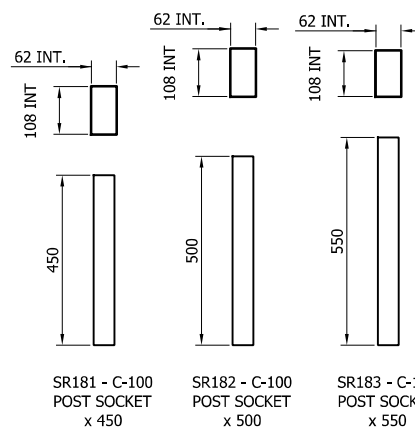
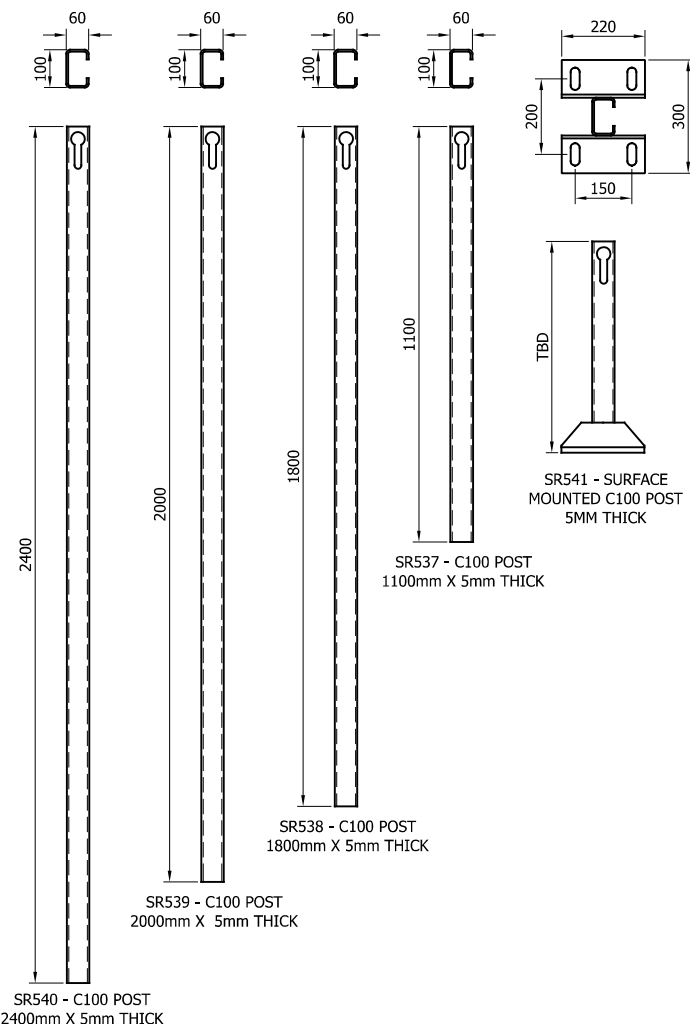
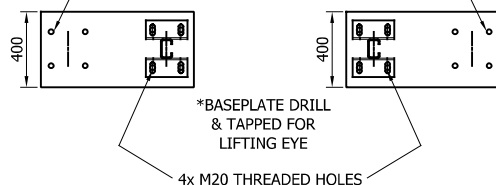


CAN BE FIXED WITH  
CAST IN ANCHORS, DRILL  
AND FIX ANCHORS OR  
PUSHED IN ANCHORS  
AT 180x180 CENTERS



|      |          |                                        |         |
|------|----------|----------------------------------------|---------|
| 12   | 26/11/24 | SR201 BOLT UPDATE                      | H.B     |
| 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<br>HEIGHT CHANGED | A.D     |
| 07   | 13/05/22 | SURFACE MOUNTED POST<br>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 |

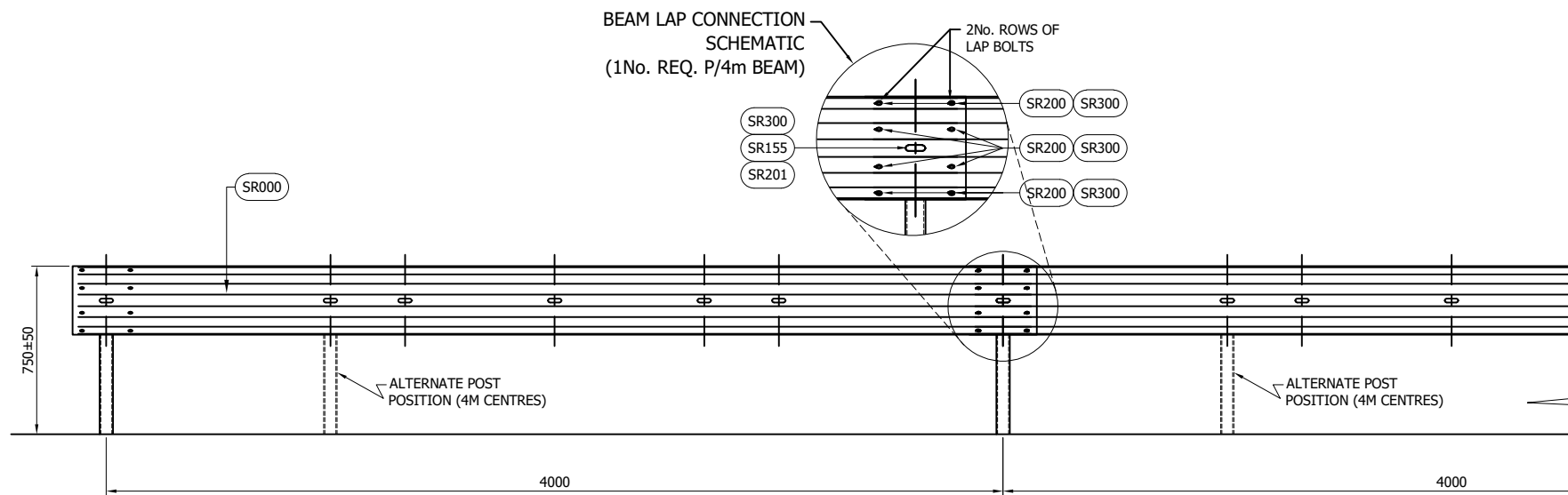
## MegaRail ep N2W2/H1W3 VI 5

N2W2/H1W3 VEHICLE RESTRAINT  
SYSTEM  
COMPONENTS SCHEMATIC

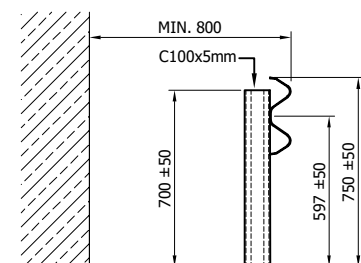
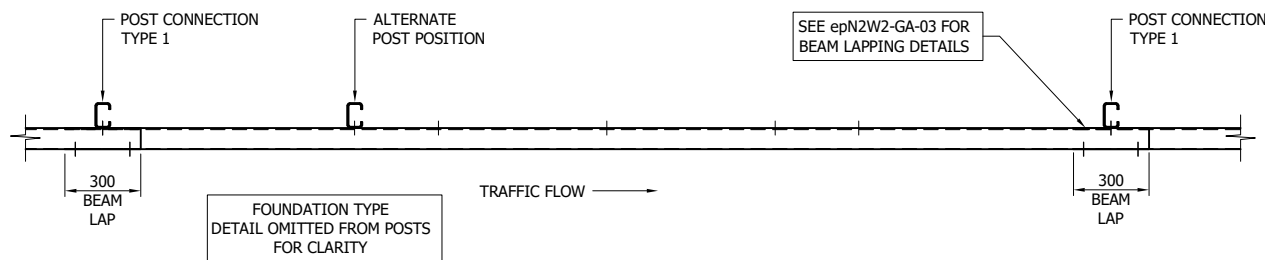


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|                 |       |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| epN2W2-GA-00    | 12    |



- 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. SEE MR-GA-001 & MR-GA-003 FOR DETAILS OF SYSTEM HEIGHTS WITH REFERENCE TO SETBACK & KERB HEIGHTS
  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

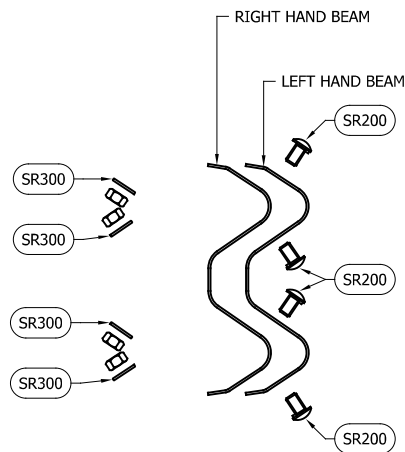


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| TOTAL COMPONENTS PER 4M BEAM                                            |                               |          |
|-------------------------------------------------------------------------|-------------------------------|----------|
| SAFEROAD 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<br>REFERENCE NUMBERS AND LENGTHS |             |
|---------------------------------------------------------------|-------------|
| SAFEROAD PART NUMBER                                          | POST LENGTH |
| SR537                                                         | 1100        |
| SR538                                                         | 1800        |
| SR539                                                         | 2000        |
| SR540                                                         | 2400        |

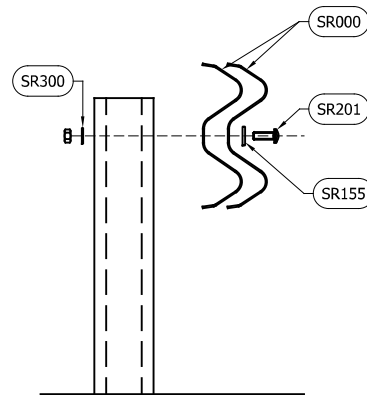
|                 |       |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| epN2W2-GA-01    | 06    |



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                       |

|      |          |                    |         |
|------|----------|--------------------|---------|
| 05   | 26/11/24 | SR201 BOLT UPDATE  | H.B     |
| 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



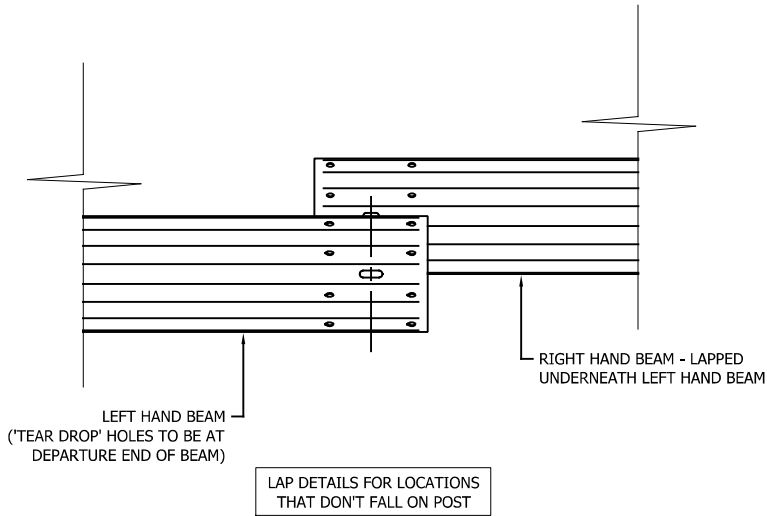
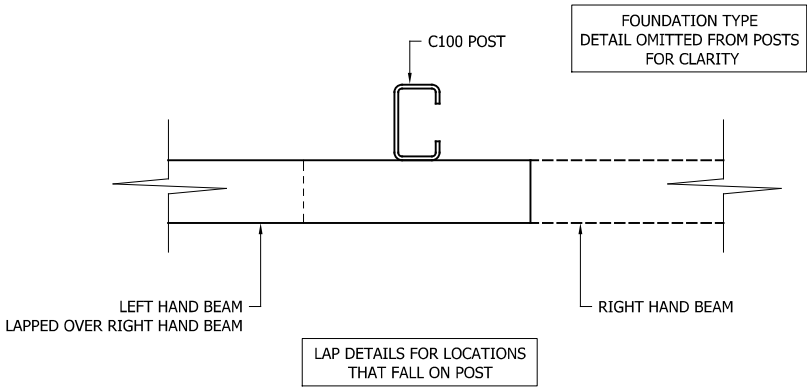
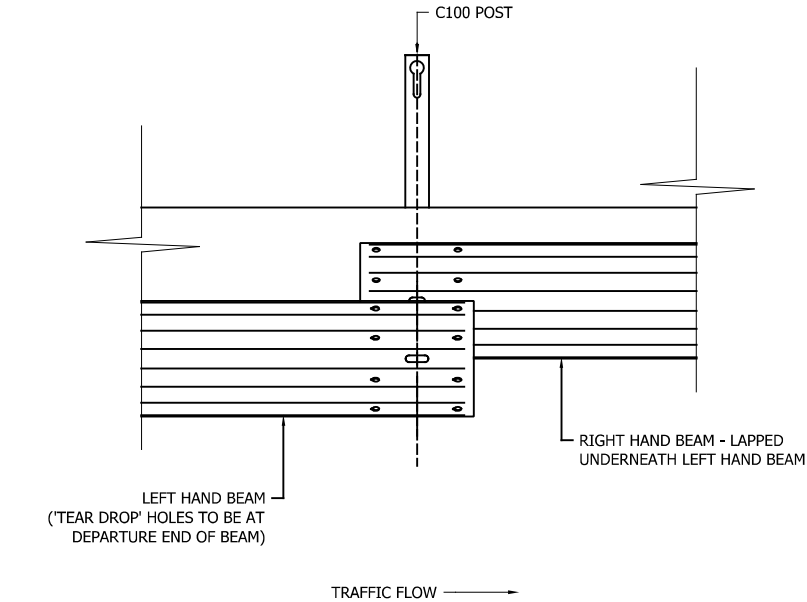
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|                 |       |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| epN2W2-GA-02    | 05    |

#### GENERAL NOTES:

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

- 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

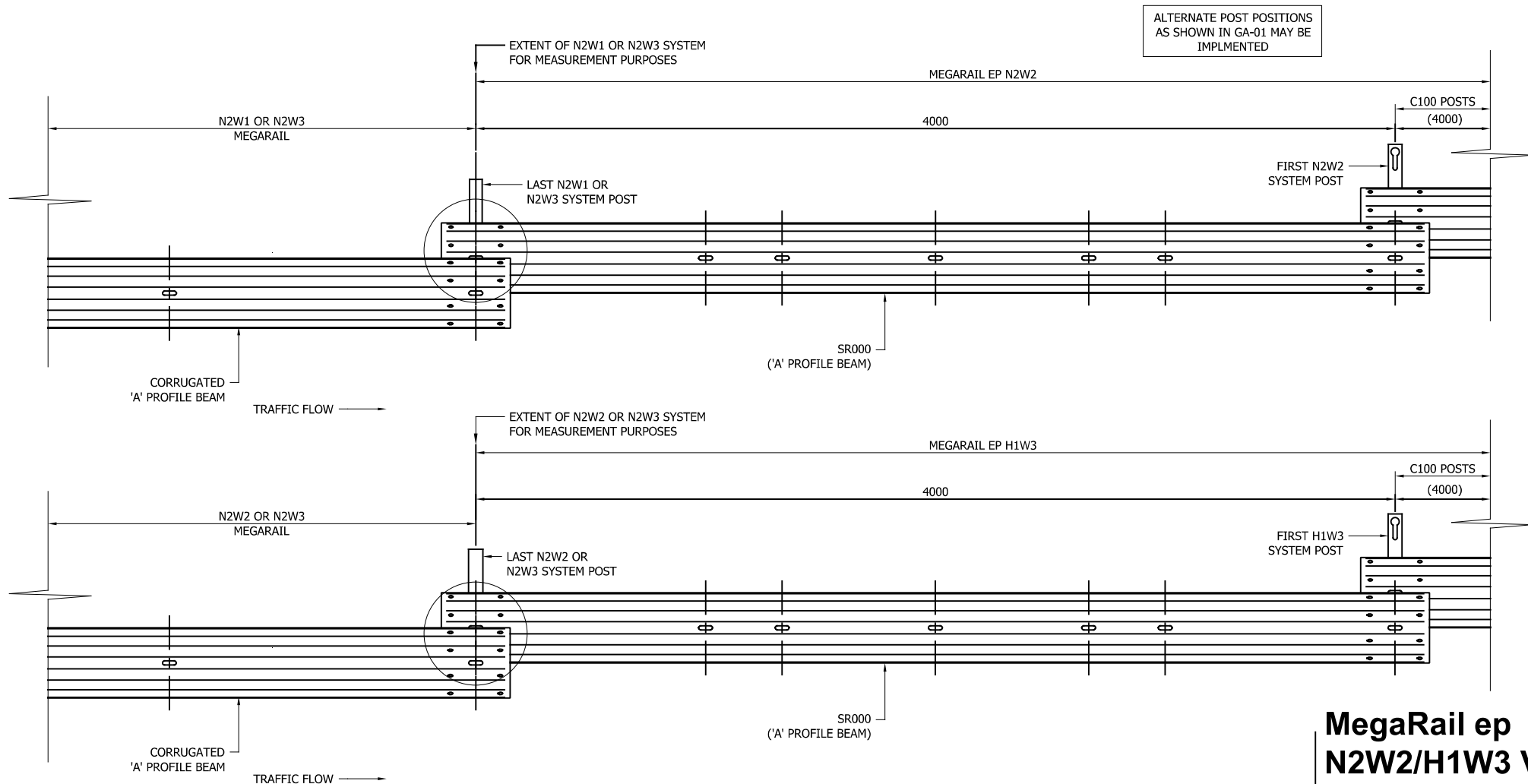
BEAM LAPPING DETAILS



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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



## MegaRail ep N2W2/H1W3 VI 5

SYSTEM PROGRESSION DETAILS



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DRAWING NUMBER:

REVn:

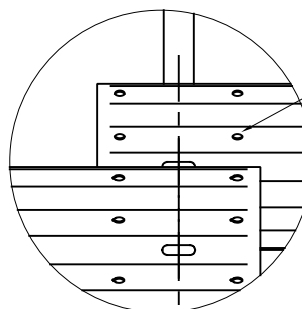
epN2W2-GA-20

04

### GENERAL NOTES:

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

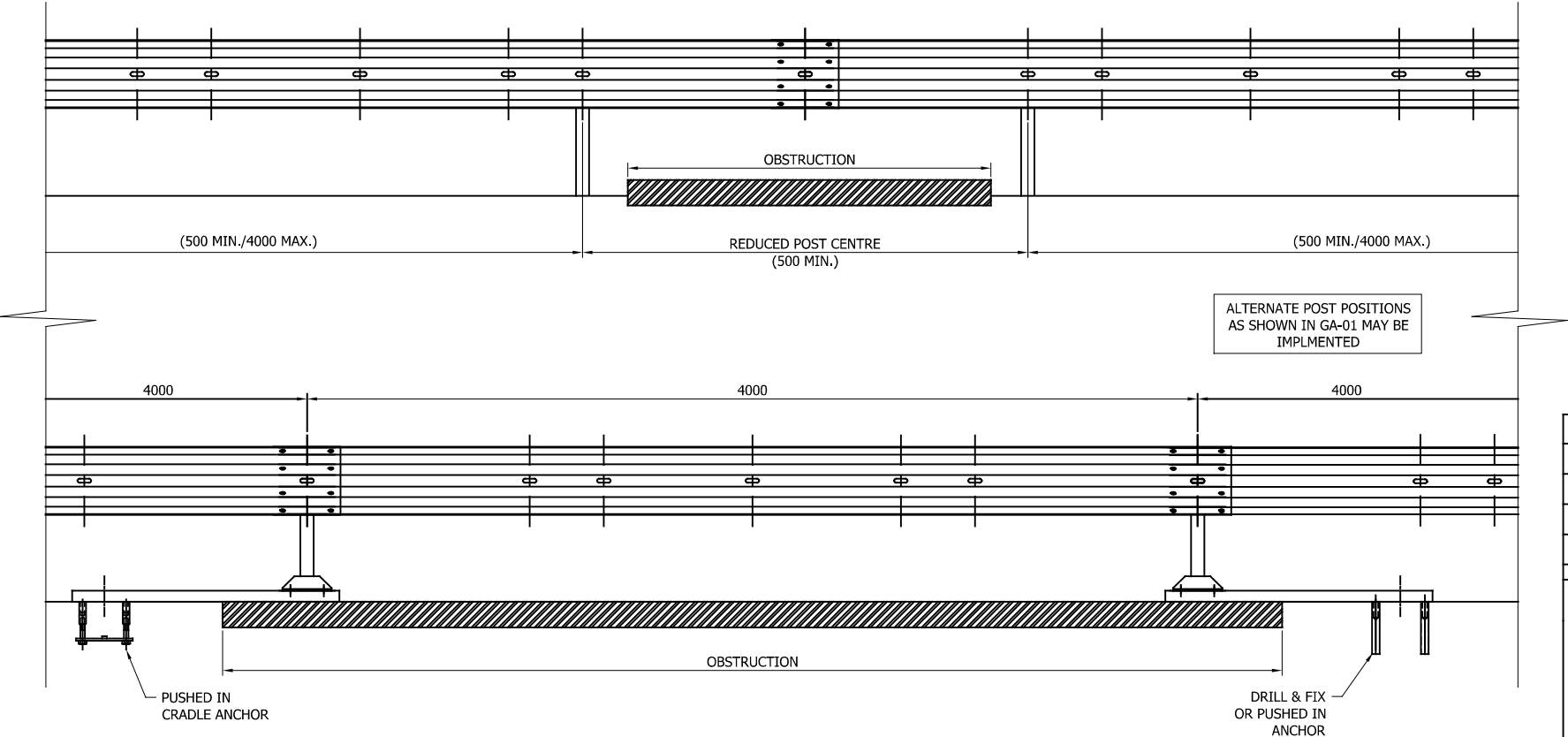
\*\* BEAM REFERENCES i.e. LEFT / RIGHT HAND ARE FOR VERGE INSTALLATIONS; FOR CENTRAL RESERVATION INSTALLATIONS THE REFERENCES ARE REVERSED



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    |