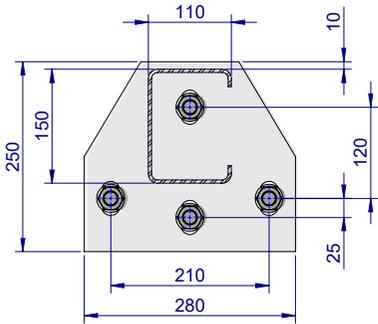


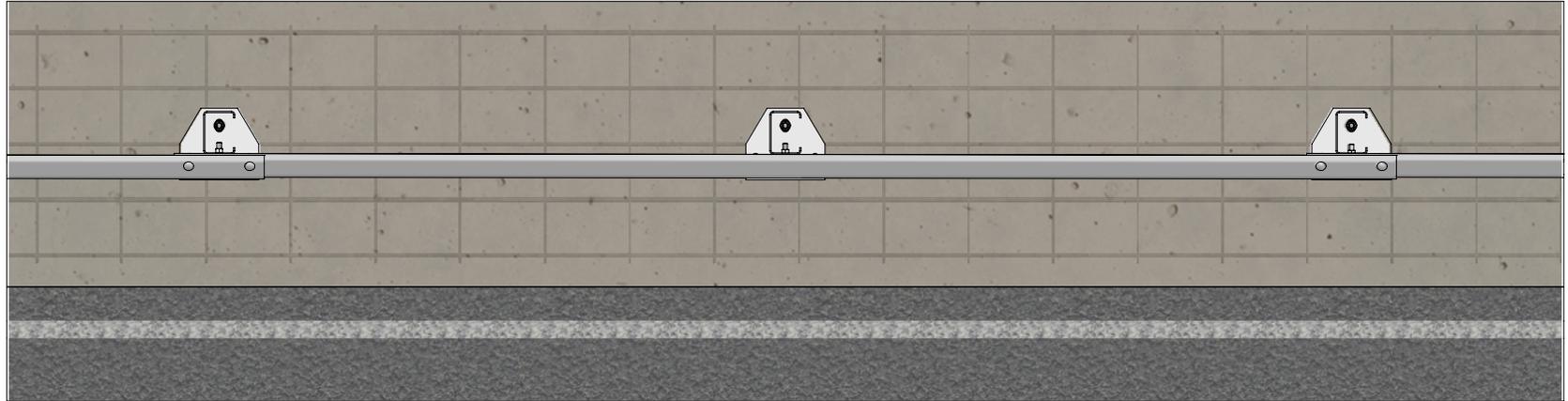
NOTES:

1. The Thrie-Beam guardrail panel is punched at 1m centres to facilitate attachment of BikerShield motorcycle protection barrier.
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 Hilti HIT-HY 200-R V3. Each anchor torqued to 150Nm.

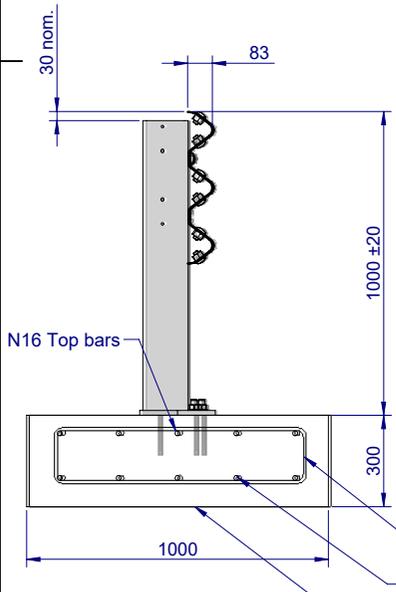
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
B		REVISION UPDATED		HW
C		Item 1, updated (PG > PB)	11/11/2022	HW
D		M16 Nuts changed from Oversize to Standard	21/02/2023	HW
E		Item 3 changed to GR-FS-16-0050-MG	19/05/2023	HW
F		Updated NOTES, #2. a.	09/04/2025	HW



SECTION A-A
SCALE 1:10
POST & BASE PLATE
DETAIL
FOOTINGS HIDDEN FOR CLARITY

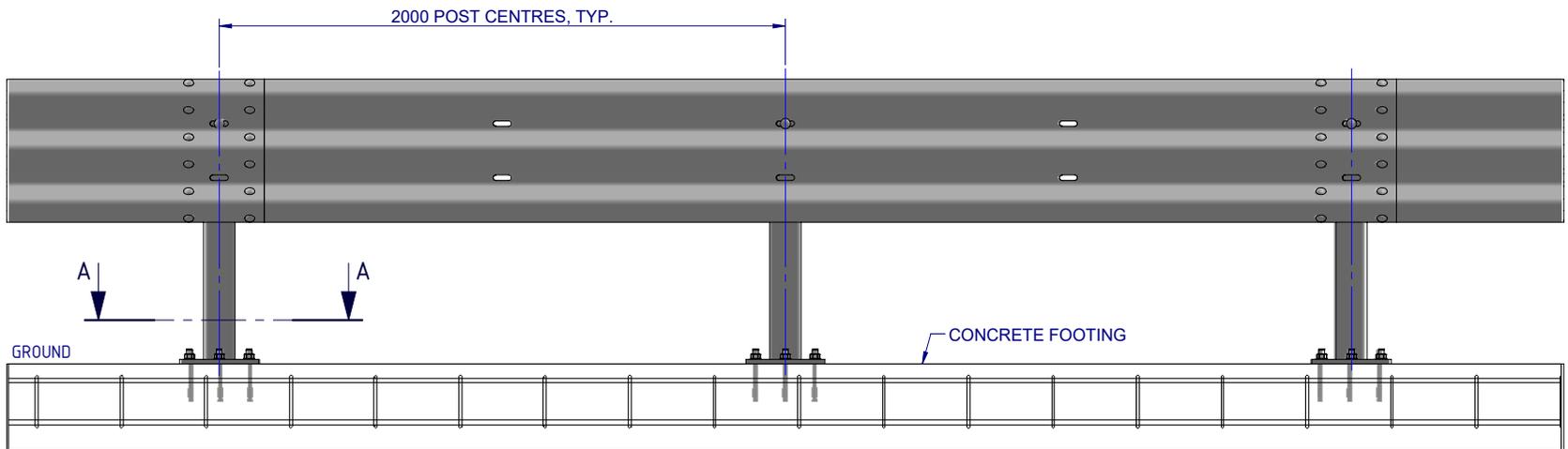


PLAN VIEW



SIDE ELEVATION
TYPICAL CONCRETE STRIP
FOOTING DETAIL
(Ref. SD Drawing SD-RB-02018)

32 MPa CONCRETE
Top cover minimum 40mm
Bottom & side cover minimum 75mm



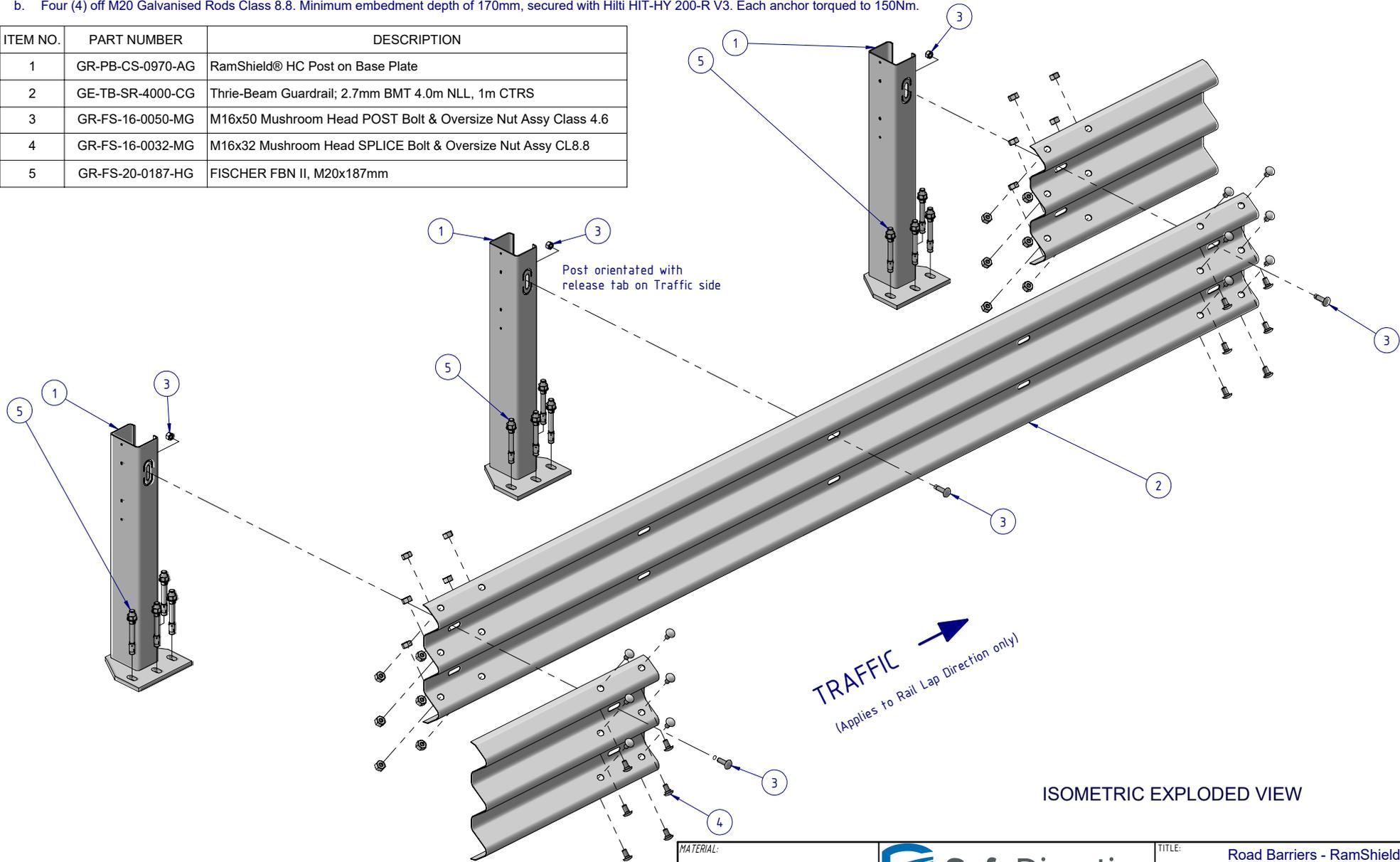
FRONT ELEVATION

MATERIAL:			 <p>SafeDirection CRASH BARRIER SOLUTIONS</p>	TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 1m Post Hole Ctrs General Arrangement			
FINISH:				DWG NO. SD-RB-02015			
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			REVISION	SHEET SIZE
DRAWN	W. Rogulski	18/07/2022				F	A4
CHK'D	T. Colquhoun	18/07/2022					
APPV'D		18/07/2022					
STATUS: Approved			WEIGHT: 1827.9kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 1 of 3	

NOTES:

1. The Thrie-Beam guardrail panel is punched at 1m centres to facilitate attachment of BikerShield motorcycle protection barrier.
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 Hilti HIT-HY 200-R V3. Each anchor torqued to 150Nm.

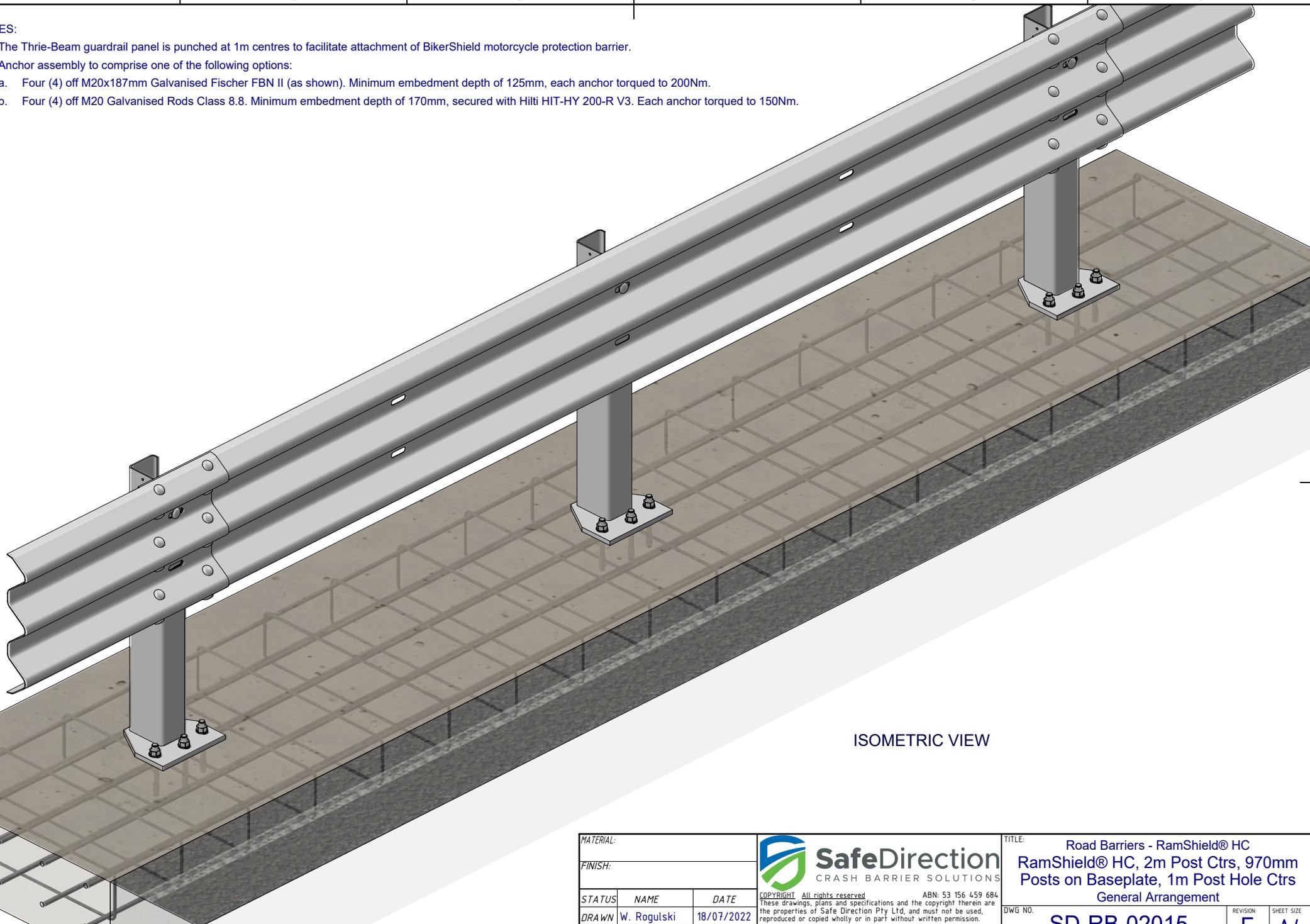
ITEM NO.	PART NUMBER	DESCRIPTION
1	GR-PB-CS-0970-AG	RamShield® HC Post on Base Plate
2	GE-TB-SR-4000-CG	Thrie-Beam Guardrail; 2.7mm BMT 4.0m NLL, 1m CTRS
3	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6
4	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8
5	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm



MATERIAL:			 CRASH BARRIER SOLUTIONS		TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 1m Post Hole Ctrs General Arrangement		
FINISH:					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.		
STATUS	NAME	DATE	U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm		DWG NO. SD-RB-02015	REVISION: F	SHEET SIZE: A4
DRAWN	W. Rogulski	18/07/2022	THIRD ANGLE PROJECTION		WEIGHT: 1827.9kg		SCALE: 1:20
CHK'D	T. Colquhoun	18/07/2022			STATUS: Approved		SHEET 2 of 3
APPV'D		18/07/2022			DO NOT SCALE DRAWING		Friday, 19 May 2023 2:23:19 PM

NOTES:

1. The Thrie-Beam guardrail panel is punched at 1m centres to facilitate attachment of BikerShield motorcycle protection barrier.
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 Hilti HIT-HY 200-R V3. Each anchor torqued to 150Nm.



ISOMETRIC VIEW

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 1m Post Hole Ctrs General Arrangement		
FINISH:				DWG NO. SD-RB-02015 REVISION: F 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			
DRAWN	W. Rogulski	18/07/2022				
CHK'D	T. Colquhoun	18/07/2022				
APPV'D		18/07/2022				
STATUS: Approved			WEIGHT: 1827.9kg	DO NOT SCALE DRAWING	SCALE: 1:15	SHEET 3 of 3