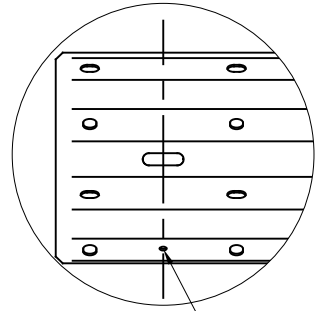
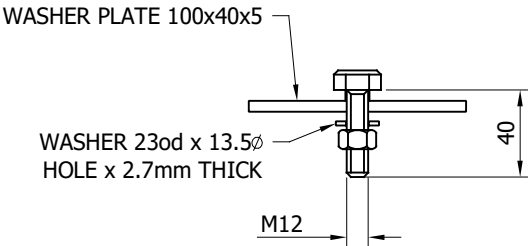


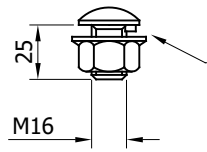
SR700 - BEAM  
VIK BEAM - CORNERS CHAMFERED  
USED FOR SAFEND P1 AND MEGAGUARD



**NOTE:** THIS HOLE IDENTIFIES THE REQUIRED ORIENTATION OF THE BEAM AND THE BEAM END WITH THE ADDITIONAL HOLE SHOULD BE SITED AS THE REAR BEAM AT LAP JOINTS

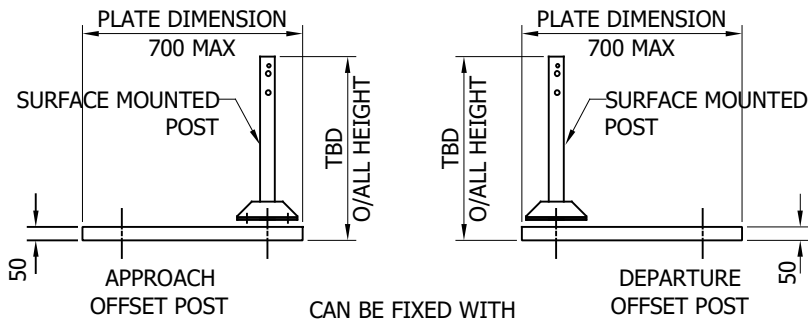


SR731 - BOLT 4.6 M12x40 (GRADE 4.6)  
c/w NUT, WASHER AND WASHER PLATE  
(DO NOT OVERTIGHTEN 10 TO 17 Nm)

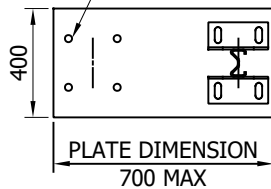


SR730 - SETSCREW  
4.6 LIP M16x25 c/w  
FLANGE NUT

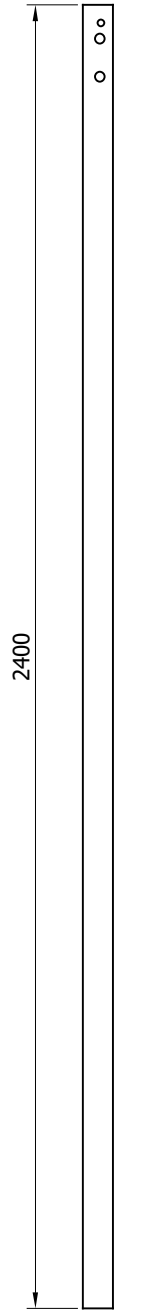
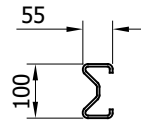
SPECIAL VIK LAP BOLT  
NOT TO BE USED WHEN  
PROGRESSING THROUGH  
SYSTEMS N2W2 & N2W4.  
USE LAP ADJOINING  
SYSTEM



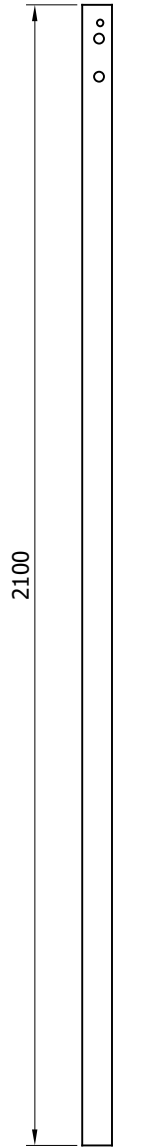
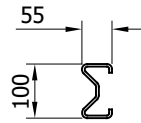
CAN BE FIXED WITH  
CAST IN ANCHORS, DRILL  
AND FIX ANCHORS OR  
PUSHED IN ANCHORS  
AT 180x180 CENTRES



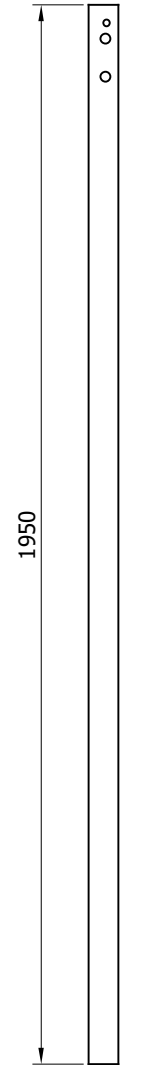
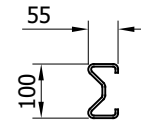
BASEPLATE DRILL &  
TAPPED FOR LIFTING EYE



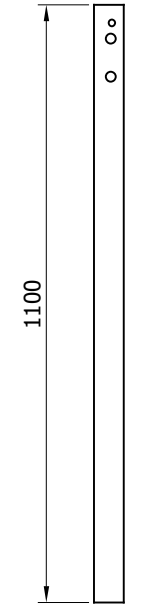
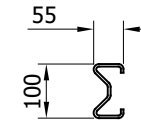
SR609 - TYPE 'B'  
POST SIGMA 100  
2400mm



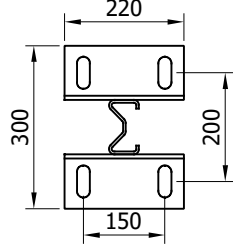
SR612 - TYPE 'B' POST  
SIGMA 100 2100mm



SR711 - TYPE 'B'  
POST SIGMA 100  
1950mm

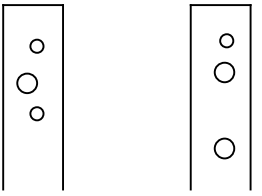


SR712 - TYPE 'B'  
POST SIGMA 100  
1100mm



HEIGHT TBD  
SURFACE MOUNTED TYPE  
'B' SIGMA 100 POST

### POST TOP DRILLING ARRANGEMENT



TYPE 'A' TYPE 'B'

13	13/05/22	SURFACE MOUNTED POST BASE CHANGED	A.D
12	17/12/21	DETAILS REVISED	A.D
11	22/10/21	SR700 BEAM WIDTH DIMENSION ALTERED	A.D
10	23/09/21	DETAIL OF ITEM SR730 ALTERED	A.D
09	26/08/21	DETAILS REVISED	M.T
08	11/06/21	DETAILS REVISED	M.T
07	28/08/19	DETAILS REVISED	M.T
06	20/06/19	DETAILS REVISED	M.T
05	12/02/19	MINOR DETAIL CHANGES AND TITLE BLOCK CHANGE	H.B
04	20/04/17	VI RATING REMOVED	L.L
03	10/03/17	OFFSET POST REVISED	L.L
02	26/01/17	DETAILS REVISED	L.L
1.0	21/05/15	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

## VIK CC2-W3

(POST CENTRES AT 2M)

## & CC4-W3

(POST CENTRES AT 4M)

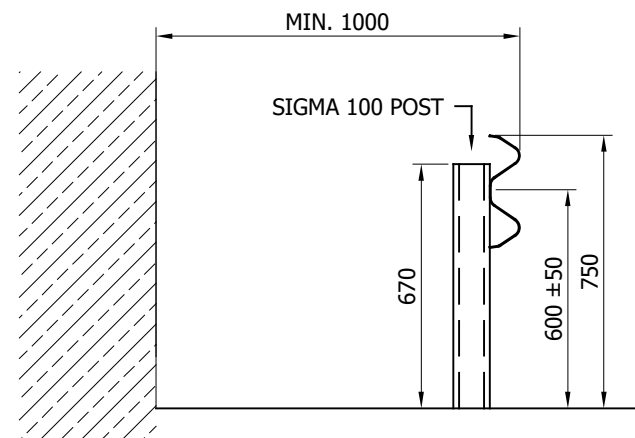
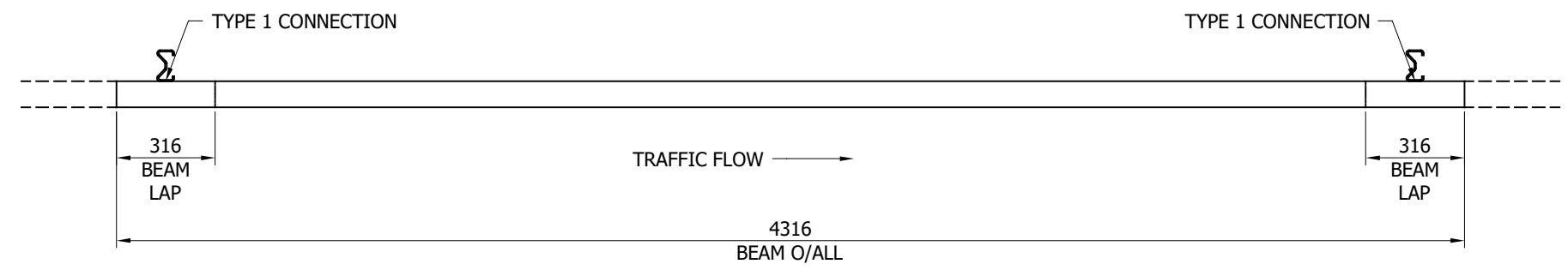
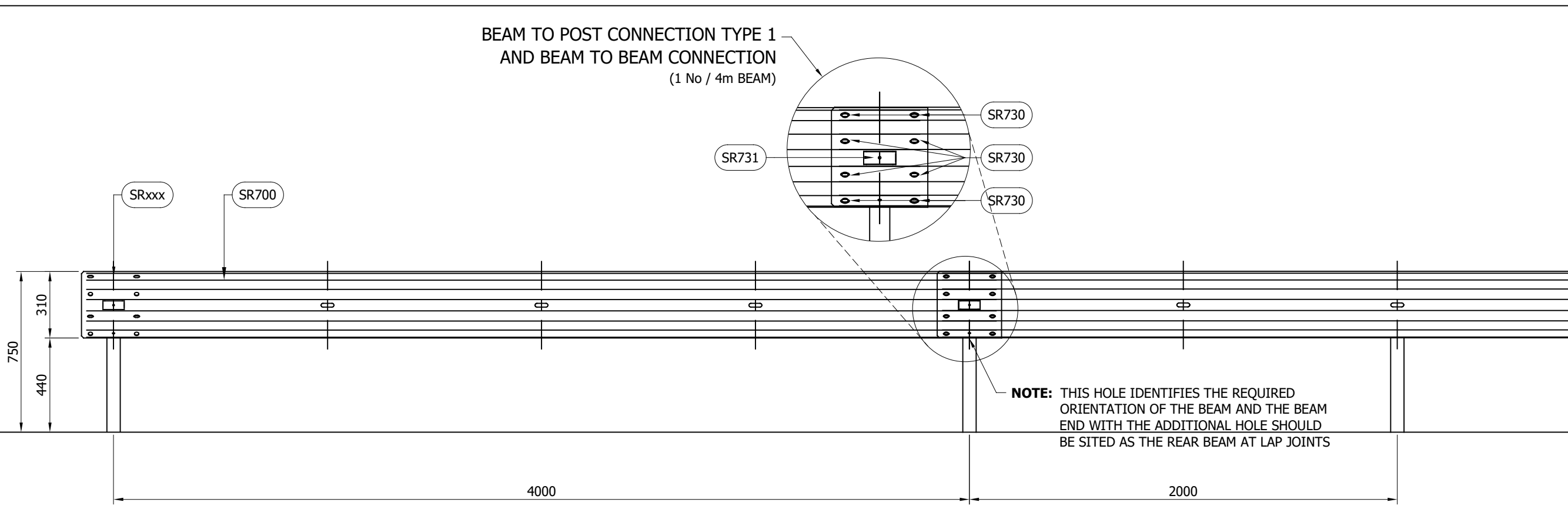
N2.W3 VEHICLE RESTRAINT SYSTEM  
COMPONENTS SCHEMATIC

**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:
N2W3-GA-00	13



- GENERAL NOTES:
1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
  2. POST CENTRES MAY BE INSTALLED AT EITHER 2m OR 4m CENTRES, AS SHOWN IN ELEVATION, TO ACCOMMODATE LOCAL OBSTRUCTIONS. THE SYSTEM SHOULD RETURN TO 4m CENTRES WITH POSTS AT THE BEAM LAP JOINTS LOCATIONS, AS PLAN VIEW, AS SOON AS IS PRACTICAL.
  3. FOR OPTIONS ON POST FOUNDATIONS REFER TO DRAWING NUMBER MR-GA-020
  4. FOR DEVIATIONS IN SYSTEM POST PITCH REFER TO DRAWING N2W3-GA-40
  5. WHEN TYING INTO ADJACENT VRS ONLY ONE WORKING WIDTH DIFFERENCE IS PERMITTED.
  6. WHERE A KERB IS PRESENT THE MAXIMUM KERB HEIGHT IS 100mm.
  7. FOR MINIMUM LENGTH OF FULL HEIGHT VRS REFER TO SAFEROAD MEGARAIL MANUAL, SEE DRAWING MR-GA-042.
  8. THE SYSTEM CAN HAVE 2M OR 4M SPACINGS
  9. BEAMS HAVE SLOTS 1M APART RATHER THAN THE 1333MM SPACINGS OF OTHER MEGARAIL BEAMS

SYSTEM COMPONENT SCHEDULE - QUANTITIES / 4m BEAM		
SAFEROAD UK PART NUMBER	DESCRIPTION	QUANTITY
SR700	BEAM "A" PROFILE 3mm	1
SEE TABLE B	POST SIGMA 100	1
FOR SCHEDULE OF BOLTED CONNECTIONS REFER TO DRAWING NUMBER N2W3-GA-02		

TABLE 'B' - SCHEDULE OF POST REFERENCE NUMBERS AND LENGTHS	
SAFEROAD UK PART NUMBER	POST LENGTH
SR609	2400
SR612	2100
SR711	1950
SR712	1100

09	17/12/21	DETAILS REVISED	A.D
08	23/09/21	GENERAL NOTE 7 ALTERED	A.D
07	28/08/19	SYSTEM HEIGHT REVISED	M.T
06	21/06/19	BEAM LENGTH REVISED	M.T
05	12/02/19	TITLEBLOCK REVISED	H.B
04	20/04/17	VI RATING REMOVED	L.L
03	10/03/17	BEAM CHAMFERED	L.L
02	26/01/17	CODES & DETAILS REVISED	L.L
1.3	21/05/15	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

# VIK CC2-W3

(POST CENTRES AT 2M)

# & CC4-W3

(POST CENTRES AT 4M)

N2.W3 VEHICLE RESTRAINT SYSTEM  
ASSEMBLY AND SETTING OUT  
ARRANGEMENT

## SAFEROAD®

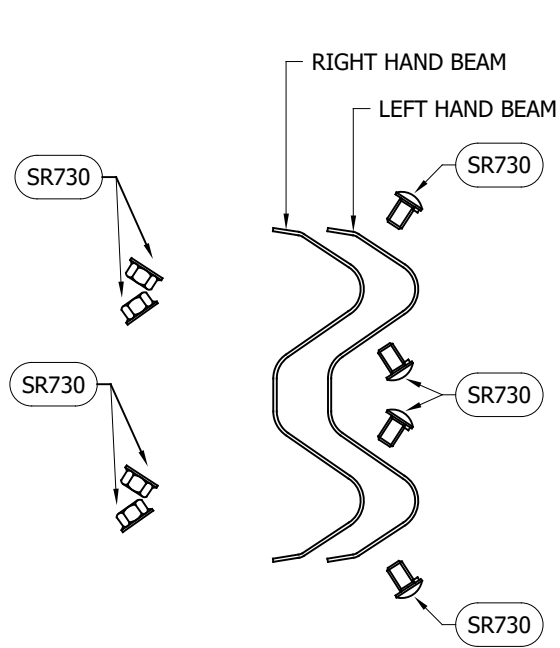
CONCORD HOUSE,  
BESSEMER WAY, SCUNTHORPE,  
NORTH LINCOLNSHIRE, DN15 8XE  
t: 01724 289119  
FOR TECHNICAL ASSISTANCE CONTACT  
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:

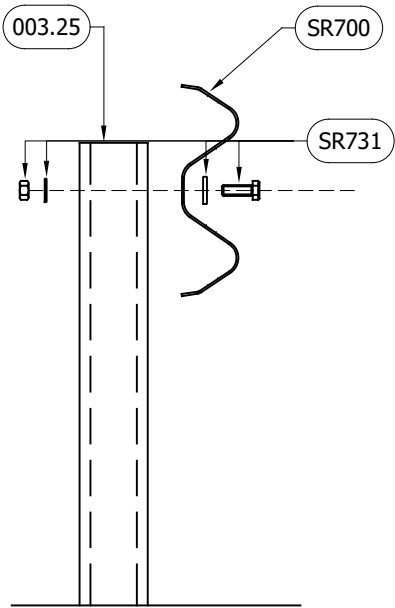
### N2W3-GA-01

REVn:

### 09



BEAM TO BEAM LAP  
CONNECTION ARRANGEMENT  
(x2 LOCATIONS / BEAM END)



BEAM TO POST  
CONNECTION TYPE 1

BOLTING COMPONENT SCHEDULE - QUANTITIES / BEAM		
SAFEROAD UK PART NUMBER	DESCRIPTION	BEAM TO BEAM CONNECTION
SR730	SETSCREW 4.6 LIP M16x25 c/w FLANGE NUT	8 (+8)

BOLTING COMPONENT SCHEDULE - QUANTITIES / POST		
SAFEROAD UK PART NUMBER	DESCRIPTION	TYPE 1 CONNECTION
SR731	BOLT 4.8 M12x40 c/w NUT, WASHER 11Ø HOLE AND WASHER PLATE 100 x 40 x 5mm	1
QUANTITY OF CONNECTION TYPES / 4m BEAM		
		1 (+1)

\*\* BEAM REFERENCES i.e. LEFT / RIGHT HAND ARE FOR VERGE INSTALLATIONS; FOR CENTRAL RESERVATION  
INSTALLATIONS THE REFERENCES ARE REVERSED

- GENERAL NOTES:
- NUMBERS IN THE SCHEDULES SUFFIXED (+)  
DENOTES THE ADDITIONAL QUANTITY OF  
COMPONENTS REQUIRED FOR EXTREME ENDS  
OF INDIVIDUAL RUNS OF BARRIER.

05	23/09/21	NUT & WASHER REMOVED AND REPLACED WITH FLANGE NUT	A.D
04	12/02/19	TITLEBLOCK REVISED	H.B
03	20/04/17	VI RATING REMOVED	L.L
02	26/01/17	CODES & DETAILS REVISED	L.L
1.2	21/05/15	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

## VIK CC2-W3

(POST CENTRES AT 2M)

## & CC4-W3

(POST CENTRES AT 4M)

N2.W3 VEHICLE RESTRAINT SYSTEM  
BOLTING ARRANGEMENTS

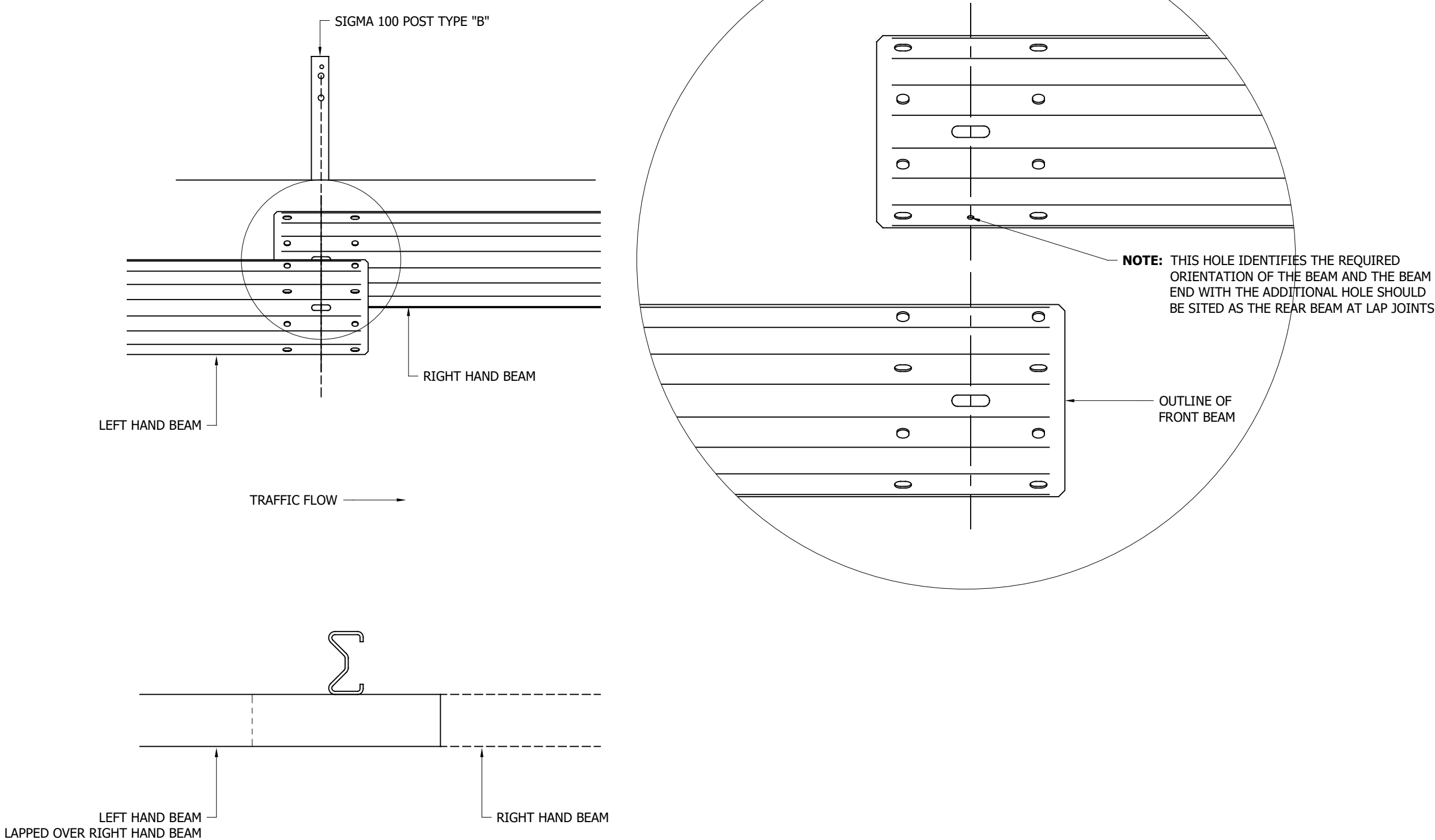
# SAFEROAD®

CONCORD HOUSE,  
BESSEMER WAY, SCUNTHORPE,  
NORTH LINCOLNSHIRE, DN15 8XE  
t: 01724 289119

FOR TECHNICAL ASSISTANCE CONTACT  
john.cudlipp@saferoad.co.uk

DRAWING NUMBER:	REVn:
N2W3-GA-02	05

- GENERAL NOTES:
1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.

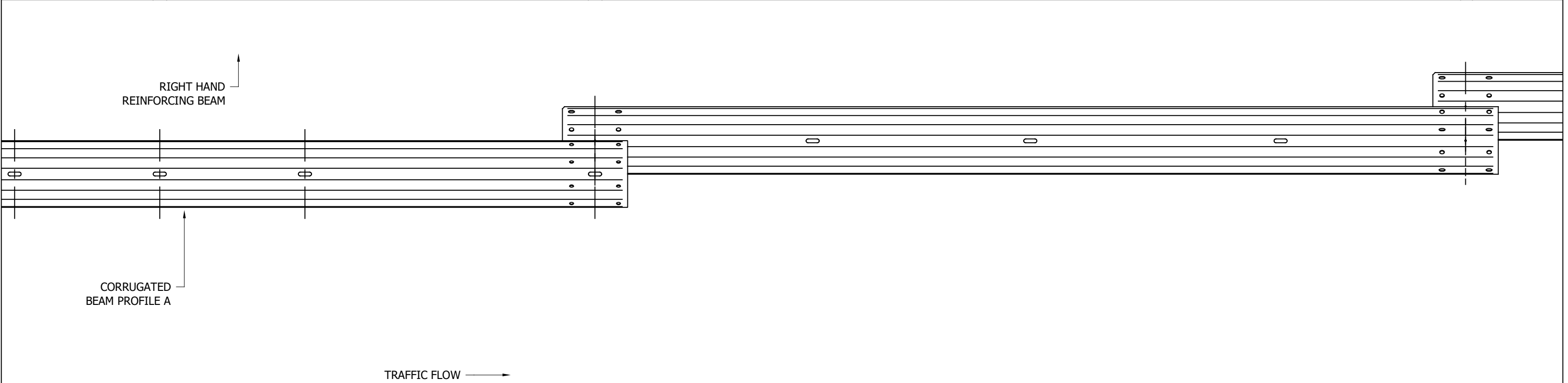
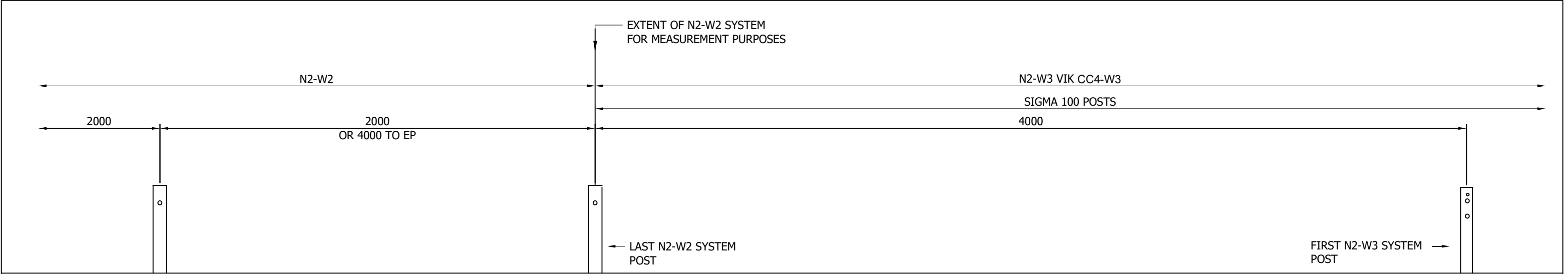


07	16/03/22	BEAM CORNERS CHAMFERED	A.D
06	23/09/21	HOLE REMOVED FROM LAPPING FRONT BEAM	A.D
05	12/02/19	MINOR DETAIL CHANGES AND TITLEBLOCK REVISION	H.B
04	20/04/17	VI RATING REMOVED	L.L
03	10/03/17	BEAM CHAMFERED	L.L
02	26/01/17	VIEW DETAILS REVISED	L.L
1.1	21/05/15	DETAILS REVISED	M.T
REVn	DATE	DETAILS	INITIAL

**VIK CC2-W3**  
(POST CENTRES AT 2M)  
**& CC4-W3**  
(POST CENTRES AT 4M)  
N2.W3 VEHICLE RESTRAINT SYSTEM  
LAPPING ARRANGEMENTS

**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:
N2W3-GA-03	07



- GENERAL NOTES:
1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.

## VIK CC2-W3

(POST CENTRES AT 2M)

## & CC4-W3

(POST CENTRES AT 4M)

VEHICLE RESTRAINT SYSTEM.  
N2 W3 INTO N2 W2 SYSTEM  
PROGRESSION CONNECTION DETAIL

07	27/06/22	NOTES REMOVED	A.D
06	23/09/21	TITLEBLOCK REVISED	A.D
05	09/02/21	DETAILS REVISED	M.T
04	01/04/19	TITLEBLOCK REVISED	M.T
03	12/02/19	TITLEBLOCK REVISED	H.B
02	20/04/17	VI RATING REMOVED	L.L
01	10/03/17	POST DETAILS REVISED	L.L
00	26/01/17	NEW DRAWING	L.L
REVn	DATE	DETAILS	INITIAL

# 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:
N2W3-GA-20	07

\*\* BEAM REFERENCES i.e. LEFT / RIGHT HAND ARE FOR VERGE INSTALLATIONS; FOR CENTRAL RESERVATION INSTALLATIONS THE REFERENCES ARE REVERSED

- 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 AS PER THIS DRAWING. 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 N2W3-GA-00 CAN BE USED.

07	13/05/22	SURFACE MOUNTED POST BASE CHANGED	A.D
06	17/12/21	WASHER PLATE DETAIL REVISED	A.D
05	23/09/21	TITLEBLOCK REVISED	A.D
04	23/07/21	SURFACE MOUNTED POST DETAIL ADDED	A.D
03	01/04/19	DETAILS REVISED	M.T
02	12/02/19	TITLEBLOCK REVISED	H.B
01	20/04/17	VI RATING REMOVED	L.L
00	26/01/17	NEW DRAWING	L.L
REVn	DATE	DETAILS	INITIAL

**VIK CC2-W3**  
(POST CENTRES AT 2M)  
**& CC4-W3**  
(POST CENTRES AT 4M)  
N2.W3 VEHICLE RESTRAINT SYSTEM  
DEVIATION SETTING OUT  
ARRANGEMENT

**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:
N2W3-GA-40	07

