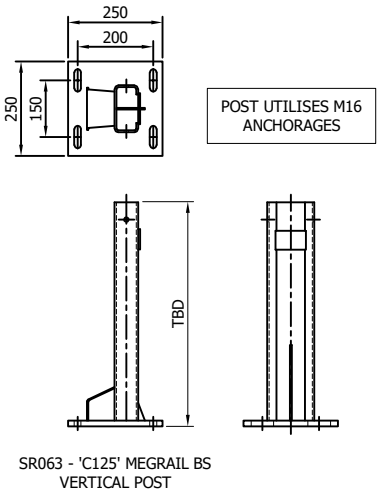
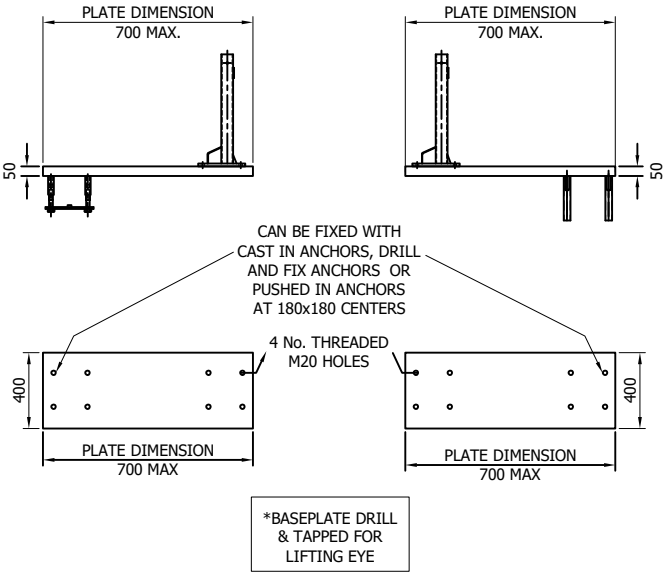
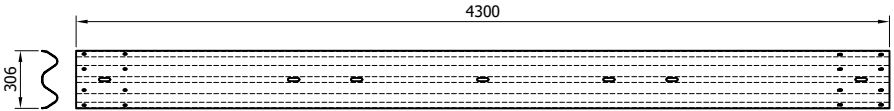
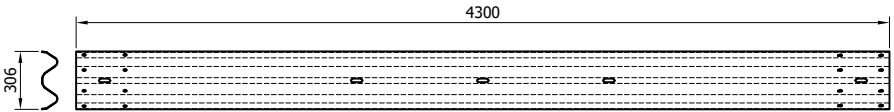
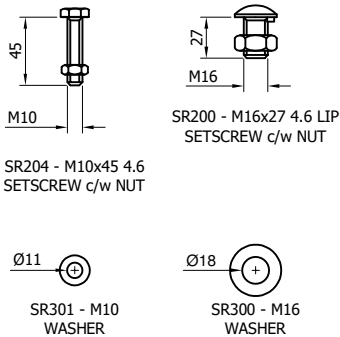
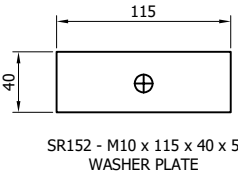


- GENERAL NOTES:
1. INSTALLATION PERMITTED IN CONCRETE TRENCH ONLY - MINIMUM LENGTH 4M (SEE H1W2-GA-004)
 2. FOR PERMISSIBLE DEVIATIONS SEE H1W2-GA-40
 3. H1W2 MEGARAIL BS SYSTEM CAN CONNECT TO HYBRID GA72 OR GA120/GA140. THIS IS STRICTLY ONLY UNDER SPECIAL DETAIL APPROVED BY SAFEROAD
 4. SYSTEM VEHICLE INTRUSION RATING: VI3
 5. SEE MR-GA-01 & MR-GA-03 FOR SYSTEM HEIGHTS WITH REGARDS TO KERB HEIGHT AND SETBACK DISTANCES



| | | | |
|------|----------|------------------------|---------|
| 09 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 08 | 18/10/22 | DETAILS UPDATED | H.B |
| 07 | 22/09/22 | NOTE 6 ADDED | A.D |
| 06 | 08/07/22 | DETAILS CHANGED | A.D |
| 05 | 19/11/19 | BEAM DETAILS ADDED | M.T |
| 04 | 01/04/19 | BEAM DETAILS REVISED | M.T |
| 03 | 12/02/19 | TITLEBLOCK REVISED | H.B |
| 02 | 31/01/17 | STOCK & CODES REVISED | L.L |
| 1.3 | 20/05/15 | DETAILS REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail bs H1 W2 (VI 3)

COMPONENTS SCHEMATIC

SAFEROAD

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NORTH LINCOLNSHIRE, DN15 8XE
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| DRAWING NUMBER: | REVn: |
| H1W2-GA-00 | 09 |

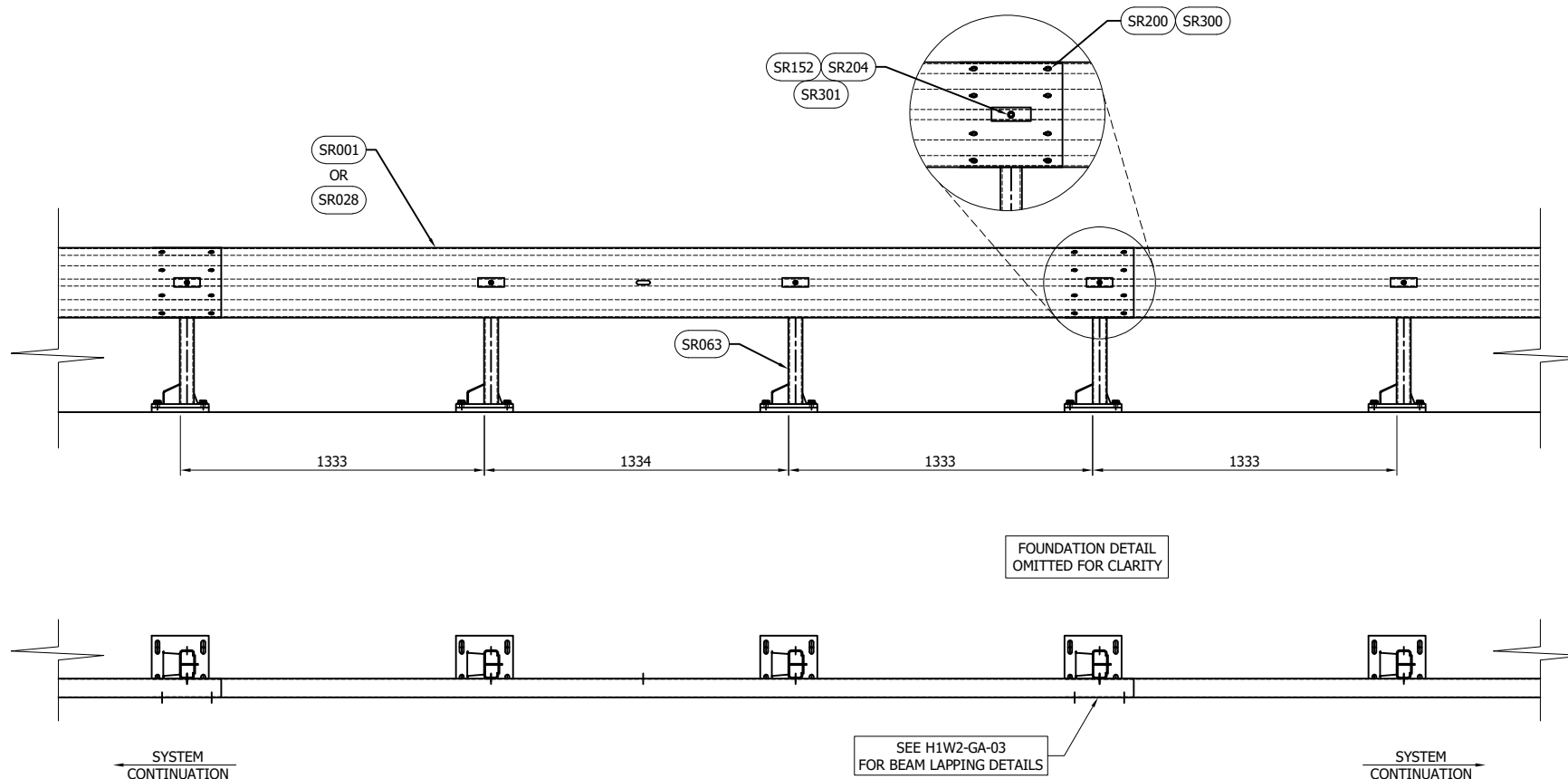
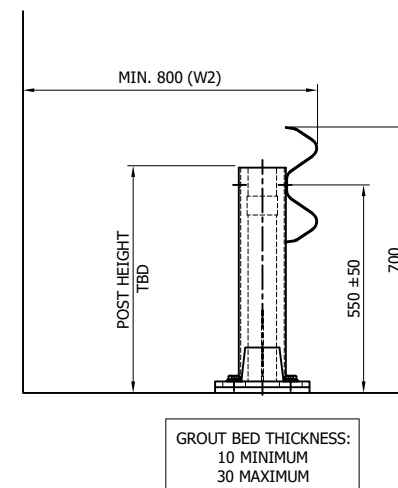


TABLE 'A' - SYSTEM COMPONENT SCHEDULE - QUANTITIES P/4M

| SAFEROAD UK PART NUMBER | DESCRIPTION | QUANTITY |
|---|-------------------------|----------|
| SR001/SR028 | 'A' PROFILE BEAM X 3MM | 1 |
| SR063 | 'C125' MEGARAIL BS POST | 3 |
| FOR FIXING SCHEMATIC DETAILS SEE H1W2-GA-02 | | |

GENERAL NOTES:

1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
2. USE AN M16 FIXING ABLE TO RESIST A TENSILE LOAD OF 50kN
3. WHEN TYING INTO ADJACENT VRS ONLY ONE WORKING WIDTH DIFFERENCE IS PERMITTED.
4. SEE MR-GA-001 & MR-GA-003 FOR SYSTEM HEIGHT WITH REFERENCE TO SETBACK & KERB HEIGHT
5. FOR MINIMUM LENGTH OF FULL HEIGHT VRS REFER TO SAFEROAD MEGARAIL MANUAL.



| | | | |
|------|----------|--------------------------------------|---------|
| 06 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 05 | 18/10/22 | DETAILS UPDATED | H.B |
| 04 | 19/11/19 | BEAM DETAILS ADDED | H.B |
| 03 | 12/02/19 | MINOR CHANGES AND TITLEBLOCK REVISED | H.B |
| 02 | 31/01/17 | DETAILS & CODES REVISED | L.L |
| 1.4 | 20/05/15 | DETAILS REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail bs H1 W2 (VI 3)

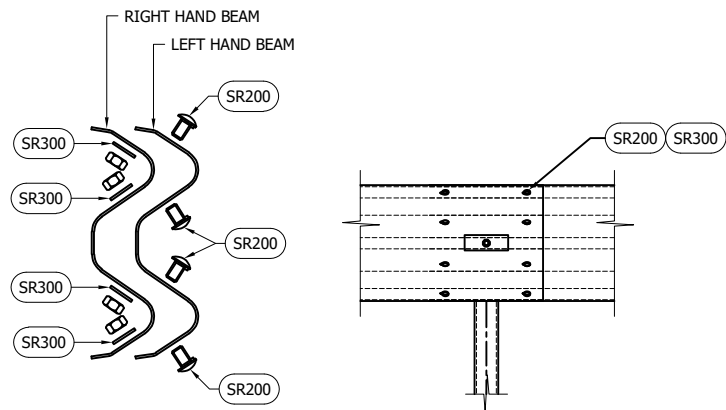
GENERAL ARRANGEMENT DETAILS



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| DRAWING NUMBER: | REVn: |
| H1W2-GA-01 | 06 |

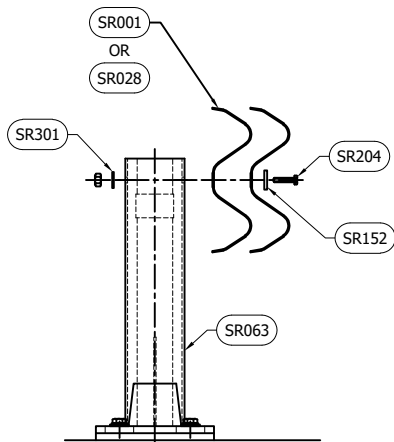
- GENERAL NOTES:
1. NUMBERS IN THE SCHEDULES SUFFIXED (+) DENOTES THE ADDITIONAL QUANTITY OF COMPONENTS REQUIRED FOR EXTREME ENDS OF INDIVIDUAL RUNS OF BARRIER.



BEAM LAP CONNECTION
FIXING SCHEMATIC
(QTY'S 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 | M16x27 4.6 LIP SETSCREW c/w NUT | 8 (+8) |
| SR300 | M16 WASHER | 8 (+8) |



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

| BEAM TO POST CONNECTION | | |
|-------------------------|-----------------------------|--------------|
| SAFEROAD UK PART NUMBER | DESCRIPTION | QTY'S P/POST |
| SR204 | M10x45 4.6 SETSCREW c/w NUT | 1 |
| SR152 | M10x115x40x5 WASHER PLATE | 1 |
| SR301 | M10 WASHER | 1 |

| | | | |
|------|----------|-------------------------------------|---------|
| 05 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 04 | 18/10/22 | DETAILS UPDATED | H.B |
| 03 | 12/02/19 | CODE CHANGES AND TITLEBLOCK REVISED | H.B |
| 02 | 31/01/17 | DETAILS REVISED | L.L |
| 1.2 | 20/05/15 | DETAILS REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail bs H1 W2 (VI 3)

FIXINGS SCHEMATIC

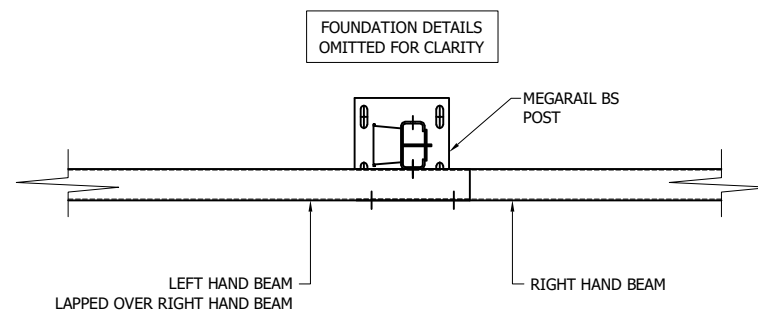
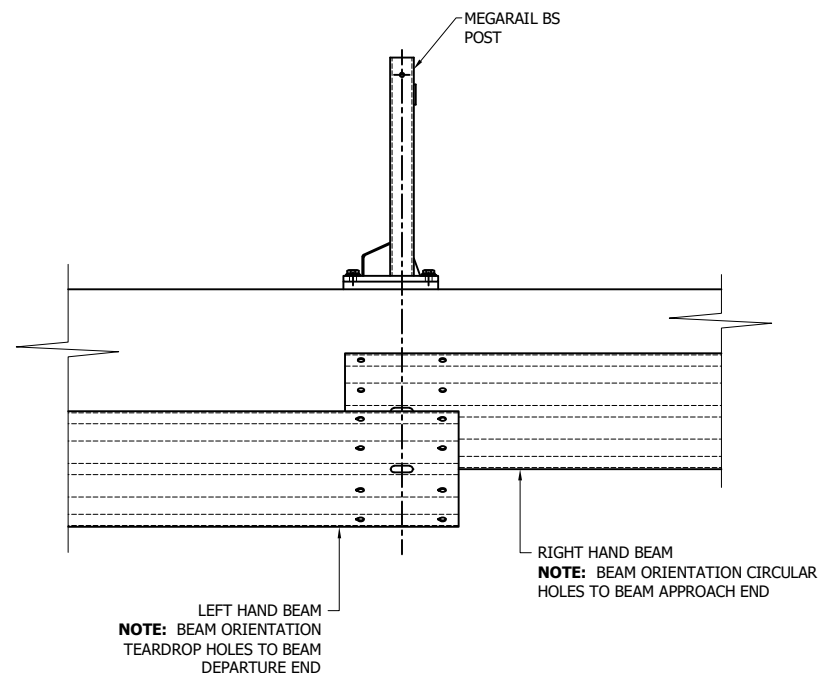


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|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W2-GA-02 | 05 |

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

| | | | |
|------|----------|------------------------|---------|
| 05 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 04 | 18/10/22 | DETAILS UPDATED | H.B |
| 03 | 12/02/19 | TITLEBLOCK REVISED | H.B |
| 02 | 31/01/17 | DETAILS REVISED | L.L |
| 1.1 | 20/05/15 | DETAILS REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail bs H1 W2 (VI 3)

BEAM LAPPING DETAILS

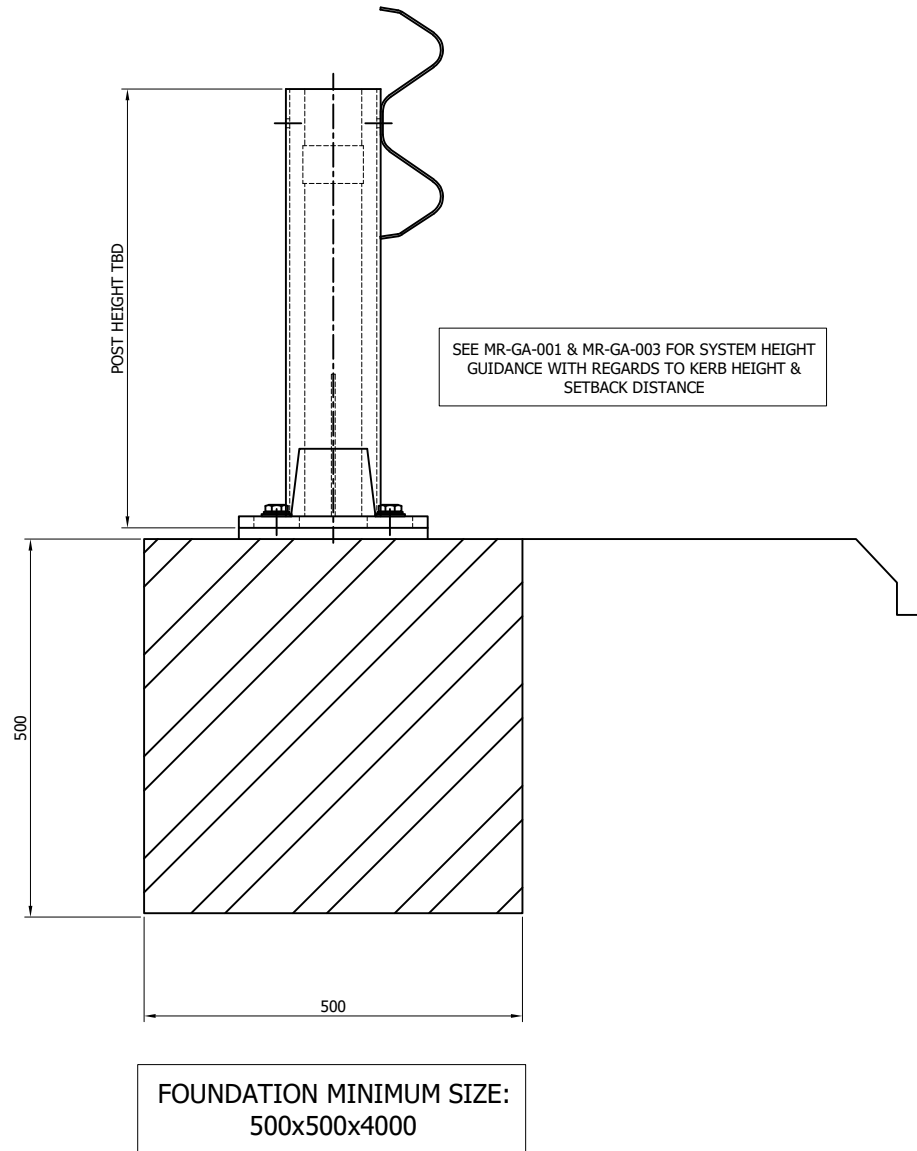


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| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W2-GA-03 | 05 |

PLEASE NOTE: CLIENT TO ENSURE GROUND CONDITIONS ARE
SUITABLE PRIOR TO INSTALLATION.
IF UNSURE PLEASE SEEK ADVICE

MINIMUM CONCRETE GRADE RC20/25 -
ST5 IS AN ACCEPTED ALTERNATIVE PRESCRIBED CONCRETE



| REVn | DATE | DETAILS | INITIAL |
|------|----------|------------------------|---------|
| 04 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 03 | 28/09/22 | CONCRETE NOTE REVISED | A.D |
| 02 | 31/01/17 | DETAILS REVISED | L.L |
| 1.4 | 20/05/15 | DETAILS REVISED | M.T |

MegaRail bs H1 W2 (VI 3)

FOUNDATION DETAILS

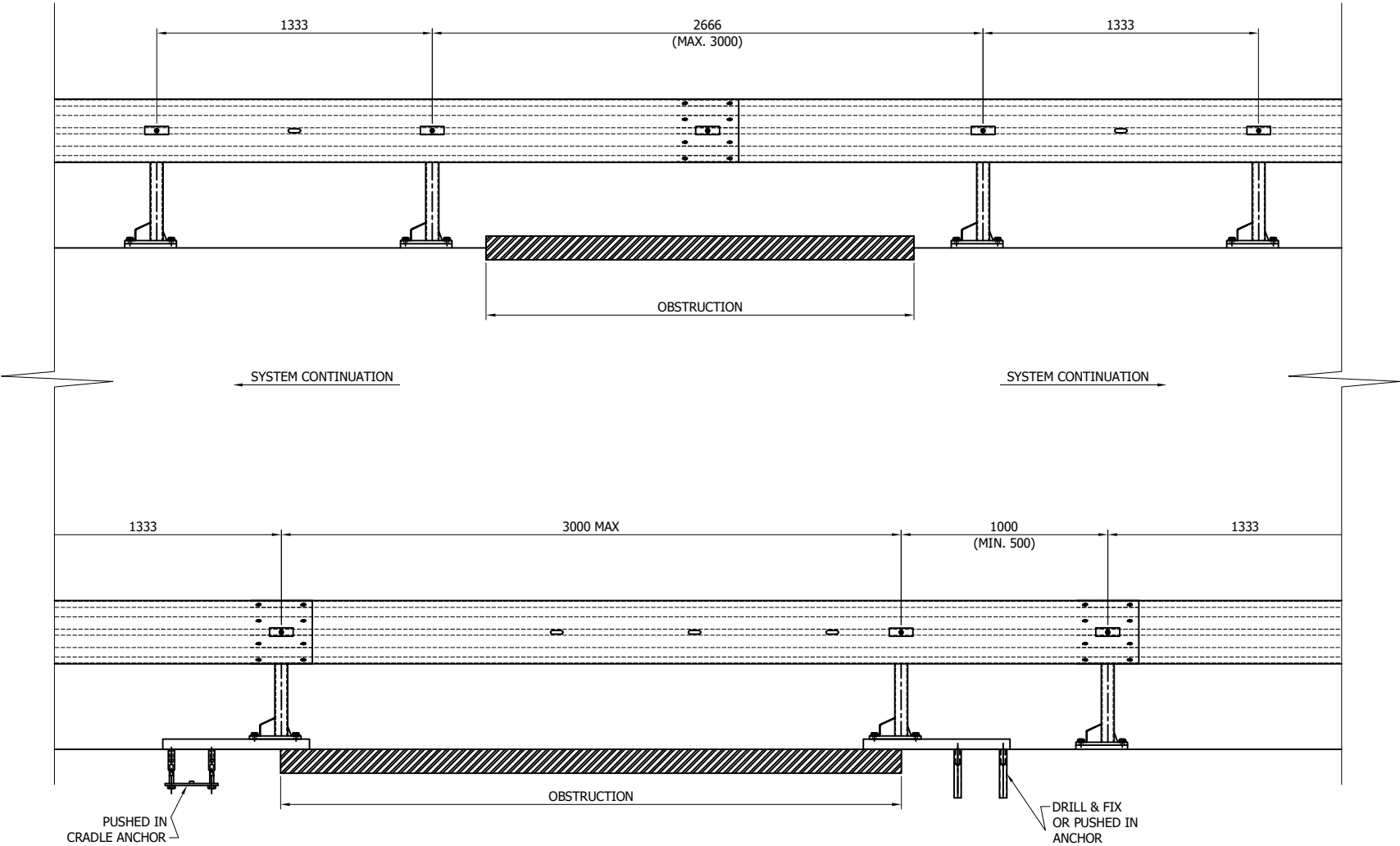


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|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W2-GA-04 | 04 |

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. THE NEW POST SPACING MUST NOT EXCEED 3000mm AND MUST NOT BE LESS THAN 500mm. 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.



| REVn | DATE | DETAILS | INITIAL |
|------|----------|--------------------------------------|---------|
| 03 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 02 | 12/02/19 | MINOR CHANGES AND TITLEBLOCK REVISED | H.B |
| 01 | 10/03/17 | NOTES REVISED | L.L |
| 00 | 31/01/17 | NEW DRAWING | L.L |

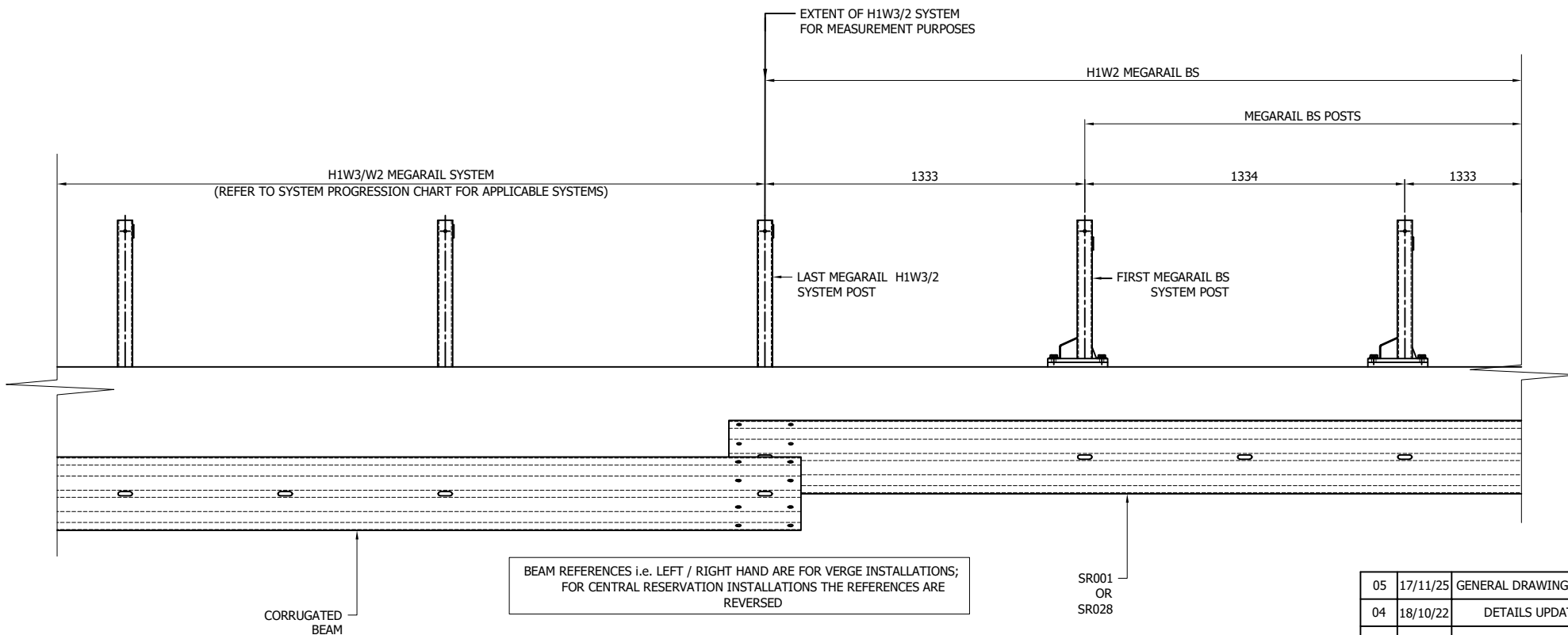
MegaRail bs H1 W2 (VI 3)

DETAILS OF PERMISSIBLE
DEVIATIONS TO POST CENTRES



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|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W2-GA-40 | 03 |



| | | | |
|------|----------|------------------------|---------|
| 05 | 17/11/25 | GENERAL DRAWING UPDATE | H.B |
| 04 | 18/10/22 | DETAILS UPDATED | H.B |
| 03 | 26/05/21 | DETAILS REVISED | M.T |
| 02 | 12/02/19 | TITLEBLOCK REVISED | H.B |
| 01 | 10/03/17 | POST SPACING REVISED | L.L |
| 00 | 31/01/17 | NEW DRAWING | L.L |
| REVn | DATE | DETAILS | INITIAL |

MegaRail bs H1 W2 (VI 3)

SYSTEM PROGRESSION DETAILS



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

| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W2-GA-20 | 05 |