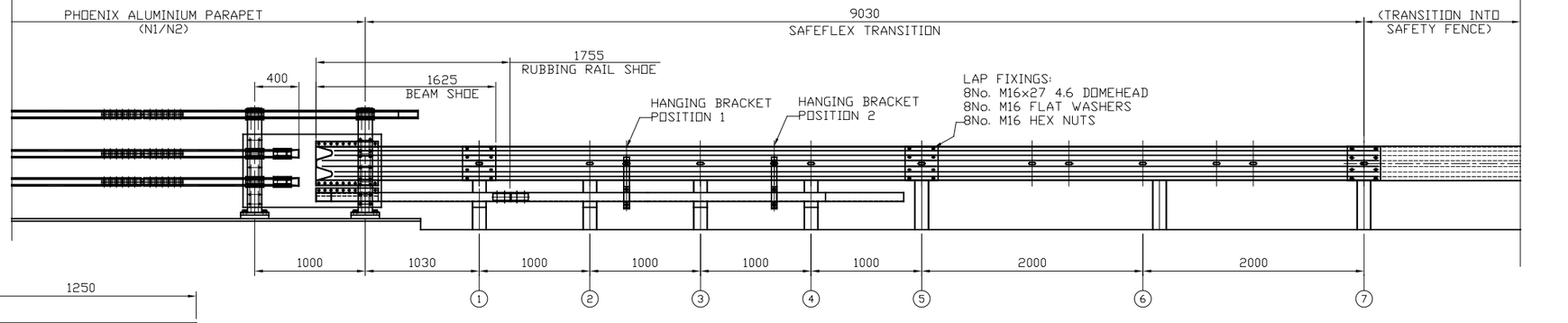
BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

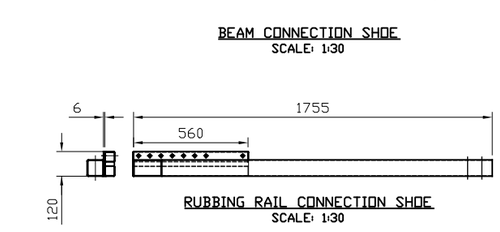


SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

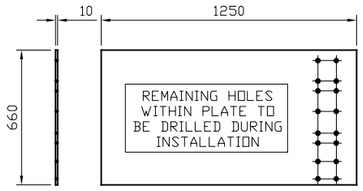
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



A-A
(ELEVATION ON DEPARTURE SAFEFLEX 140 TRANSITION)
SCALE: 1:50

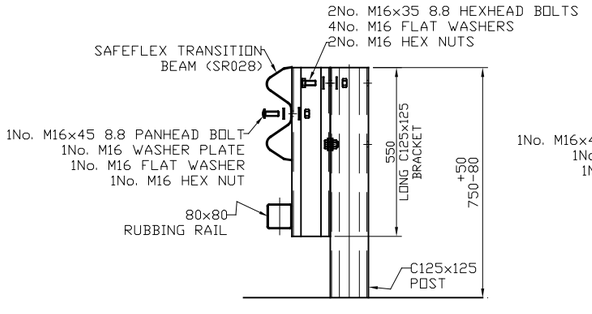


BEAM CONNECTION SHOE
SCALE: 1:30

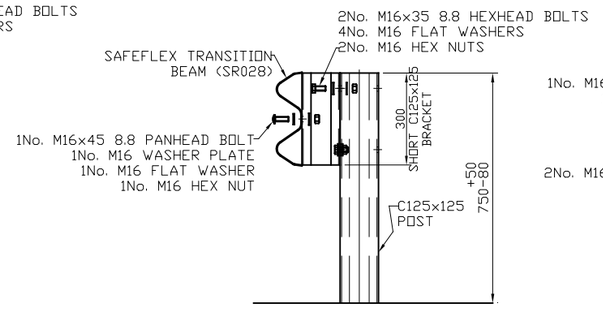


CONNECTION PLATE
SCALE: 1:30

RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

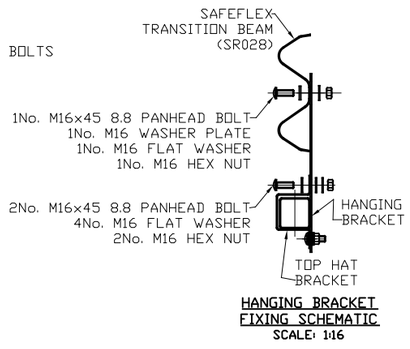


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

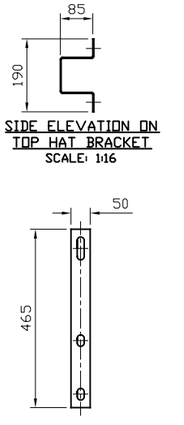


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

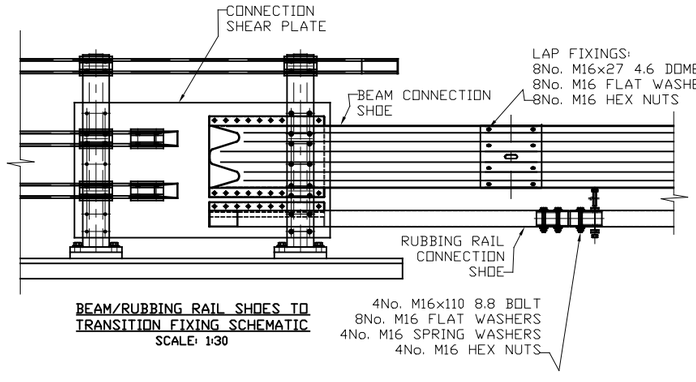


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO PHOENIX N1/N2 ALUMINIUM PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 19/08/24	SCALE:- 1:50
		DRG NO:- UK 27701	REV:- 01
			CHECKED QA:-
			APPROVED:-

WELDING SYMBOLS

FILLET · SEAL · BEVEL BUTT · DOUBLE VEE BUTT · SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE · SHOP WELD · SITE WELD · WELD ALL ROUND IN SHOP · WELD ALL ROUND ON SITE · WELD FAR SIDE · WELD NEAR SIDE · WELD 2" MISS 4" 2" (4")

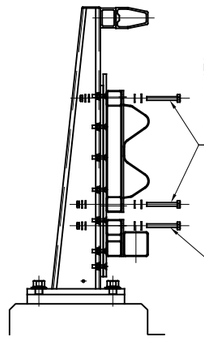
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

IF IN DOUBT,ASK.

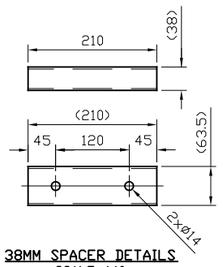
DRAWING NOT TO BE SCALED.



BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

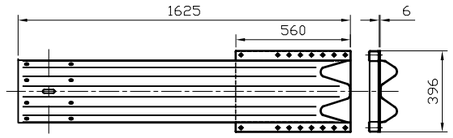
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

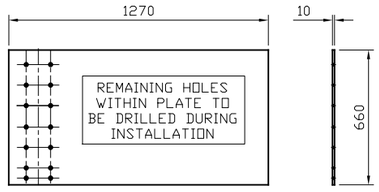


38MM SPACER DETAILS
SCALE: 1:10

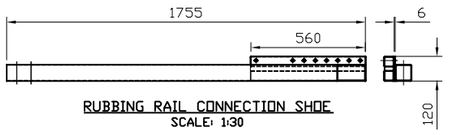
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



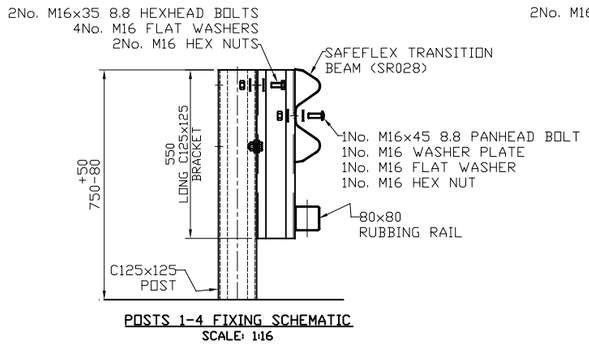
BEAM CONNECTION SHOE
SCALE: 1:30



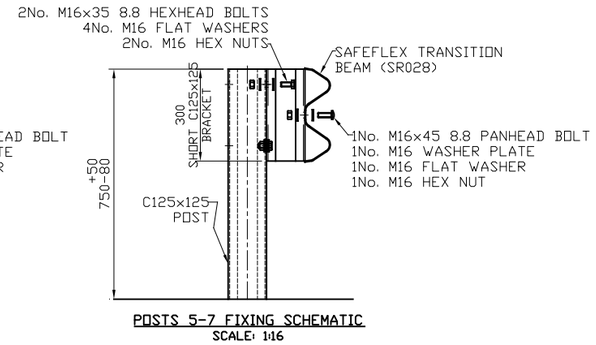
CONNECTION PLATE
SCALE: 1:30



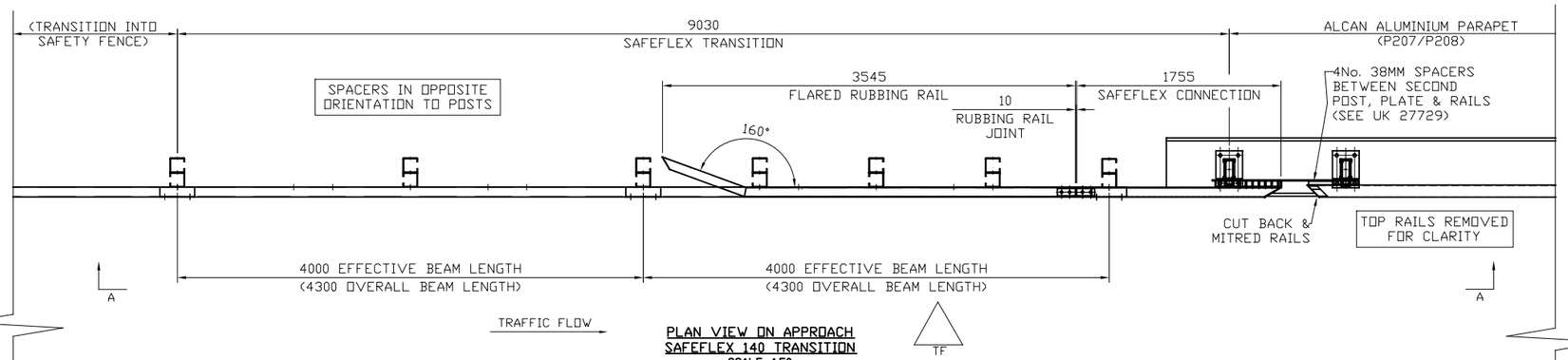
RUBBING RAIL CONNECTION SHOE
SCALE: 1:30



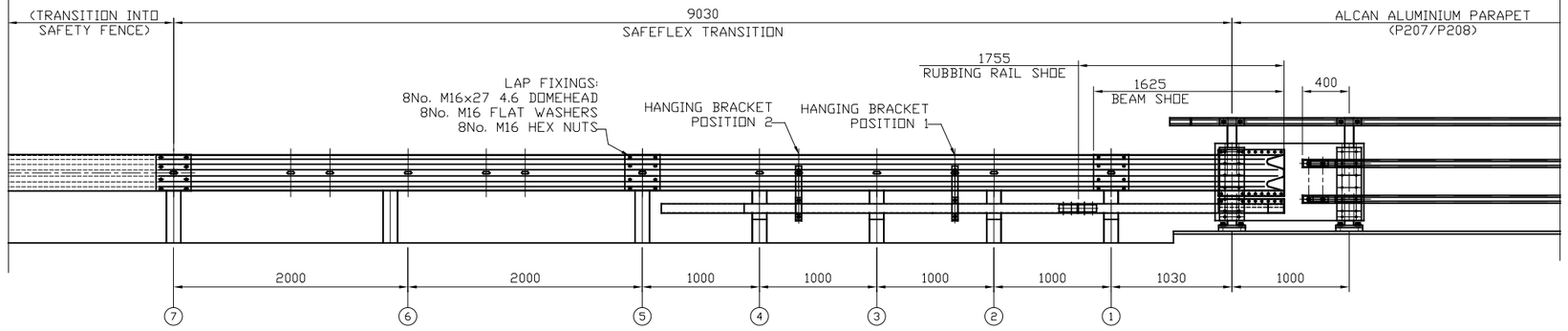
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

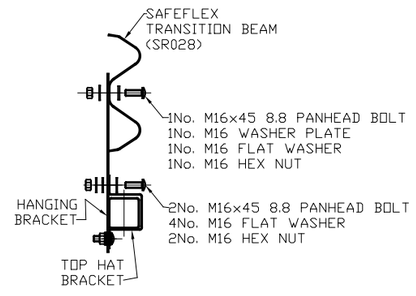


PLAN VIEW ON APPROACH SAFEFLEX 140 TRANSITION
SCALE: 1:50

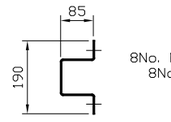


A-A
(ELEVATION ON APPROACH SAFEFLEX 140 TRANSITION)
SCALE: 1:50

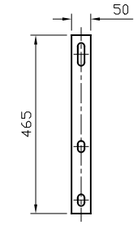
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



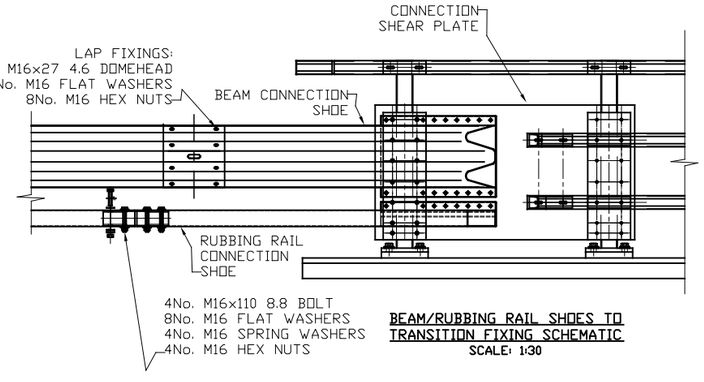
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 6XE
Tel: 01724 283119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO ALCAN P207/P208 ALUMINIUM PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 20/08/24	SCALE:- 1:50
		DRG NO:- UK 27705	REV:- 01
			CHECKED QA:-
			APPROVED:-

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUTT · SINGLE VEE BUT SEAL ON REVERSE · WELD 2" MISS 4" 2" (4")

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

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

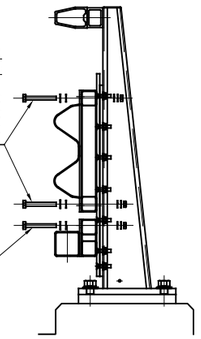
WELDING SPECIFICATION

IF IN DOUBT,ASK.

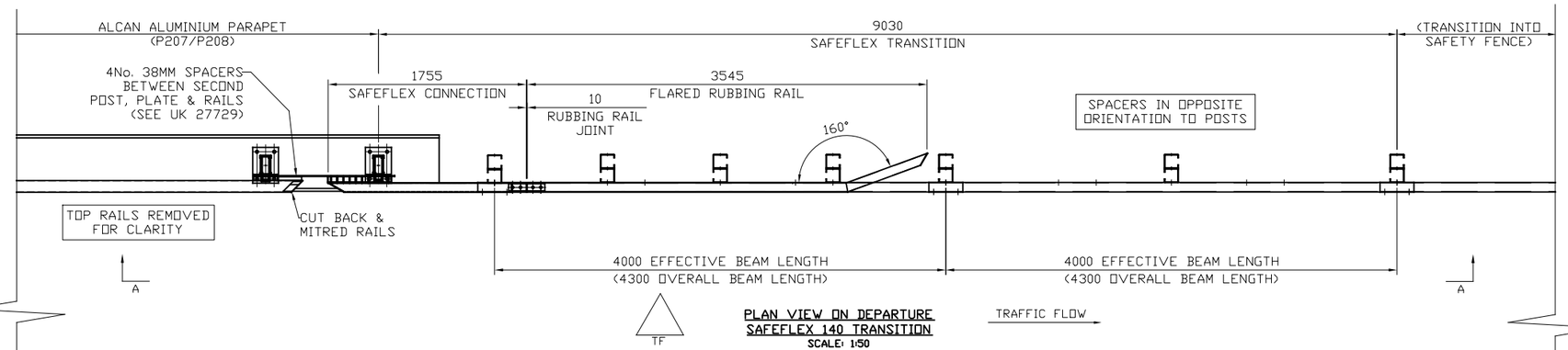
DRAWING NOT TO BE SCALED.

BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

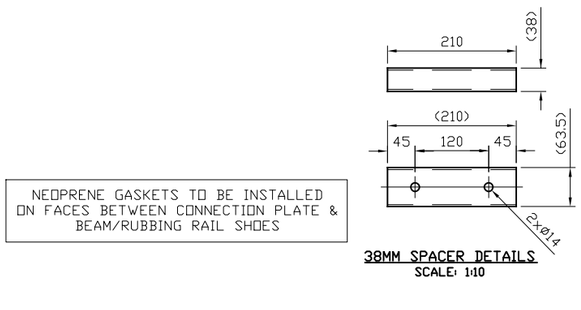
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS



SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

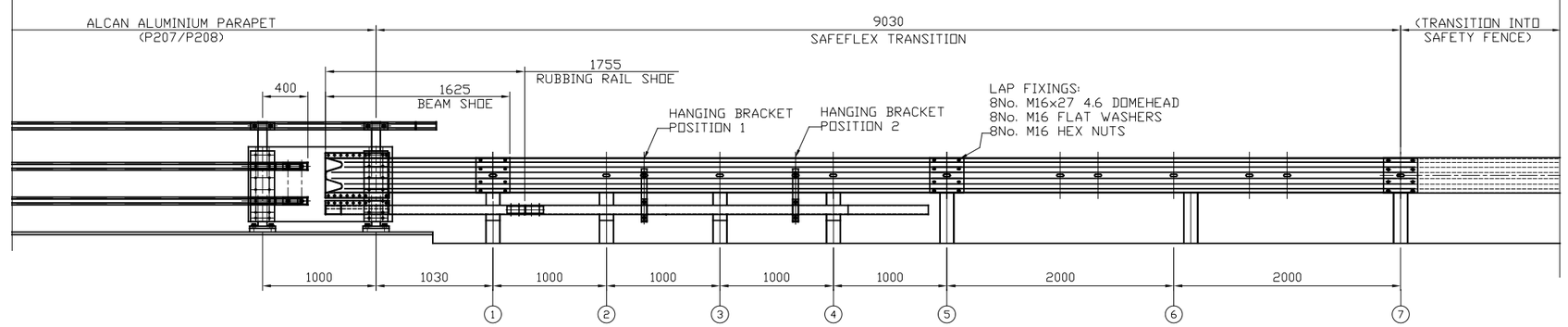


PLAN VIEW ON DEPARTURE SAFEFLEX 140 TRANSITION
SCALE: 1:50
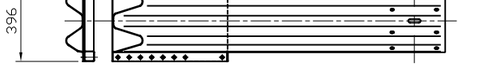


NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES

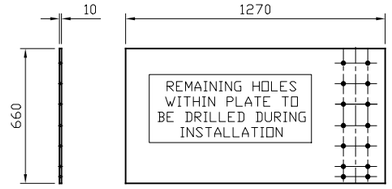
38MM SPACER DETAILS
SCALE: 1:10



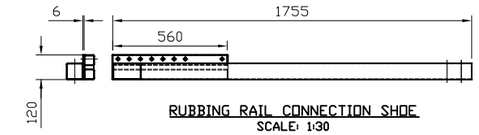
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 140 TRANSITION)
SCALE: 1:50



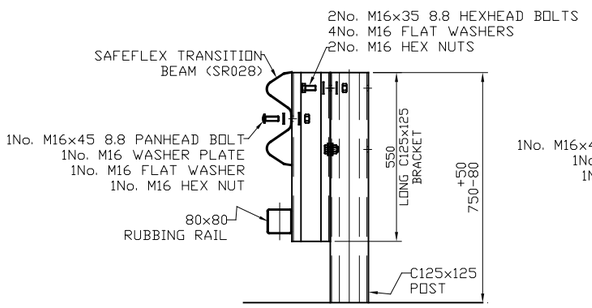
BEAM CONNECTION SHOE
SCALE: 1:30



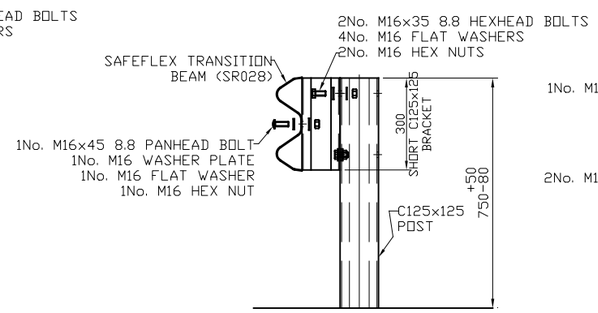
CONNECTION PLATE
SCALE: 1:30



RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

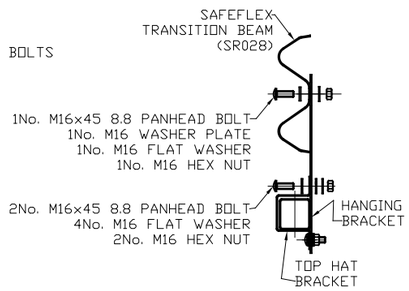


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

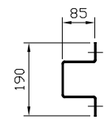


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

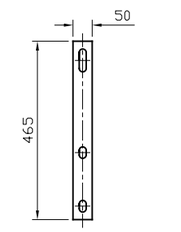
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



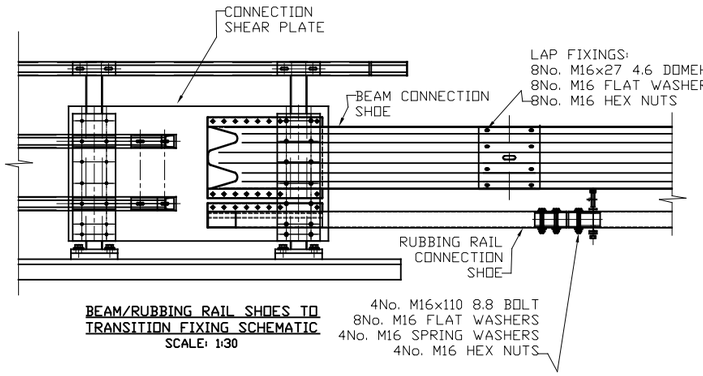
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO ALCAN P207/P208 ALUMINIUM PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
PROJECTION:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
DATE:- 20/08/24
SCALE:- 1:50
APPROVED:-
DRG NO:- UK 27706
REV:- 01

WELDING SYMBOLS

FILLET | SEAL | SHOP WELD | WELD ALL ROUND IN SHOP | WELD FAR SIDE
BEVEL BUTT | DOUBLE VEE BUTT | SITE WELD | WELD ALL ROUND ON SITE | WELD NEAR SIDE
SQUARE BUT | SINGLE VEE BUTT SEAL ON REVERSE | | | WELD 2" MISS 4" 2" (4")

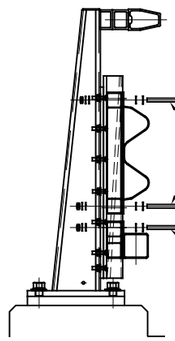
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

IF IN DOUBT,ASK.

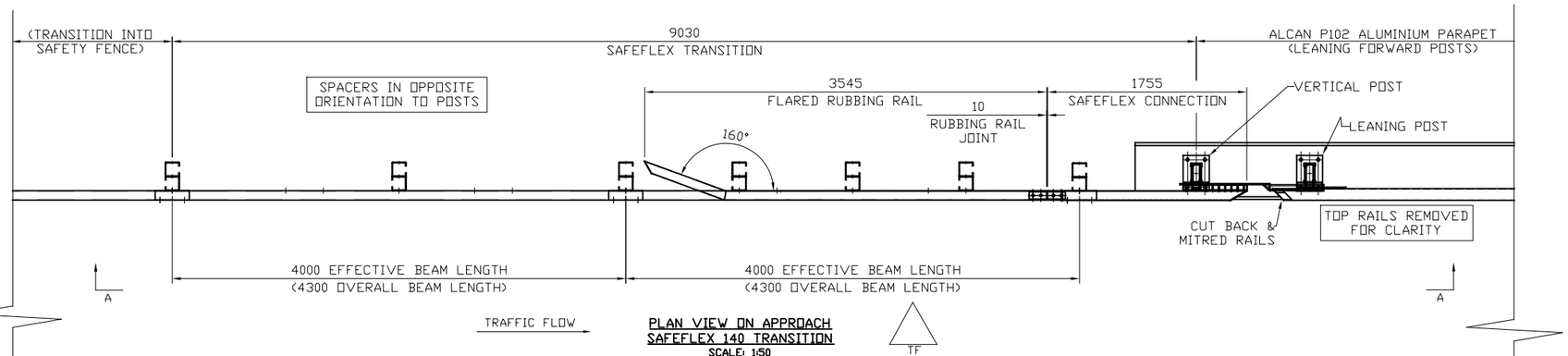
DRAWING NOT TO BE SCALED.



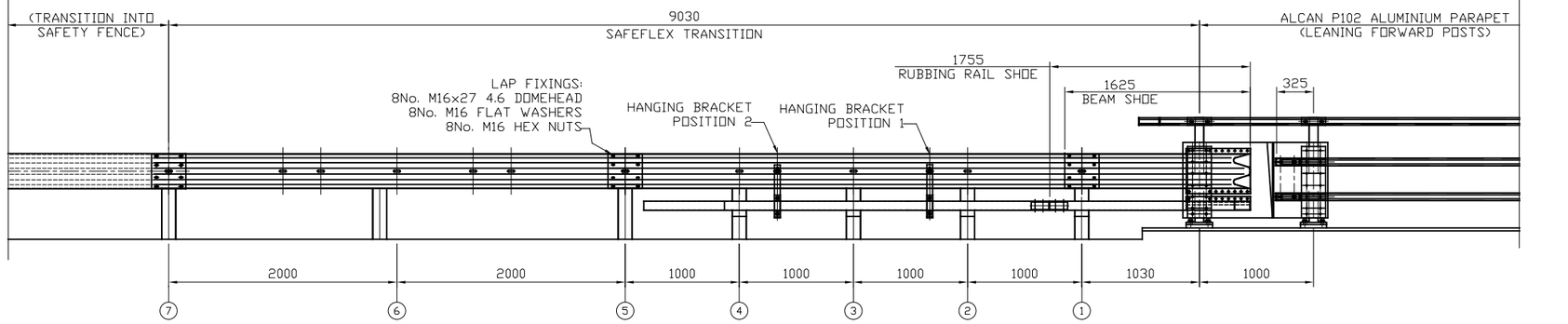
BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

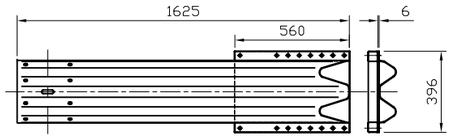


PLAN VIEW ON APPROACH SAFEFLEX 140 TRANSITION
SCALE: 1:50

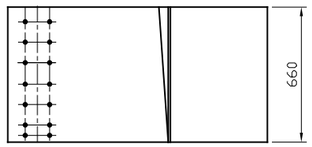


A-A
(ELEVATION ON APPROACH SAFEFLEX 140 TRANSITION)
SCALE: 1:50

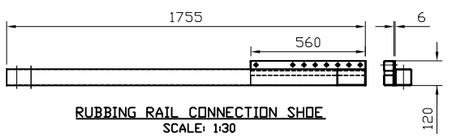
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



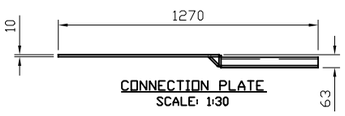
BEAM CONNECTION SHOE
SCALE: 1:30



REMAINING HOLES WITHIN PLATE TO BE DRILLED DURING INSTALLATION

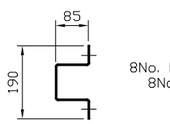


RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

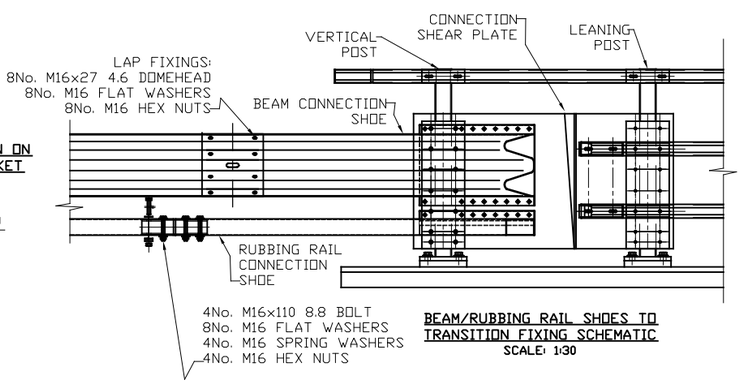


CONNECTION PLATE
SCALE: 1:30

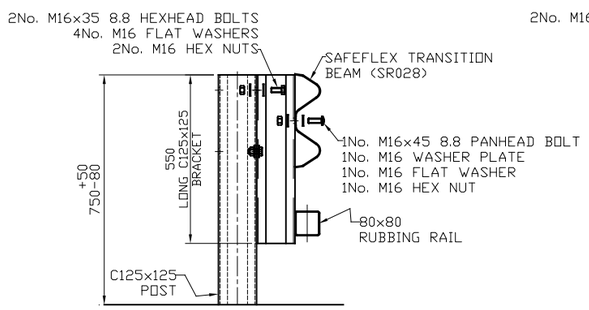
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



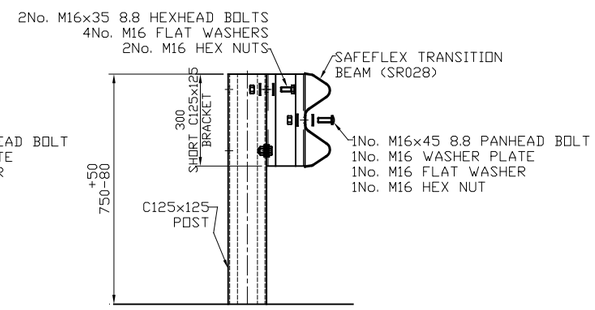
SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



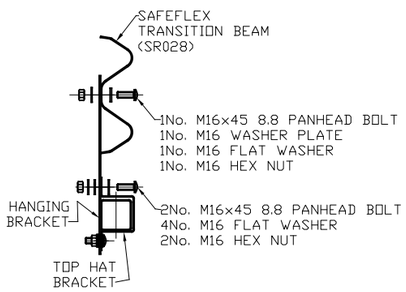
BEAM/RUBBING RAIL SHOES TO TRANSITION FIXING SCHEMATIC
SCALE: 1:30



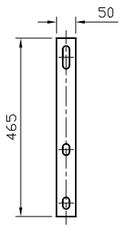
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO ALCAN P102 ALUMINIUM PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
PROJECTION:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
DATE:- 21/08/24
SCALE:- 1:50
APPROVED:-
DRG NO:- UK 27707
REV:- 01

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE · WELD 2" MISS 4" 2" (4")

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

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

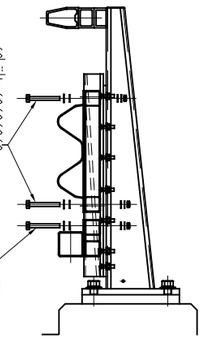
WELDING SPECIFICATION

IF IN DOUBT,ASK.

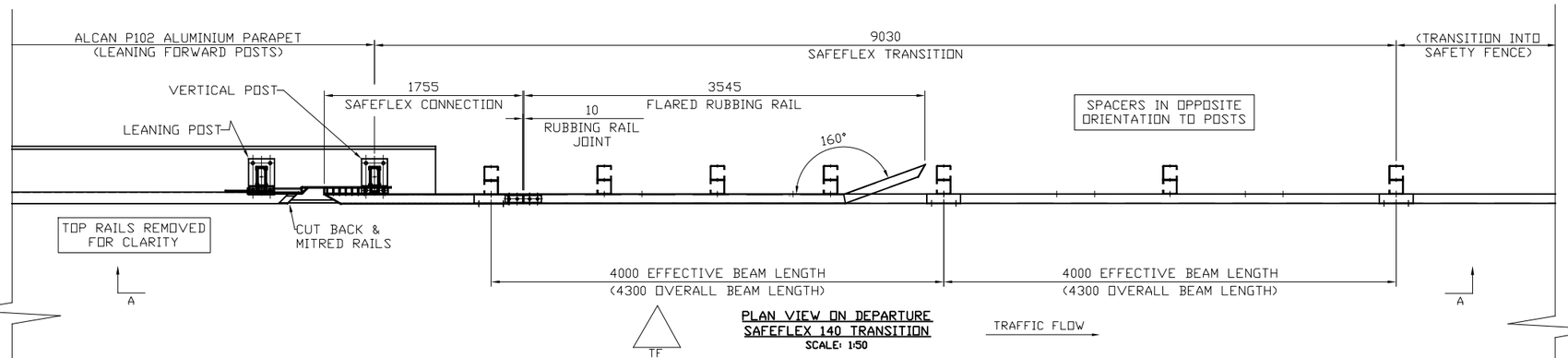
DRAWING NOT TO BE SCALED.

BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

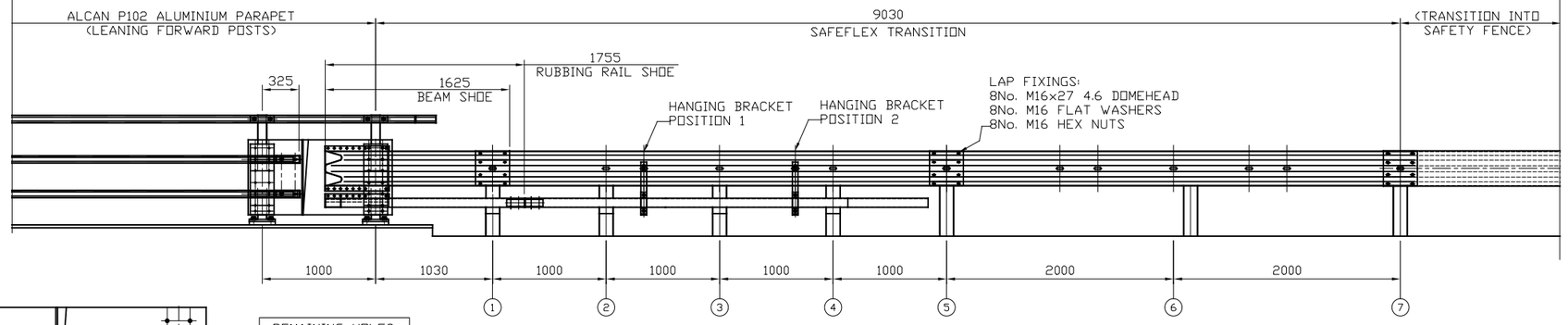
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS



SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

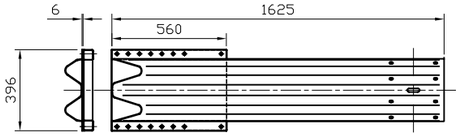


PLAN VIEW ON DEPARTURE SAFEFLEX 140 TRANSITION
SCALE: 1:50



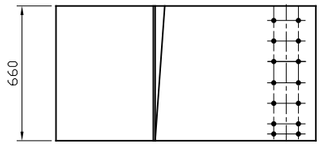
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 140 TRANSITION)
SCALE: 1:50

NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES

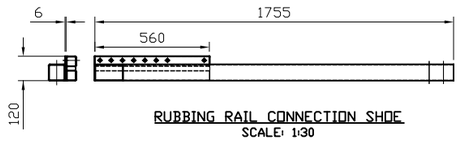


BEAM CONNECTION SHOE
SCALE: 1:30

REMAINING HOLES WITHIN PLATE TO BE DRILLED DURING INSTALLATION

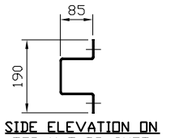


CONNECTION PLATE
SCALE: 1:30

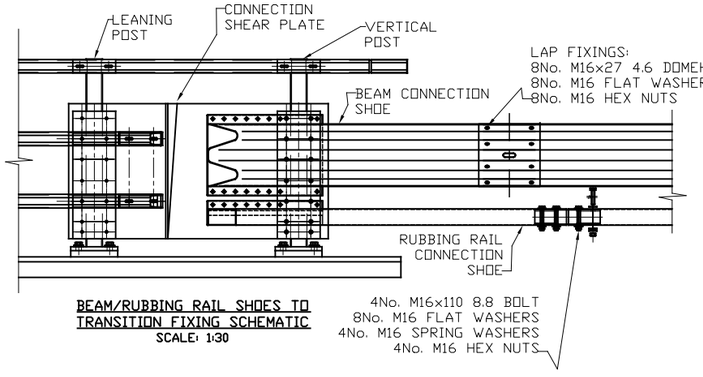


RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

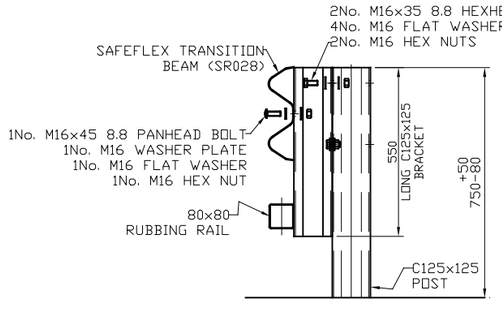
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



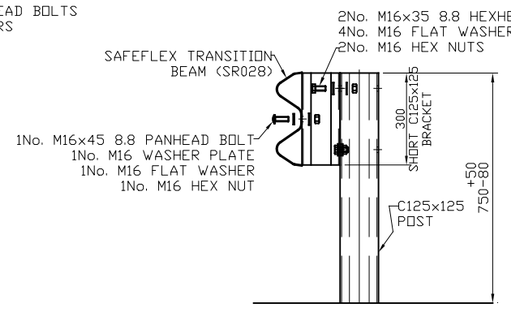
SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



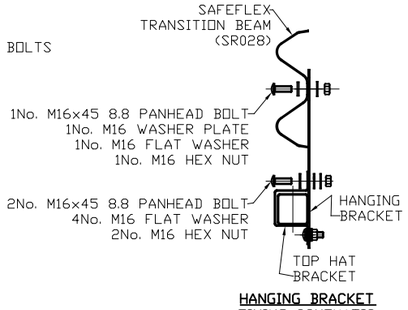
BEAM/RUBBING RAIL SHOES TO TRANSITION FIXING SCHEMATIC
SCALE: 1:30



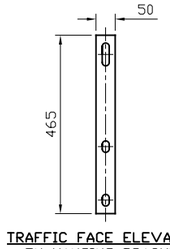
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16

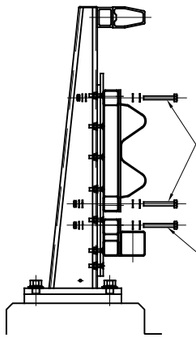
REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO ALCAN P102 ALUMINIUM PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
PROJECTION:-
DATE:- 21/08/24
SCALE:- 1:50
APPROVED:-
DRG NO:- UK 27708
REV:- 01

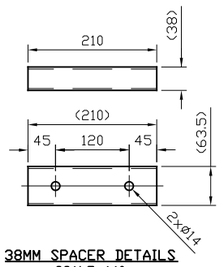
WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, SEAL, BEVEL BUTT, DOUBLE VEE BUTT, SQUARE BUT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.



BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

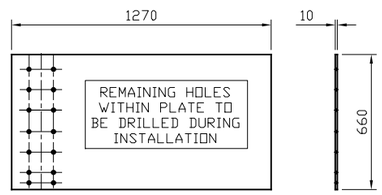
SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20



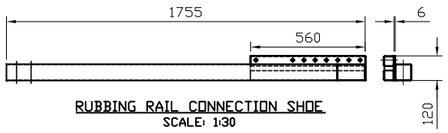
38MM SPACER DETAILS
SCALE: 1:10

NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES

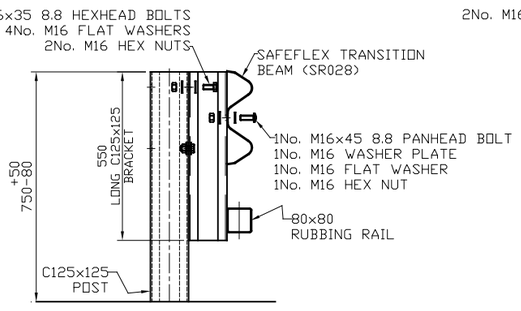
BEAM CONNECTION SHOE
SCALE: 1:30



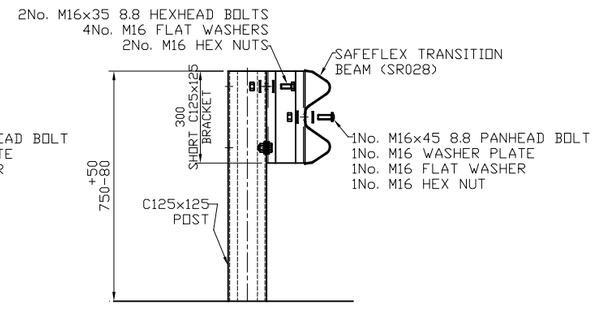
CONNECTION PLATE
SCALE: 1:30



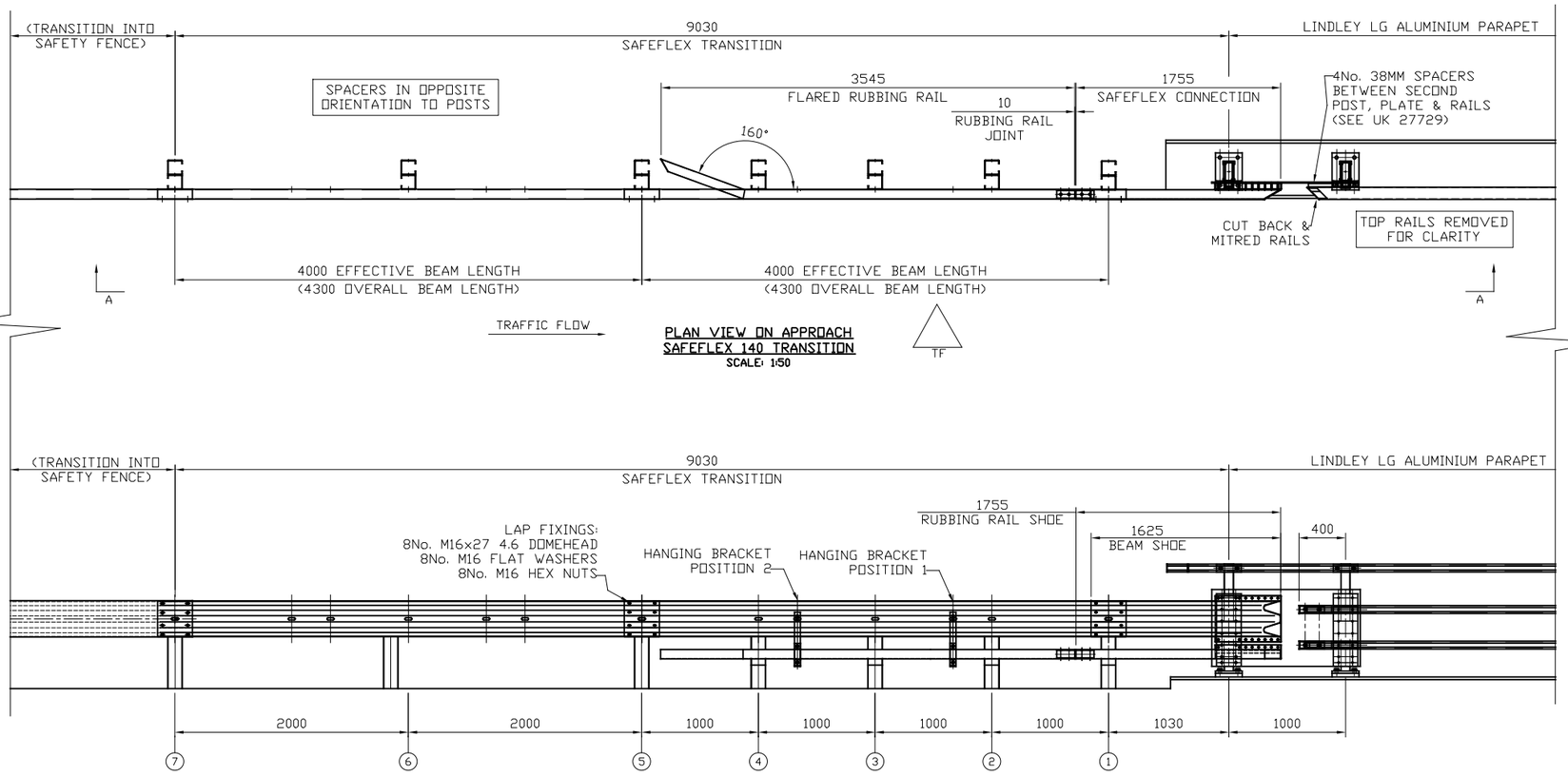
RUBBING RAIL CONNECTION SHOE
SCALE: 1:30



POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



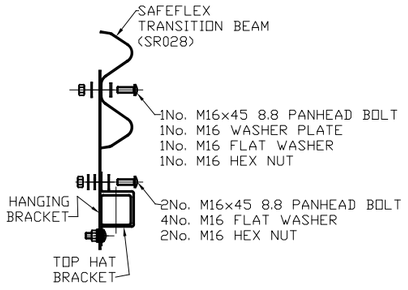
POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



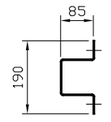
PLAN VIEW ON APPROACH SAFEFLEX 140 TRANSITION
SCALE: 1:50

A-A
(ELEVATION ON APPROACH SAFEFLEX 140 TRANSITION)
SCALE: 1:50

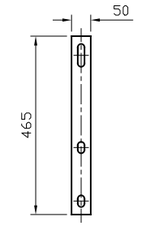
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



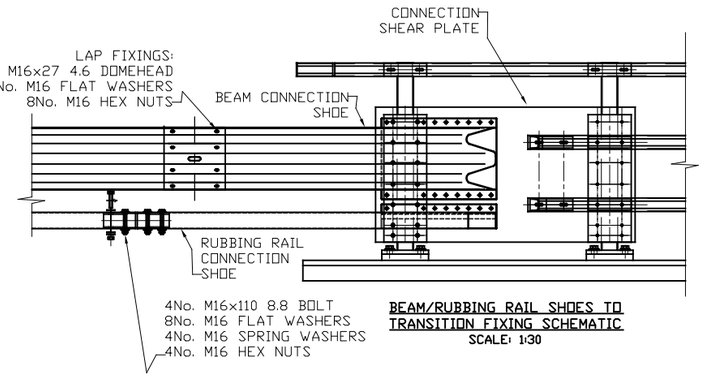
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO LINDLEY LG ALUMINIUM PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 21/08/24	SCALE:- 1:50
		DRG NO:- UK 27709	REV:- 01
			CHECKED QA:-
			APPROVED:-

WELDING SYMBOLS

FILLET | SEAL | SHOP WELD | WELD ALL ROUND IN SHOP | WELD FAR SIDE
BEVEL BUTT | DOUBLE VEE BUTT | SITE WELD | WELD ALL ROUND ON SITE | WELD NEAR SIDE
SQUARE BUTT | SINGLE VEE BUTT SEAL ON REVERSE | | | WELD 2" MISS 4" 2" (4")

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

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

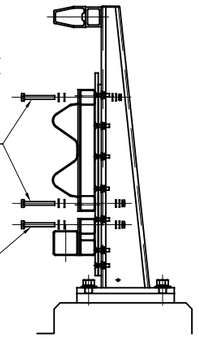
WELDING SPECIFICATION

IF IN DOUBT,ASK.

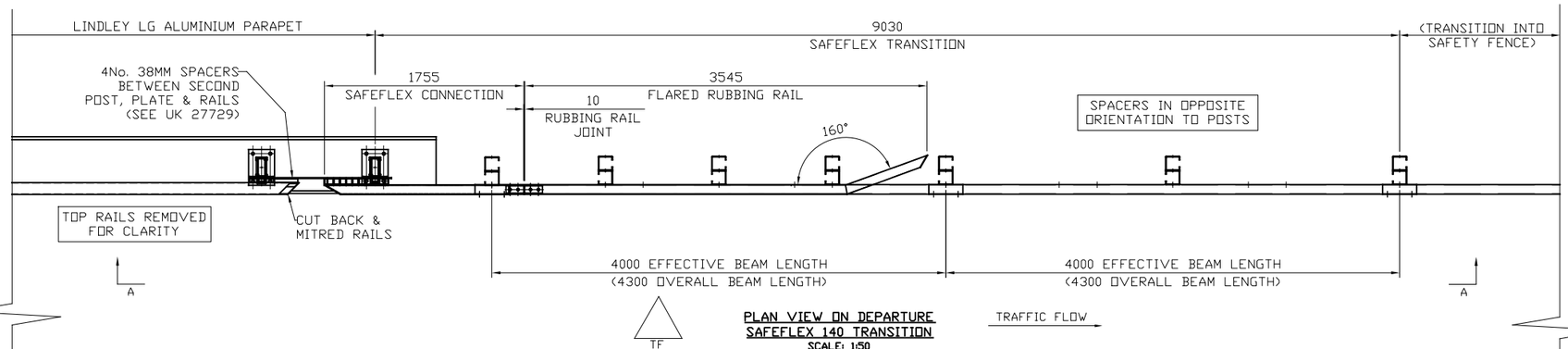
DRAWING NOT TO BE SCALED.

BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

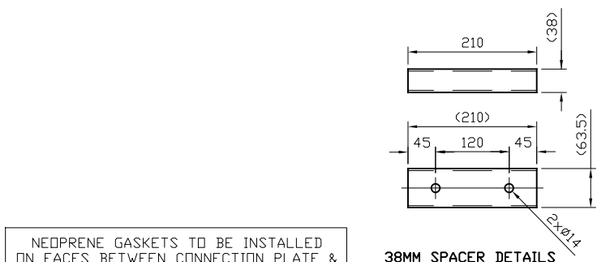
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS



SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

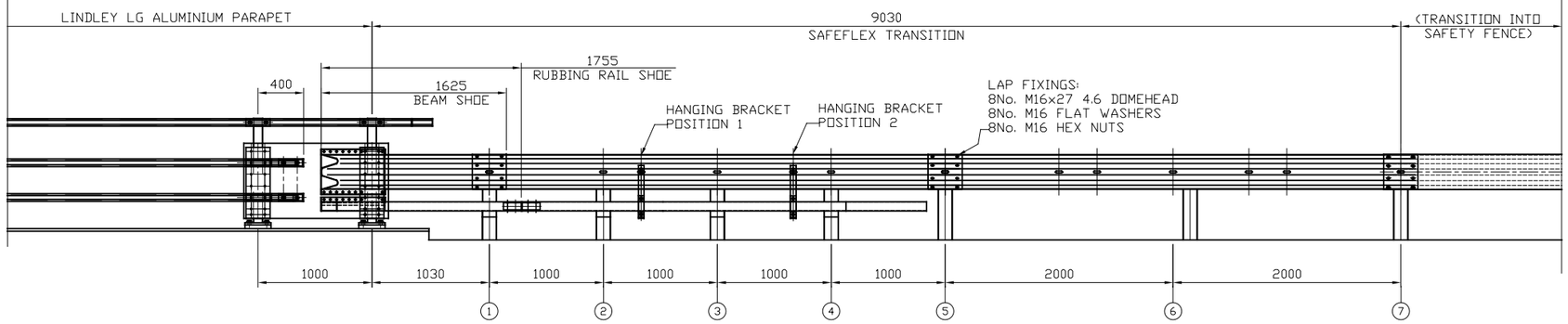


PLAN VIEW ON DEPARTURE SAFEFLEX 140 TRANSITION
SCALE: 1:50

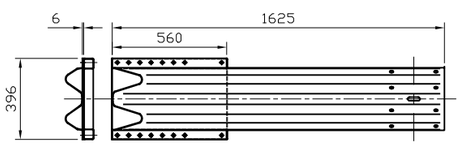


38MM SPACER DETAILS
SCALE: 1:10

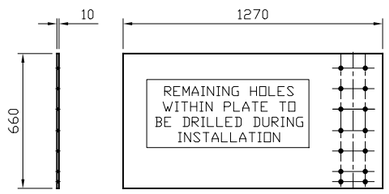
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



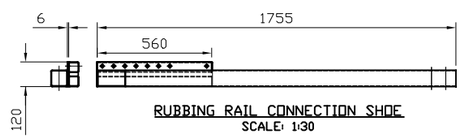
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 140 TRANSITION)
SCALE: 1:50



BEAM CONNECTION SHOE
SCALE: 1:30

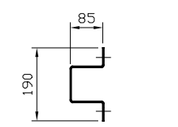


CONNECTION PLATE
SCALE: 1:30

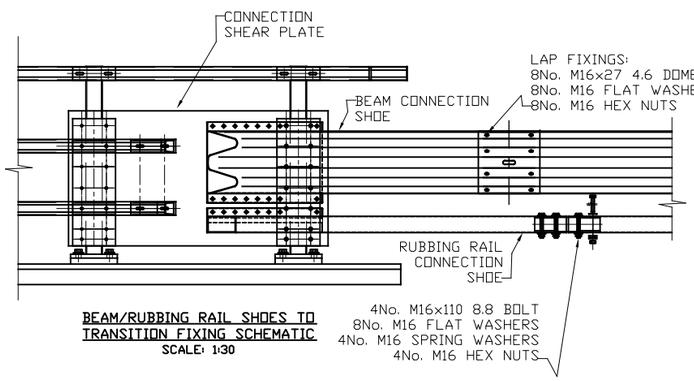


RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

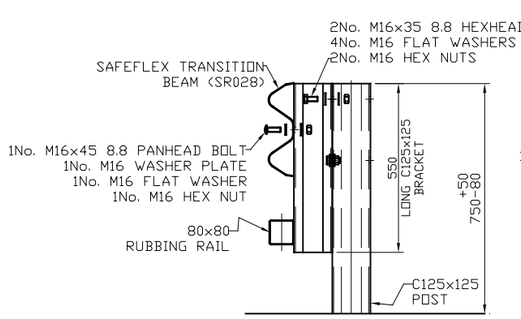
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



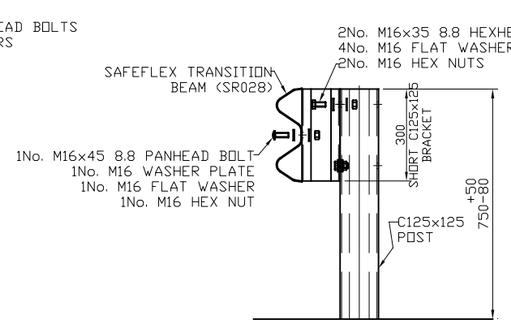
SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



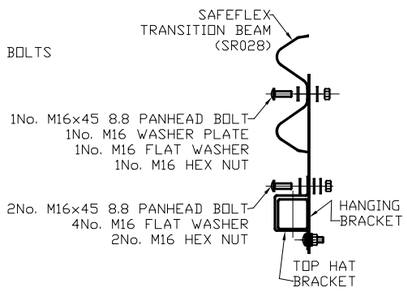
BEAM/RUBBING RAIL SHOES TO TRANSITION FIXING SCHEMATIC
SCALE: 1:30



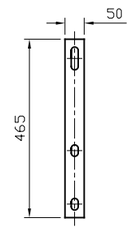
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO LINDLEY LG ALUMINIUM PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
PROJECTION:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
DATE:- 21/08/24
SCALE:- 1:50
APPROVED:-
DRG NO:- UK 27710
REV:- 01

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUT · SINGLE VEE BUTT SEAL ON REVERSE · WELD 2" MISS 4" 2" (4")

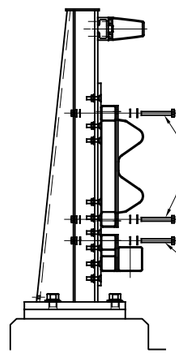
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.3mm)

WELDING SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

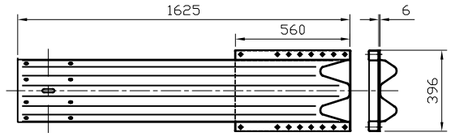


BEAM SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE):
16No. M12x100 HEX HEAD BOLT
16No. M12 NYLON FLAT WASHERS
32No. M12 FORM 'A' FLAT WASHERS
16No. M12 SPRING WASHERS
16No. M12 HEX NUTS

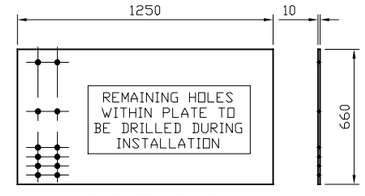
RUBBING RAIL SHOE (ALL FIXINGS STAINLESS UNLESS STATED OTHERWISE)
8No. M12x100 HEX HEAD BOLTS
8No. M12 NYLON FLAT WASHERS
16No. M12 FORM 'A' FLAT WASHERS
8No. M12 SPRING WASHERS
8No. M12 HEX NUTS

SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

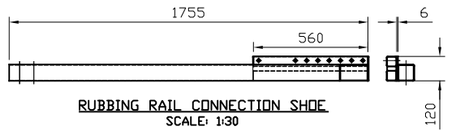
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



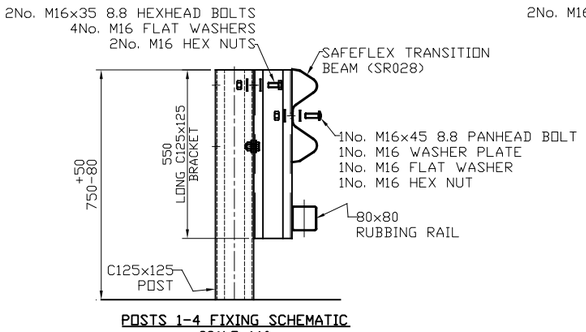
BEAM CONNECTION SHOE
SCALE: 1:30



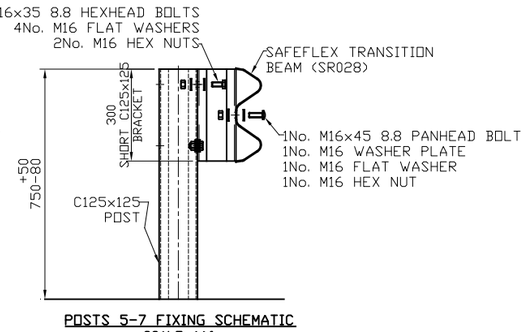
CONNECTION PLATE
SCALE: 1:30



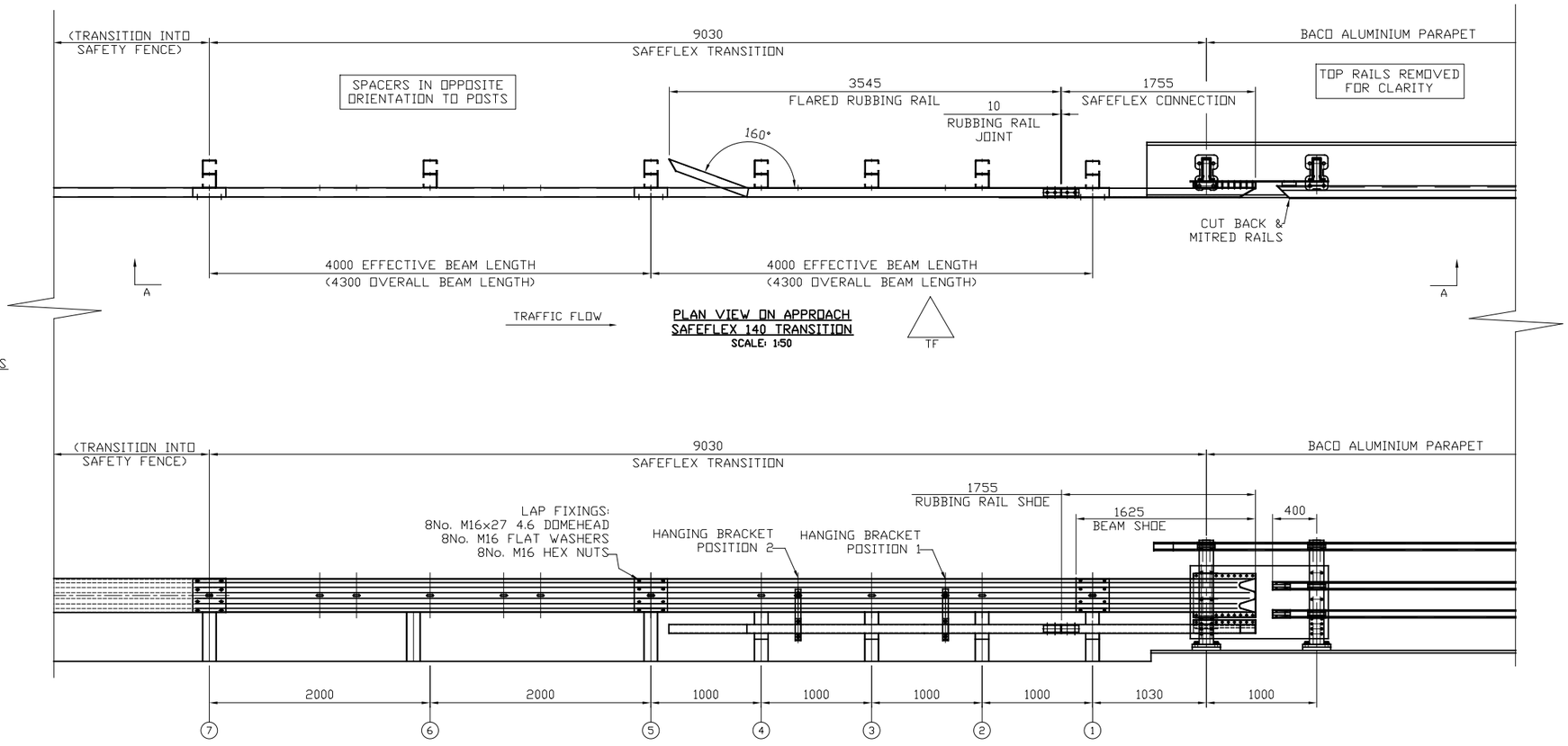
RUBBING RAIL CONNECTION SHOE
SCALE: 1:30



POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16



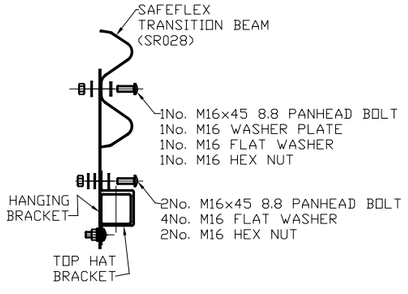
POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16



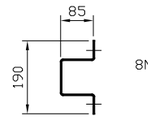
PLAN VIEW ON APPROACH SAFEFLEX 140 TRANSITION
SCALE: 1:50

A-A
(ELEVATION ON APPROACH SAFEFLEX 140 TRANSITION)
SCALE: 1:50

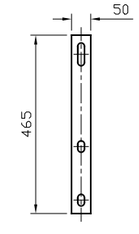
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



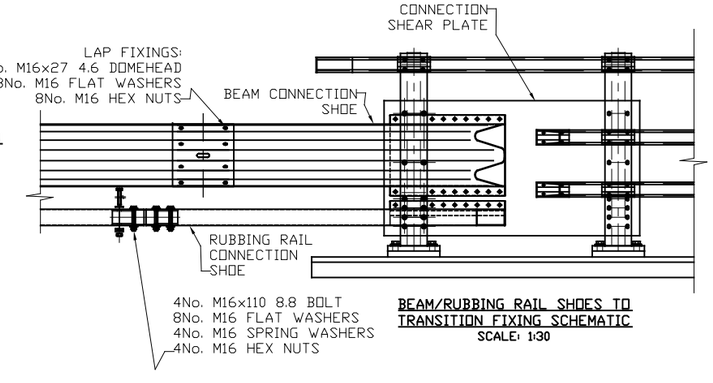
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Southorpe
North Lincolnshire, DN15 8XE
Tel: 01724 281119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO BACO ALUMINIUM PARAPET

ORDER No:-
ISSUE DATE:-
MATL:-
DRAWN:- H.BRYDON
CHECKED:- J.C
CHECKED QA:-
PROJECTION:-
DATE:- 21/08/24
SCALE:- 1:50
APPROVED:-
DRG NO:- UK 27714
REV:- 01

WELDING SYMBOLS

FILLET | SEAL | SHOP WELD | WELD ALL ROUND IN SHOP | WELD FAR SIDE
BEVEL BUTT | DOUBLE VEE BUTT | SITE WELD | WELD ALL ROUND ON SITE | WELD NEAR SIDE
SQUARE BUTT | SINGLE VEE BUTT SEAL ON REVERSE | | | WELD 2" MISS 4" 2" (4")

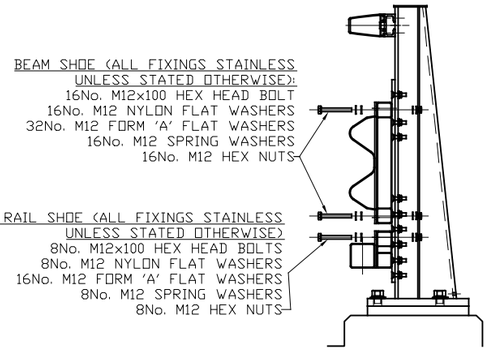
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

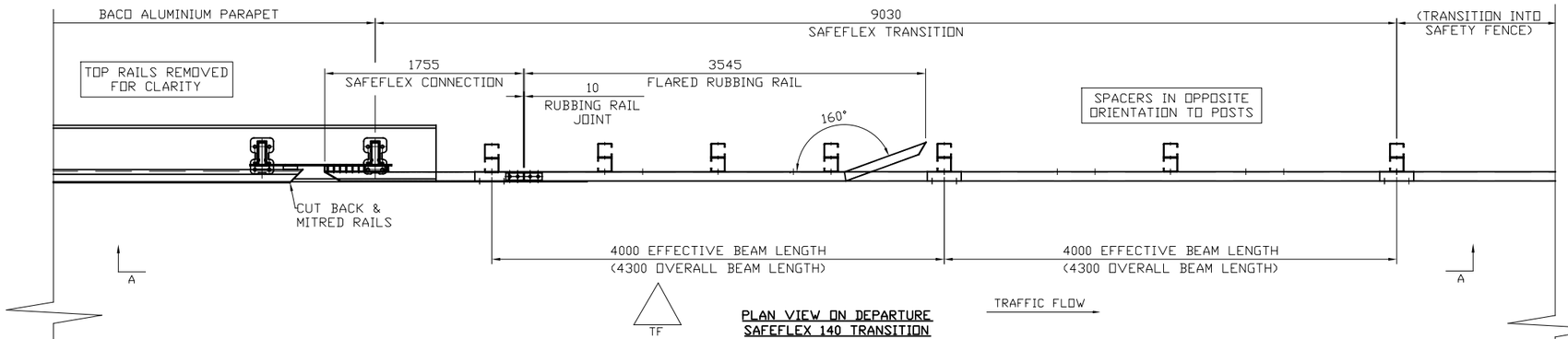
WELDING SPECIFICATION

IF IN DOUBT,ASK.

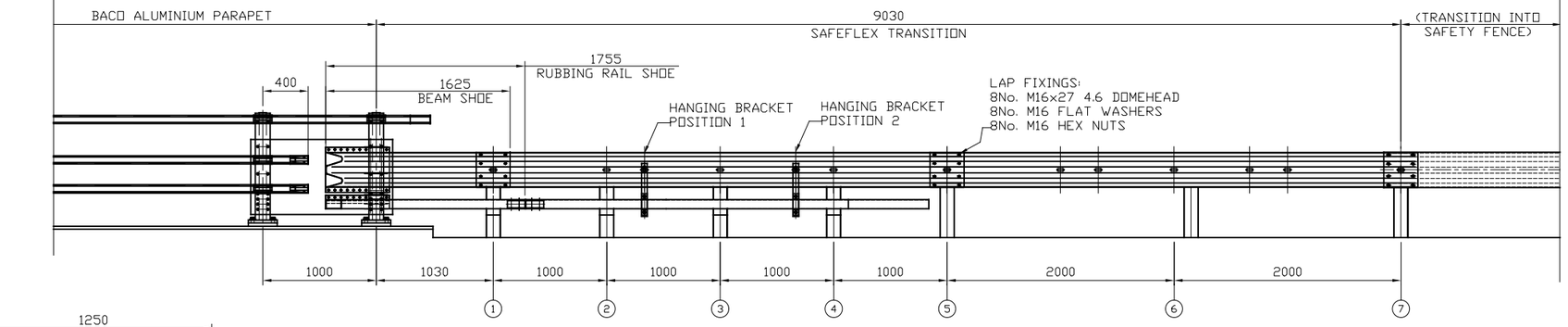
DRAWING NOT TO BE SCALED.



SECTION THROUGH ON BEAM & RUBBING RAIL SHOE CONNECTION/FIXING DETAILS
SCALE: 1:20

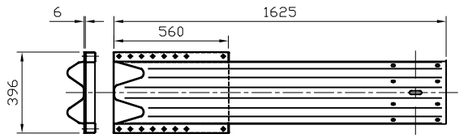


PLAN VIEW ON DEPARTURE SAFEFLEX 140 TRANSITION
SCALE: 1:50

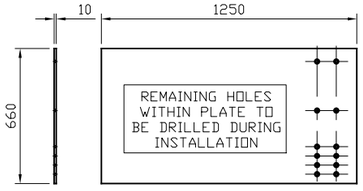


A-A
(ELEVATION ON DEPARTURE SAFEFLEX 140 TRANSITION)
SCALE: 1:50

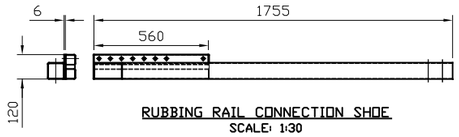
NEOPRENE GASKETS TO BE INSTALLED ON FACES BETWEEN CONNECTION PLATE & BEAM/RUBBING RAIL SHOES



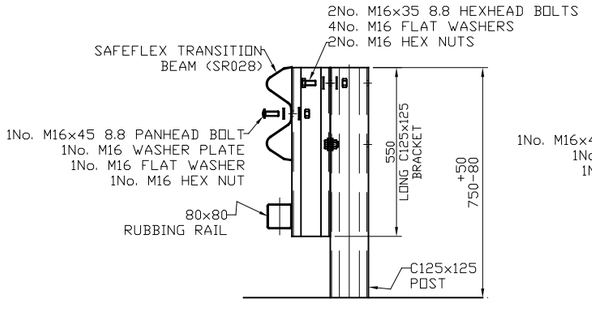
BEAM CONNECTION SHOE
SCALE: 1:30



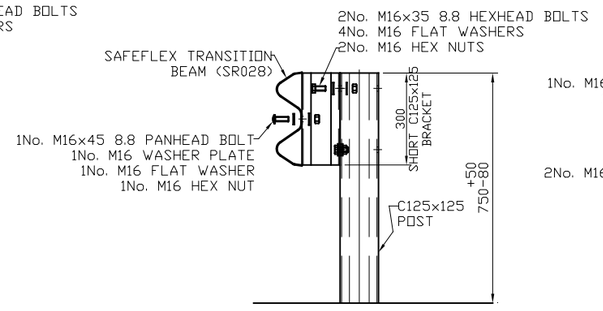
CONNECTION PLATE
SCALE: 1:30



RUBBING RAIL CONNECTION SHOE
SCALE: 1:30

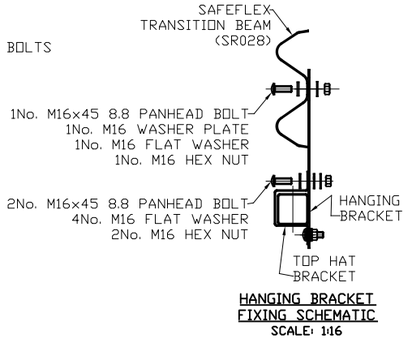


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

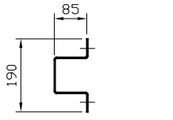


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

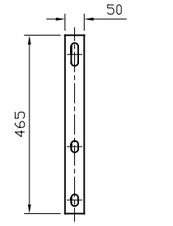
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



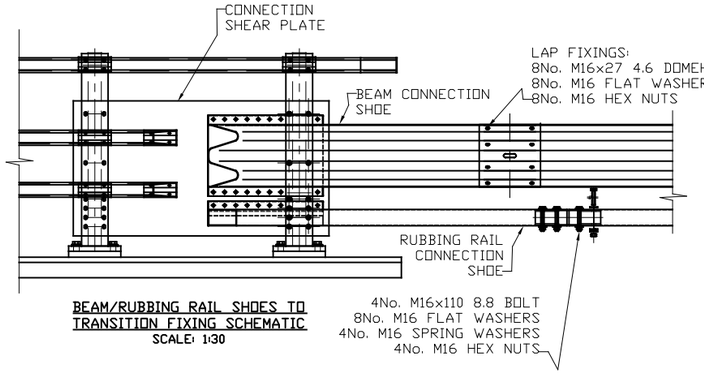
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



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

REVN.	DATE	REMARKS	SIG.
01	10/09/24	LAP BOLT GRADE AMENDED	H.B

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 140 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO BACO ALUMINIUM PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 21/08/24	SCALE:- 1:50
CHECKED QA:-	APPROVED:-	DRG NO:- UK 27715	REV:- 01

WELDING SYMBOLS

FILLET · SEAL · BEVEL BUTT · DOUBLE VEE BUTT · SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE

SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE · WELD 2" MISS 4" 2" (4")

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

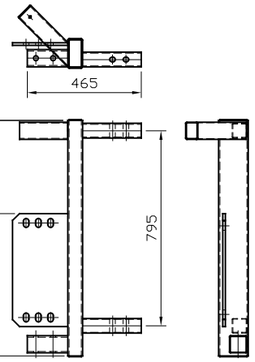
FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

WELDING SPECIFICATION

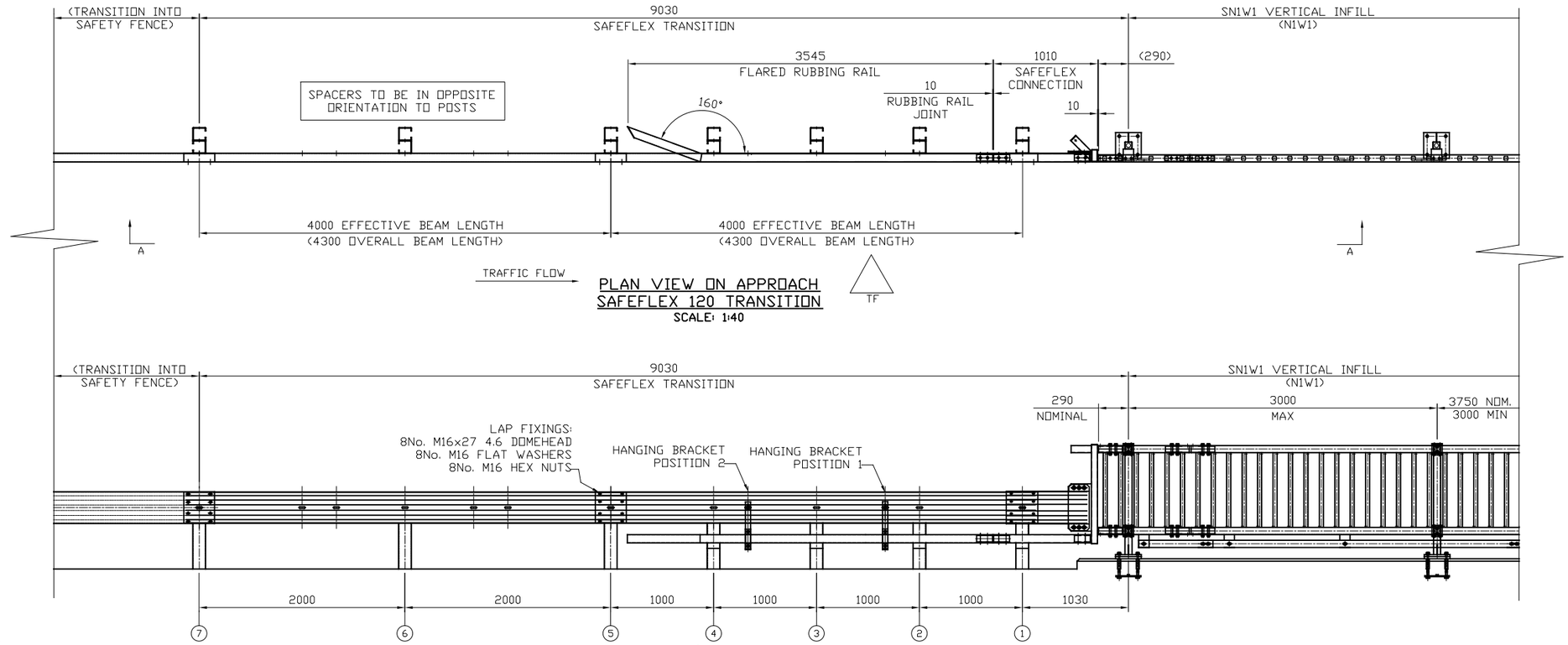
IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

*** - DIMENSIONS MAY VARY DUE TO SITE CONDITIONS

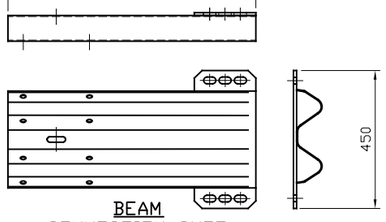


SAFETY FENCE CONNECTOR
SCALE: 1:25

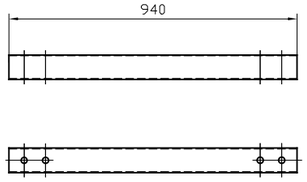


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

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

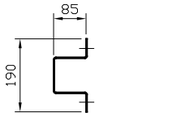


BEAM CONNECTION SHOE
SCALE: 1:40

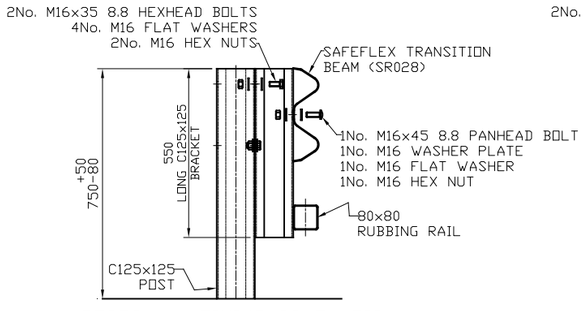


RUBBING RAIL CONNECTION SHOE
SCALE: 1:40

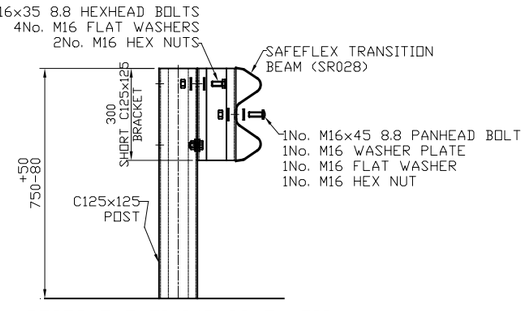
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



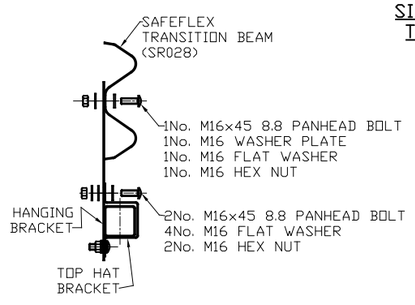
SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



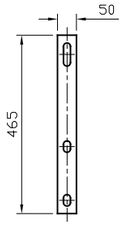
POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20



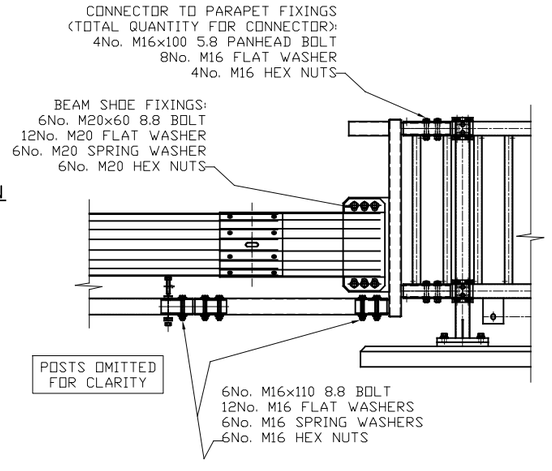
POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20



HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:30

REVN.	DATE	REMARKS	SIG.

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 28919 Fax: 01724 281478

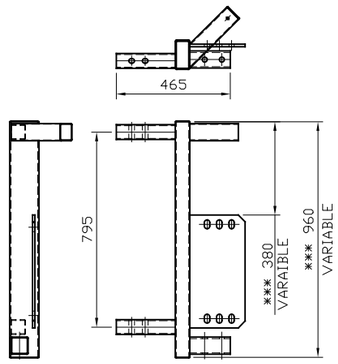
TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL FOR CONNECTION INTO
N1W1 SN1W1 VERTICAL INFILL PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 20/03/25	SCALE:- 1:50
		DRG NO:- UK 28254	REV:- 00

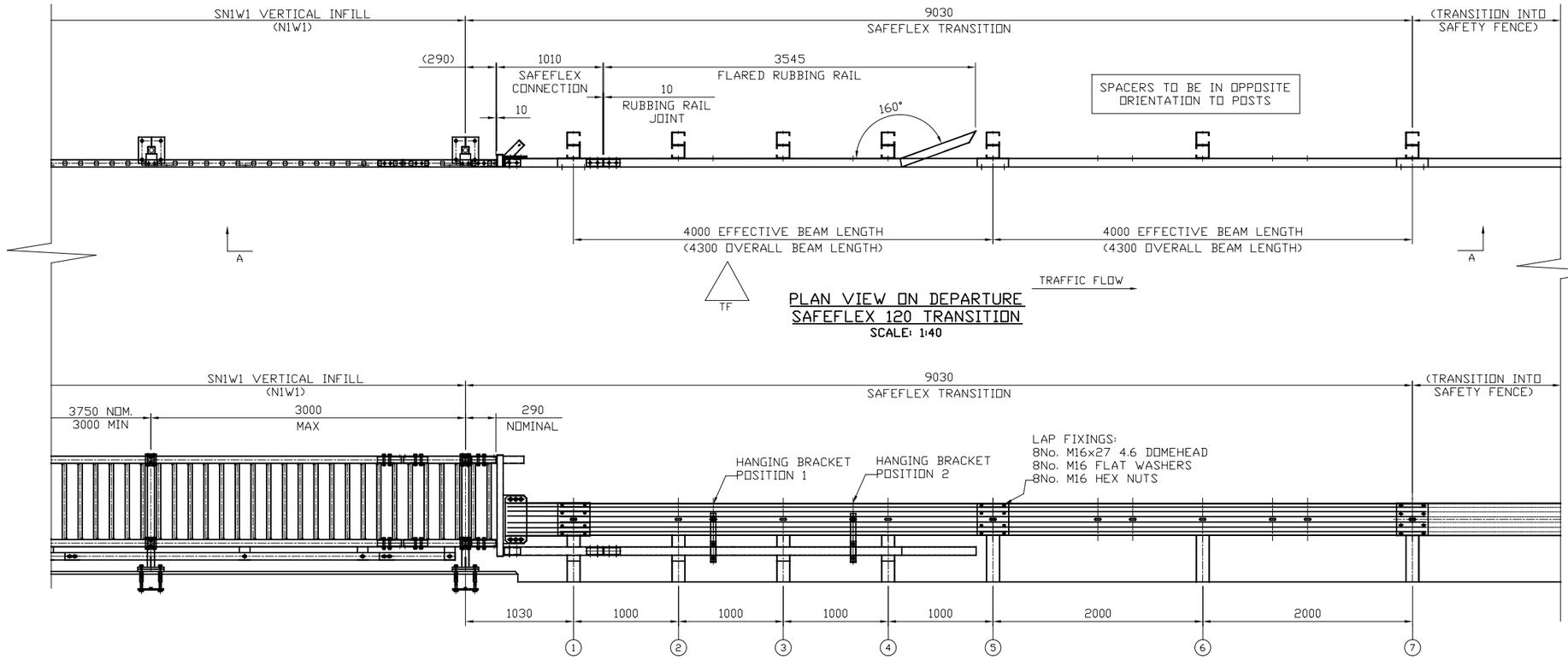
CHECKED QA:-
APPROVED:-

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD, WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE, WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.

*** - DIMENSIONS MAY VARY DUE TO SITE CONDITIONS

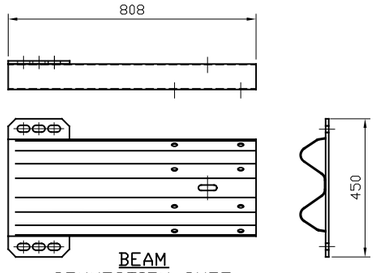


SAFETY FENCE CONNECTOR
SCALE: 1:25

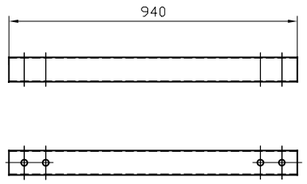


PLAN VIEW ON DEPARTURE SAFEFLEX 120 TRANSITION
SCALE: 1:40

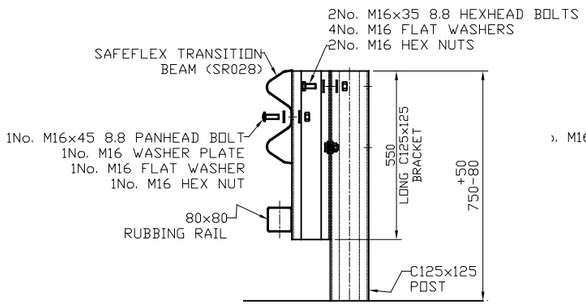
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



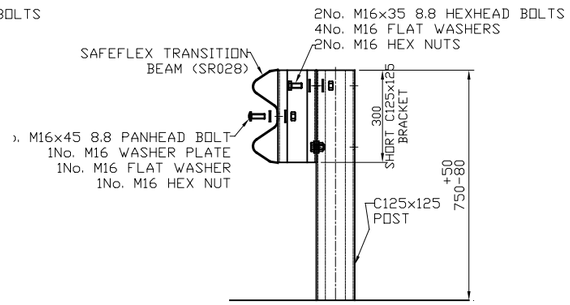
BEAM CONNECTION SHOE
SCALE: 1:40



RUBBING RAIL CONNECTION SHOE
SCALE: 1:40

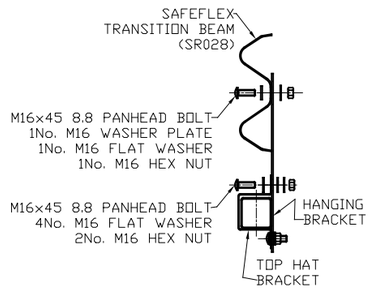


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20

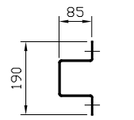


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20

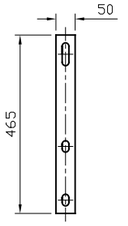
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



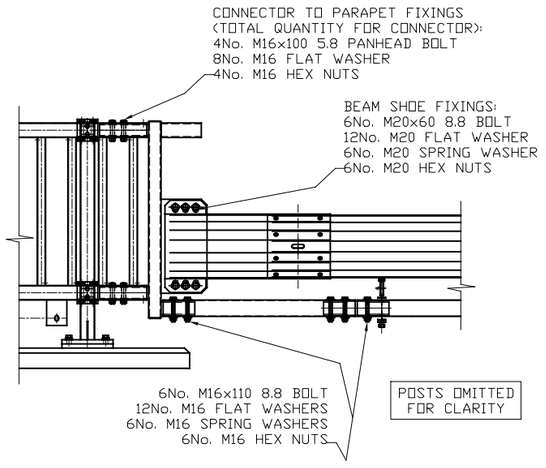
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:30

REVN.	DATE	REMARKS	SIG.

SAFEROAD UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL FOR CONNECTION INTO
N1W1 SN1W1 VERTICAL INFILL PARAPET

ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C	CHECKED QA:-
ISSUE DATE:-	PROJECTION:-	DATE:- 20/03/25	SCALE:- 1:50	APPROVED:-
		DRG NO:- UK 28255		REV:- 00

WELDING SYMBOLS

FILLET · SEAL · SHOP WELD · WELD ALL ROUND IN SHOP · WELD FAR SIDE
BEVEL BUTT · DOUBLE VEE BUTT · SITE WELD · WELD ALL ROUND ON SITE · WELD NEAR SIDE
SQUARE BUTT · SINGLE VEE BUTT SEAL ON REVERSE · WELD 2" MISS 4" 2" (+)

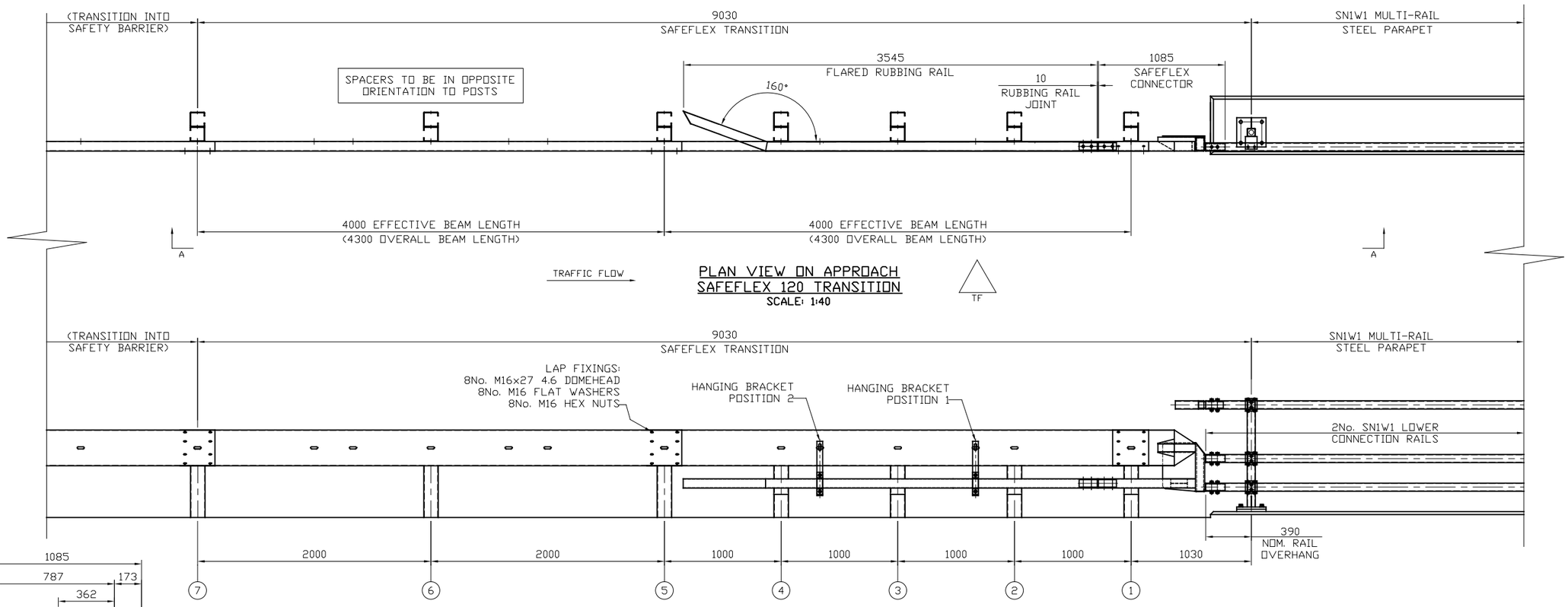
MACHINING NOTES
MACHINE WHERE MARKED BY
REMOVE SHARP EDGES
TOLLERANCES UNLESS
STATED OTHERWISE
DIMENSIONAL ± 0.015"(0.4mm)

FABRICATION NOTES
TOLLERANCES UNLESS
STATED OTHERWISE
± 0.062"(1.5mm)

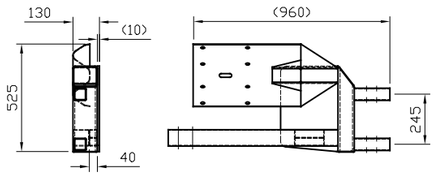
WELDING SPECIFICATION

IF IN DOUBT,ASK.

DRAWING NOT TO BE SCALED.

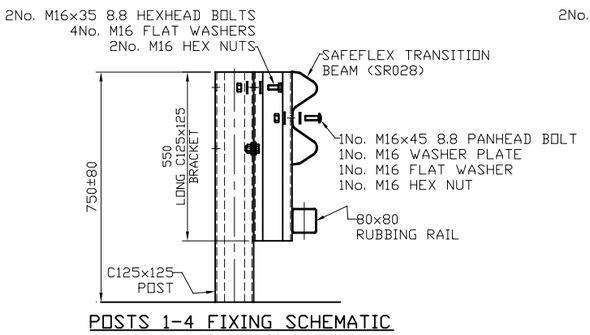


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

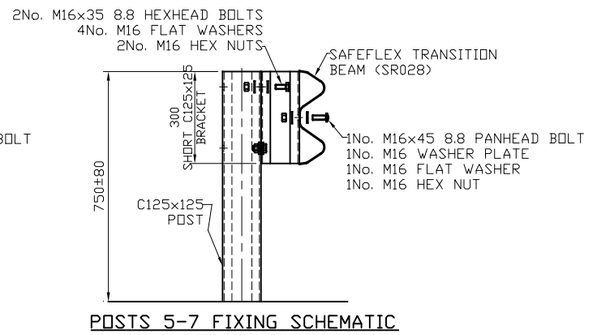


APPROACH CONNECTOR DETAIL
SCALE: 1:30

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

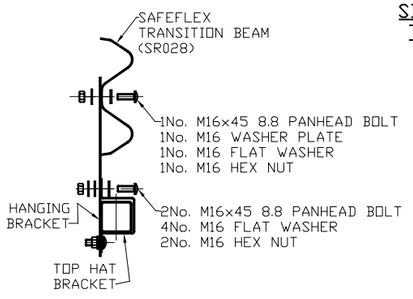


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20

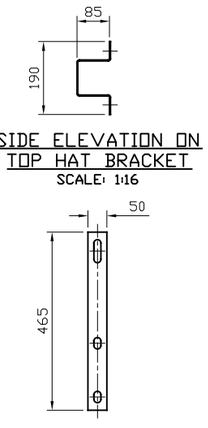


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

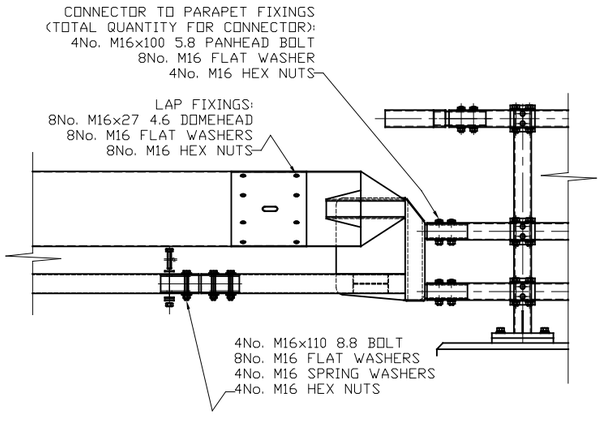


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:25

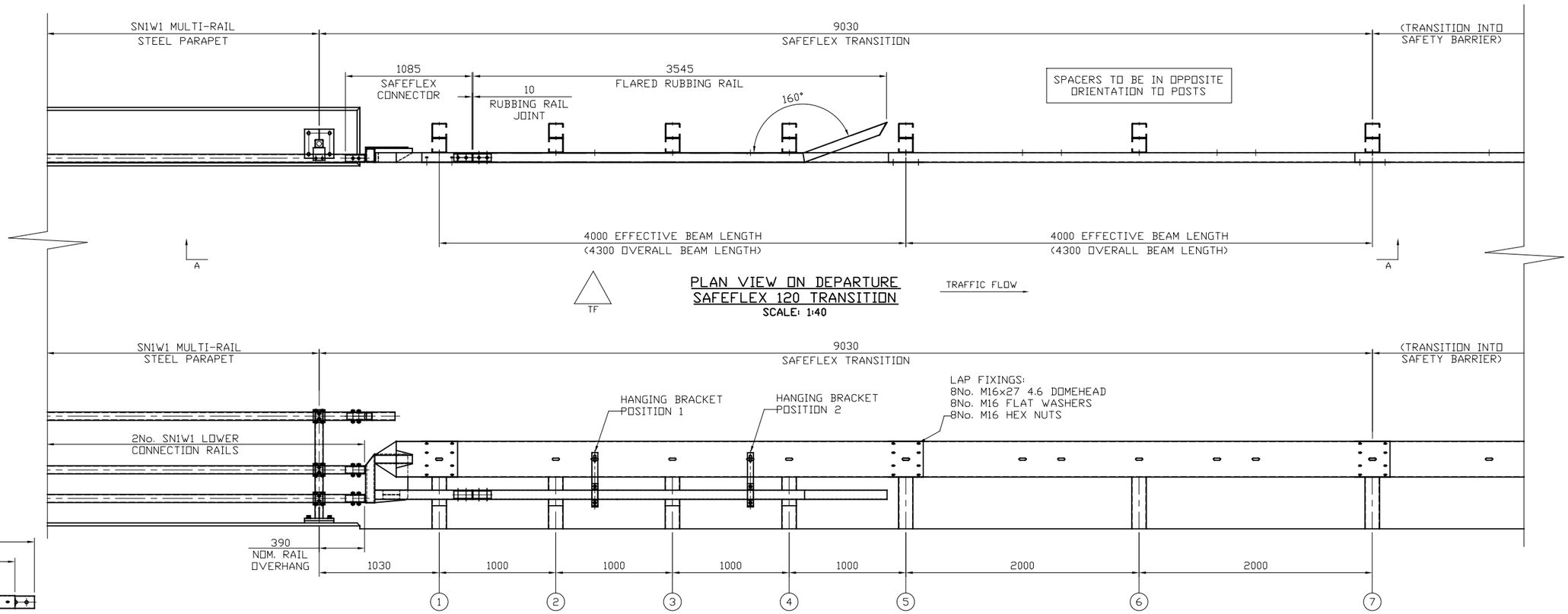
REVN.	DATE	REMARKS	SIG.

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN1W1 MULTI-RAIL STEEL PARAPET

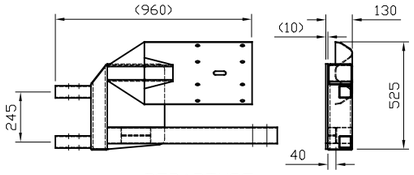
ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 20/05/25	SCALE:- 1:40
		DRG NO:- UK 28558	REV:- 00
			CHECKED QA:-
			APPROVED:-

WELDING SYMBOLS	MACHINING NOTES	FABRICATION NOTES	WELDING SPECIFICATION		
FILLET, BEVEL BUTT, SQUARE BUTT, SEAL, DOUBLE VEE BUTT, SINGLE VEE BUTT SEAL ON REVERSE; SHOP WELD, SITE WELD; WELD ALL ROUND IN SHOP, WELD ALL ROUND ON SITE; WELD FAR SIDE, WELD NEAR SIDE, WELD 2" MISS 4" 2" (4")	MACHINE WHERE MARKED BY REMOVE SHARP EDGES TOLLERANCES UNLESS STATED OTHERWISE DIMENSIONAL ± 0.015"(0.4mm)	TOLLERANCES UNLESS STATED OTHERWISE ± 0.062"(1.5mm)		IF IN DOUBT,ASK.	DRAWING NOT TO BE SCALED.

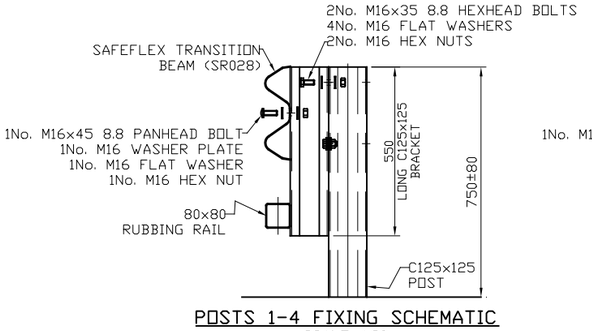


PLAN VIEW ON DEPARTURE
SAFEFLEX 120 TRANSITION
SCALE: 1:40

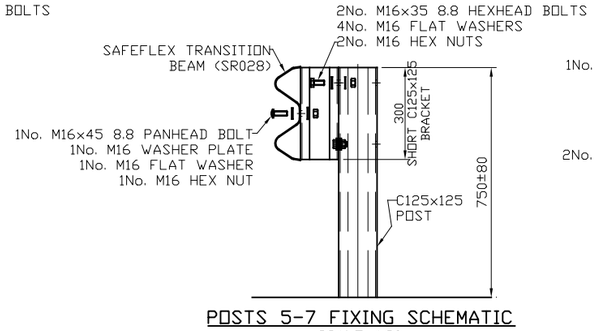
A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40



DEPARTURE
CONNECTOR DETAIL
SCALE: 1:30

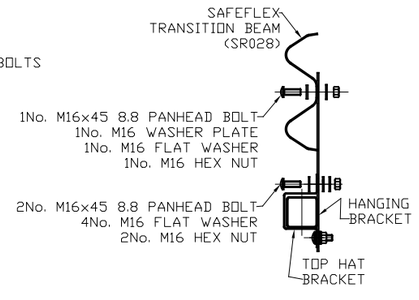


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:20

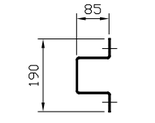


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:20

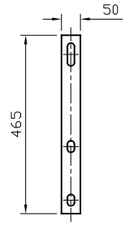
HANGING BRACKETS INSTALLED IN
POSITIONS SHOWN IN SECTION A-A



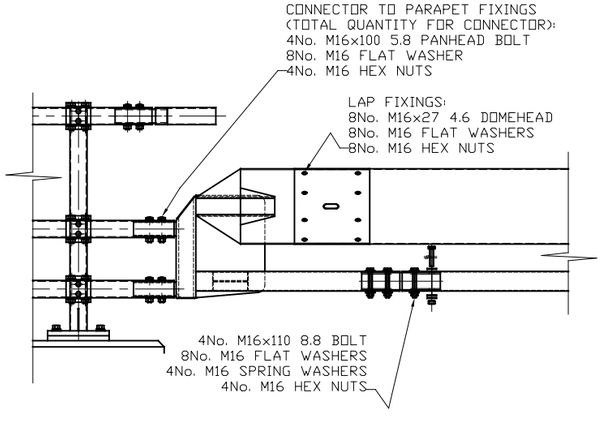
HANGING BRACKET
FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON
TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION
ON HANGING BRACKET
SCALE: 1:16



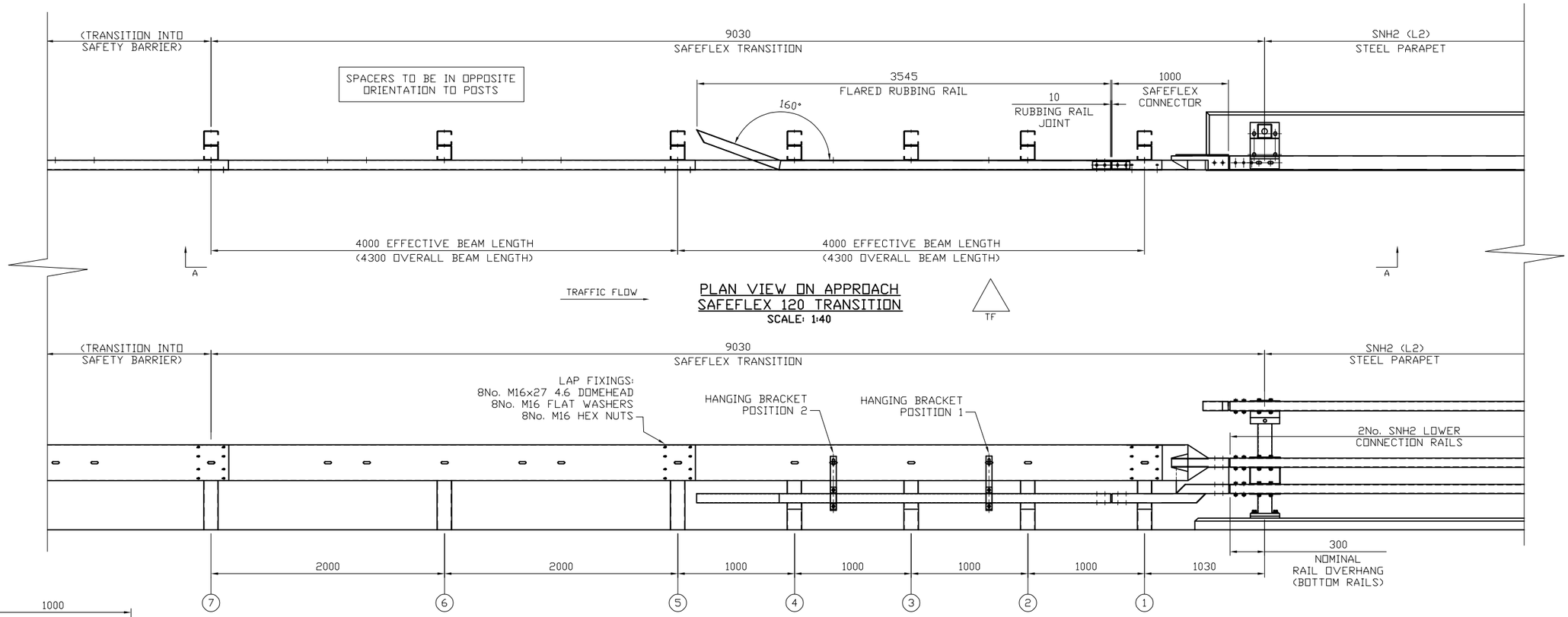
SAFETY FENCE CONNECTOR
FIXING SCHEMATIC
SCALE: 1:25

REVN.	DATE	REMARKS	SIG.

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281476

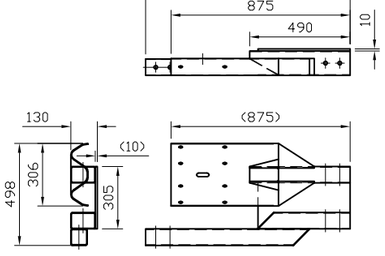
TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SN1W1 MULTI-RAIL STEEL PARAPET

ORDER No:-	MATL:-	DRAWN:-	CHECKED:-	CHECKED QA:-
		H.BRYDON	J.C	
ISSUE DATE:-	PROJECTION:-	DATE:-	SCALE:-	APPROVED:-
		21/05/25	1:40	
		DRG NO:-		REV:-
		UK 28559		00

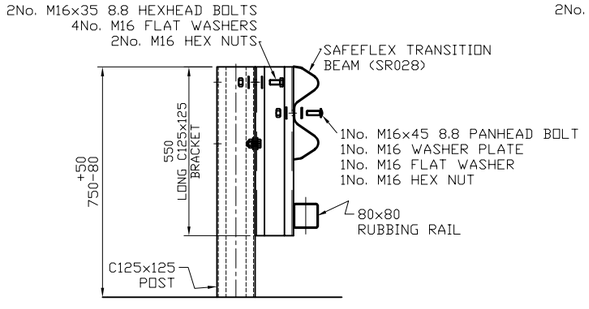


PLAN VIEW ON APPROACH SAFEFLEX 120 TRANSITION
SCALE: 1:40

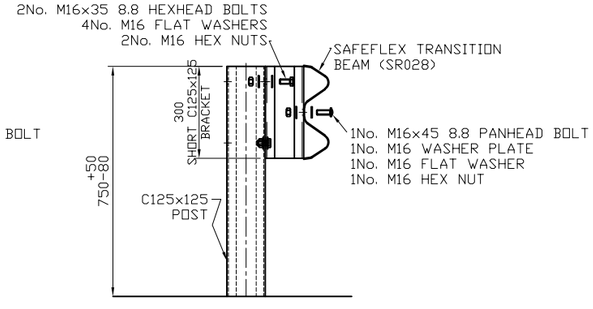
A-A
(ELEVATION ON APPROACH SAFEFLEX 120 TRANSITION)
SCALE: 1:40



APPROACH SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

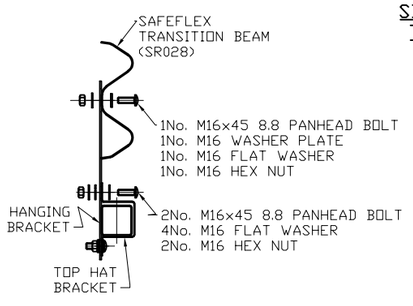


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

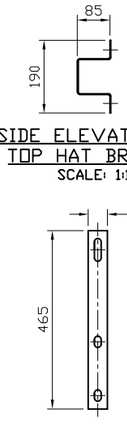


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A

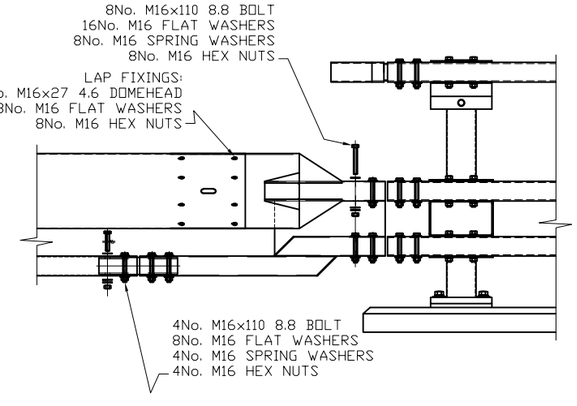


HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16

TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



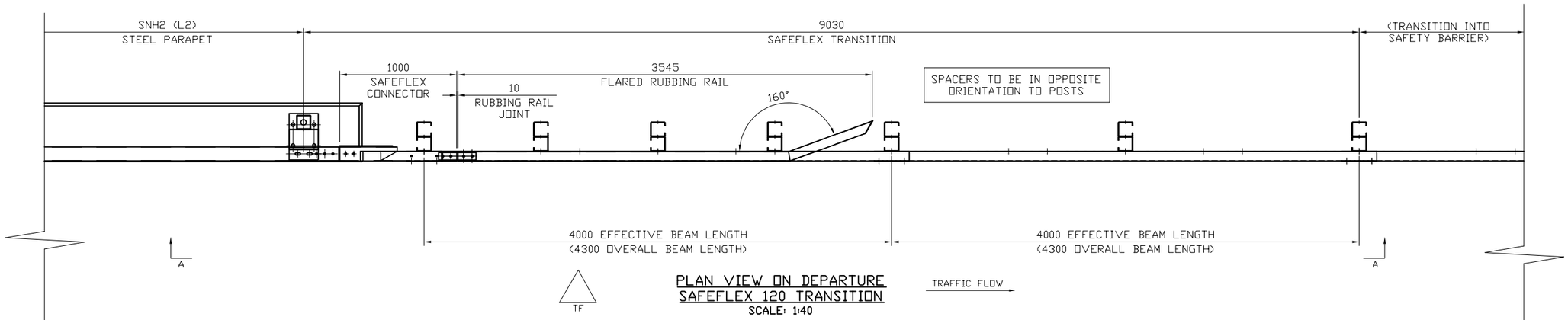
SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:8

REVN.	DATE	REMARKS	SIG.

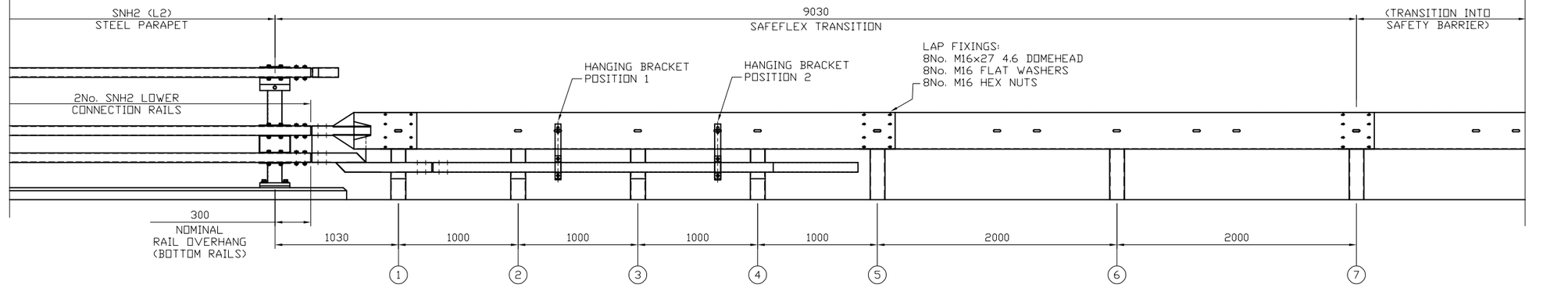
SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
APPROACH GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SNH2 (L2) STEEL PARAPET

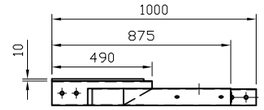
ORDER No:-	MATL:-	DRAWN:- H.BRYDON	CHECKED:- J.C
ISSUE DATE:-	PROJECTION:-	DATE:- 27/11/25	SCALE:- 1:40
CHECKED QA:-	APPROVED:-	DRG NO:- UK 29308	REV:- 00

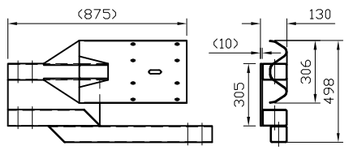


PLAN VIEW ON DEPARTURE SAFEFLEX 120 TRANSITION
SCALE: 1:40

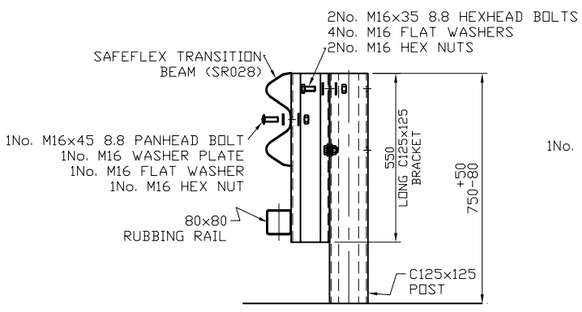


A-A
(ELEVATION ON DEPARTURE SAFEFLEX 120 TRANSITION)
SCALE: 1:40

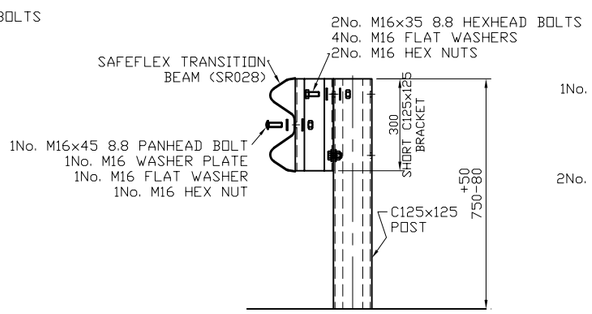




DEPARTURE SAFEFLEX 120 CONNECTOR DETAIL
SCALE: 1:30

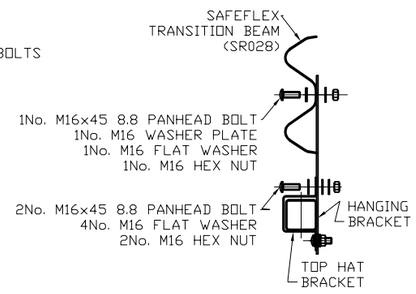


POSTS 1-4 FIXING SCHEMATIC
SCALE: 1:16

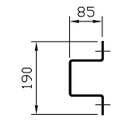


POSTS 5-7 FIXING SCHEMATIC
SCALE: 1:16

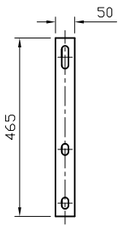
HANGING BRACKETS INSTALLED IN POSITIONS SHOWN IN SECTION A-A



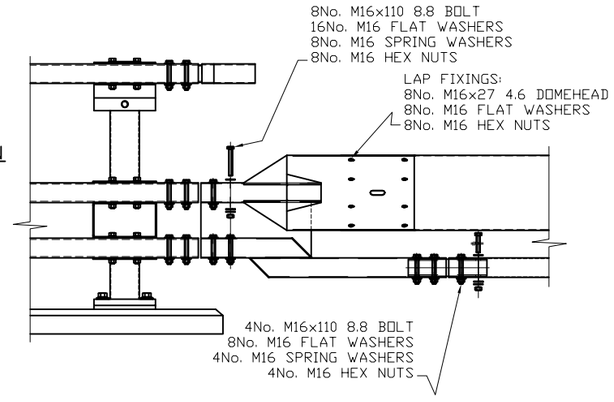
HANGING BRACKET FIXING SCHEMATIC
SCALE: 1:16



SIDE ELEVATION ON TOP HAT BRACKET
SCALE: 1:16



TRAFFIC FACE ELEVATION ON HANGING BRACKET
SCALE: 1:16



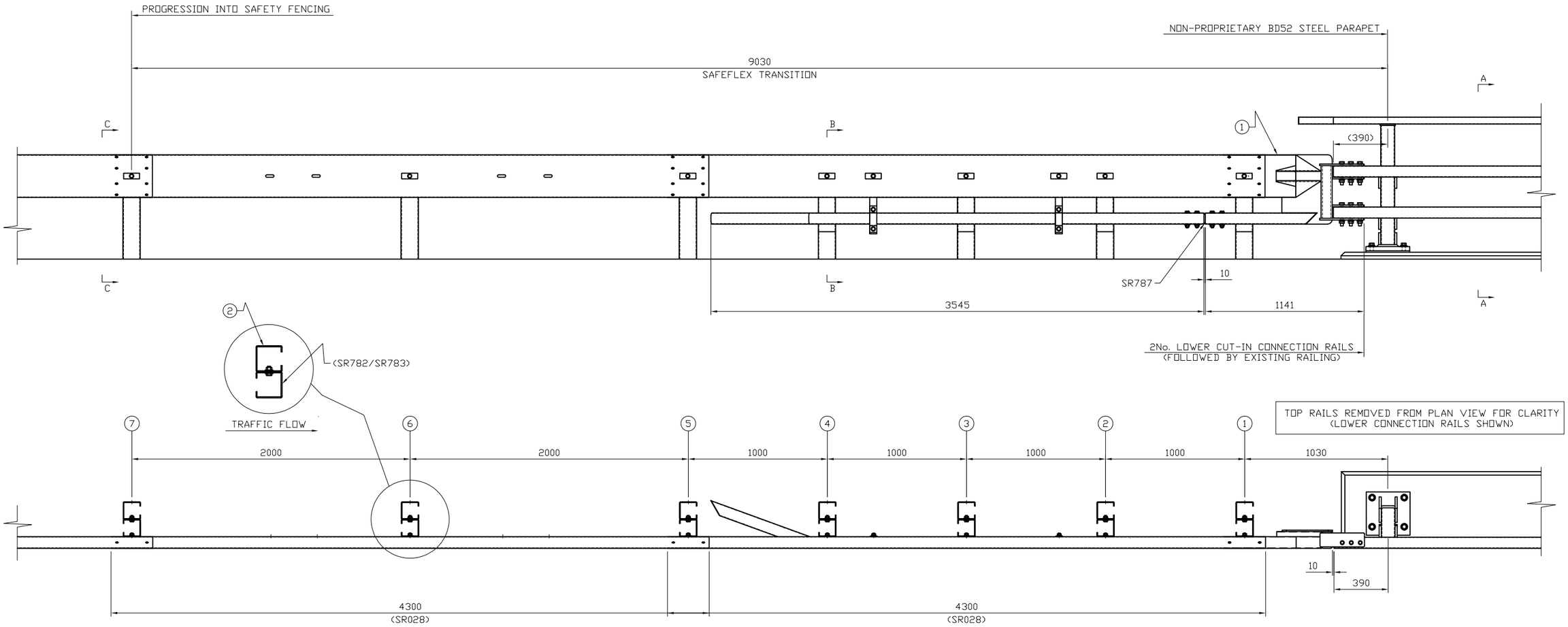
SAFETY FENCE CONNECTOR FIXING SCHEMATIC
SCALE: 1:8

REVN.	DATE	REMARKS	SIG.

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

TITLE:-
SAFEFLEX 120 TRANSITION
DEPARTURE GENERAL ARRANGEMENT DETAIL
FOR CONNECTION INTO SNH2 (L2) STEEL PARAPET

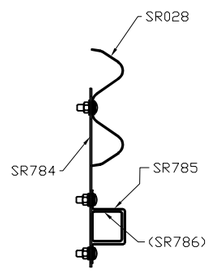
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ISSUE DATE:-	PROJECTION:-	DATE:- 27/11/25	SCALE:- 1:40
		DRG NO:- UK 29309	REV:- 00
			CHECKED QA:-
			APPROVED:-



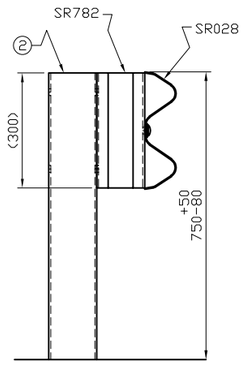
TOP RAILS REMOVED FROM PLAN VIEW FOR CLARITY
(LOWER CONNECTION RAILS SHOWN)

PARTS (EXCLUDING FIXINGS)

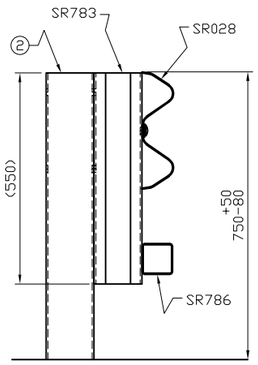
PART/ITEM No.	DESCRIPTION	QTY P/TRANSITION
(1)	APPROACH PARAPET CONNECTOR	1
(2)	TRANSITION POST - SEE MANUAL FOR POST TYPES	7
SR028	'A' PROFILE BEAM X 3MM	2
SR786	RUBBING RAIL	1
SR787	RUBBING RAIL CONNECTOR JOINT	1
SR783	LONG CRUSH BRACKET - 550MM	4
SR782	SHORT CRUSH BRACKET - 300MM	3
SR784	RUBBING RAIL HANGING BRACKET	2
SR785	RUBBING RAIL TOP HAT BRACKET	2



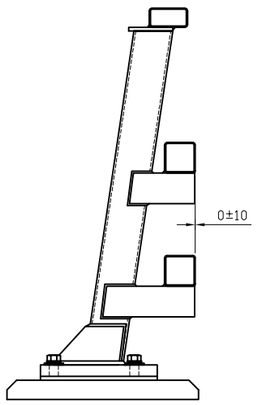
RUBBING RAIL BRACKET DETAILS
SCALE: 1:16



SECTION C-C (POSTS 5-7)
SCALE: 1:16



SECTION B-B (POSTS 1-4)
SCALE: 1:16



SECTION A-A
SCALE: 1:16

REVN.	DATE	REMARKS	SIG.
00	22/06/26	DRAWING CREATED	H.B

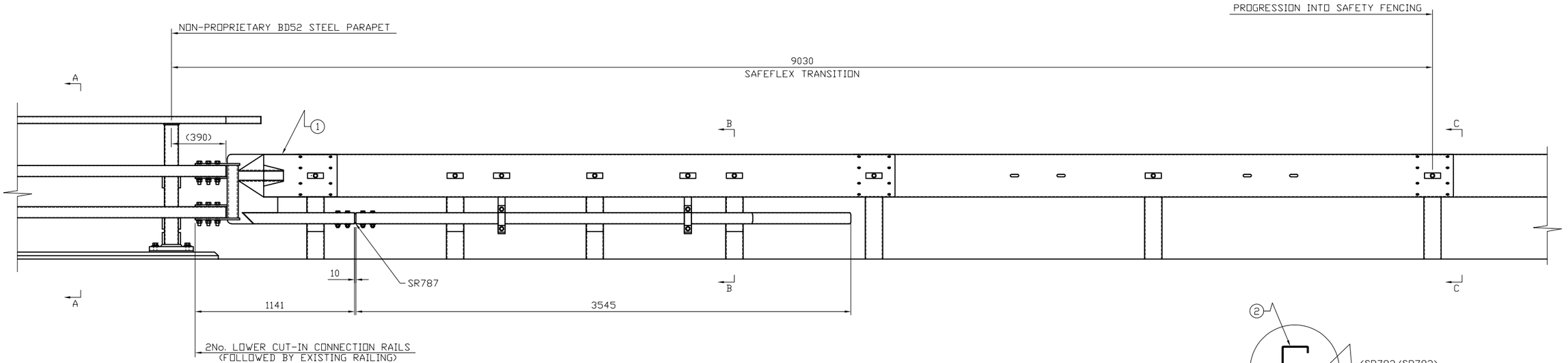
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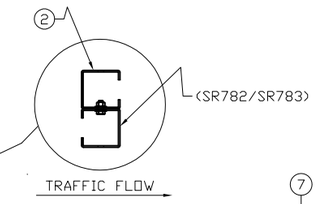
SAFEFLEX TRANSITION APPROACH
GENERAL ARRANGEMENT DETAIL

CONNECTION TO STEEL
NON-PROPRIETARY BD52
PARAPET

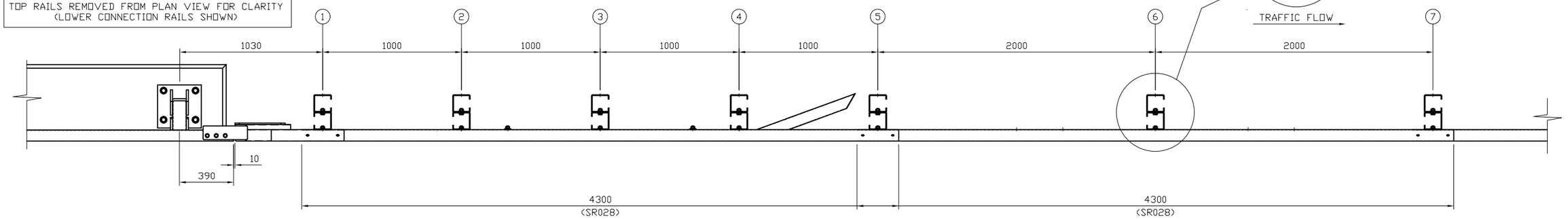
SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

DRAWN:-	CHECKED:-	DRAWING SIZE:-
H.BRYDON	J.C	
DATE:-	SCALE:-	APPROVED:-
22/06/26	1:30	
DRG NO:-		REV:-
UK 30186		00



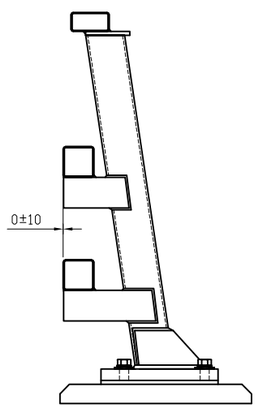


TOP RAILS REMOVED FROM PLAN VIEW FOR CLARITY
(LOWER CONNECTION RAILS SHOWN)

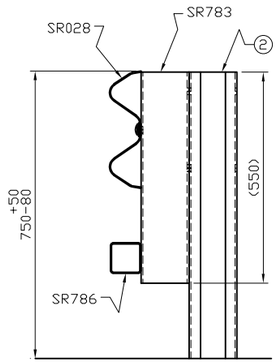


PARTS (EXCLUDING FIXINGS)

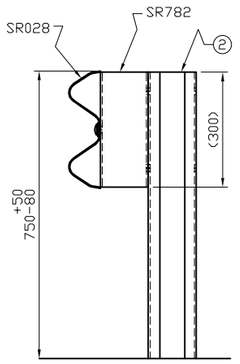
PART/ITEM No.	DESCRIPTION	QTY P/TRANSITION
1	APPROACH PARAPET CONNECTOR	1
2	TRANSITION POST - SEE MANUAL FOR POST TYPES	7
SR028	'A' PROFILE BEAM X 3MM	2
SR786	RUBBING RAIL	1
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SR785	RUBBING RAIL TOP HAT BRACKET	2



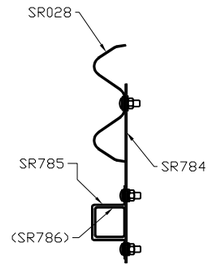
SECTION A-A
SCALE: 1:16



SECTION B-B (POSTS 1-4)
SCALE: 1:16



SECTION C-C (POSTS 5-7)
SCALE: 1:16



RUBBING RAIL BRACKET DETAILS
SCALE: 1:16

REVN.	DATE	REMARKS	SIG.
00	22/06/26	DRAWING CREATED	H.B

TITLE:-

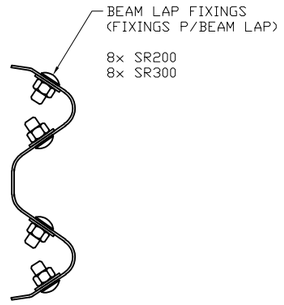
SAFEFLEX TRANSITION DEPARTURE GENERAL ARRANGEMENT DETAIL

CONNECTION TO STEEL NON-PROPRIETARY BD52 PARAPET

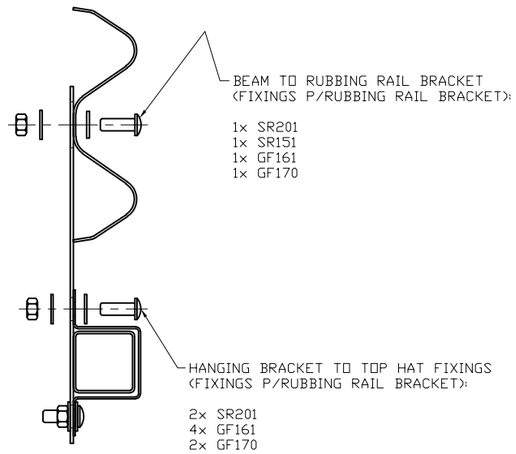
SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

DRAWN:-	CHECKED:-	DRAWING SIZE:-
H.BRYDON	J.C	
DATE:-	SCALE:-	APPROVED:-
22/06/26	1:30	

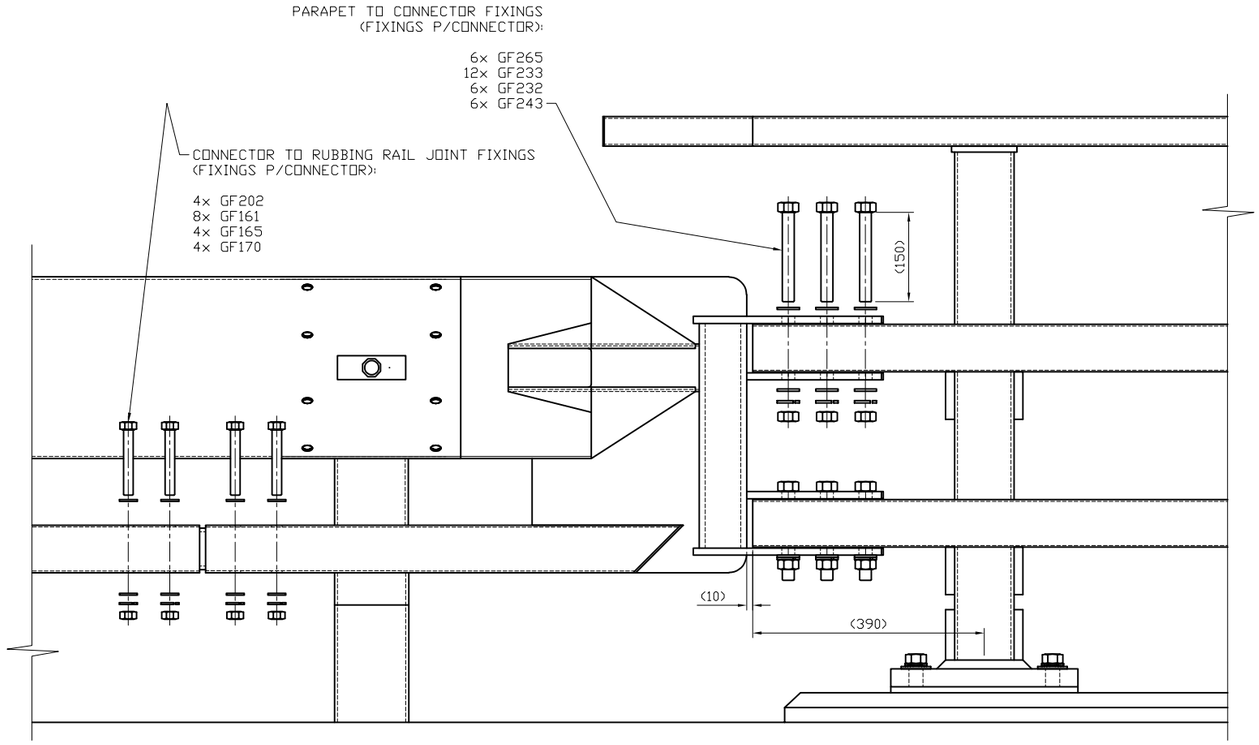
DRG NO:- UK 30187 REV:- 00



BEAM LAP FIXING SCHEMATIC
SCALE: 1:8



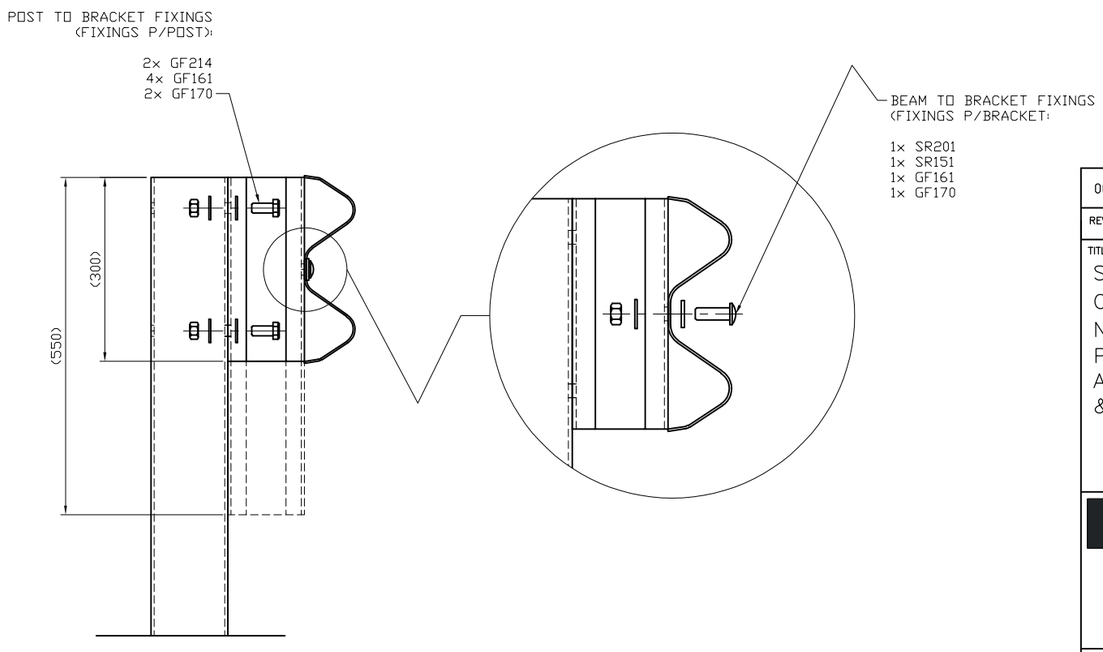
RUBBING RAIL BRACKET FIXING SCHEMATIC
SCALE: 1:8



PARAPET CONNECTION AREA FIXING SCHEMATIC
(APPLICABLE TO APPROACH & DEPARTURE CONNECTIONS)
SCALE: 1:10

FIXINGS (ALL FIXINGS GALVANISED)

PART No.	DESCRIPTION	QTY P/TRANSITION
GF202	M16x110 8.8 BOLT	4
SR201	M16x45 8.8 PANHEAD BOLT	13
SR200	M16x27 4.6 DOMEHEAD BOLT (C/W NUT)	24
GF214	M16x35 8.8 HEXHEAD BOLT	14
SR151	M16x115x40x6 WASHER PLATE - S235JR	9
GF161	M16 PLAIN WASHER	53
GF165	M16 SPRING WASHER	4
SR300	M16 WASHER ø30	24
GF170	M16 HEXAGON NUT	31
GF265	M20x110 8.8 BOLT	6
GF233	M20 PLAIN WASHER	12
GF232	M20 SPRING WASHER	6
GF243	M20 HEXAGON NUT	6



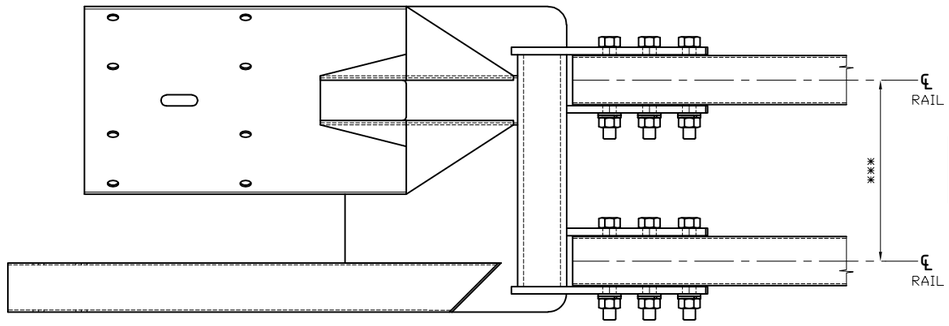
POST FIXING SCHEMATIC
(APPLICABLE TO ALL POSTS)
SCALE: 1:10

REVN.	DATE	REMARKS	SIG.
00	23/06/26	DRAWING CREATED	H.B

TITLE:–
SAFEFLEX TRANSITION
CONNECTION TO STEEL
NON–PROPRIETARY BD52
PARAPET FIXING SCHEMATIC
APPLICABLE TO APPROACH
& DEPARTURE TRANSITIONS

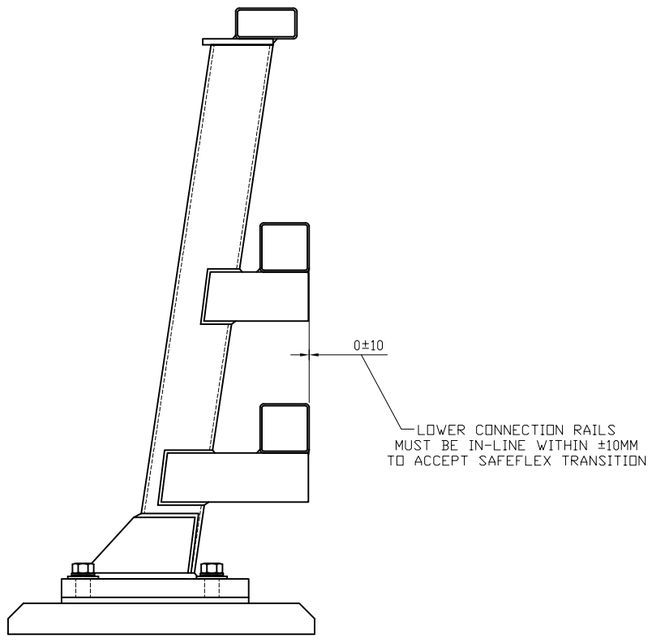
SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

DRAWN:–	CHECKED:–	DRAWING SIZE:–
H.BRYDON	J.C	
DATE:–	SCALE:–	APPROVED:–
23/06/26	1:10	
DRG NO:–	UK 30188	REV:– 00

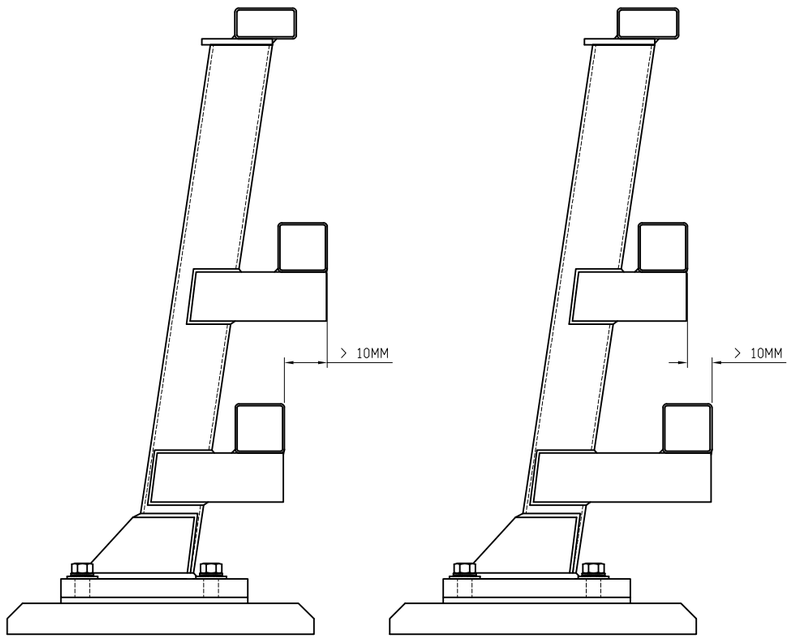


*** - DIMENSION MAY VARY PER SAFETY FENCE CONNECTOR, DUE TO DIFFERENCES IN RAIL CENTRES FOUND THROUGH EXTENSIVE RANGE OF EXISTING NON-PROPRIETARY STEEL BD52 PARAPETS

SAFEFLEX TO BD52 PARAPET
CONNECTOR RAIL CENTRE VARIATION DETAILS
SCALE: 1:10



EXAMPLE OF PERMISSIBLE BD52 PARAPET
(CAN ACCEPT SAFEFLEX END CONVERSION)
SCALE: 1:10



EXAMPLES OF NON-PERMISSIBLE BD52 PARAPET
(CANNOT ACCEPT SAFEFLEX END CONVERSION)
SCALE: 1:10

REVN.	DATE	REMARKS	SIG.
00	23/06/26	DRAWING CREATED	H.B

TITLE:-
SAFEFLEX TRANSITION
CONNECTION TO STEEL
NON-PROPRIETARY BD52
PARAPET

ADDITIONAL INFORMATION SHEET

SAFEROAD
UK LTD
Concord House
Bessemer Way
Scunthorpe
North Lincolnshire, DN15 8XE
Tel: 01724 289119 Fax: 01724 281478

DRAWN:-	CHECKED:-	DRAWING SIZE:-
H.BRYDON	J.C	
DATE:-	SCALE:-	APPROVED:-
23/06/26	1:10	
DRG NO:-	UK 30189	REV:- 00