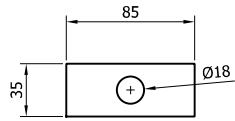
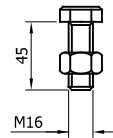


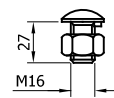
SR000 - "A" PROFILE BEAM 4.3m x 2.5mm THK



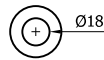
SR155 - WASHER PLATE
85 x 35 x 4 DIA. 18



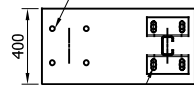
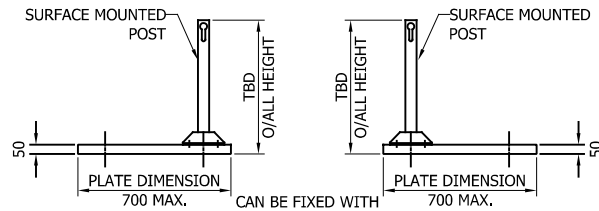
SR201 - SETSCREW 8.8
M16x45 c/w NUT



SR200 - SETSCREW 4.6
LIP M16x27 c/w NUT

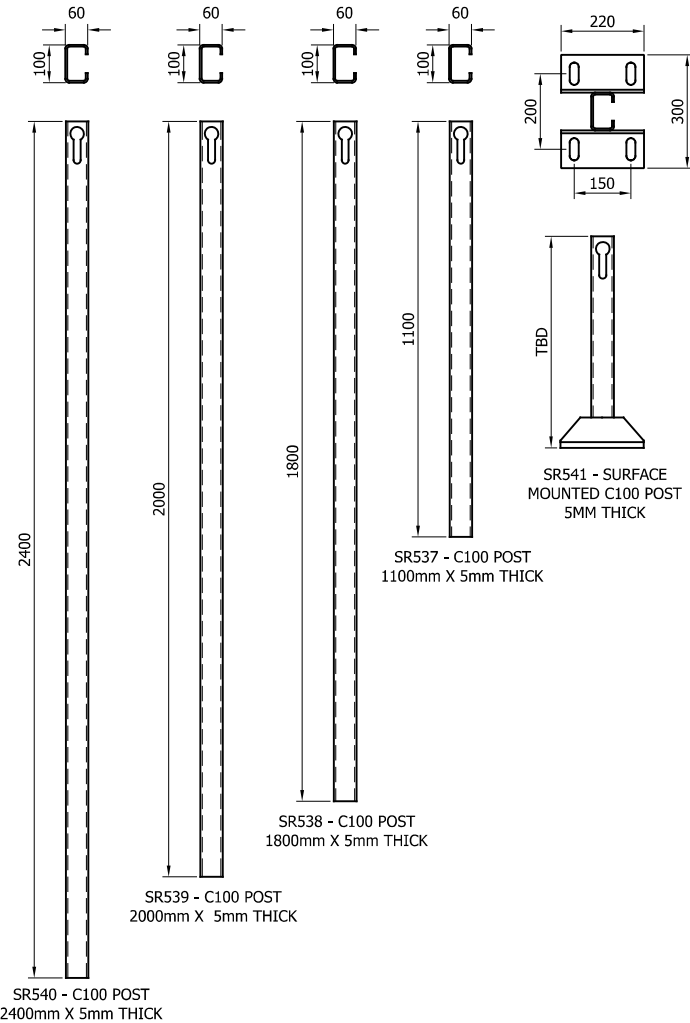


SR300 - WASHER
18ø



*BASEPLATE DRILL
& TAPPED FOR
LIFTING EYE

4x M20 THREADED HOLES



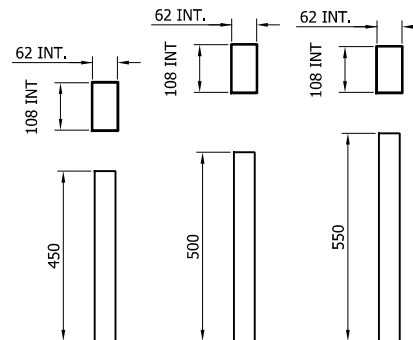
SR540 - C100 POST
2400mm X 5mm THICK

SR539 - C100 POST
2000mm X 5mm THICK

SR538 - C100 POST
1800mm X 5mm THICK

SR537 - C100 POST
1100mm X 5mm THICK

SR541 - SURFACE
MOUNTED C100 POST
5MM THICK



SR181 - C-100
POST SOCKET
x 450

SR182 - C-100
POST SOCKET
x 500

SR183 - C-100
POST SOCKET
x 550



SR100 - A21
REINFORCING
RING

11	21/03/24	POST TYPE CHANGE	H.B
10	20/06/23	SOCKET SIZE CHANGED	A.D
09	21/07/22	SOCKET SIZE CHANGED	A.D
08	27/06/22	SURFACE MOUNTED POST HEIGHT CHANGED	A.D
07	13/05/22	SURFACE MOUNTED POST BASE CHANGED	A.D
06	19/01/22	STIFFENER ADDED SMP	A.D
05	27/05/21	DETAILS REVISED	M.T
04	12/02/19	TITLEBLOCK REVISED	H.B
03	26.11.18	BASEPLATE DETAIL REVISED	H.B
02	06/06/18	BEAM TYPE ADDED	H.B
01	20/04/17	BEAM TYPE REVISED	M.T
00	13/02/17	DRAWING CREATED	L.L
REVn	DATE	DETAILS	INITIAL

MegaRail ep N2W2/H1W3 VI 5

N2W2/H1W3 VEHICLE RESTRAINT
SYSTEM
COMPONENTS SCHEMATIC



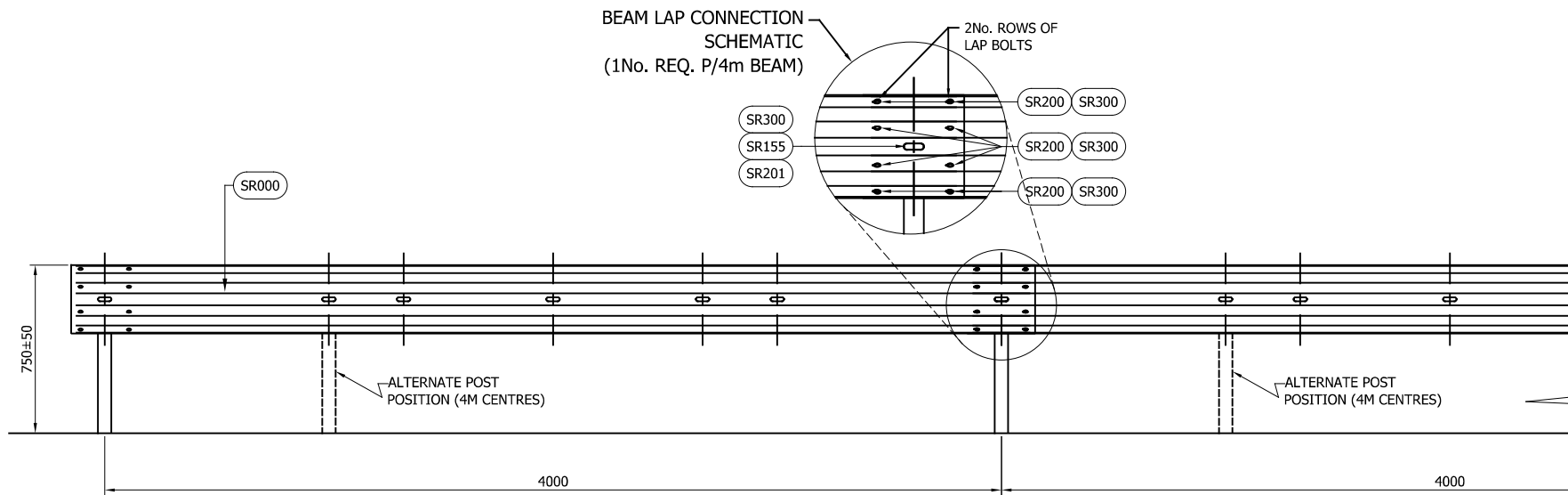
CONCORD HOUSE,
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DRAWING NUMBER:

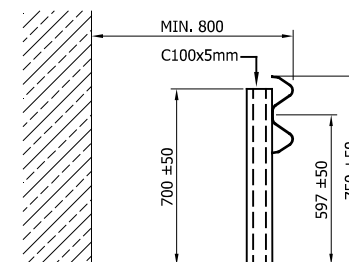
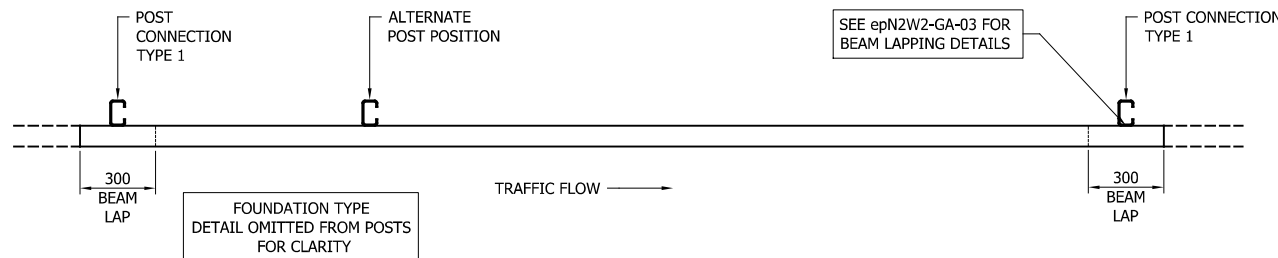
epN2W2-GA-00

REVn:

11



- 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 PITCH REFER TO DRAWING epN2W2-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.



06	21/03/24	POST TYPE CHANGE & DETAILS UPDATED	H.B
05	18/03/22	TABLE 'A' REVISED	A.D
04	08/10/21	TOLERANCES ADDED	A.D
03	26/05/21	NOTES REVISED	M.T
02	12/02/19	TITLEBLOCK REVISED	H.B
01	20/04/17	BEAM TYPE REVISED	M.T
00	13/02/17	DRAWING CREATED	L.L
REVn	DATE	DETAILS	INITIAL

MegaRail ep N2W2/H1W3 VI 5

SYSTEM ASSEMBLY AND SETTING
OUT ARRANGEMENT SCHEMATIC

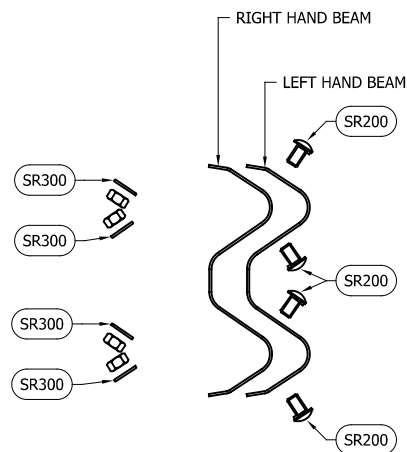


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DRAWING NUMBER:	REVn:
epN2W2-GA-01	06

TOTAL COMPONENTS PER 4M BEAM		
SAFEROAD PART NUMBER	DESCRIPTION	QUANTITY
SR000	BEAM "A" PROFILE 4.3m x 2.5mm	1
SEE TABLE 'B'	POST C100 (5mm THICK)	1
FOR SCHEDULE OF BOLTED CONNECTIONS REFER TO DRAWING NUMBER epN2W2-GA-02		

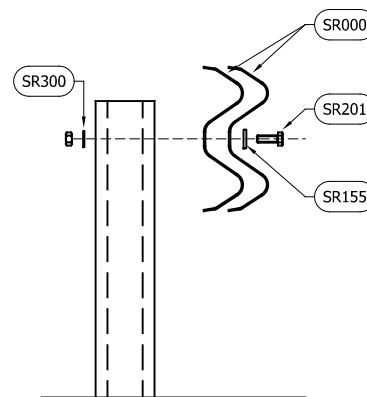
TABLE 'B' - SCHEDULE OF POST REFERENCE NUMBERS AND LENGTHS	
SAFEROAD PART NUMBER	POST LENGTH
SR537	1100
SR538	1800
SR539	2000
SR540	2400



BEAM LAP FIXING SCHEMATIC
(x2 LOCATIONS / BEAM END)

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

TOTAL QUANTITIES PER BEAM		
SAFEROAD PART NUMBER	DESCRIPTION	BEAM LAP CONNECTION
SR200	SETSCREW 4.6 LIP M16x27 c/w NUT	8 (+8)
SR300	WASHER M16 18Ø HOLE	8 (+8)



BEAM TO POST FIXING
SCHEMATIC
(CONNECTION TYPE 1)

TOTAL QUANTITIES PER POST		
SAFEROAD PART NUMBER	DESCRIPTION	BEAM TO POST CONNECTION
SR201	SETSCREW 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.

04	21/03/24	POST TYPE CHANGE	H.B
03	27/07/21	DETAILS REVISED	M.T
02	12/02/19	TITLEBLOCK REVISED	H.B
01	20/04/17	BEAM TYPE REVISED	M.T
00	13/02/17	DRAWING CREATED	L.L
REVn	DATE	DETAILS	INITIAL

MegaRail ep N2W2/H1W3 VI 5

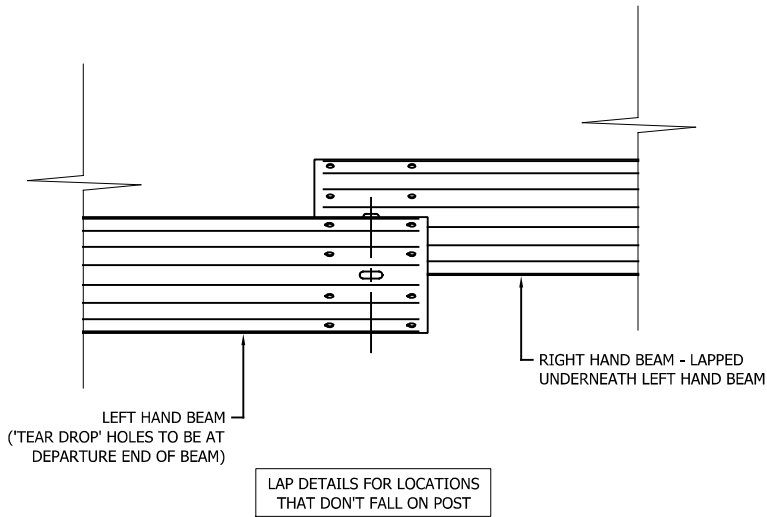
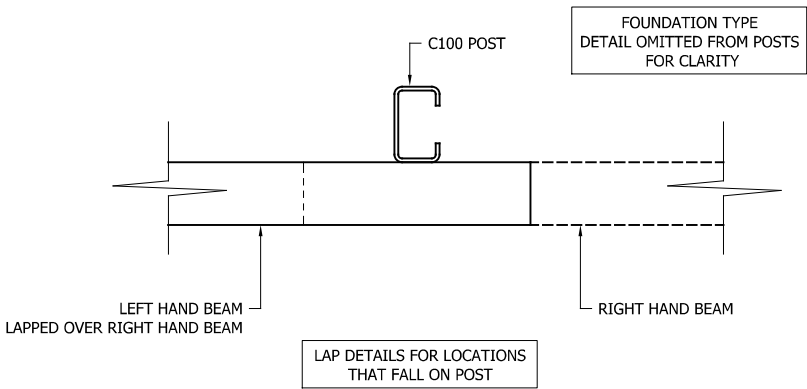
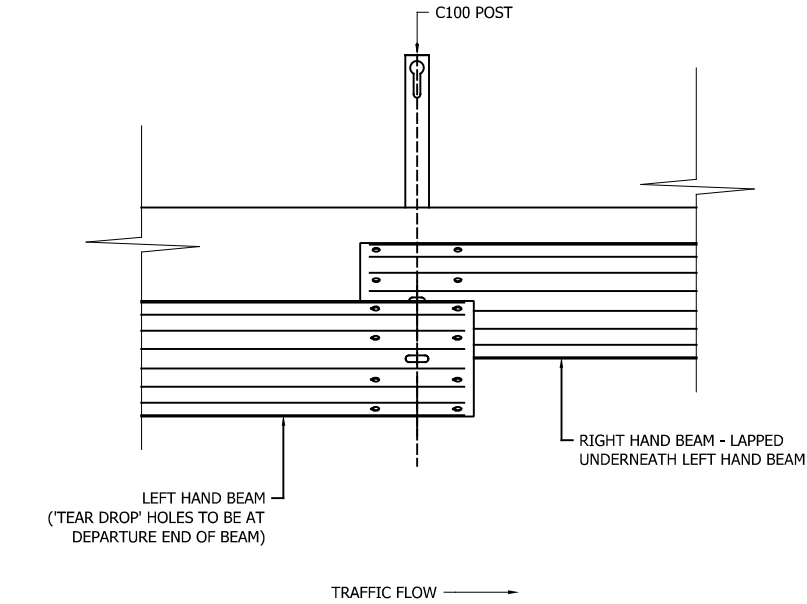
FIXING & INSTALLATION SCHEMATIC



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DRAWING NUMBER:	REVn:
epN2W2-GA-02	04

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



02	21/03/24	DRAWING UPDATED	H.B
01	12/02/19	TITLEBLOCK REVISED	H.B
00	13/02/17	DRAWING CREATED	L.L
REVn	DATE	DETAILS	INITIAL

MegaRail ep N2W2/H1W3 VI 5

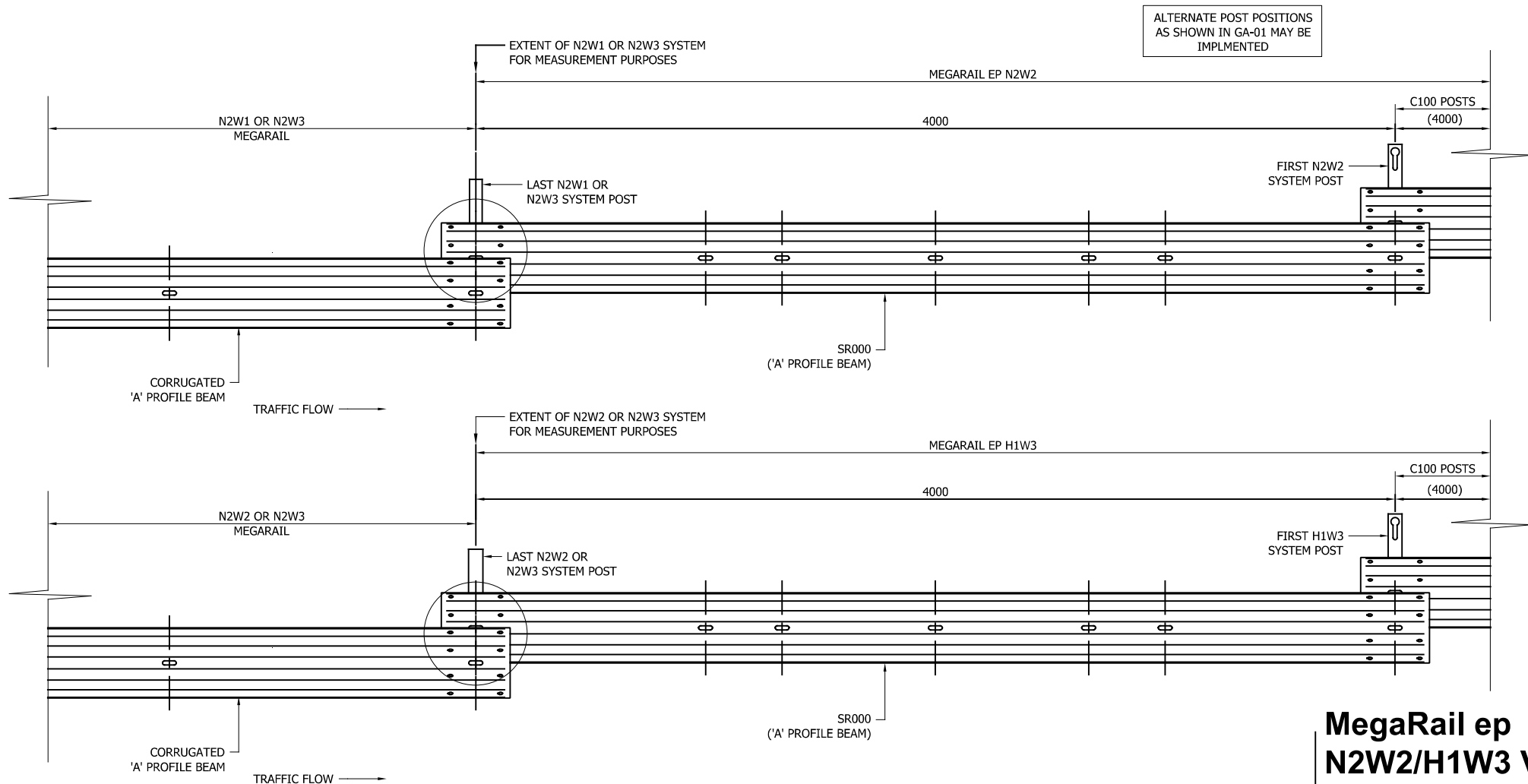
BEAM LAPPING DETAILS



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DRAWING NUMBER:	REVn:
epN2W2-GA-03	02

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



ALTERNATE POST POSITIONS
AS SHOWN IN GA-01 MAY BE
IMPLEMENTED

MegaRail ep N2W2/H1W3 VI 5

SYSTEM PROGRESSION DETAILS



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DRAWING NUMBER:

REVn:

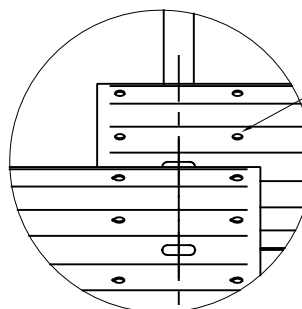
epN2W2-GA-20

04

GENERAL NOTES:

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

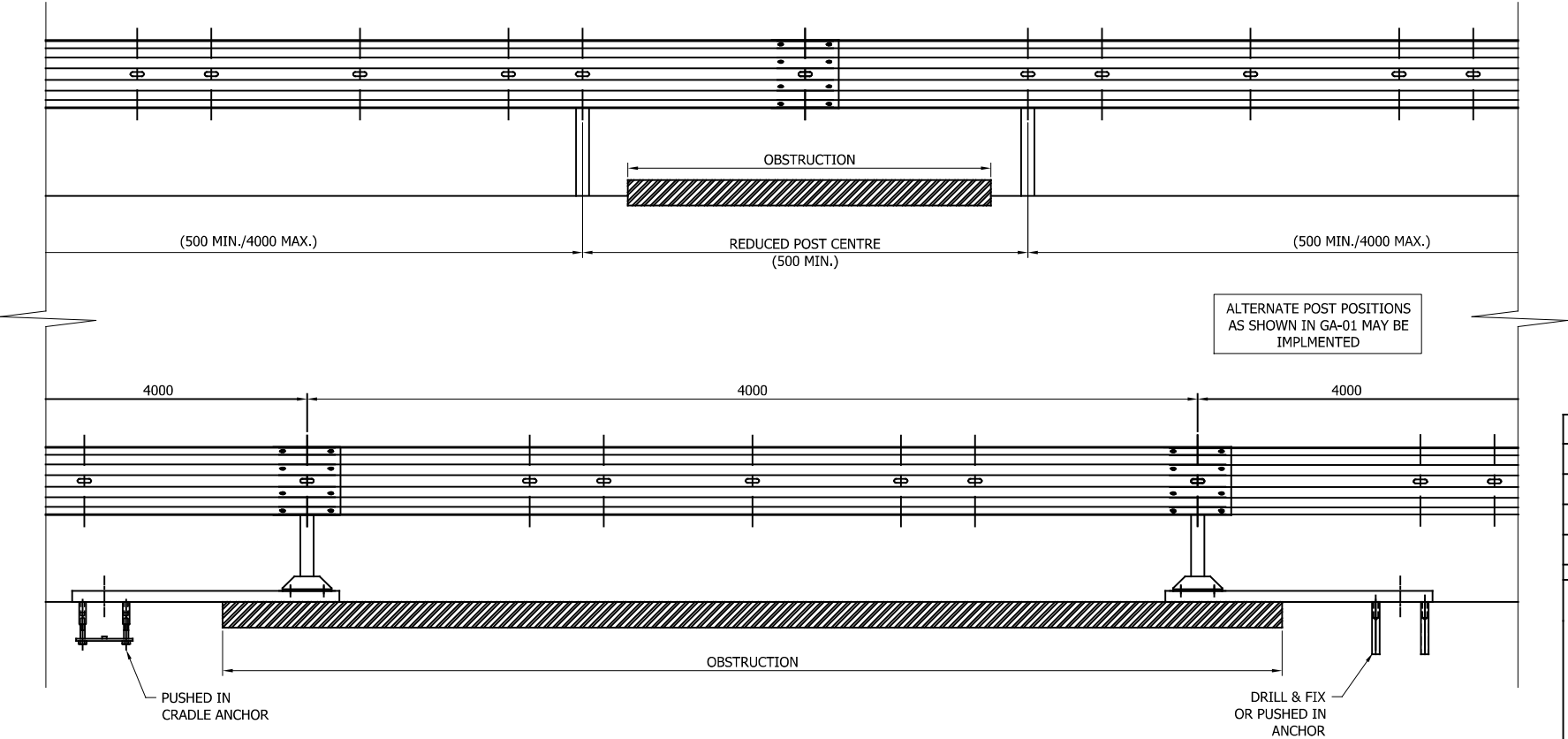
** BEAM REFERENCES i.e. LEFT / RIGHT HAND ARE FOR VERGE INSTALLATIONS; FOR CENTRAL RESERVATION INSTALLATIONS THE REFERENCES ARE REVERSED



NOTE: BEAM ORIENTATION CIRCULAR
HOLES TO BEAM APPROACH END

04	21/03/24	DRAWING UPDATED	H.B
03	26.05.21	DETAILS REVISED	M.T
02	20/06/19	LOWER DETAIL REVISED	M.T
01	12/02/19	TITLEBLOCK REVISED	H.B
00	13/02/17	DRAWING CREATED	L.L
REVn	DATE	DETAILS	INITIAL

- GENERAL NOTES:
1. IN PRINCIPLE, THE DISTANCE BETWEEN THE POSTS ARE NOT EXCEEDED. IF THE SITE CONDITIONS DO NOT ALLOW A REGULAR DISTANCE, THE POST SPACING MUST BE REDUCED WITH AN ADDITIONAL POST.
 2. OFFSET POSTS SHOWN ON DRAWING epN2W2-GA-00 CAN BE USED.



04	21/03/24	DRAWING UPDATED	H.B
03	13/05/22	SURFACE MOUNTED POST BASE CHANGED	A,D
02	23/07/21	SURFACE MOUNTED POST DETAIL ADDED	A,D
01	12/02/19	TITLEBLOCK REVISED	H,B
00	13/02/17	DRAWING CREATED	L,L
REVn	DATE	DETAILS	INITIAL

MegaRail ep
N2W2/H1W3 VI 5

DETAILS OF PERMISSABLE
DEVIATIONS FOR POST POSITIONS



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DRAWING NUMBER:	REVn:
epN2W2-GA-40	04