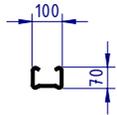


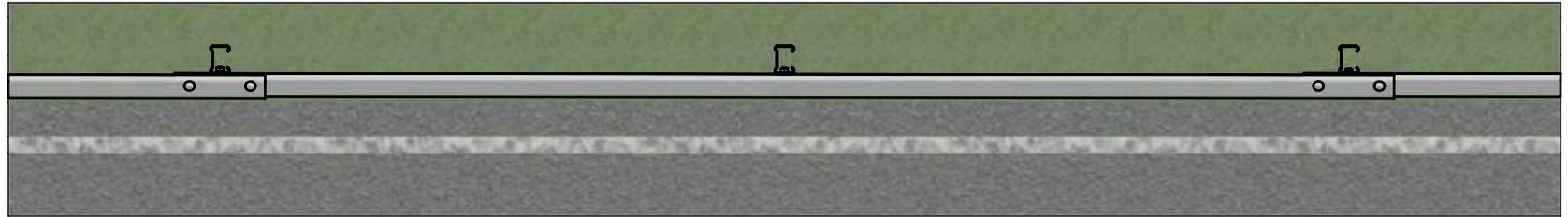
NOTES:

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 a M16x32mm or M16x50mm 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.

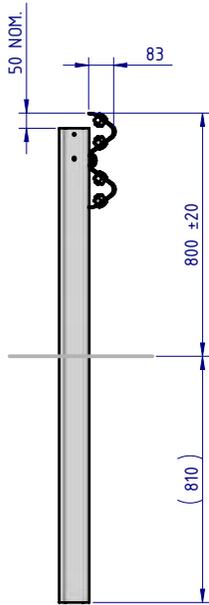
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-060	09/05/2022	HW



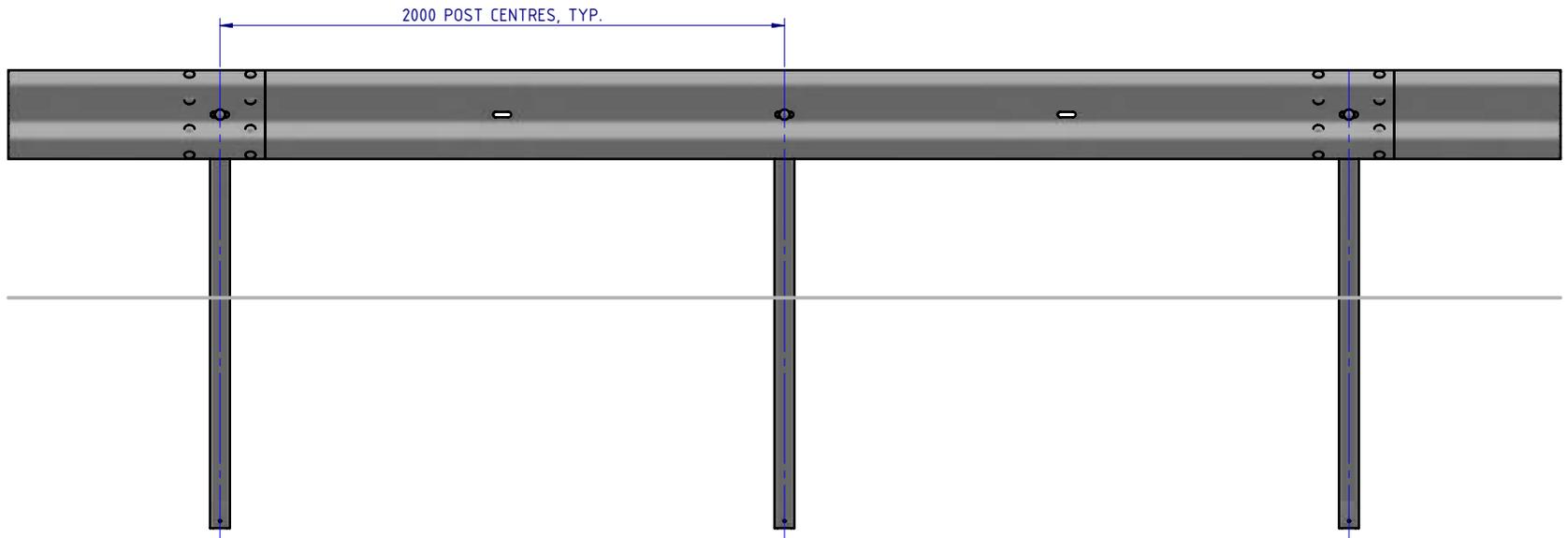
POST PLAN



PLAN VIEW



SIDE ELEVATION



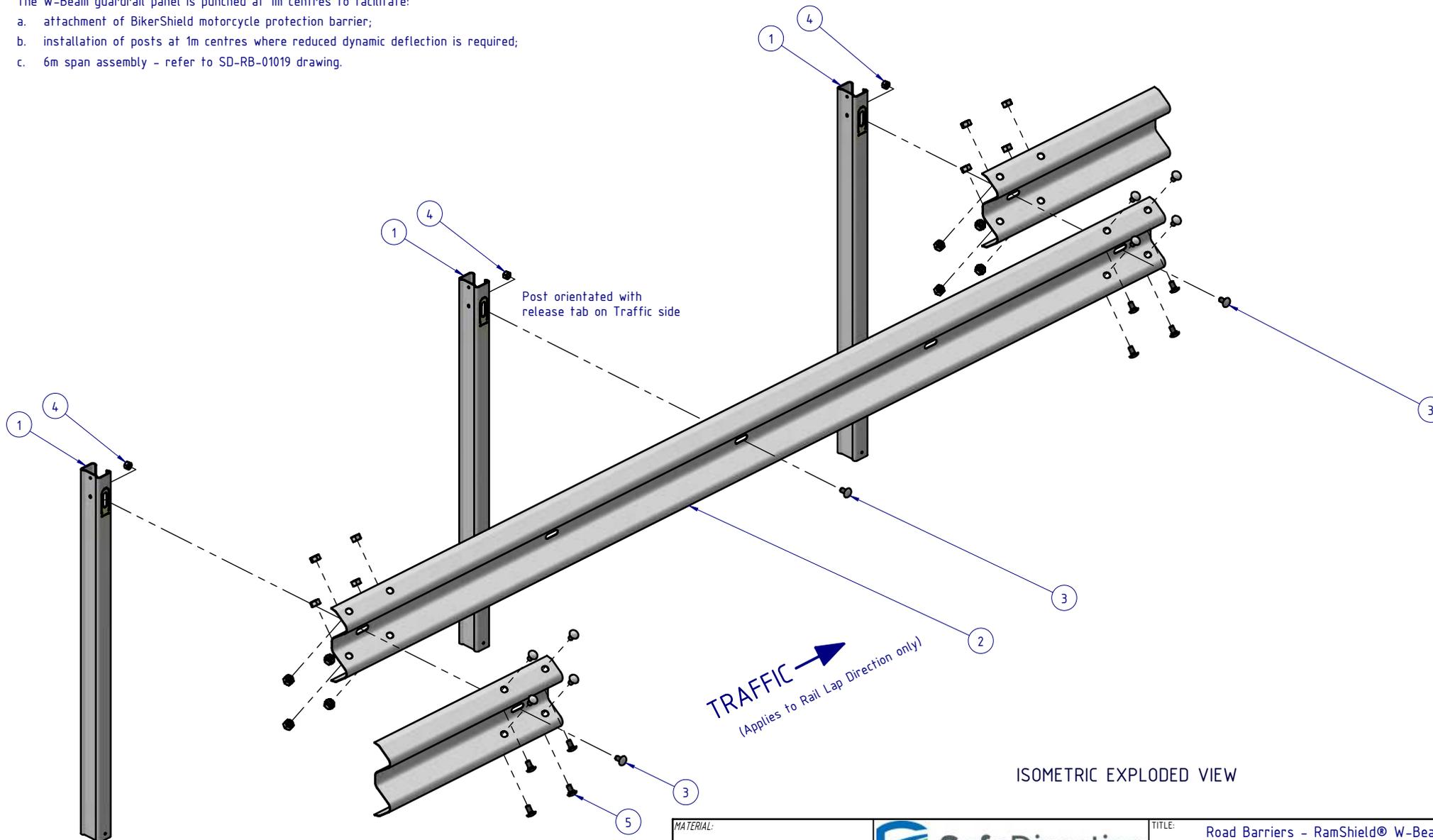
FRONT ELEVATION

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:				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.		DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	3/05/2022	U.N.O: TOLARANCES: ±1mm ALL DIMENSIONS ARE IN: mm		SD-RB-01000	A	A4
CHK'D	T. Colquhoun	09/05/2022	THIRD ANGLE PROJECTION		WEIGHT: 107.3kg	SCALE: 1:25	SHEET 1 of 3
APPV'D	H. Wallace	09/05/2022					

NOTES:

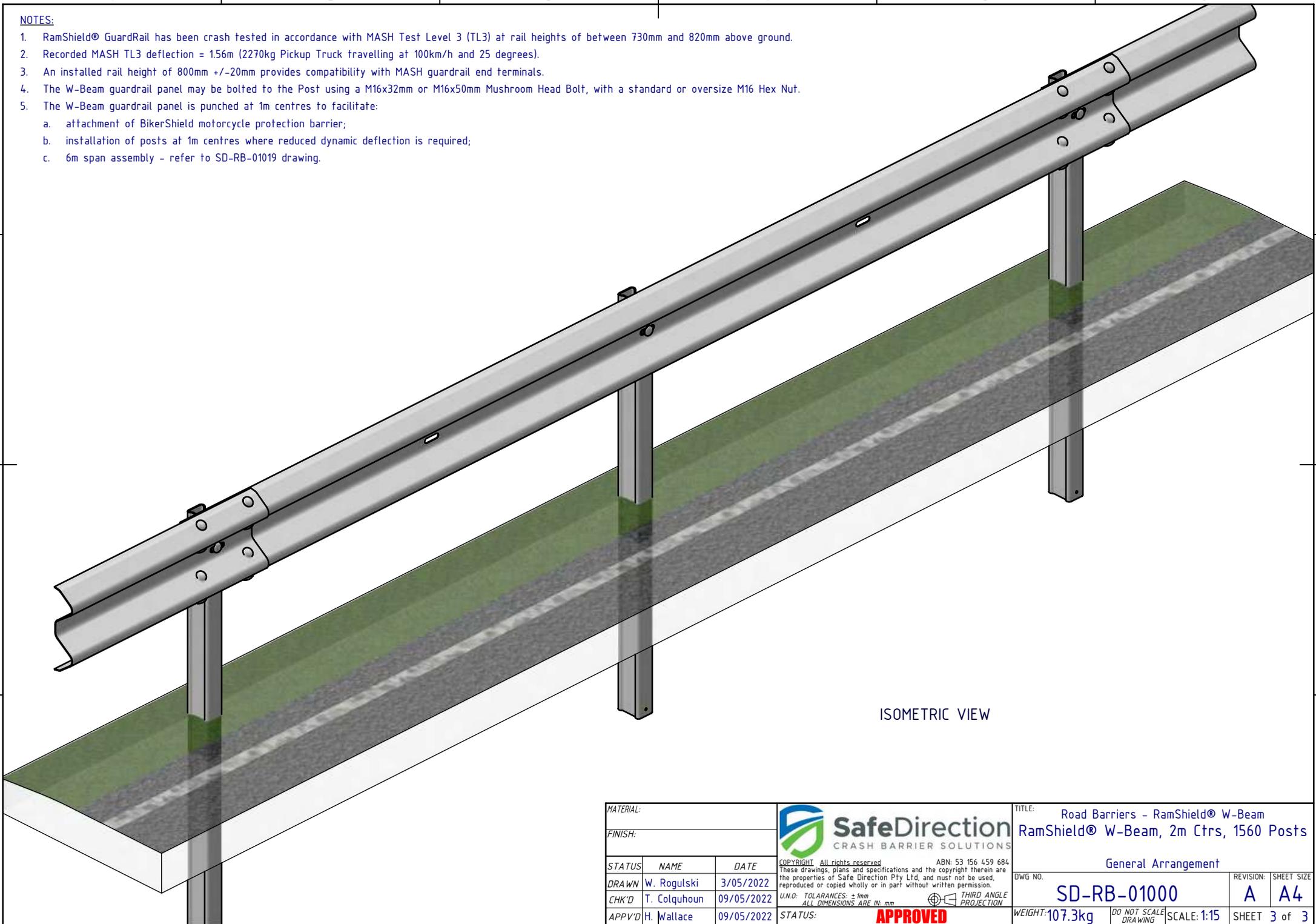
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MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 1560 Posts				
FINISH:					General Arrangement				
STATUS	NAME	DATE	COPYRIGHT All rights reserved ABN: 53 156 459 684 These drawings, 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		A	A4
CHK'D	T. Colquhoun	09/05/2022				WEIGHT: 107.3kg		SCALE: 1:20	SHEET 2 of 3
APPV'D	H. Wallace	09/05/2022				SCALE: 1:20		SHEET 2 of 3	
U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm THIRD ANGLE PROJECTION			STATUS: APPROVED		Monday, 23 May 2022 2:28:56 PM				

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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		
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.			
DRAWN	W. Rogulski	3/05/2022	DWG NO. SD-RB-01000			
CHK'D	T. Colquhoun	09/05/2022	REVISION: A SHEET SIZE A4			
APPV'D	H. Wallace	09/05/2022	U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm			
STATUS: APPROVED			THIRD ANGLE PROJECTION WEIGHT: 107.3kg			
			DO NOT SCALE DRAWING SCALE: 1:15 SHEET 3 of 3			