

TABLE 'A' - S	SYSTEM COMPONENT SCHEDULE - QTY'S / 4	.74m RAIL
SAFEROAD PART NUMBER	DESCRIPTION	QUANTITY
SR344	TOP RAIL	1
SR343	C125x125 SPACER	2
SEE TABLE 'B'	POST "C" 125x125	1
SR151	M16x115x40x6 WASHER PLATE	2
FOR SCHED	LILE OF BOLTED CONNECTIONS REFER TO I	DRAWING.

NUMBER MR-xp-GA-02

TABLE 'B' - S OF POST REF	
SAFEROAD PART NUMBER	POST LENGTH
SR349	1200
SR345	1800
SR347	2000
SR348	2400

GENERAL NOTES:

- 1. POST ORIENTATION TO BE FLIPPED EVERY 2.25M
- WHEN TYING INTO ADJACENT VRS ONLY ONE WORKING WIDTH DIFFERENCE IS PERMITTED.
- 3. SEE MR-GA-001 & MR-GA-003 FOR DETAILS OF SYSTEM HEIGHT WITH REFERENCE TO SETBACK & KERB HEIGHT
- 4. FOR MINIMUM LENGTH OF FULL HEIGHT VRS REFER TO SAFEROAD MEGARAIL MANUAL.
- SR342 TO BE PREDOMINANTLY INSTALLED IN ORIENTATION SHOWN ABOVE. SEE MR-xp-GA-02 FOR FURTHER DETAILS
- 6. ON VERGE LOCATIONS, SR342 TO BE INSTALLED AT TRAFFIC FACE

	05	12/12/24	EXPANSION NOTE ADDED	H.B
	04	08/12/23	PART NUMBERS UPDATED	H.B
	03	11/09/23	WASHER PLATE CODE CHANGE	H.B
	02	18/05/23	TITLEBLOCK UPDATED	H.B
	01	06/02/23	POST ORIENTATION DETAILS UPDATED	Н.В
ĺ	00	30/08/22	DRAWING CREATED	H.B
Ì	REVn	DATE	DETAILS	INITIAL

MEGARAIL xp H1W3/N2W2 VI4

MEGARAIL xp VEHICLE RESTRAINT SYSTEM ASSEMBLY & SETTING OUT ARRANGEMENT

> SAFEROAD

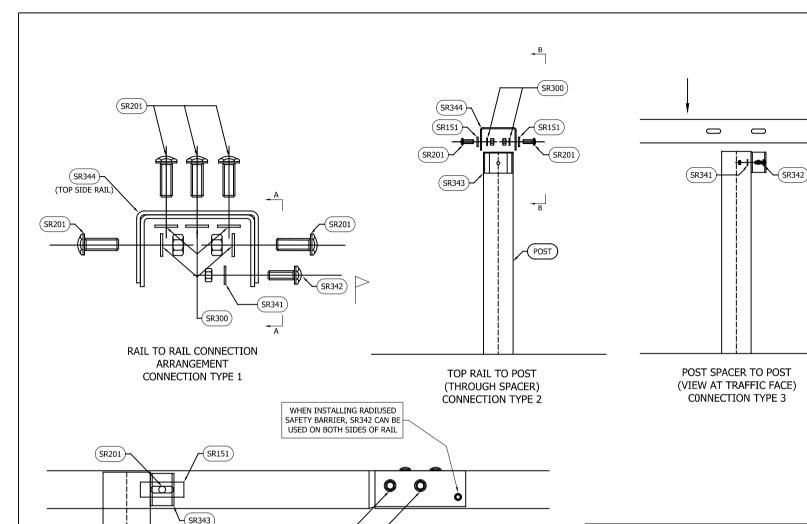
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DAMING NUMBER.

REVn:

MR-xp-GA-01

05



05	08/12/23	PART NUMBERS UPDATED	H.B
04	11/09/23	WASHER PLATE CODE CHANGE	H.B
03	18/05/23	TITLEBLOCK UPDATED	н.в
02	13/02/23	FIXING DETAILS UPDATED	H.B
01	06/02/23	FIXING DETAILS UPDATED	н.в
00	30/08/22	DRAWING CREATED	н.в
REVn	DATE	DETAILS	INITIAL

MEGARAIL xp H1W3/N2W2 VI4

MEGARAIL xp VEHICLE RESTRAINT SYSTEM BOLTING ARRANGEMENTS

> SAFEROAD

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WING NUMBER:

REVn:

05

MR-xp-GA-02

VIEW ON A-A (RAIL LAP ELEVATION) CONNECTION TYPE 1

SR201

SR300

(TOP RAIL TO POST ELEVATION) CONNECTION TYPE 2

VIEW ON B-B

POST

GENERAL NOTES:

NOTED PURPOSE.

NUMBERS IN THE SCHEDULES SUFFIXED (+) DENOTES THE ADDITIONAL QUANTITY OF COMPONENTS REQUIRED FOR EXTREME ENDS OF INDIVIDUAL RUNS OF BARRIER OR FOR

2. M12 BOLT PREDOMINANTLY INSTALLED ON SIDE WHERE RAIL LAP HAS TRAFFIC FLOWING TOWARDS UN-COVERED EXTREME EDGE OF TOP SIDE RAIL.

BOLTING COMPONENT SCHEDULE - QTY'S / RAIL TO RAIL CONNECTION - CONNECTION TYPE 1 (1No. P/RAIL)

SAFEROAD PART NUMBER	DESCRIPTION	RAIL TO RAIL CONNECTION
SR201	SETSCREW 8.8 M16 x 45 c/w NUT	7
SR300	M16 WASHER 18¢ HOLE	7
SR342	SETSCREW 8,8 M12 x 35 c/w NUT	1 (+1)
SR341	M12 WASHER 13.5Ø HOLE	1 (+1)

BOLTING COMPONENT SCHEDULE - QTY'S / POST SPACER TO POST - CONNECTION TYPE 3 (1No. P/POST)

BOLTING COMPONENT SCHEDULE - OTY'S PER RAIL TO POST CONNECTION -

CONNECTION TYPE 2

DESCRIPTION

SETSCREW 8.8 M16 x 45 c/w NUT

M16 WASHER 18¢ HOLE

WASHER PLATE 115 x 40 x 6 DIA. 18

OTY P/RAIL

TO POST

CONNECTION

2

2

2

SAFEROAD

PART

NUMBER

SR201

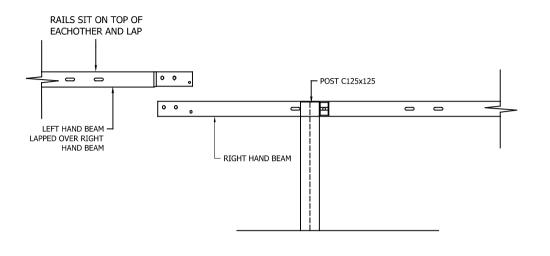
SR151

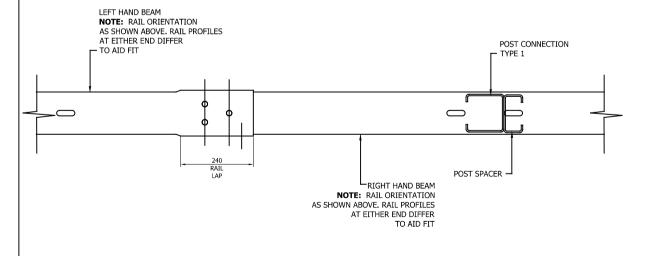
SR300

	CONTROL 111 E 3 (11101 1/1 031)	
SAFEROAD PART NUMBER	DESCRIPTION	RAIL JOINT CONNECTION
SR342	SETSCREW 8.8 M12 x 35 c/w NUT	1
SR341	M12 WASHER 13.5¢ HOLE	1

GENERAL NOTES:

1. POST ORIENTATION TO BE FLIPPED EVERY





03	08/12/23	LOGO UPDATED	н.в
02	18/05/23	TITLEBLOCK UPDATED	H.B
01	06/02/23	HIDDEN DETAIL REMOVED	н.в
00	30/08/22	DRAWING CREATED	н.в
REVn	DATE	DETAILS	INITIAL

MEGARAIL xp H1W3/N2W2 VI4

MEGARAIL xp VEHICLE RESTRAINT SYSTEM RAIL LAPPING DETAIL FOR H1 & N2 MEGARAIL SYSTEM

> SAFEROAD

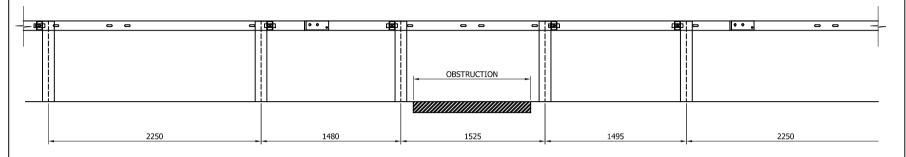
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RAWING NUMBER:

REVn:

MR-xp-GA-03

03



2250

OBSTRUCTION

0

2250

0

PUSHED IN

CRADLE

ANCHOR

2250

DRILL &

PUSHED IN

ANCHOR

FIX OR

0

中: Þ

. . .

GENERAL NOTES:

- 1. IF THE SITE CONDITIONS DO NOT ALLOW A POST TO BE INSTALLED ON THE SYSTEM PITCH DEVIATIONS CAN BE APPLIED. THE OBSTRUCTED POST CAN BE LEFT OUT AND EXTRA POSTS INSTALLED TO SPAN THE OBSTRUCTION. THE NEW POST SPACING MUST NOT EXCEED 2250mm, ALTHOUGH IT WOULD BE BENEFICIAL TO USE THE HOLES ALREADY IN THE BEAM IT IS ACCEPTABLE TO DRILL NEW HOLES IN THE DESIRED POSITIONS AND TREAT WITH ZINC RICH PAINT.
- 2. OFFSET POSTS SHOWN ON DRAWING MR-xp-GA-00 CAN BE USED.

03 08/12/23 LOGO UPDATED 02 18/05/23 TITLEBLOCK UPDATED 01 10/02/23 SMP DETAIL UPDATE 00 30/08/22 DRAWING CREATED
01 10/02/23 SMP DETAIL UPDATE
00 30/08/22 DRAWING CREATED
REVn DATE DETAILS

H1W3/N2W2 VI4

MEGARAIL xp VEHICLE RESTRAINT **SYSTEM DEVIATION SETTING OUT** ARRANGEMENT

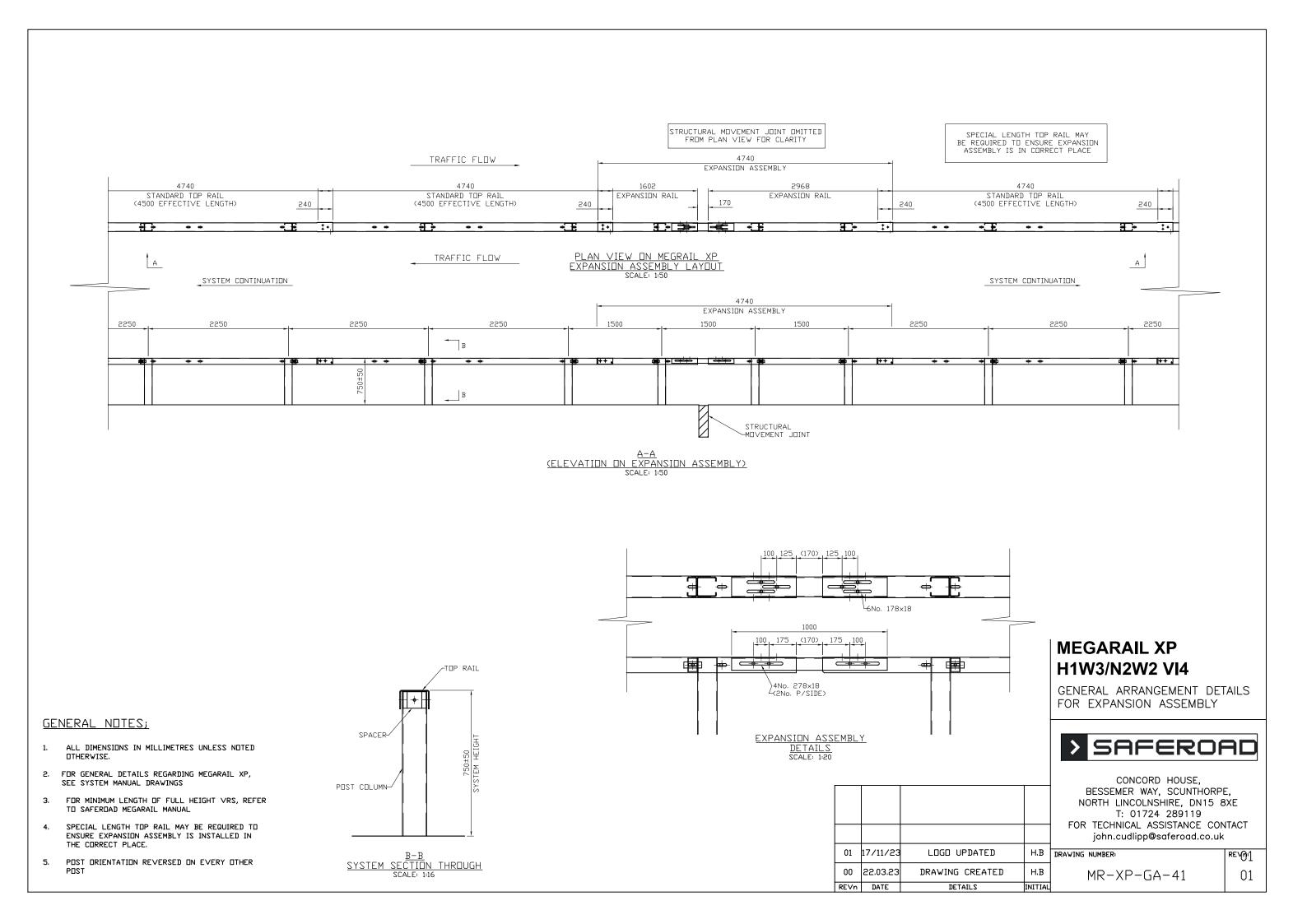
SAFEROAD

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MR-xp-GA-40

03



CONNECTION INTO MEGARAIL EP & MEGARAIL EX ALSO PERMITTED TO BE BIFURCATION TYPE WITH APPLICABLE CONNECTOR CHANGE 1650 'X' SYSTEM TO SINGLE SIDED CONNECTION 4740 4740 STANDARD BEAM LENGTH STANDARD BEAM LENGTH STANDARD TOP RAIL STANDARD TOP RAIL (4500 EFFECTIVE LENGTH) (4500 EFFECTIVE LENGTH) 240 (4000 EFFECTIVE LENGTH) (4000 EFFECTIVE LENGTH) 240 $\frac{1}{A}$ 4000 4000 2250 2250 2250 ELEVATION ON MEGARAIL XP CONNECTION INTO MEGARAIL EP SCALE: 1:50 MEGARAIL XP SYSTEM POST ORIENTATION MIRRORED AT EACH POST LOCATION 'X' SYSTEM TO SINGLE SIDED CONNECTION 4300 4300 STANDARD BEAM LENGTH 4740 4740 STANDARD BEAM LENGTH STANDARD TOP RAIL STANDARD TOP RAIL (4000 EFFECTIVE LENGTH) (4500 EFFECTIVE LENGTH) 240 240 3000 3000 3020 2250 2250 2250 2250 ELEVATION ON MEGARAIL XP CONNECTION INTO MEGARAIL EX
SCALE: 1:50 **MEGARAIL XP** H1W3/N2W2 VI4 SINGLE SIDED OR BIFURCATION CONNECTION MEGARAIL EP N2W2 CORRUGATE ∠TOP RAIL & MEGARAIL EX H1W2 GENERAL NOTES; > SAFEROAD ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE. SPACER-FOR GENERAL DETAILS REGARDING MEGARAIL XP, SEE SYSTEM 2. MANUAL DRAWINGS CONCORD HOUSE, FOR GENERAL DETAILS REGARDING MEGARAIL EX, SEE SYSTEM 3. BESSEMER WAY, SCUNTHORPE, MANUAL DRAWINGS POST COLUMN POST COLUMN NORTH LINCOLNSHIRE, DN15 8XE FOR GENERAL DETAILS REGARDING MEGARAIL EP, SEE SYSTEM T: 01724 289119 MANUAL DRAWINGS FOR TECHNICAL ASSISTANCE CONTACT FOR MINIMUM LENGTH OF FULL HEIGHT VRS, REFER TO SAFERDAD john.cudlipp@saferoad.co.uk 01 17/11/23 LOGO UPDATED H.B DRAWING NUMBER: REVn: <u>B-B</u> . XP SECTION THROUGH FOR MEGARAIL 'X' SYSTEMS, POST ORIENTATION MIRRORED AT EACH MEGARAIL EP/EX SECTION THROUGH <u>MEGARAIL</u> POST LOCATION 00 17.05.23 H.B DRAWING CREATED MR-XP-GA-42 01 RE∨n DATE DETAILS INITIAL