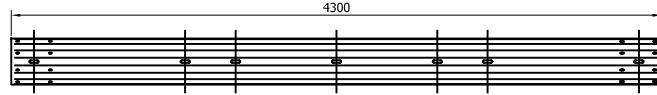
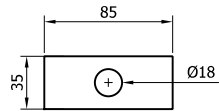


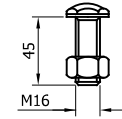
SR542 - PROFILE 'A' BEAM
5300mm x 2.5mm



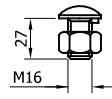
SR000 - "A" PROFILE BEAM 4.3m x 2.5mm THK



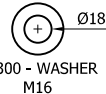
SR155 - WASHER PLATE
85 x 35 x 4 DIA. 18



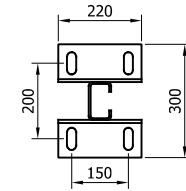
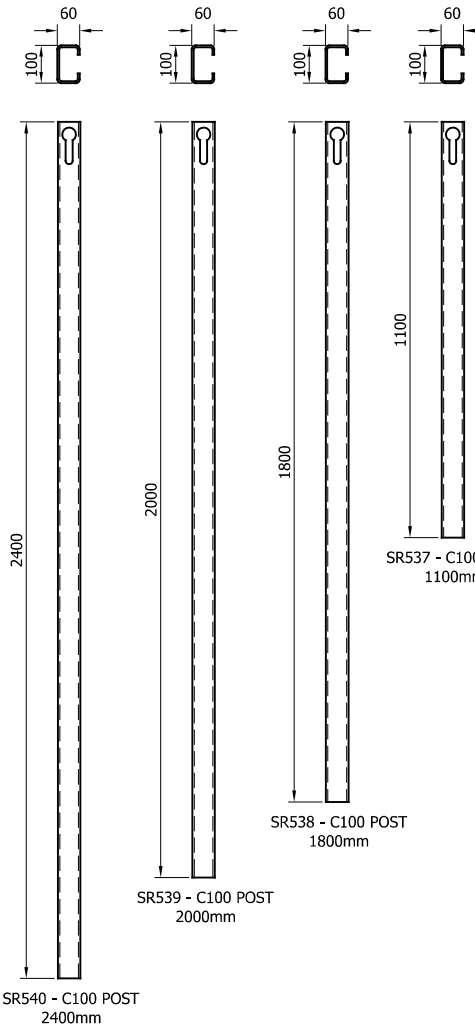
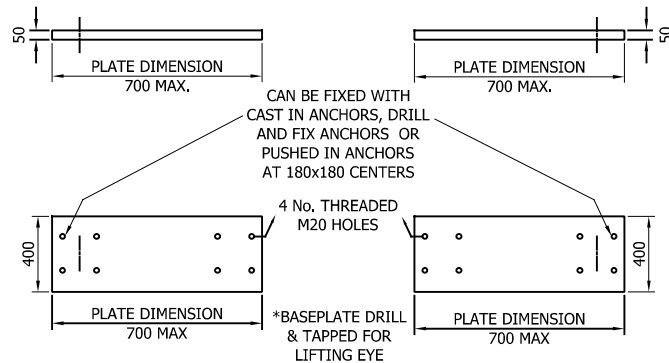
SR201 - PANHEAD 8.8
M16x45 C/W NUT



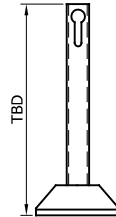
SR200 - SETSCREW 4.6 LIP
M16x27 c/w NUT



SR300 - WASHER
M16



SR541 - SURFACE
MOUNTED C100 POST



SR100 - A21
REINFORCING
RING



REVn	DATE	DETAILS	INITIAL
02	27/09/24	SR000 DETAILS ADDED	H.B
01	28/06/24	PRODUCT CODES UPDATED	H.B
00	06/06/23	DRAWING CREATED	H.B

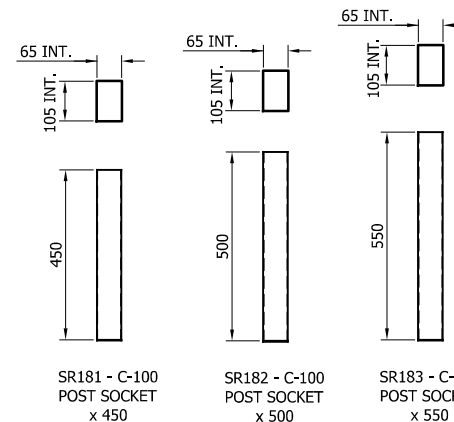
MEGARAIL EP 5.0 N2 W3

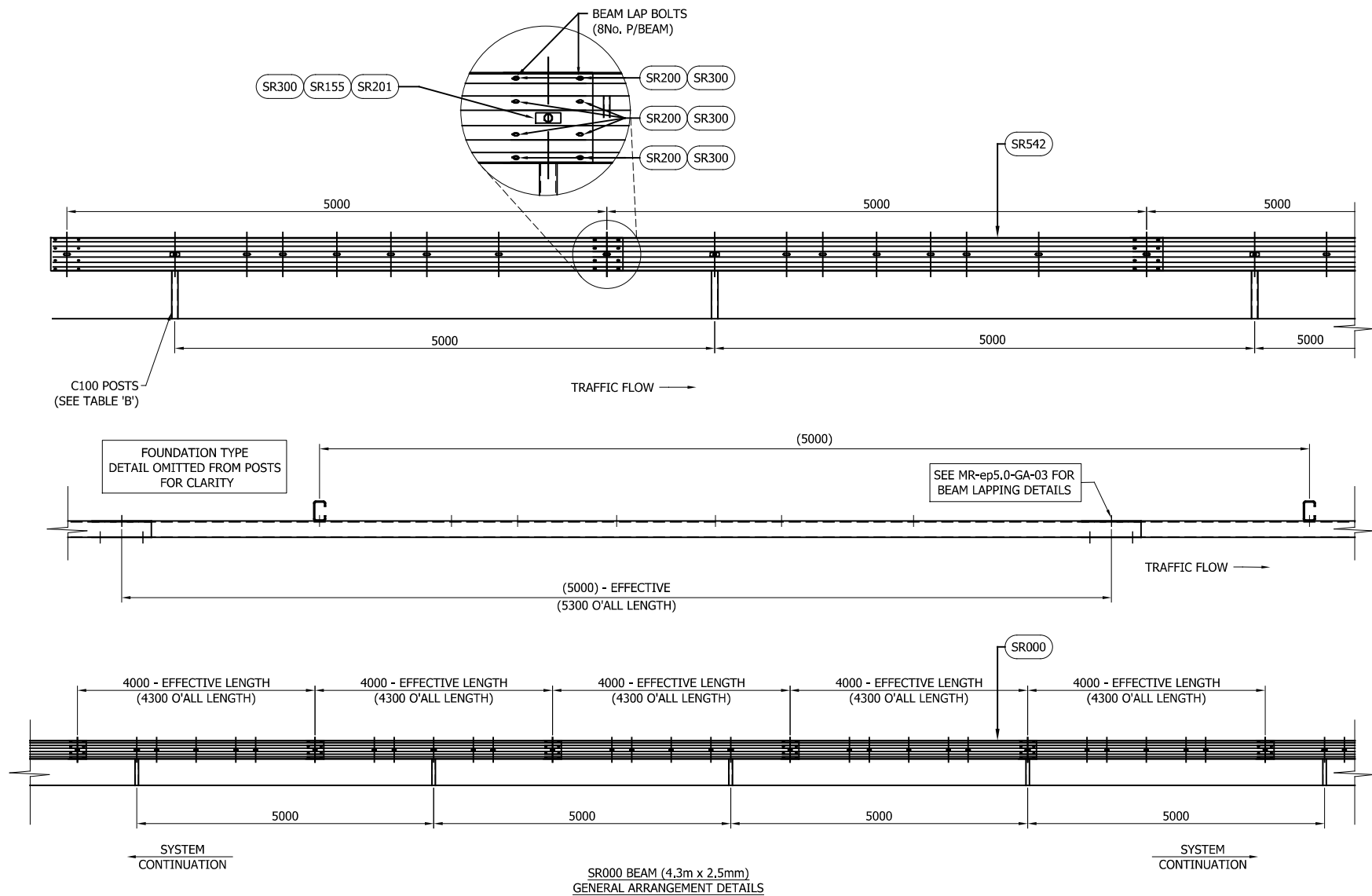
COMPONENTS SCHEMATIC



CONCORD HOUSE,
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FOR TECHNICAL ASSISTANCE CONTACT
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DRAWING NUMBER:	REVn:
MR-ep5.0-GA-00	02





GENERAL NOTES:

1. P.S.B. = POINT FROM WHERE SET-BACK IS MEASURED.
2. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
3. FOR OPTIONS ON POST FOUNDATIONS REFER TO DRAWING NUMBER MR-GA-020
4. FOR DEVIATIONS IN SYSTEM POST CENTRES, REFER TO DRAWING MR-ep5.0-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. SHOULD THE KERB BE HIGHER THAN 100mm AND THE FENCE IS SETBACK LESS THAN 250mm FROM FACE OF KERB THE SYSTEM HEIGHT IS MEASURED FROM THE CARRIAGEWAY. IF THE SETBACK IS MORE THAN 250mm FROM THE FACE OF KERB THE SYSTEM HEIGHT IS MEASURED FROM THE TOP OF THE KERB. SEE MR-GA-002.
7. FOR MINIMUM LENGTH OF FULL HEIGHT VRS REFER TO SAFEROAD MEGARAIL MANUAL.
8. SR000 BEAM MAY ALSO BE USED AS AN ALTERNATIVE OPTION

REVn	DATE	DETAILS	INITIAL
02	27/09/24	SR000 DETAILS ADDED	H.B
01	28/06/24	PRODUCT CODES UPDATED	H.B
00	06/06/23	DRAWING CREATED	H.B

MEGARAIL EP 5.0 N2 W3

GENERAL ARRANGMENT DETAILS

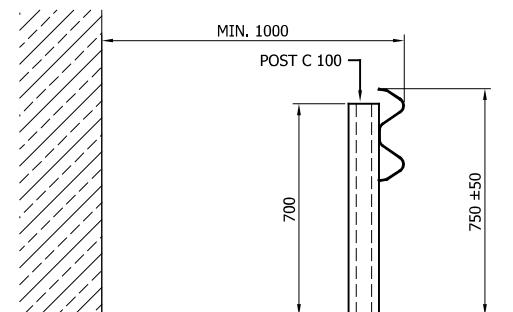


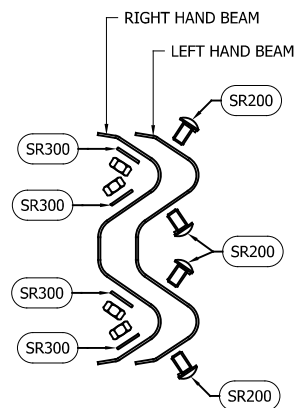
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DRAWING NUMBER: MR-ep5.0-GA-01 REVn: 02

TABLE 'A' - SYSTEM COMPONENT SCHEDULE - QUANTITIES / BEAM		
SAFEROAD UK PART NUMBER	DESCRIPTION	QUANTITY
SR542/SR000	'A' PROFILE BEAM (SEE GA-00)	1
SEE TABLE 'B'	C100 POSTS	1
FOR FIXING SCHEMATIC DETAILS, PLEASE SEE MR-ep5.0-GA-02		

TABLE 'B' - SCHEDULE OF POST REFERENCE NUMBERS AND LENGTHS	
SAFEROAD UK PART NUMBER	POST LENGTH
SR537	1100
SR538	1800
SR539	2000
SR540	2400

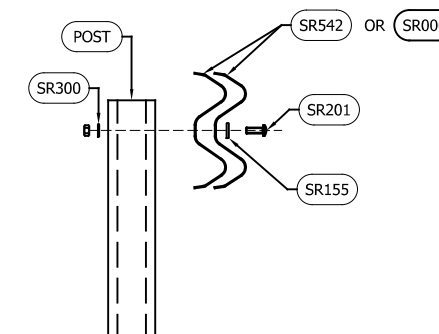




BEAM LAP CONNECTION
FIXING SCHEMATIC
(QTY P/1No. BEAM)

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

BEAM LAP CONNECTION		
SAFEROAD UK PART NUMBER	DESCRIPTION	QTY'S P/BEAM
SR200	SETSCREW 4.6 LIP M16x27 c/w NUT	8 (+8)
SR300	WASHER M16 18ø HOLE	8 (+8)



BEAM TO POST
CONNECTION
(QTY'S P/POST)

BEAM TO POST CONNECTION		
SAFEROAD UK PART NUMBER	DESCRIPTION	QTY'S P/POST
SR201	PANHEAD 8.8 M16 x 45 C/W NUT	1
SR155	WASHER PLATE 85 x 35 x 4 DIA. 18	1
SR300	WASHER M16 18ø HOLE	1

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

02	27/09/24	SR000 DETAILS ADDED	H.B
01	28/06/24	PRODUCT CODES UPDATED	H.B
00	06/06/23	DRAWING CREATED	H.B
REVn	DATE	DETAILS	INITIAL

MEGARAIL EP 5.0 N2 W3

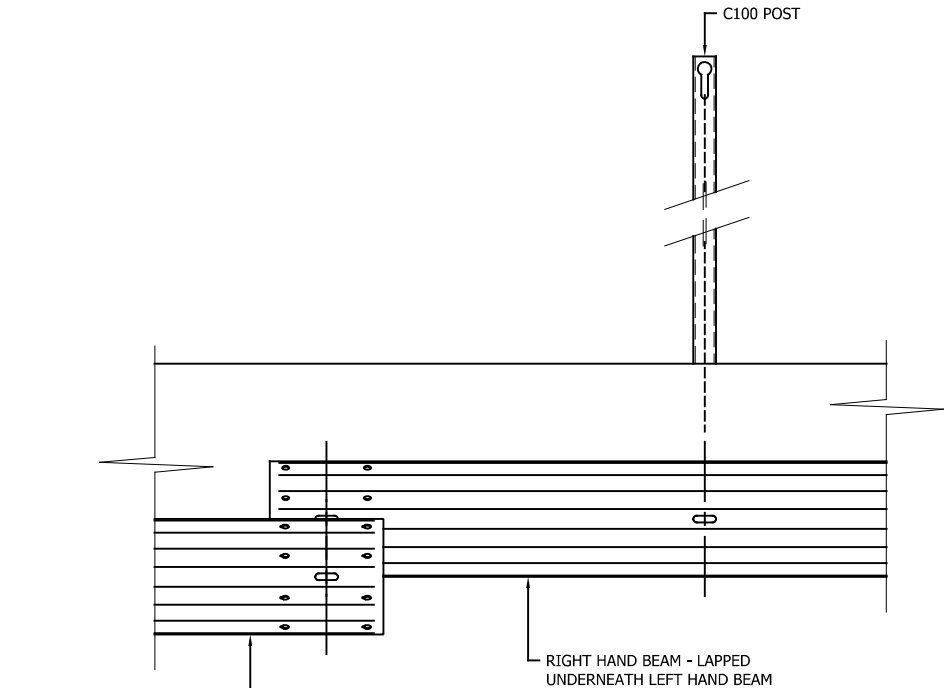
SYSTEM BOLTING ARRANGEMENT



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DRAWING NUMBER:	REVn:
MR-ep5.0-GA-02	02

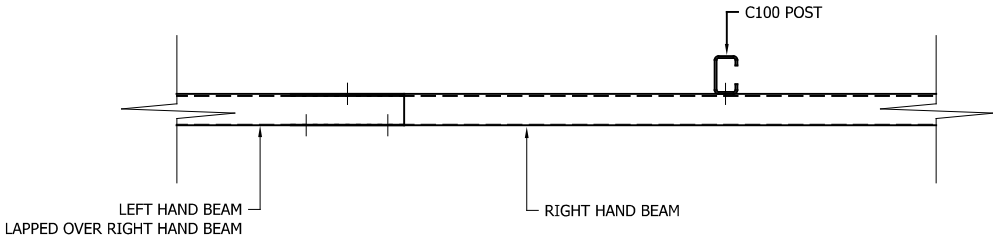
- GENERAL NOTES:
1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.



LEFT HAND BEAM
(‘TEAR DROP’ HOLES TO BE AT
DEPARTURE END OF BEAM)

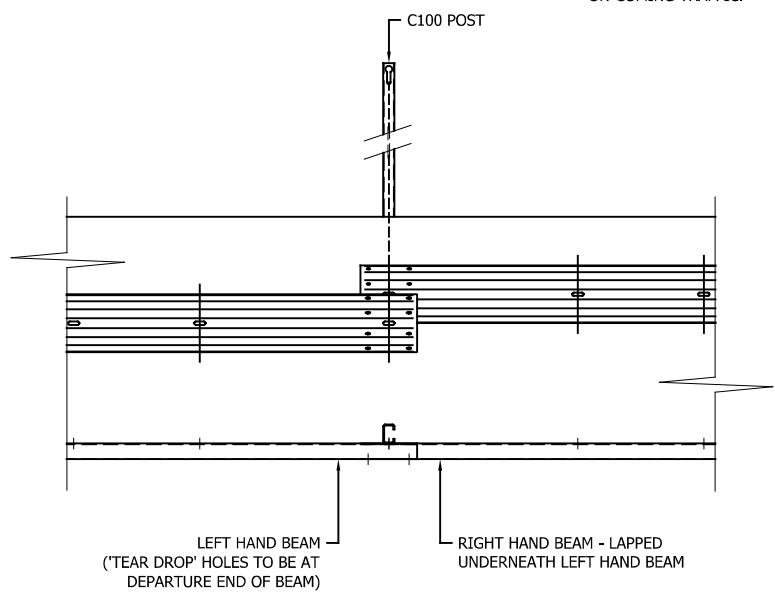
LAP DETAILS FOR LOCATIONS
THAT DON'T FALL ON POST
(OCCURS WHEN USING BOTH SR542 & SR000 BEAMS)

FOUNDATION TYPE
DETAIL OMITTED FROM POSTS
FOR CLARITY



LAP DETAILS FOR LOCATIONS
THAT DON'T FALL ON POST
(OCCURS WHEN USING BOTH SR542 & SR000 BEAMS)

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



LAP DETAILS FOR LOCATIONS
THAT FALL ON POST
(ONLY OCCURS WHEN USING SR000)

REVn	DATE	DETAILS	INITIAL
01	27/09/24	SR000 DETAILS ADDED	H.B
00	06/06/23	DRAWING CREATED	H.B

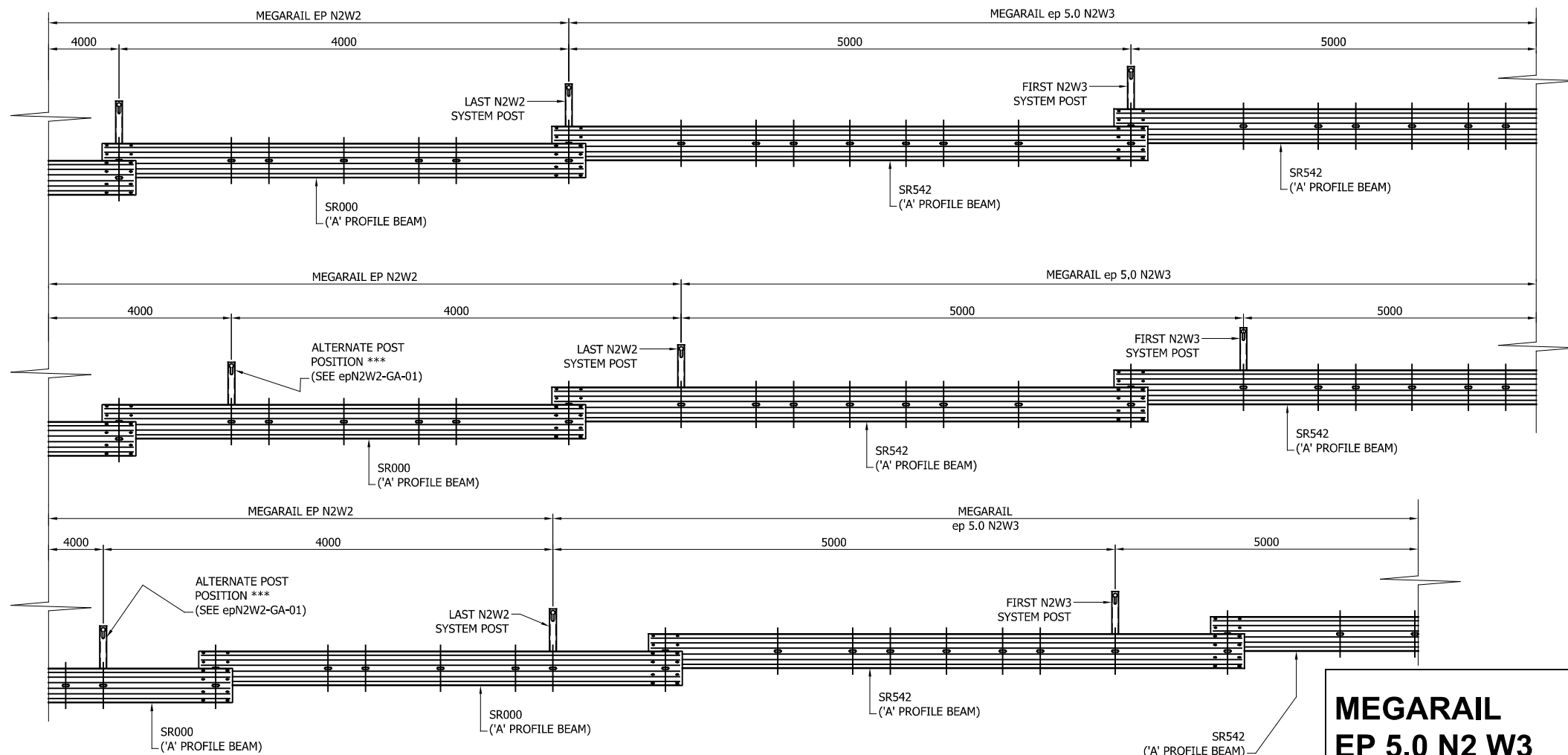
MEGARAIL EP 5.0 N2 W3

BEAM LAPPING DETAILS

 **SAFEROAD**

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DRAWING NUMBER:	REVn:
MR-ep5.0-GA-03	01



MEGARAIL EP 5.0 N2 W3

SYSTEM PROGRESSION DETAILS
FOR MEGARAIL EP 5.0 SYSTEM USING
5M BEAM (SR542)



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DRAWING NUMBER:

REVn:

MR-ep5.0-GA-20

03

GENERAL NOTES:

1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
2. SR000 BEAM MAY ALSO BE USED AS AN ALTERNATIVE OPTION (SEE MR-ep5.0-GA-21 FOR DETAILS)

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

SEE MR-ep5.0-GA-03 FOR
BEAM LAP CONNECTION DETAILS

REVn	DATE	DETAILS	INITIAL
03	18/11/24	DRAWING UPDATED	H.B
02	27/09/24	SR000 DETAILS ADDED	H.B
01	28/06/24	PRODUCT CODES UPDATED	H.B
00	06/06/23	DRAWING CREATED	H.B

