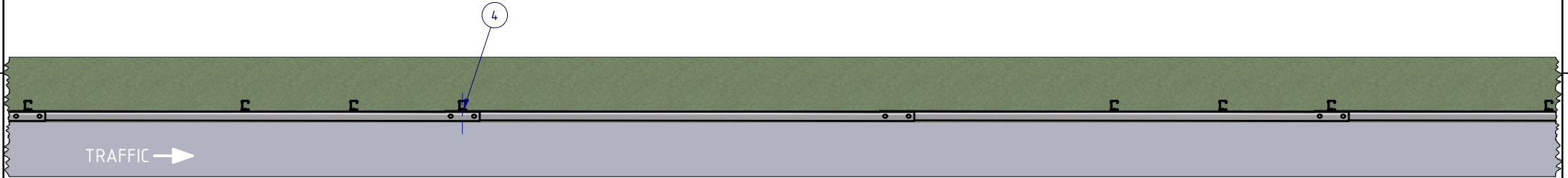


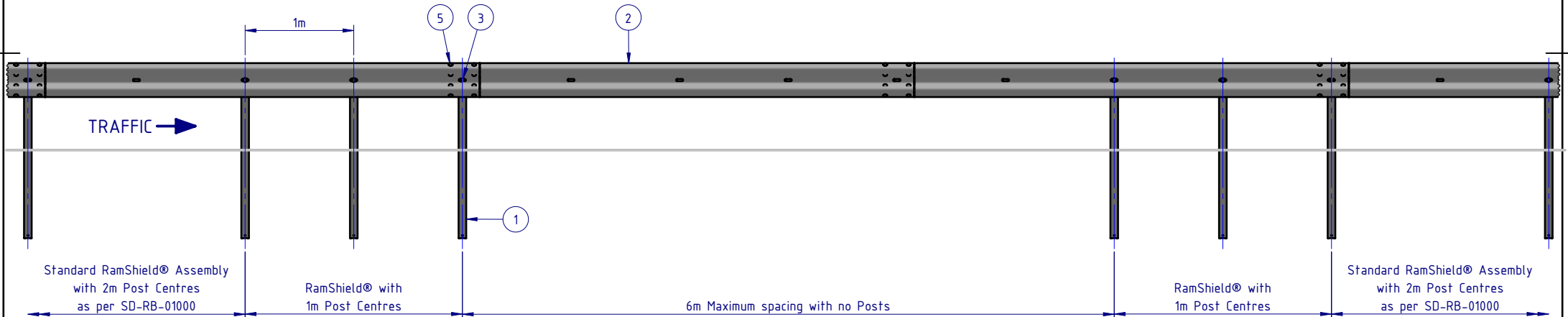
NOTES:

1. Nesting of W-Beam Guardrail not required.
2. RAMSHIELD® TO BE CONSTRUCTED IN ACCORDANCE WITH SAFE DIRECTION ASSEMBLY DRAWING SD-RB-01000.
3. Minimum spacing between subsequent 6m spans: 20m.
4. RamShield® GuardRail has been crash tested in accordance with MASH Test Level 3 (TL3) at rail heights of between 730mm and 820mm above ground.
5. An installed rail height of 800mm +/-20mm provides compatibility with MASH guardrail end terminals.
6. The W-Beam rail may be bolted to the Post using a M16x32mm, M16x50mm or M16x40mm Hex Drive, Mushroom Head Bolt, with a standard or oversize M16 Hex Nut.

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Initial Issue, supersedes GR-WB-095	24/05/2022	HW
B		M16x40 Hex Drive bolt added to Note 6	11/09/2026	HW



PLAN VIEW

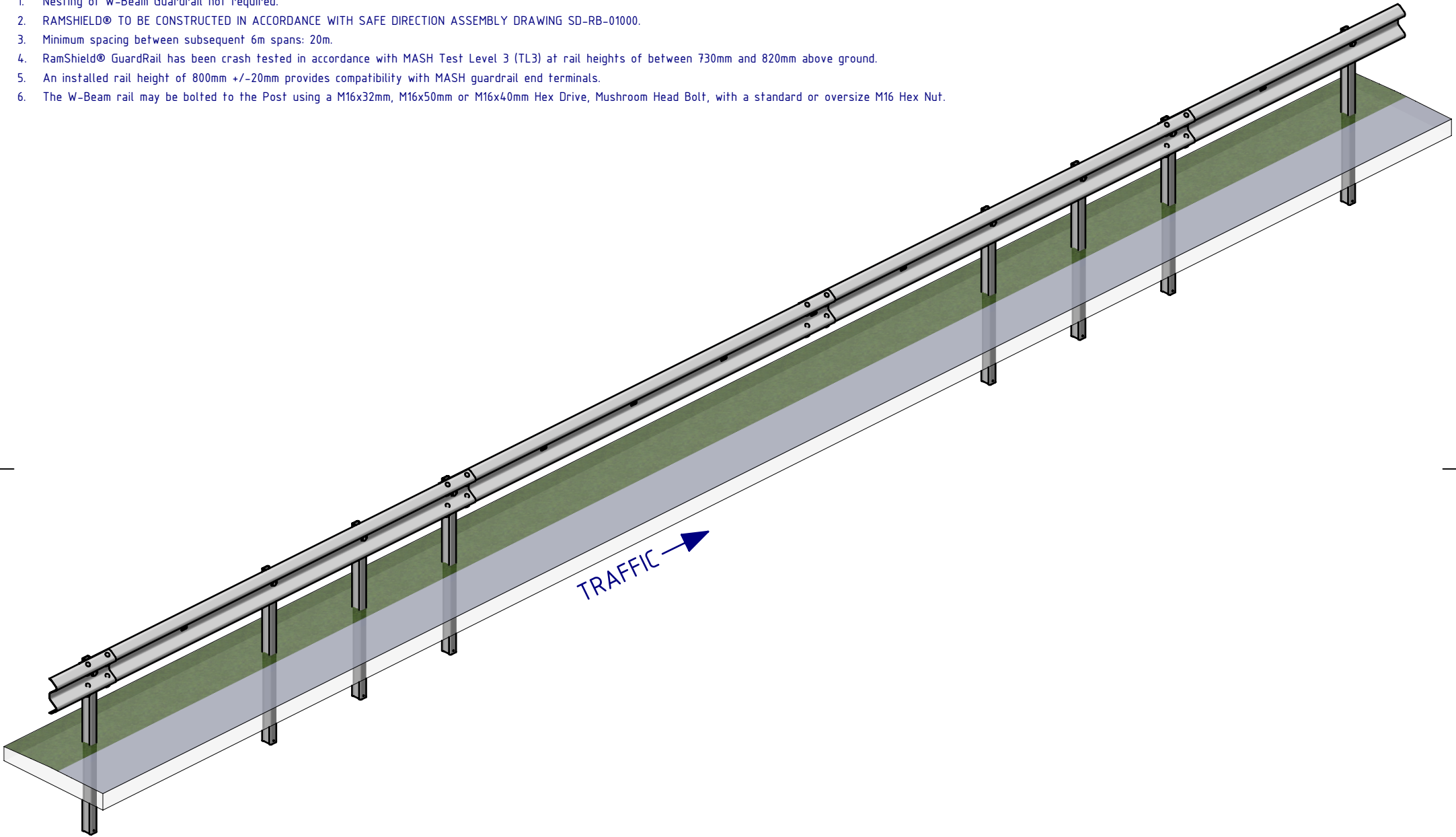


FRONT ELEVATION

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	(5)
4	GR-FS-16-0000-NG	M16 Hex Nut, Class 5, HDG	0.04	(5)
5	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2	

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 6m Span, 1560mm Posts General Arrangement			
FINISH:				DWG NO. SD-RB-01019 REVISION: B SHEET SIZE A4			
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 THIRD ANGLE PROJECTION				
DRAWN	W. Rogulski	19/05/2022					
CHK'D	T. Colquhoun	24/05/2022					
APPV'D	H. Wallace	24/05/2022					
STATUS:			WEIGHT: 283.3kg DO NOT SCALE DRAWING SCALE: 1:50 SHEET 1 of 2				

- NOTES:
- 1. Nesting of W-Beam Guardrail not required.
 - 2. RAMSHIELD® TO BE CONSTRUCTED IN ACCORDANCE WITH SAFE DIRECTION ASSEMBLY DRAWING SD-RB-01000.
 - 3. Minimum spacing between subsequent 6m spans: 20m.
 - 4. RamShield® GuardRail has been crash tested in accordance with MASH Test Level 3 (TL3) at rail heights of between 730mm and 820mm above ground.
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MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS			TITLE: Road Barriers – RamShield® W-Beam RamShield® W-Beam, 6m Span, 1560mm Posts General Arrangement					
FINISH:											
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  THIRD ANGLE PROJECTION			DWG NO.	REVISION:	SHEET SIZE			
DRAWN	W. Rogulski	19/05/2022				SD-RB-01019			B	A4	
CHK'D	T. Colquhoun	24/05/2022				WEIGHT: 283.3kg			DO NOT SCALE DRAWING	SCALE: 1:40	SHEET 2 of 2
APPV'D	H. Wallace	24/05/2022				STATUS: APPROVED					