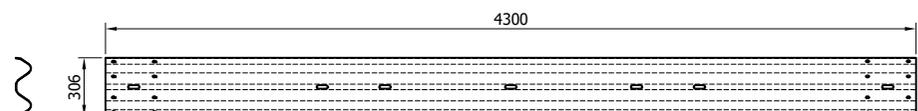
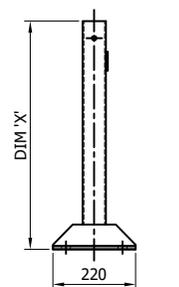
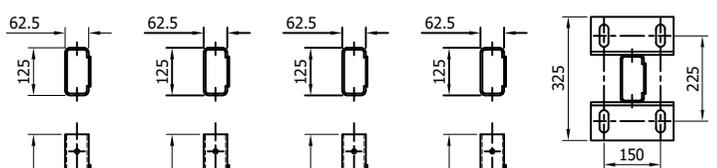


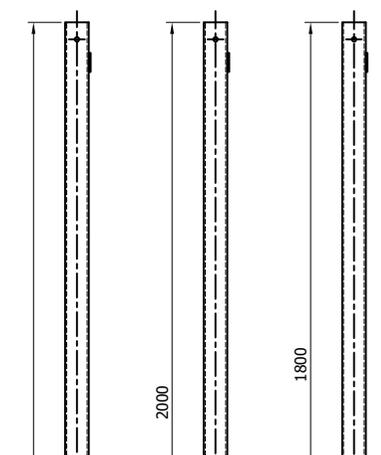
SR001 - PROFILE 'A' BEAM x 3mm THICK
(CAN BE SUBSTITUTED BY BELOW BEAM SR028)



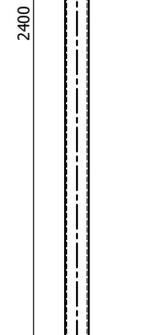
SR028 - PROFILE 'A' BEAM x 3mm THICK



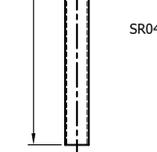
SR467 - C125 TYPE 'B' SURFACE MOUNTED POST



SR049 - C125 TYPE 'B' POST 1100MM LONG



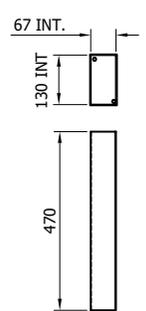
SR047 - C125 TYPE 'B' POST 1800MM LONG



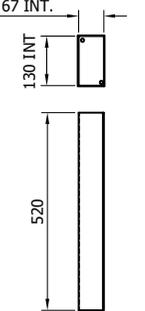
SR048 - C125 TYPE 'B' POST 2000MM LONG



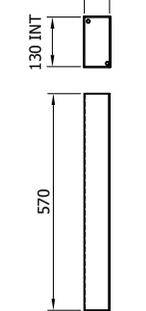
SR037 - C125 TYPE 'B' POST 2400MM LONG



SR080 - C125 POST SOCKET x 470MM



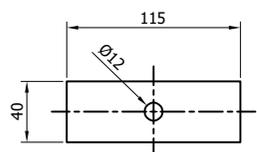
SR081 - C125 POST SOCKET x 520MM



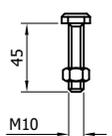
SR083 - C125 POST SOCKET x 570MM



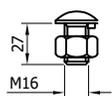
SR100 - A21 REINFORCING RING



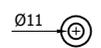
SR152 - M10x115x40x5 WASHER PLATE



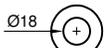
SR124 - M10x45 8.8 BOLT c/w NUT



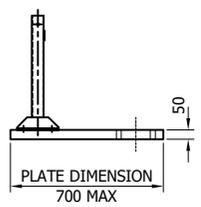
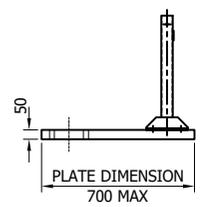
SR200 - M16x27 LTP 4.6 BOLT c/w NUT



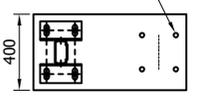
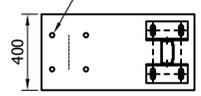
SR301 - M10 WASHER



SR300 - M16 WASHER



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



| 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 |
| 22kN | 44kN | 88kN | 5.5kN | 22kN |

| | | | |
|------|----------|------------------------|---------|
| 09 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 08 | 12/01/23 | M10x45 BOLT AMENDMENTS | H.B |
| REVn | DATE | DETAILS | INITIAL |

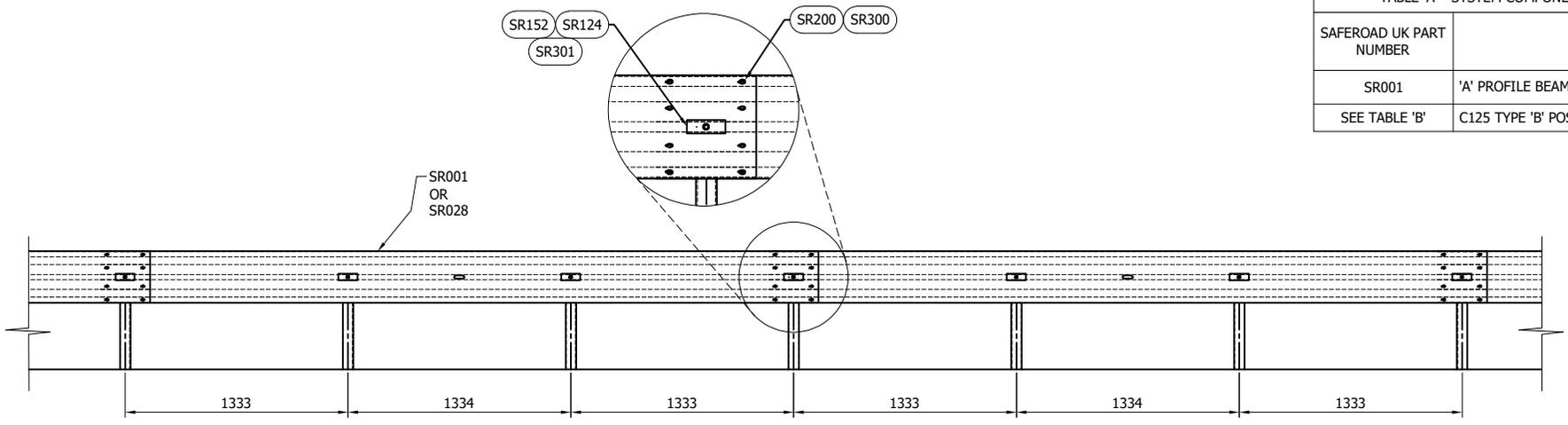
MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

COMPONENTS SCHEMATIC

SAFEROAD

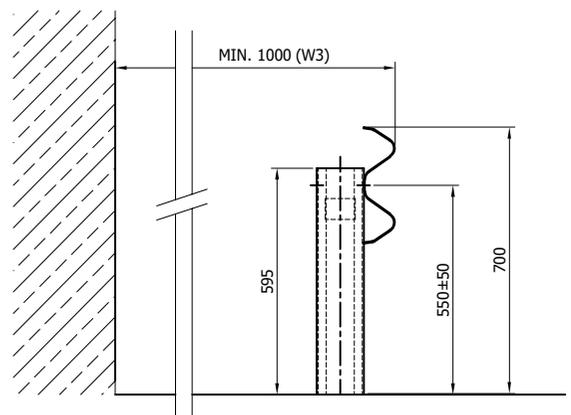
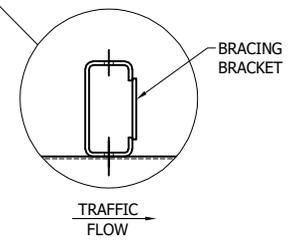
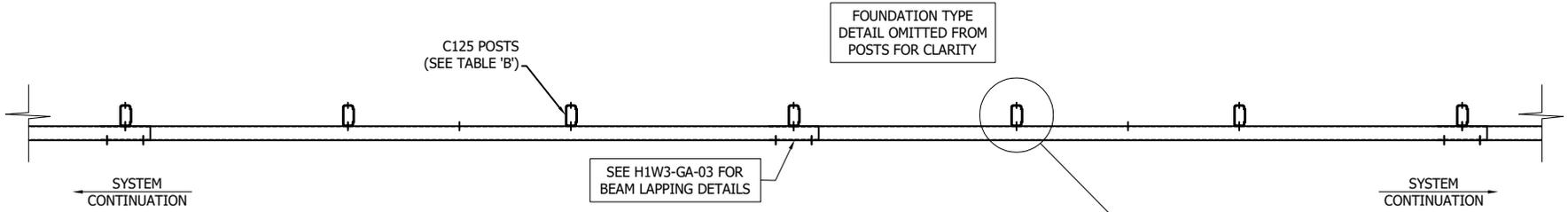
CONCORD HOUSE,
 BESSEMER WAY, SCUNTHORPE,
 NORTH LINCOLNSHIRE, DN15 8XE
 t: 01724 289119
 e: john.cudlipp@saferoad.co.uk

| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W3-GA-00 | 09 |



| TABLE 'A' - SYSTEM COMPONENT SCHEDULE - QUANTITIES P/4M BEAM | | |
|--|--|----------|
| SAFEROAD UK PART NUMBER | DESCRIPTION | QUANTITY |
| SR001 | 'A' PROFILE BEAM (CAN BE SUBSTITUTED BY SR028) | 1 |
| SEE TABLE 'B' | C125 TYPE 'B' POST | 3 |

| TABLE 'B' - SCHEDULE OF POST REFERENCE NUMBERS AND LENGTHS | |
|--|-----------------|
| SAFEROAD UK PART NUMBER | POST LENGTH |
| SR049 | 1100 |
| SR047 | 1800 |
| SR048 | 2000 |
| SR037 | 2400 |
| SR467 | SURFACE MOUNTED |



- GENERAL NOTES:
1. POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
 2. FOR OPTIONS ON POST FOUNDATIONS REFER TO DRAWING NUMBER MR-GA-020
 3. WHEN TYING INTO ADJACENT VRS ONLY ONE WORKING WIDTH DIFFERENCE IS PERMITTED.
 5. SEE MR-GA-001 & MR-GA-003 FOR DETAILS OF SYSTEM HEIGHT WITH REFERENCE TO SETBACK & KERB HEIGHT
 6. FOR MINIMUM LENGTH OF FULL HEIGHT VRS REFER TO SAFEROAD MEGARAIL MANUAL.
 7. FOR DEVIATIONS IN SYSTEM POST PITCH REFER TO DRAWING H1W3-GA-40.

| | | | |
|------|----------|------------------------|---------|
| 05 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 04 | 19/11/19 | BEAM DETAILS ADDED | M.T |
| REVn | DATE | DETAILS | INITIAL |

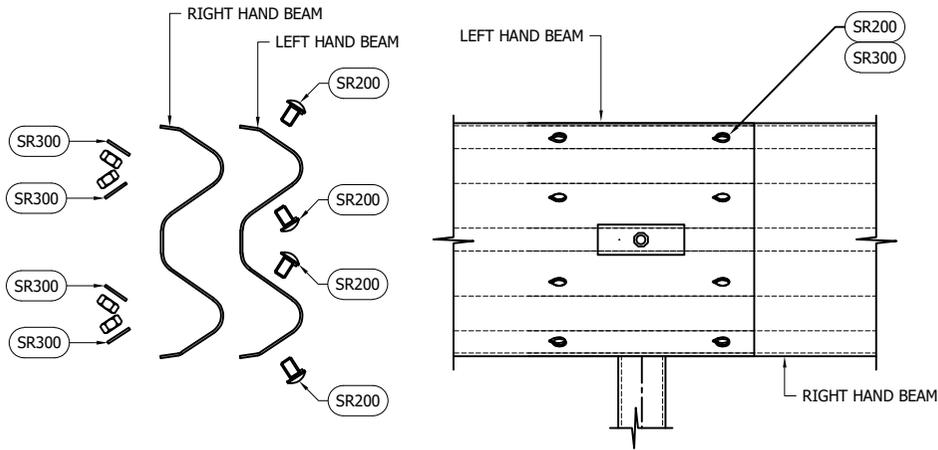
MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

GENERAL ARRANGEMENT DETAILS

SAFEROAD

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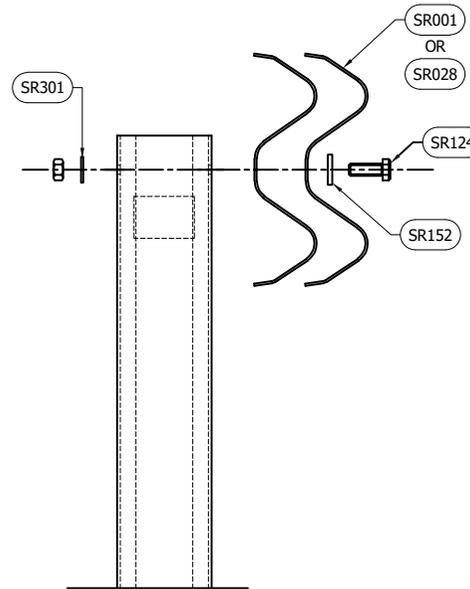
| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W3-GA-01 | 05 |



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 | M16x27 4.6 LIP BOLT c/w NUT | 8 (+8) |
| SR300 | M16 WASHER 18 ϕ HOLE | 8 (+8) |



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

| BEAM TO POST CONNECTION | | |
|-------------------------|---------------------------|--------------|
| SAFEROAD UK PART NUMBER | DESCRIPTION | QTY'S P/POST |
| SR124 | M10 x 45 8.8 BOLT c/w NUT | 1 |
| SR152 | M10x115x40x5 WASHER PLATE | 1 |
| SR301 | M10 WASHER 11 ϕ HOLE | 1 |

| | | | |
|------|----------|------------------------|---------|
| 06 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 05 | 12/01/23 | M10x45 BOLT AMENDMENTS | H.B |
| REV# | DATE | DETAILS | INITIAL |

MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

SYSTEM BOLTING ARRANGEMENT

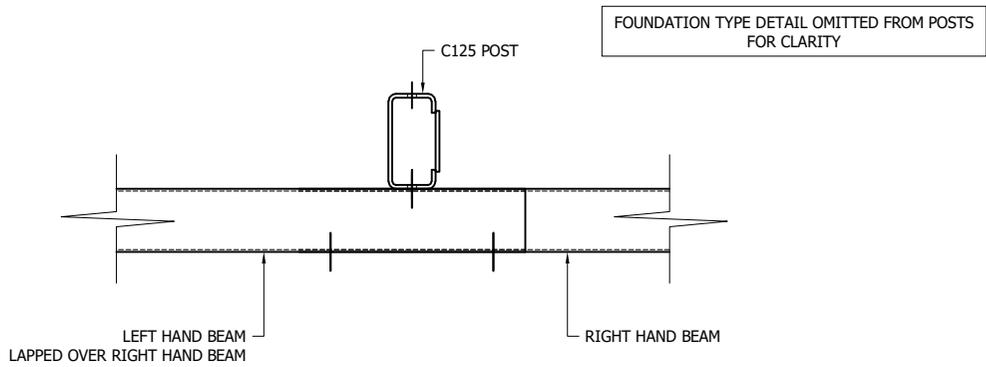
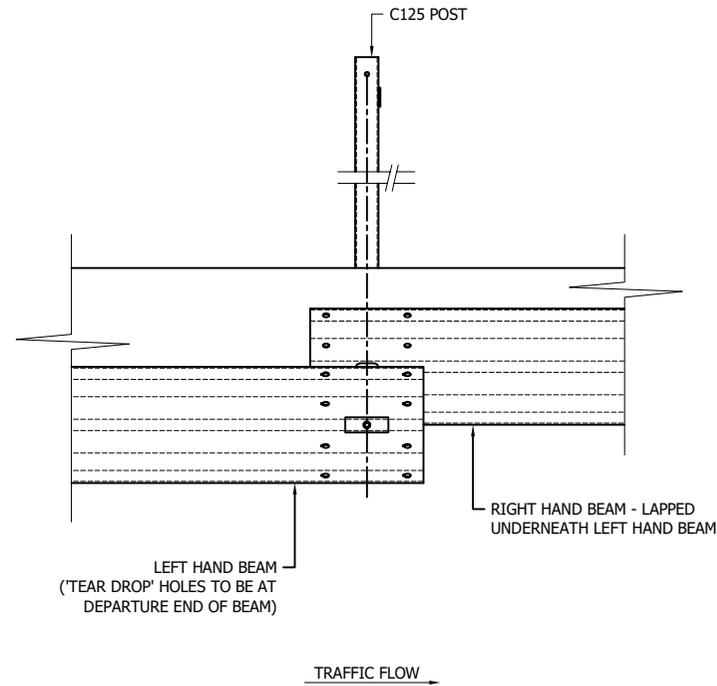
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GENERAL NOTES:

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

| | |
|-----------------|-------|
| DRAWING NUMBER: | REV#: |
| H1W3-GA-02 | 06 |



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

| | | | |
|------|----------|------------------------|---------|
| 04 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 03 | 12/02/19 | TITLEBLOCK REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

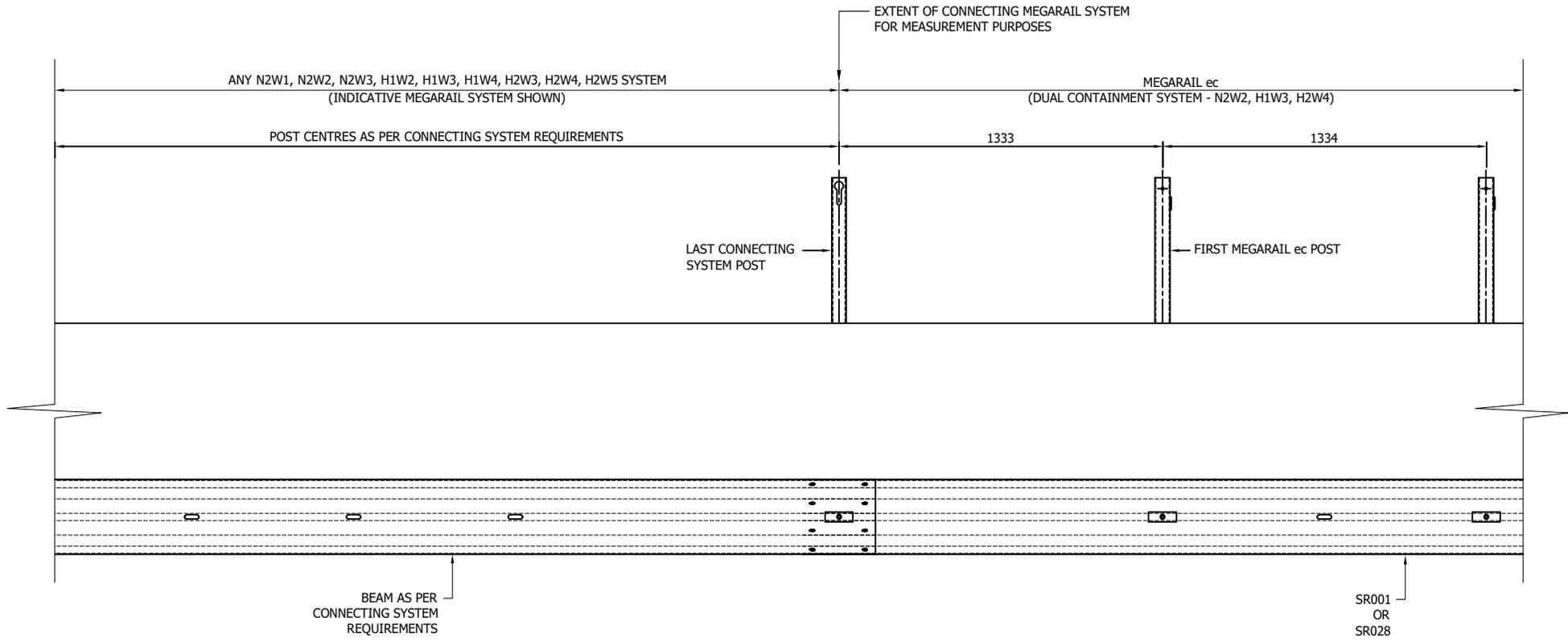
BEAM LAPPING DETAILS



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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: |
| H1W3-GA-03 | 04 |



| | | | |
|------|----------|------------------------|---------|
| 02 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 01 | 12/02/19 | TITLEBLOCK REVISED | M.T |
| REVn | DATE | DETAILS | INITIAL |

MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

SYSTEM PROGRESSION DETAILS

SAFEROAD

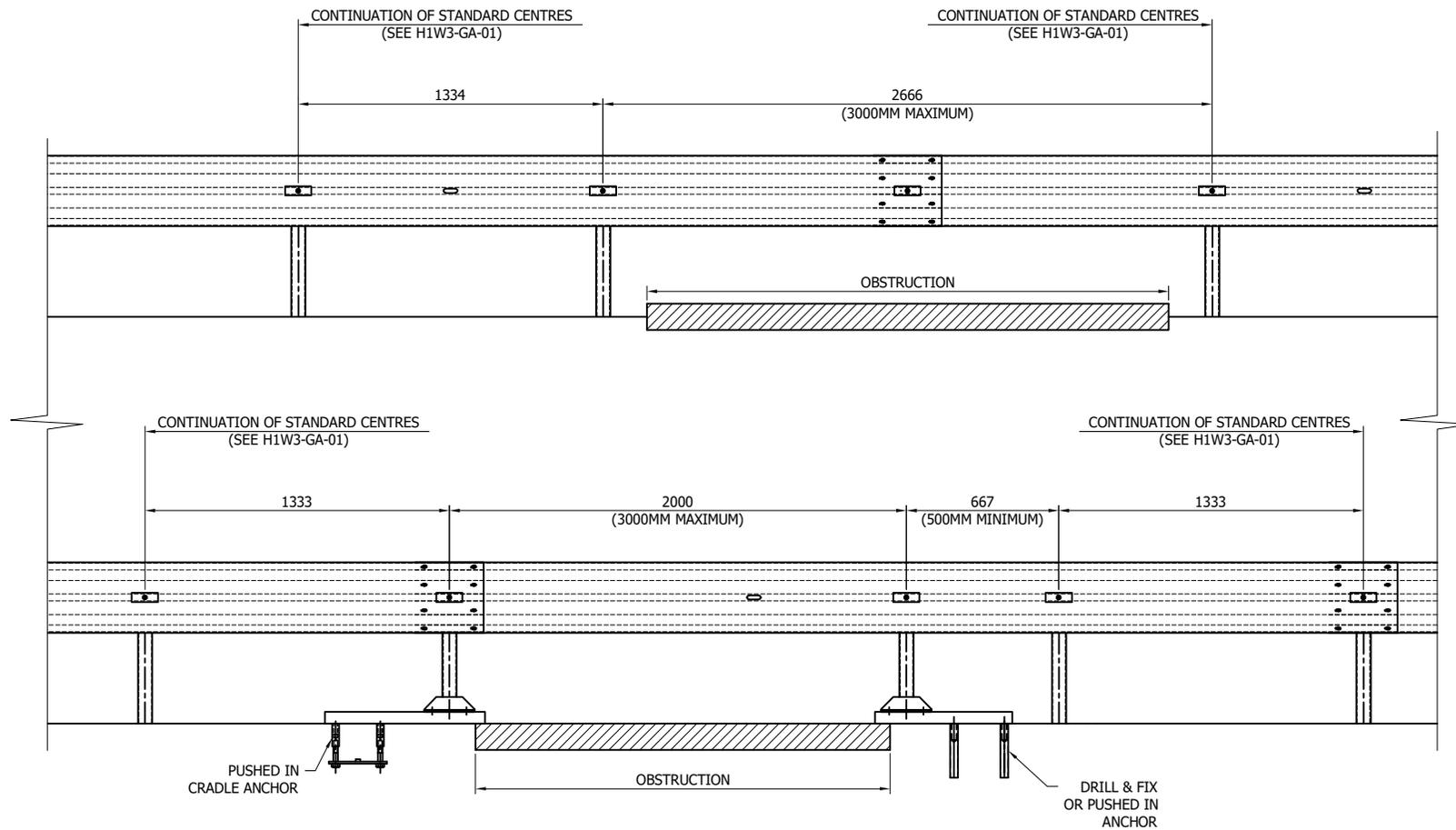
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 NORTH LINCOLNSHIRE, DN15 8XE
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 e: john.cudlipp@saferoad.co.uk

- GENERAL NOTES:
- POSTS ARE TO BE INSTALLED WITH THE CLOSED FACE OF THE CHANNEL TOWARDS THE ON-COMING TRAFFIC.
 - SEE SYSTEM PROGRESSION CHART WITHIN MEGARAIL MANUAL FOR FULL DETAILS ON SYSTEM PROGRESSION FROM MEGARAIL EC DUAL CONTAINMENT SYSTEM
- ** BEAM REFERENCES i.e. LEFT / RIGHT HAND ARE FOR VERGE INSTALLATIONS; FOR CENTRAL RESERVATION INSTALLATIONS THE REFERENCES ARE REVERSED

| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W3-GA-20 | 02 |

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. IF AN ADDITIONAL POST DUE TO STRUCTURAL CONDITIONS IS NOT POSSIBLE, IN EXCEPTIONAL CASES, THE POST DISTANCE CAN BE EXTENDED TO A STRICT MAXIMUM OF 3000MM.
3. OFFSET POSTS SHOWN ON DRAWING H1W3-GA-00 CAN BE USED (USE WITH SR467)
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.



| | | | |
|------|----------|--|---------|
| 07 | 23/02/26 | GENERAL DRAWING UPDATE | H.B |
| 06 | 13/05/22 | SURFACE MOUNTED POST BASEPLATE CHANGED | A.D |
| REVn | DATE | DETAILS | INITIAL |

MegaRail ec
N2 W2 (ec 2.2)
H1 W3 VI4 (ec 3.3)
H2 W4 VI6 (ec 4.4)

SYSTEM DEVIATION OPTIONS



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| | |
|-----------------|-------|
| DRAWING NUMBER: | REVn: |
| H1W3-GA-40 | 07 |