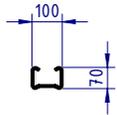


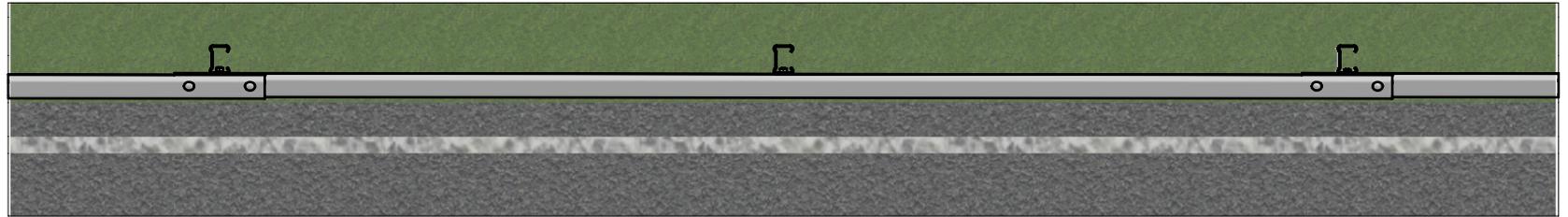
NOTES:

1. RamShield® GuardRail has been crash tested in accordance with MASH Test Level 3 (TL3) at rail heights of between 730mm and 820mm above ground.
2. Recorded MASH TL3 deflection = 1.56m (2270kg Pickup Truck travelling at 100km/h and 25 degrees).
3. An installed rail height of 800mm +/-20mm provides compatibility with MASH guardrail end terminals.
4. The W-Beam guardrail panel may be bolted to the Post using an M16x32mm, M16x50mm or M16x40 Hex Drive, Mushroom Head Bolt, with a standard or oversize M16 Hex Nut.
5. The W-Beam guardrail panel is punched at 1m centres to facilitate:
 - a. attachment of BikerShield motorcycle protection barrier;
 - b. installation of posts at 1m centres where reduced dynamic deflection is required;
 - c. 6m span assembly - refer to SD-RB-01019 drawing.

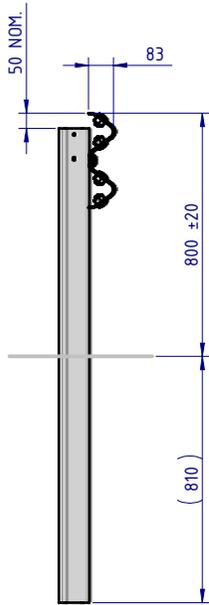
| REVISIONS | | | | |
|-----------|------|--------------------------------------|------------|--------|
| REV. | ZONE | DESCRIPTION | DATE | APPV'D |
| A | | Original Issue, supersedes GR-WB-060 | 09/05/2022 | HW |
| B | | REVISION UPDATED | 18/10/2022 | HW |
| C | | REVISION TO NOTE 4. | 03/09/2024 | HW |



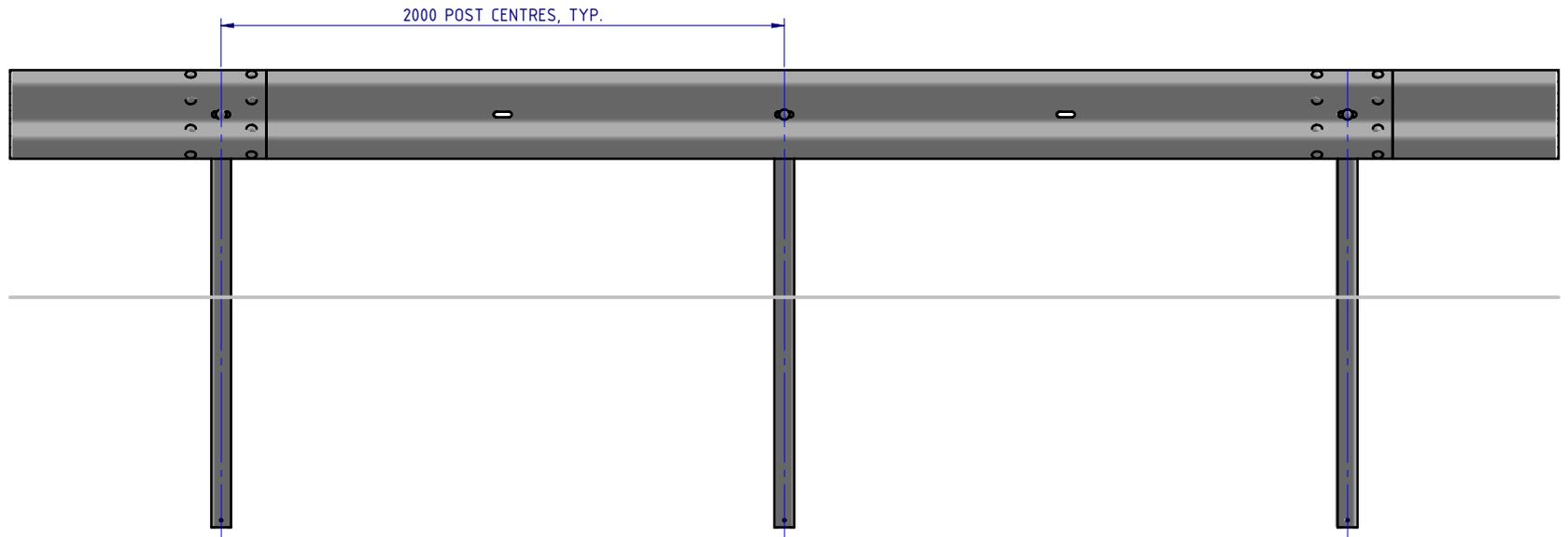
POST PLAN



PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION

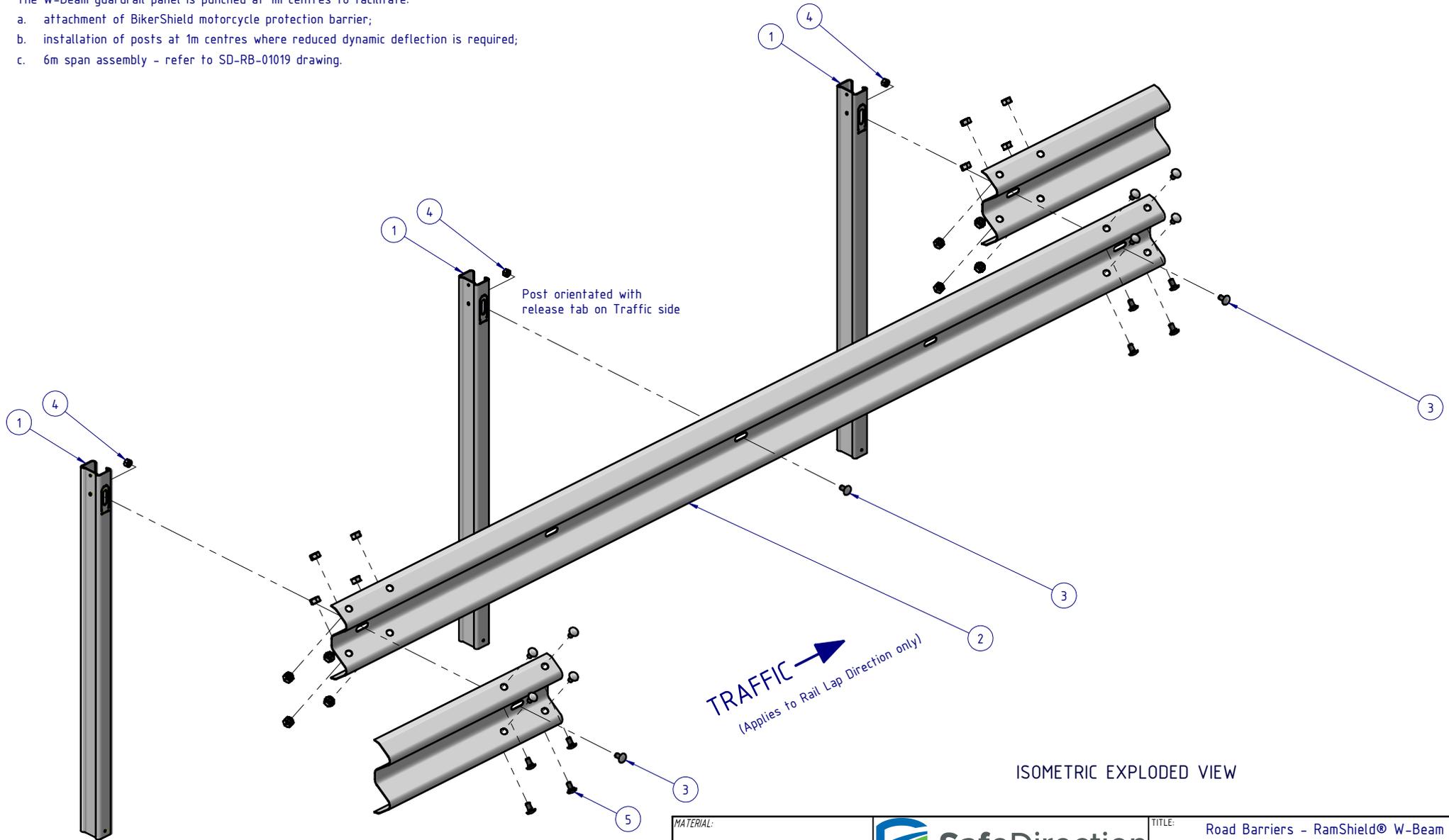
| BOM | | | | |
|----------|------------------|--|-----------|-------|
| ITEM NO. | PART NUMBER | DESCRIPTION | Weight kg | NOTES |
| 1 | GR-PG-SS-1560-AG | RamShield® Standard Post 1560mm | 14.1 | |
| 2 | GR-WB-SR-4000-CG | W-Beam Guardrail 4.0M NLL, 1.0M CTRS | 43.3 | |
| 3 | GR-FS-16-0032-MZ | M16x32 Mushroom Head SPLICE Bolt Class 8.8 HDG | 0.1 | (4) |
| 4 | GR-FS-16-0000-NG | M16 Hex Nut, Class 5, HDG | 0.04 | (4) |
| 5 | GR-FS-16-0032-MG | M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8 | 0.2 | |

| | | | | |
|-----------|--------------|---|--|--------------------------|
| MATERIAL: | | <p>SafeDirection CRASH BARRIER SOLUTIONS</p> | TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 1560 Posts | |
| FINISH: | | | General Arrangement | |
| STATUS | NAME | DATE | DWG NO. | REVISION: SHEET SIZE |
| DRAWN | W. Rogulski | 3/05/2022 | SD-RB-01000 | C A4 |
| CHK'D | T. Colquhoun | 3/09/2024 | | |
| APPV'D | H. Wallace | 3/09/2024 | WEIGHT: 107.3kg | SCALE: 1:25 SHEET 1 of 3 |

APPROVED

NOTES:

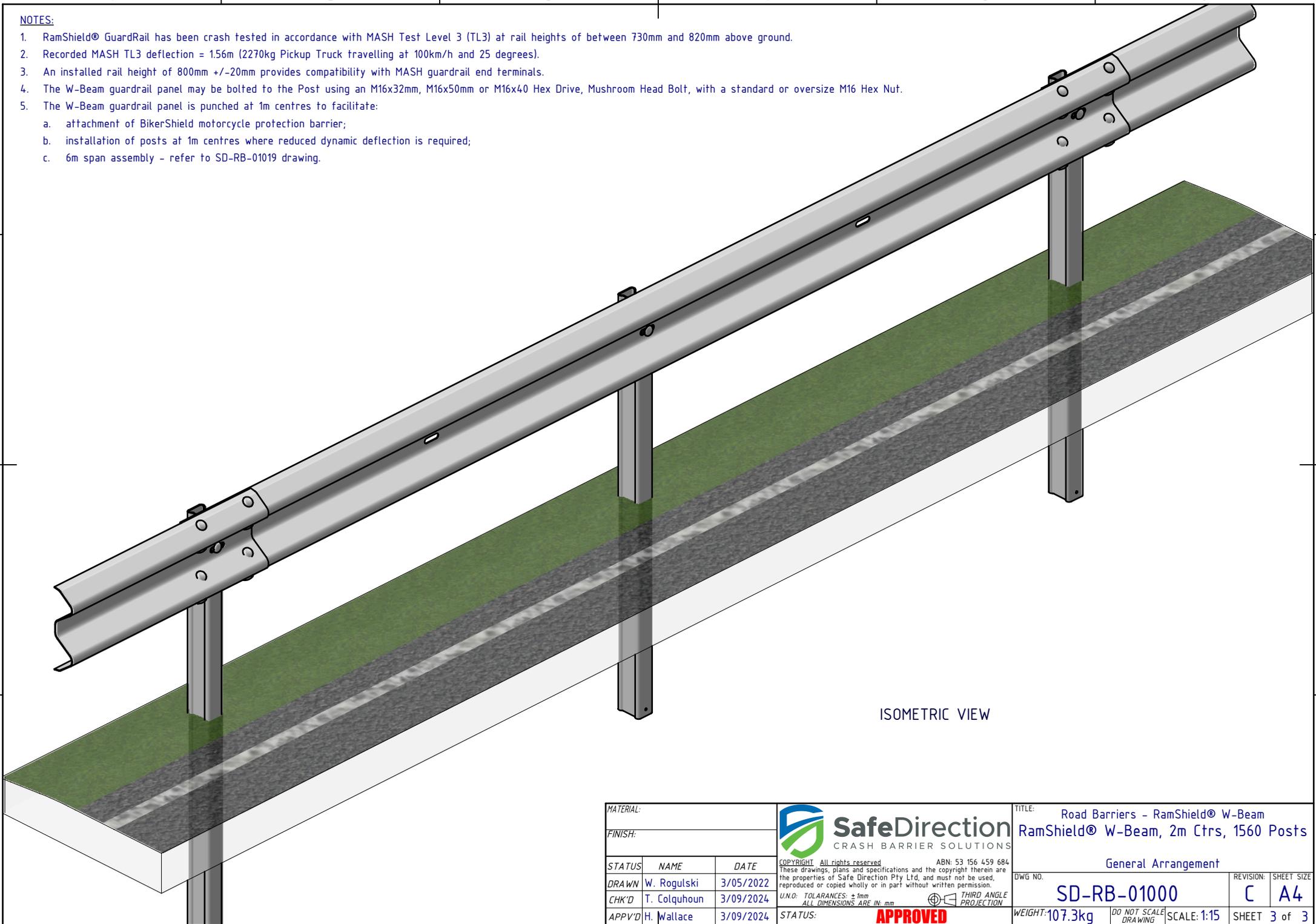
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| | | | | | | | | | |
|-----------|--------------|-----------|--|--|--|-------------------------|-----------|----------------------|--------------|
| MATERIAL: | | |  SafeDirection CRASH BARRIER SOLUTIONS | | TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 1560 Posts | | | | |
| FINISH: | | | | | General Arrangement | | | | |
| STATUS | NAME | DATE | COPYRIGHT: All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission. U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm | | | DWG NO. | REVISION: | SHEET SIZE | |
| DRAWN | W. Rogulski | 3/05/2022 | | | | SD-RB-01000 | | C | A4 |
| CHK'D | T. Colquhoun | 3/09/2024 | | | | WEIGHT: 107.3kg | | SCALE: 1:20 | SHEET 2 of 3 |
| APPV'D | H. Wallace | 3/09/2024 | | | | STATUS: APPROVED | | DO NOT SCALE DRAWING | |

NOTES:

1. RamShield® GuardRail has been crash tested in accordance with MASH Test Level 3 (TL3) at rail heights of between 730mm and 820mm above ground.
2. Recorded MASH TL3 deflection = 1.56m (2270kg Pickup Truck travelling at 100km/h and 25 degrees).
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ISOMETRIC VIEW

| | | | | | | |
|-----------|--------------|-----------|--|--|-------------|--|
| MATERIAL: | | |  SafeDirection CRASH BARRIER SOLUTIONS | TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 1560 Posts | | |
| FINISH: | | | | General Arrangement | | |
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| DRAWN | W. Rogulski | 3/05/2022 | U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm | | | |
| CHK'D | T. Colquhoun | 3/09/2024 | THIRD ANGLE PROJECTION | | | |
| APPV'D | H. Wallace | 3/09/2024 | STATUS: APPROVED | DWG NO.: SD-RB-01000 | REVISION: C | |
| | | | WEIGHT: 107.3kg | DO NOT SCALE DRAWING | SCALE: 1:15 | |
| | | | SHEET 3 of 3 | | | |