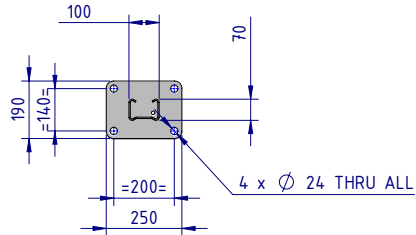
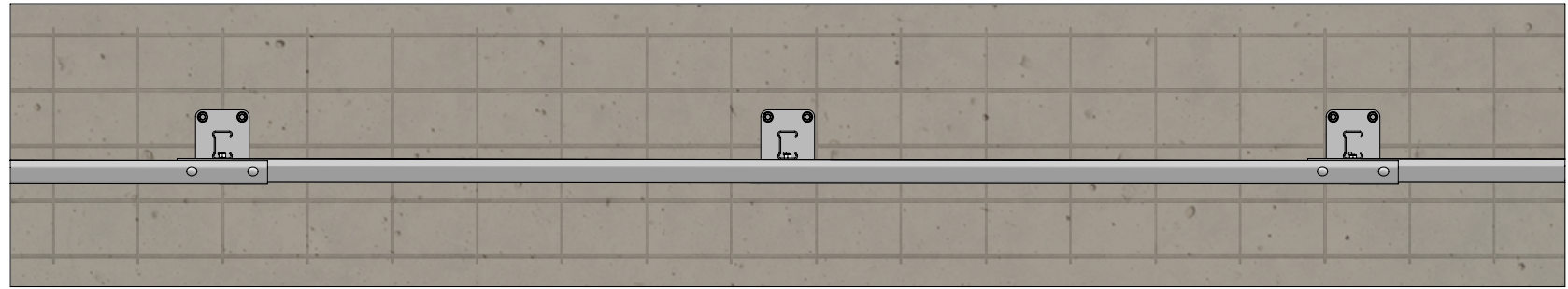


NOTES:

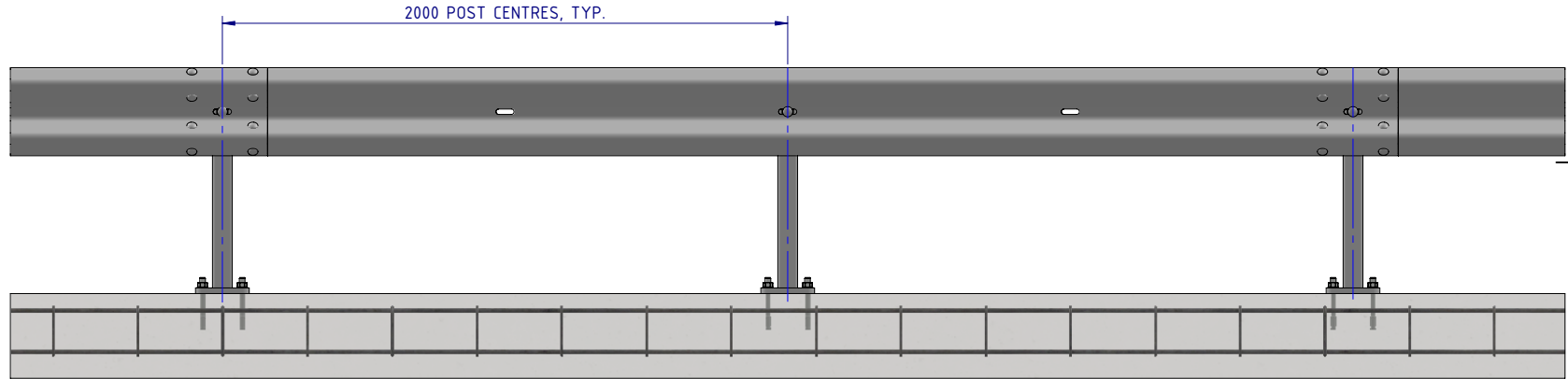
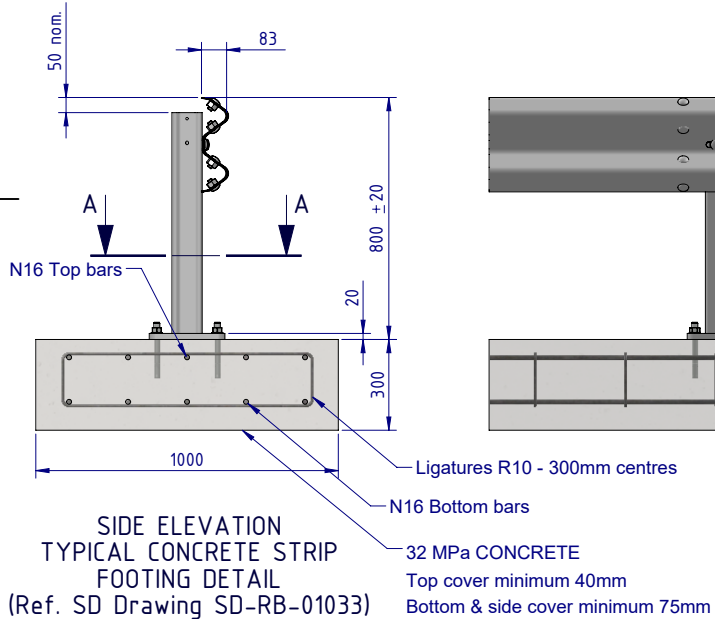
- The W-Beam guardrail panel may be bolted to the Post using a M16x32mm, M16x50mm or M16x40 Hex Drive, Mushroom Head Bolt, with a standard or oversize M16 Hex Nut.
- Anchor assembly to comprise one of the following options:
 - Four (4) off M20x187mm Galvanised Fischer FBN II (as shown). Minimum embedment depth of 125mm, each anchor torqued to 200Nm.
 - Four (4) off M20 Galvanised Rods Class 8.8. Minimum embedment depth of 170mm, secured with Fischer FIS SB 390 S. Each anchor torqued to 120Nm.

REVISIONS

REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Initial Issue, supersedes GR-WB-093		
B		Updated footing detail	19/04/2023	HW
C		Updated NOTES, #2. a.	09/04/2025	HW
D		M16x40 Hex Drive bolt added to Note 1	09/09/2026	HW

SECTION A-A
BASEPLATE DETAIL

PLAN VIEW



FRONT ELEVATION

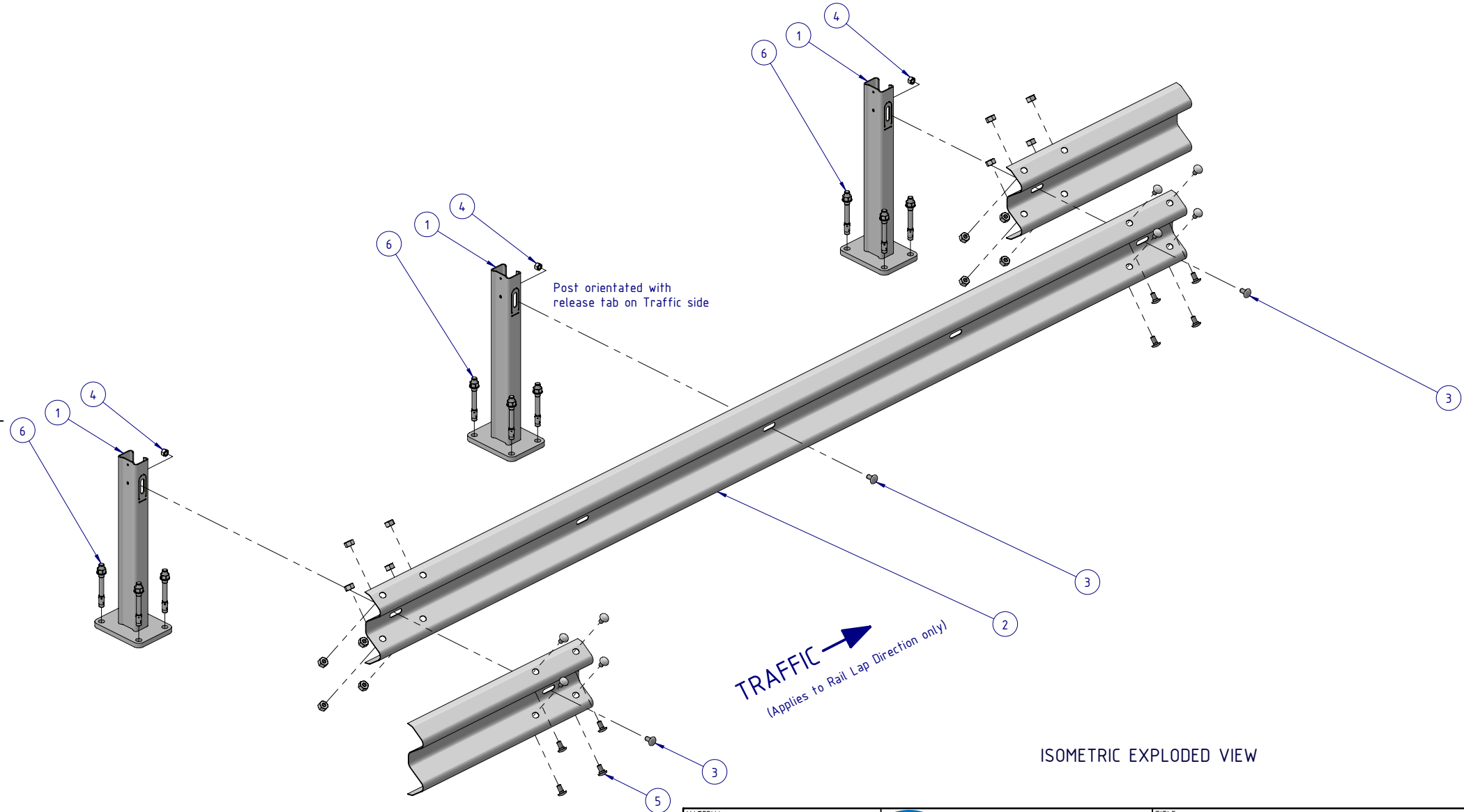
BOM				
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg	NOTES
1	GR-PB-SS-0750-AG	RamShield® Post on Baseplate 750mm	13.6	
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3	
3	GR-FS-16-0032-MZ	M16x32 Mushroom Head SPLICE Bolt Class 8.8 HDG	0.1	(1)
4	GR-FS-16-0000-NG	M16 Hex Nut, Class 5, HDG	0.04	(1)
5	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2	
6	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5	(2)

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS
FINISH:			
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DRAWN	W. Rogulski	17/05/2022	
CHK'D	T. Colquhoun	24/05/2022	
APPV'D	H. Wallace	24/05/2022	
STATUS:			

TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 750mm Posts General Arrangement			
DWG NO.	SD-RB-01009	REVISION:	SHEET SIZE
WEIGHT:	1775.3kg	SCALE:	1:25
DO NOT SCALE DRAWING		SHEET	1 of 3

NOTES:

1. The W-Beam guardrail panel may be bolted to the Post using a M16x32mm, M16x50mm or M16x40 Hex Drive, Mushroom Head Bolt, with a standard or oversize M16 Hex Nut.
2. Anchor assembly to comprise one of the following options:
 - a. Four (4) off M20x187mm Galvanised Fischer FBN II (as shown). Minimum embedment depth of 125mm, each anchor torqued to 200Nm.
 - b. Four (4) off M20 Galvanised Rods Class 8.8. Minimum embedment depth of 170mm, secured with Fischer FIS SB 390 S. Each anchor torqued to 120Nm.



MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 750mm 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	17/05/2022			SD-RB-01009	D	A4
CHK'D	T. Colquhoun	24/05/2022					
APPV'D	H. Wallace	24/05/2022					
STATUS:							
APPROVED			WEIGHT: 1775.3kg	DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 2 of 3	

NOTES:

1. The W-Beam guardrail panel may be bolted to the Post using a M16x32mm, M16x50mm or M16x40 Hex Drive, Mushroom Head Bolt, with a standard or oversize M16 Hex Nut.
2. Anchor assembly to comprise one of the following options:
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 - b. Four (4) off M20 Galvanised Rods Class 8.8. Minimum embedment depth of 170mm, secured with Fischer FIS SB 390 S. Each anchor torqued to 120Nm.

ISOMETRIC VIEW

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	17/05/2022
CHK'D	T. Colquhoun	24/05/2022
APPV'D	H. Wallace	24/05/2022



SafeDirection
CRASH BARRIER SOLUTIONS

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

THIRD ANGLE
PROJECTION

APPROVED

TITLE: Road Barriers - RamShield® W-Beam RamShield® W-Beam, 2m Ctrs, 750mm Posts General Arrangement			
DWG NO.	SD-RB-01009	REVISION:	SHEET
WEIGHT: 1775.3kg	DO NOT SCALE DRAWING	SCALE: 1:15	3 of 3