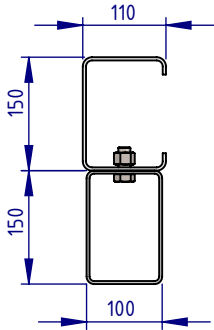
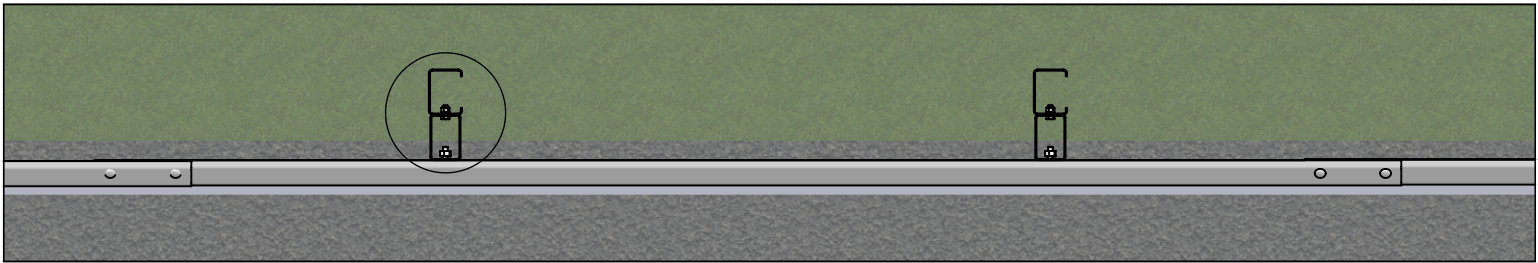


- NOTES:
- 1. RamShield® W-Beam Low Deflection with 150mm Block has been crash tested in accordance with MASH Test Level 3 (TL3).
 - 2. Recorded MASH TL3 deflection = 1.2m (2270kg Pickup Truck travelling at 100km/h and 25 degrees).
 - 3. The W-Beam guardrail panel may be bolted to the Post using a M16x32mm, M16x50mm or M16x40mm Hex Drive, Mushroom Head Bolt with a standard or oversize M16 Hex Nut.

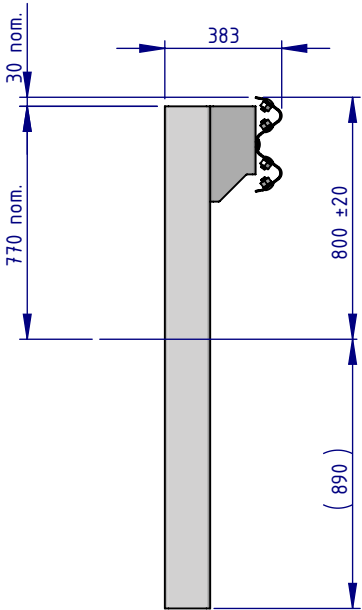
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVED
A		Initial Issue	29/01/2024	HW
B		Title name revised	17/07/2024	HW
C		Note 3 added	14/09/2026	HW



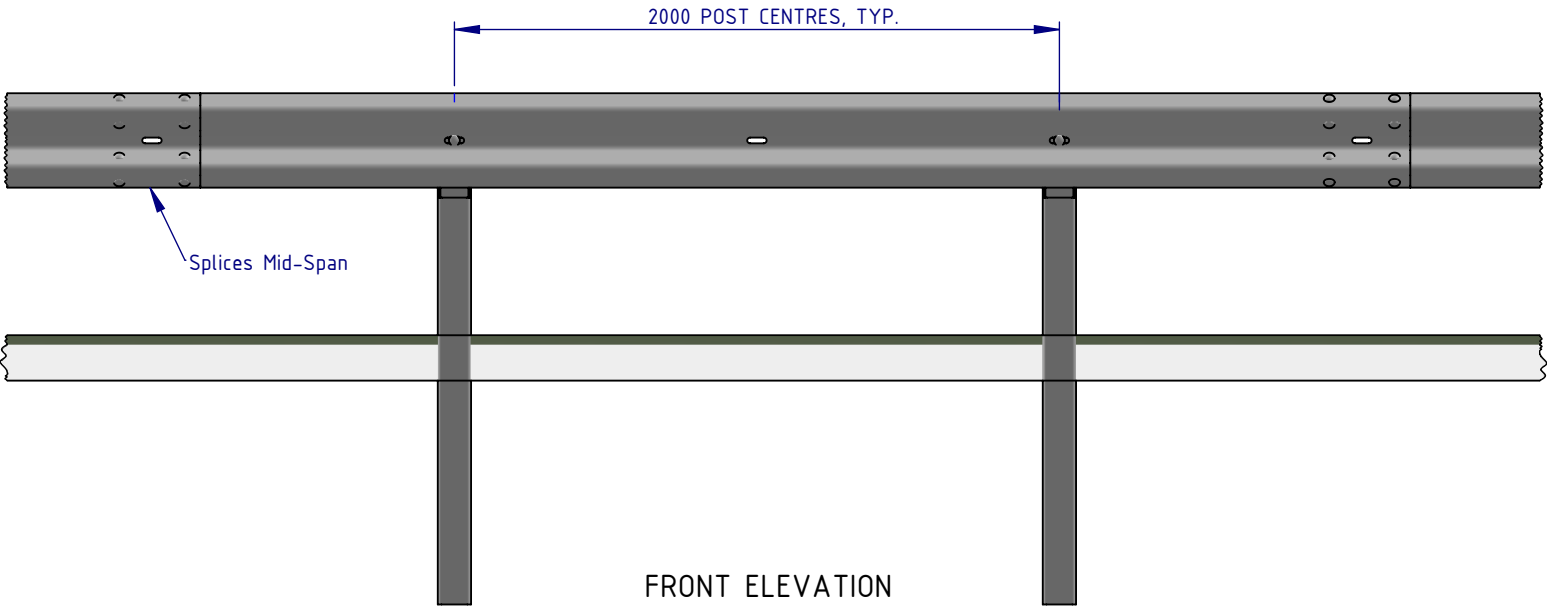
POST PLAN



PLAN VIEW



SIDE ELEVATION

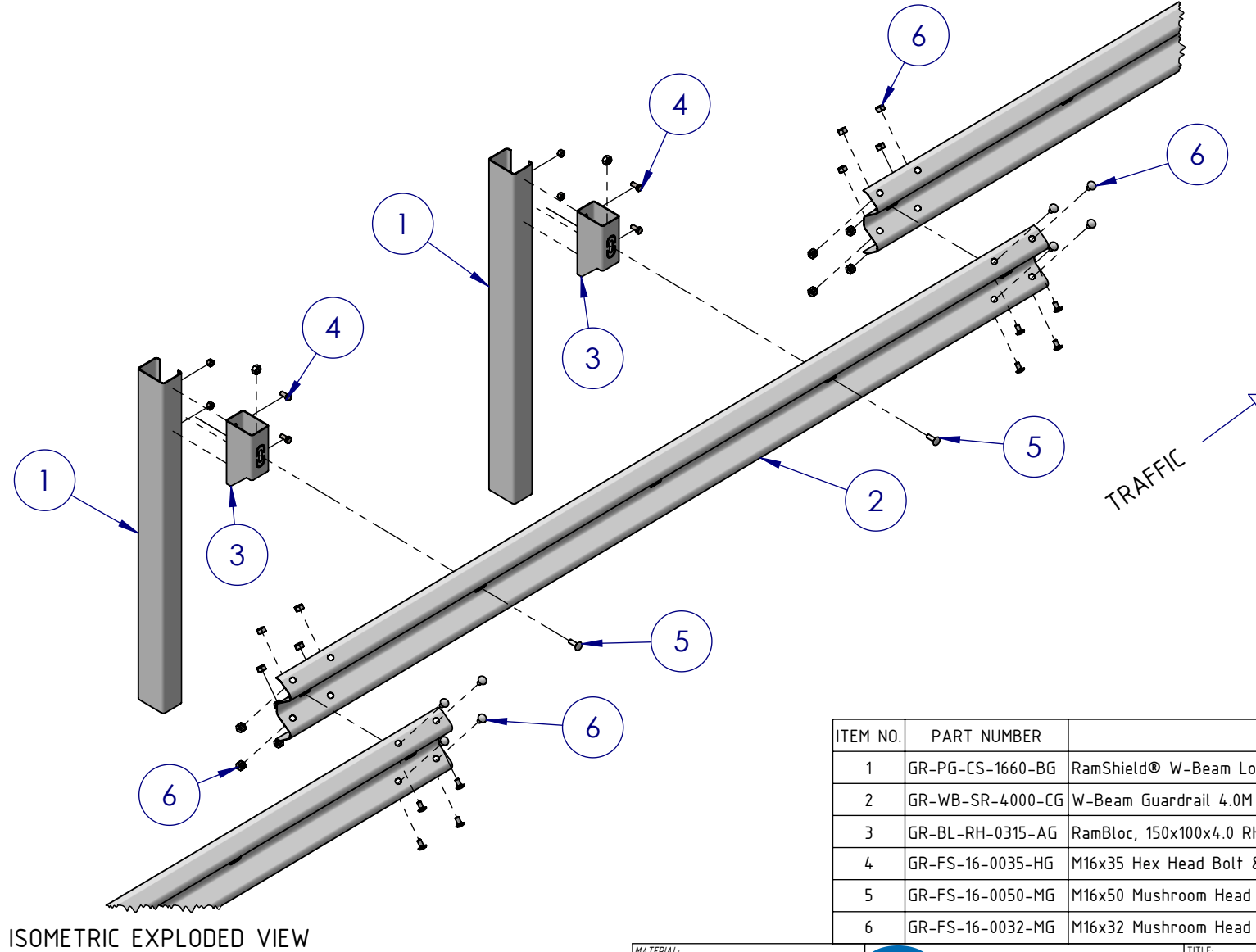


FRONT ELEVATION

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Road Barriers – RamShield® W-Beam RamShield® W-Beam Low Deflection with 150mm RamBloc, 2m Ctrs, 1660mm 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. Refahi	29/01/2024			SD-RB-14001	C	A3	
CHK'D	T. Colquhoun	29/01/2024			WEIGHT: kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 1 of 3
APPV'D	H. Wallace	29/01/2024			STATUS: APPROVED			

NOTES:

1. RamShield® W-Beam Low Deflection with 150mm Block has been crash tested in accordance with MASH Test Level 3 (TL3).
2. Recorded MASH TL3 deflection = 1.2m (2270kg Pickup Truck travelling at 100km/h and 25 degrees).
3. The W-Beam guardrail panel 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.



ITEM NO.	PART NUMBER	DESCRIPTION
1	GR-PG-CS-1660-BG	RamShield® W-Beam Low Deflection Post 1660mm
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS
3	GR-BL-RH-0315-AG	RamBloc, 150x100x4.0 RHS
4	GR-FS-16-0035-HG	M16x35 Hex Head Bolt & Nut Assy
5	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6
6	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Refahi	29/01/2024
CHK'D	T. Colquhoun	29/01/2024
APPV'D	H. Wallace	29/01/2024

**SafeDirection**
CRASH BARRIER SOLUTIONS

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.

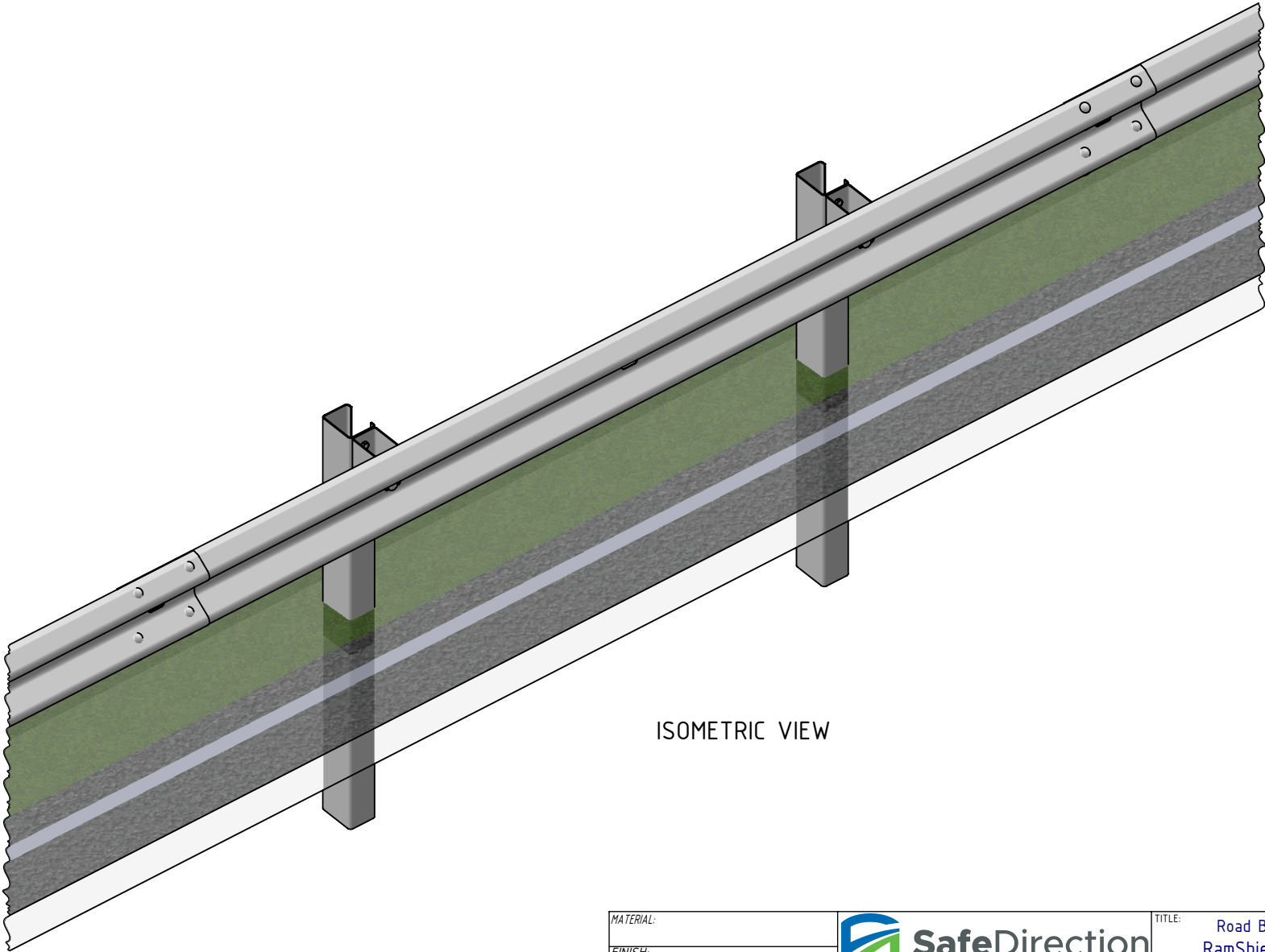
U.N.O. TOLERANCES: ±1mm
ALL DIMENSIONS ARE IN: mm

 **THIRD ANGLE PROJECTION**

APPROVED

TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam Low Deflection with 150mm RamBloc, 2m Ctrs, 1660mm Posts General Arrangement			
DWG NO.	SD-RB-14001	REVISION:	SHEET SIZE
		C	A3
WEIGHT: kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 2 of 3

- NOTES:
1. RamShield® W-Beam Low Deflection with 150mm Block has been crash tested in accordance with MASH Test Level 3 (TL3).
 2. Recorded MASH TL3 deflection = 1.2m (2270kg Pickup Truck travelling at 100km/h and 25 degrees).
 3. The W-Beam guardrail panel 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.



ISOMETRIC VIEW

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Road Barriers – RamShield® W-Beam RamShield® W-Beam Low Deflection with 150mm RamBloc, 2m Ctrs, 1660mm 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.						
DRAWN	W. Refahi	29/01/2024	U.N.O: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm  THIRD ANGLE PROJECTION						
CHK'D	T. Colquhoun	29/01/2024							
APPV'D	H. Wallace	29/01/2024							
STATUS:			APPROVED		DWG NO.	SD-RB-14001		REVISION: C	SHEET SIZE A3
					WEIGHT: kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 3 of 3	