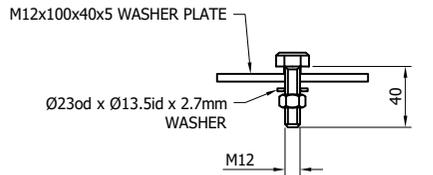
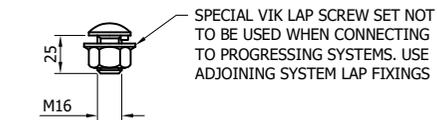


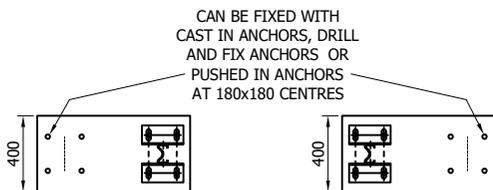
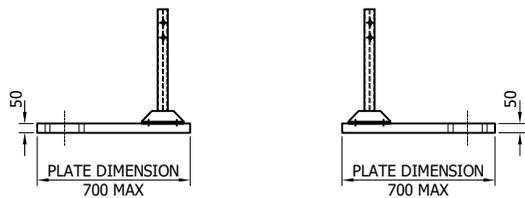
SR700 - VIK 'A' PROFILE BEAM



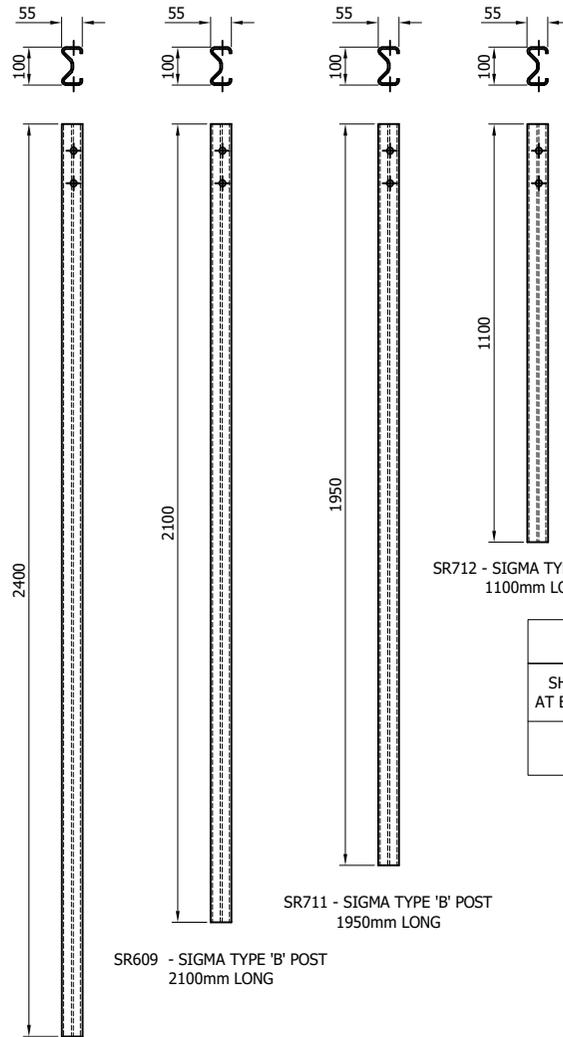
SR731 - M12x40 4.6 SETSCREW
c/w NUT, WASHER AND WASHER PLATE
(DO NOT OVERTIGHTEN 10 TO 17 Nm)



SR730 - M16x25 8.8 LIP
SETSCREW c/w FLANGE NUT



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

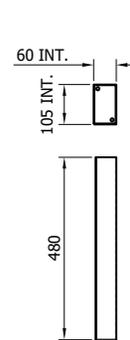


SR609 - SIGMA TYPE 'B' POST
2100mm LONG

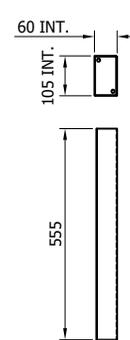
SR613 - SIGMA TYPE 'B' POST
2400mm LONG



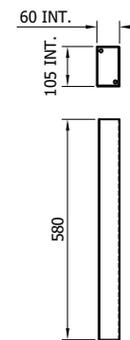
SR100 - A21
REINFORCING RING



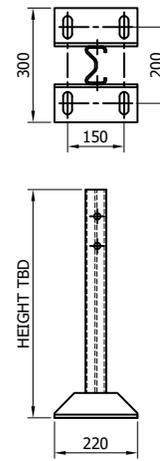
SR090 - SIGMA
POST SOCKET x 480



SR091 - SIGMA
POST SOCKET x 555



SR092 - SIGMA
POST SOCKET x 580

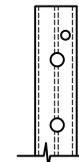


SR460 - SIGMA TYPE 'B'
SURFACE MOUNTED POST

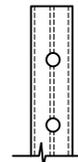
SR712 - SIGMA TYPE 'B' POST
1100mm LONG

SURFACE MOUNTED POST LOADINGS				
SHEAR FORCE AT BASE OF POST	TENSILE LOAD PER BOLT	MAXIMUM TENSILE LOAD	CO-EXISTENT SHEAR PER BOLT	CO-EXISTENT SHEAR PER POST
9kN	12kN	24kN	4kN	12kN

POST IDENTIFICATION



OLD TYPE 'B'
POST



NEW TYPE 'B'
POST

BOTH OLD & NEW POST TYPES
ARE ACCEPTABLE FOR USE

REVn	DATE	DETAILS	INITIAL
16	13/03/26	POST DETAILS UPDATED	H.B
15	17/05/24	LAP BOLT GRADE CHANGE	H.B
14	22/03/24	DRAWING UPDATED	H.B

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& **MegaRail VIK CC4-W3**
(POST CENTRES AT 4M)

COMPONENTS SCHEMATIC

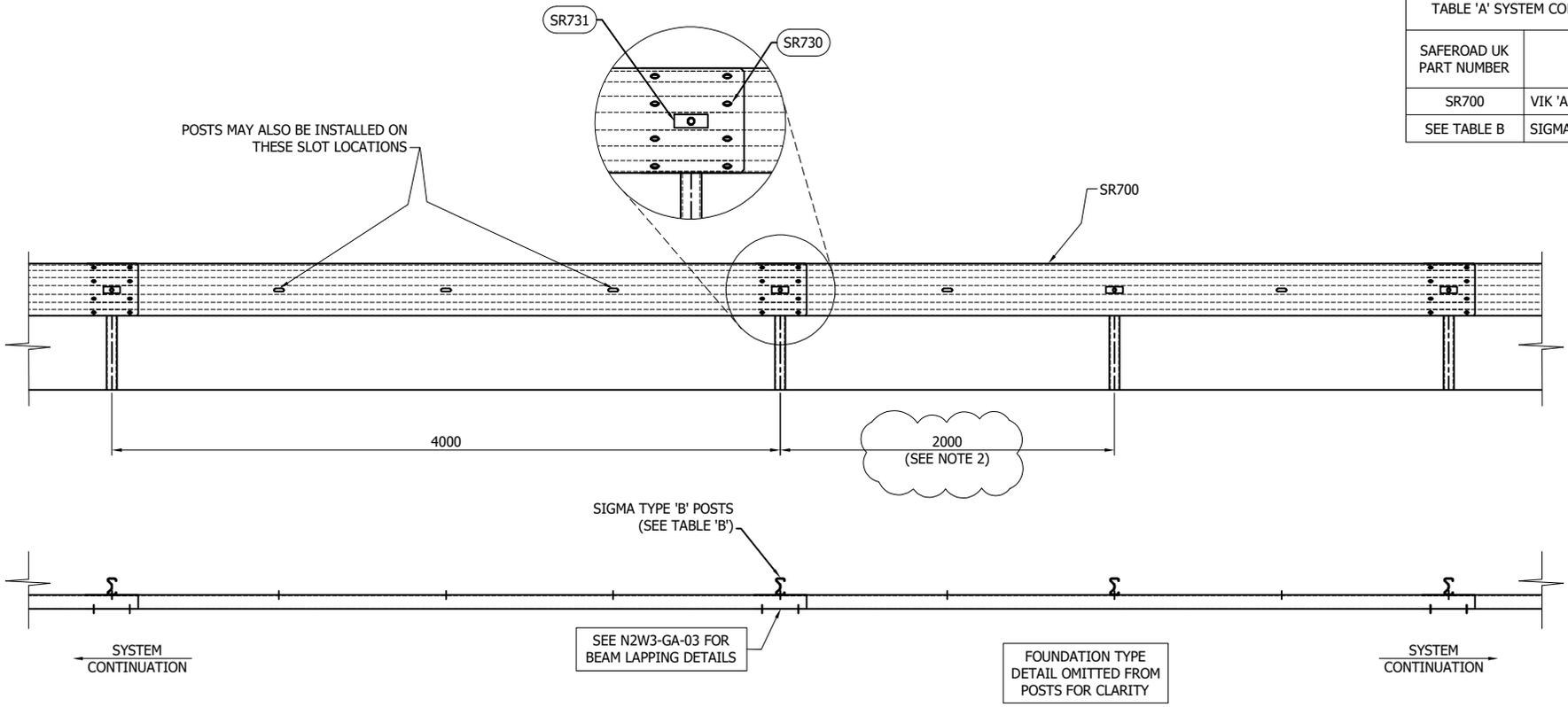


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DRAWING NUMBER: N2W3-GA-00 REVn: 16

TABLE 'A' SYSTEM COMPONENT SCHEDULE - QUANTITIES P/4m BEAM		
SAFEROAD UK PART NUMBER	DESCRIPTION	QUANTITY
SR700	VIK 'A' PROFILE BEAM	1
SEE TABLE B	SIGMA TYPE 'B' POST	(1)

TABLE 'B' - SCHEDULE OF POST REFERENCE NUMBERS AND LENGTHS	
SAFEROAD PART NUMBER	POST LENGTH
SR613	2400
SR609	2100
SR711	1950
SR712	1100
SR460	SURFACE MOUNTED



REVn	DATE	DETAILS	INITIAL
11	13/03/26	GENERAL DRAWING UPDATE	H.B
10	22/03/24	ADDITIONAL POST CENTRES ADDED	H.B
09	17/12/21	DETAILS REVISED	A.D

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& MegaRail VIK CC4-W3
(POST CENTRES AT 4M)

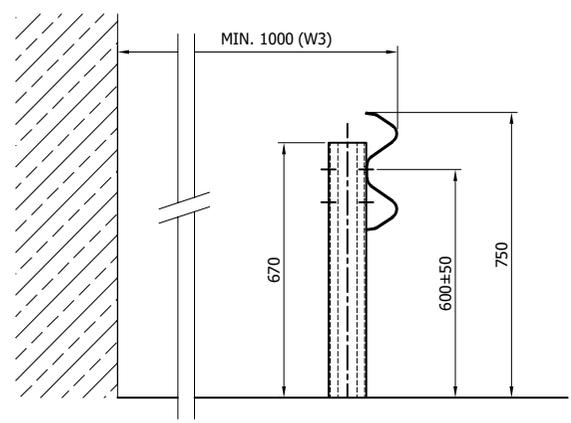
GENERAL ARRANGEMENT DETAILS

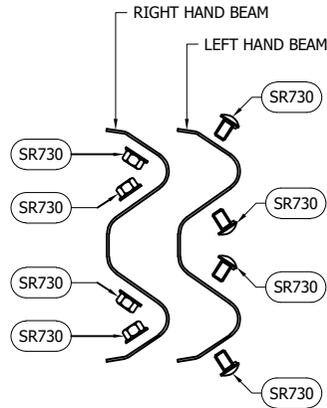
SAFEROAD

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DRAWING NUMBER:	REVn:
N2W3-GA-01	11

- GENERAL NOTES:
- POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
 - POST CENTRES MAY BE INSTALLED AT EITHER 2m OR 4m CENTRES, TO ACCOMMODATE LOCAL OBSTRUCTIONS. THE SYSTEM SHOULD RETURN TO 4M CENTRES WITH POSTS AT THE BEAM LAP JOINTS LOCATIONS AS SOON AS IS PRACTICAL.
 - FOR OPTIONS ON POST FOUNDATIONS REFER TO DRAWING NUMBER MR-GA-020
 - FOR DEVIATIONS IN SYSTEM POST PITCH REFER TO DRAWING N2W3-GA-40
 - WHEN TYING INTO ADJACENT VRS ONLY ONE WORKING WIDTH DIFFERENCE IS PERMITTED.
 - SEE MR-GA-001 & MR-GA-003 FOR DETAILS OF SYSTEM HEIGHTS WITH REFERENCE TO SETBACK & KERB HEIGHTS

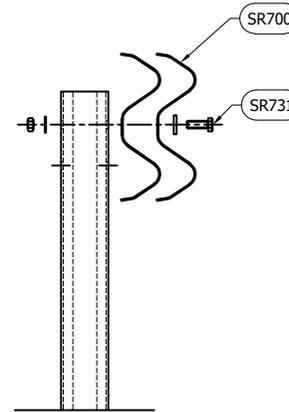




BEAM LAP CONNECTION
FIXING SCHEMATIC

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

BEAM LAP CONNECTION		
SAFEROAD PART NUMBER	DESCRIPTION	BEAM LAP CONNECTION
SR730	M16x25 8.8 LIP SETSCREW c/w FLANGE NUT	8 (+8)



BEAM TO POST
CONNECTION

BEAM TO POST CONNECTION		
SAFEROAD PART NUMBER	DESCRIPTION	TYPE 1 CONNECTION
SR731	M12x40 4.6 SETSCREW c/w NUT, WASHER 11 ϕ HOLE AND WASHER PLATE 100 x 40 x 5mm	1

08	13/03/26	GENERAL DRAWING UPDATE	H.B
07	17/05/24	LAP BOLT GRADE CHANGE	H.B
06	22/03/24	DRAWING UPDATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& **MegaRail VIK CC4-W3**
(POST CENTRES AT 4M)

SYSTEM BOLTING ARRANGEMENT

SAFEROAD

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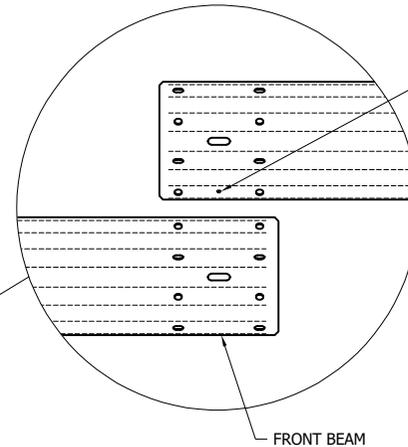
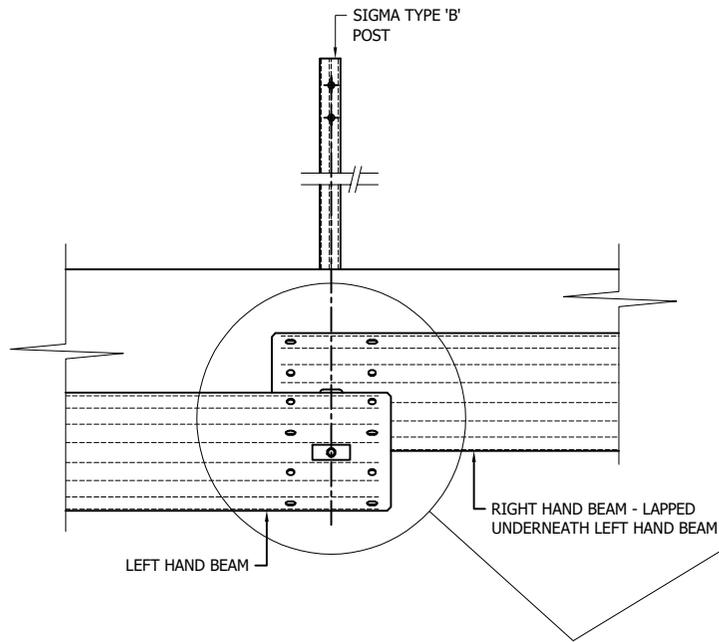
DRAWING NUMBER:	REVn:
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N2W3-GA-02

08

GENERAL NOTES:

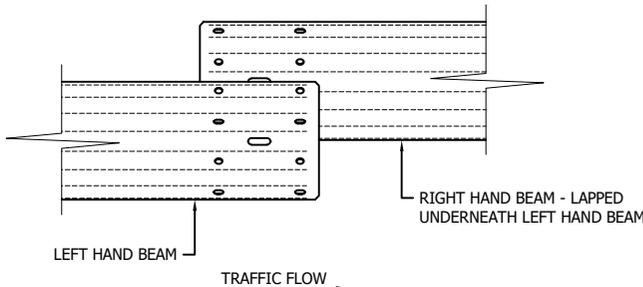
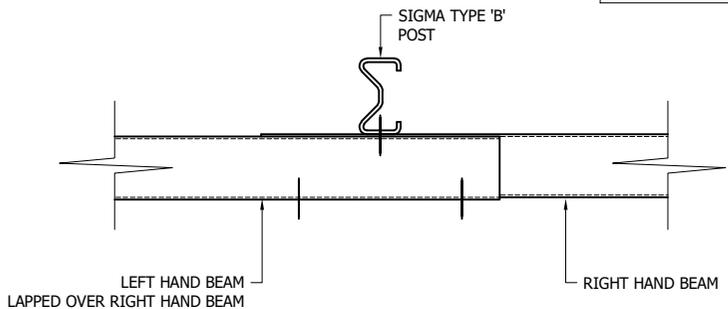
- NUMBERS IN THE SCHEDULES SUFFIXED (+) DENOTES THE ADDITIONAL QUANTITY OF COMPONENTS REQUIRED FOR EXTREME ENDS OF INDIVIDUAL RUNS OF BARRIER.



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

BEAM ORIENTATION SCHEMATIC (APPLICABLE TO ALL LAP LOCATIONS)

FOUNDATION TYPE DETAIL OMITTED FROM POSTS FOR CLARITY



BEAM LAP DETAILS FOR LOCATIONS THAT DON'T FALL ON A POST (DUE TO ALTERNATE POST POSITIONS - SEE N2W3-GA-01)

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

09	13/03/26	POST DETAILS UPDATED	H.B
08	22/03/24	DRAWING UPDATED	H.B
07	16/03/22	BEAM CORNERS CHAMFERED	A.D
REVn	DATE	DETAILS	INITIAL

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& MegaRail VIK CC4-W3
(POST CENTRES AT 4M)

BEAM LAPPING DETAILS



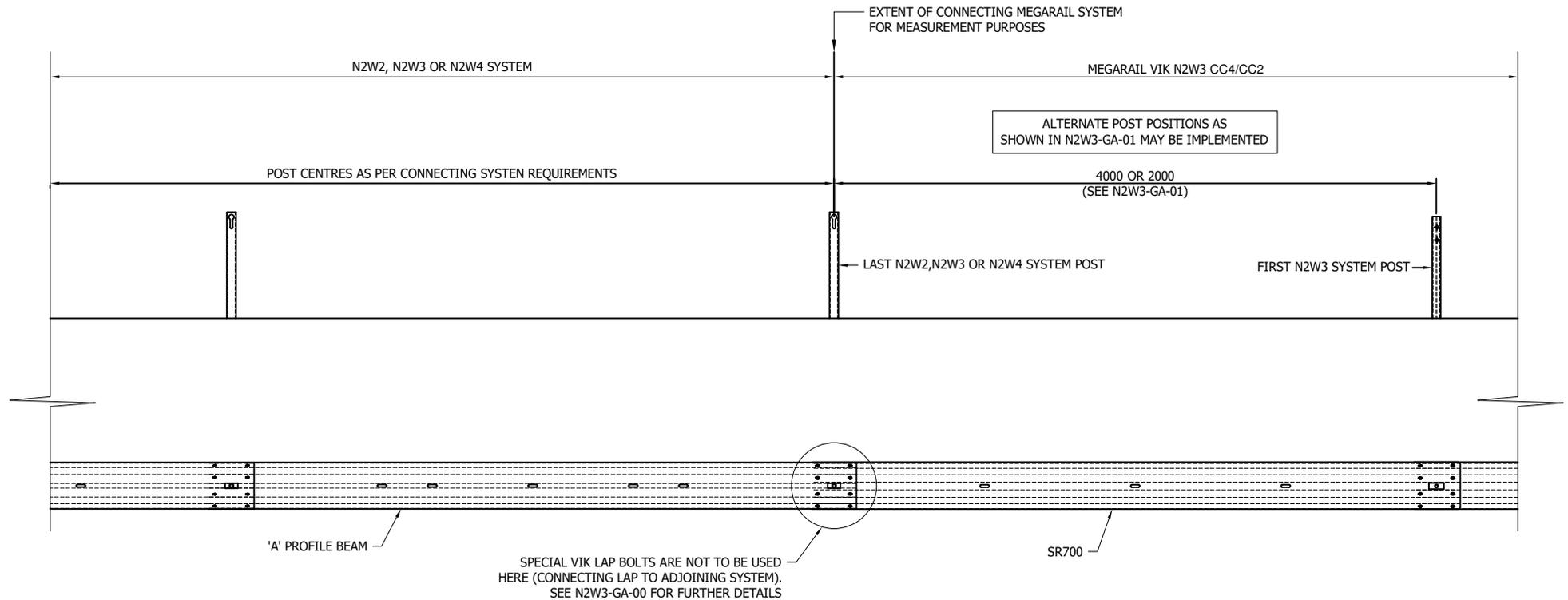
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DRAWING NUMBER:	REVn:
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N2W3-GA-03

09

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



09	13/03/26	GENERAL DRAWING UPDATE	H.B
08	22/03/24	DRAWING UPDATED	H.B
07	27/06/22	NOTES REMOVED	A.D
REVn	DATE	DETAILS	INITIAL

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& **MegaRail VIK CC4-W3**
(POST CENTRES AT 4M)

SYSTEM PROGRESSION DETAILS



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DRAWING NUMBER:	REVn:
N2W3-GA-20	09

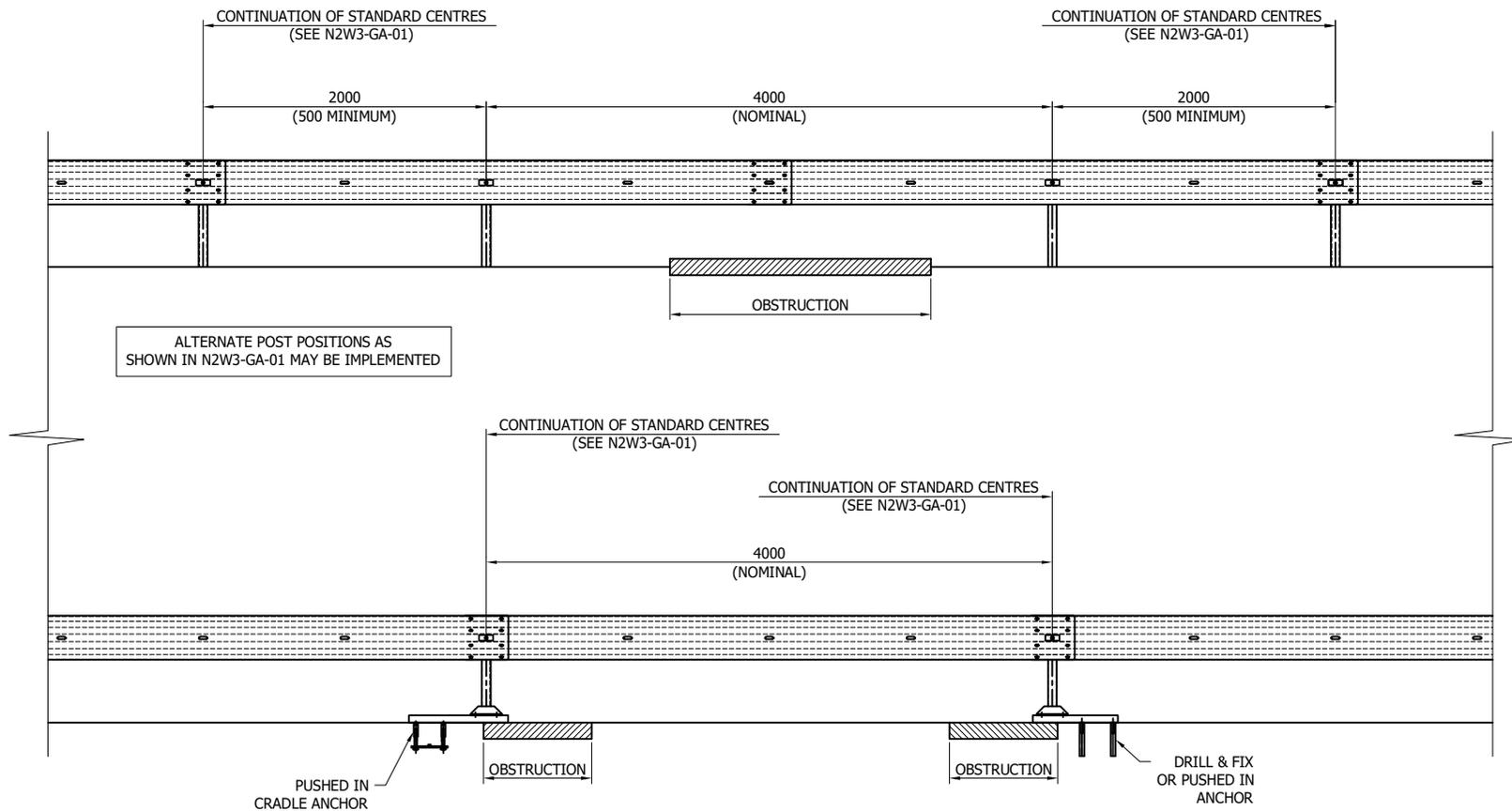
GENERAL NOTES:

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

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

GENERAL NOTES:

1. IF IT IS NOT POSSIBLE TO INSTALL A POST IN THE INTENDED LOCATION, THE POST SPACING MUST BE REDUCED WITH AN ADDITIONAL POST. THE MINIMUM DISTANCE BETWEEN THE POSTS IS STRICTLY 500mm.
2. POST CENTRES MAY BE INSTALLED AT EITHER 2m OR 4m CENTRES, TO ACCOMMODATE LOCAL OBSTRUCTIONS. THE SYSTEM SHOULD RETURN TO 4M CENTRES WITH POSTS AT THE BEAM LAP JOINTS LOCATIONS AS SOON AS IS PRACTICAL.
3. OFFSET POSTS SHOWN ON DRAWING N2W3-GA-00 CAN BE USED (USE WITH SR460)
4. IN PRINCIPLE, THE FABRICATED SLOTS IN THE BEAM SHOULD BE USED, HOWEVER WHERE DEVIATIONS ARE REQUIRED IT IS ACCEPTABLE TO DRILL NEW HOLES IN THE DESIRED LOCATIONS. NEW HOLES TO BE TREATED WITH ZINC RICH PAINT.



09	13/03/26	GENERAL DRAWING UPDATE	H.B
08	22/03/24	DRAWING UPDATED	H.B
REVn	DATE	DETAILS	INITIAL

MegaRail VIK CC2-W3
(POST CENTRES AT 2M)
& **MegaRail VIK CC4-W3**
(POST CENTRES AT 4M)

SYSTEM DEVIATION OPTIONS



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DRAWING NUMBER:	REVn:
N2W3-GA-40	09