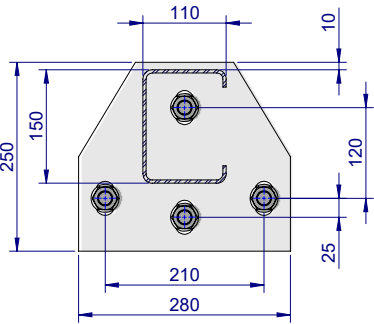
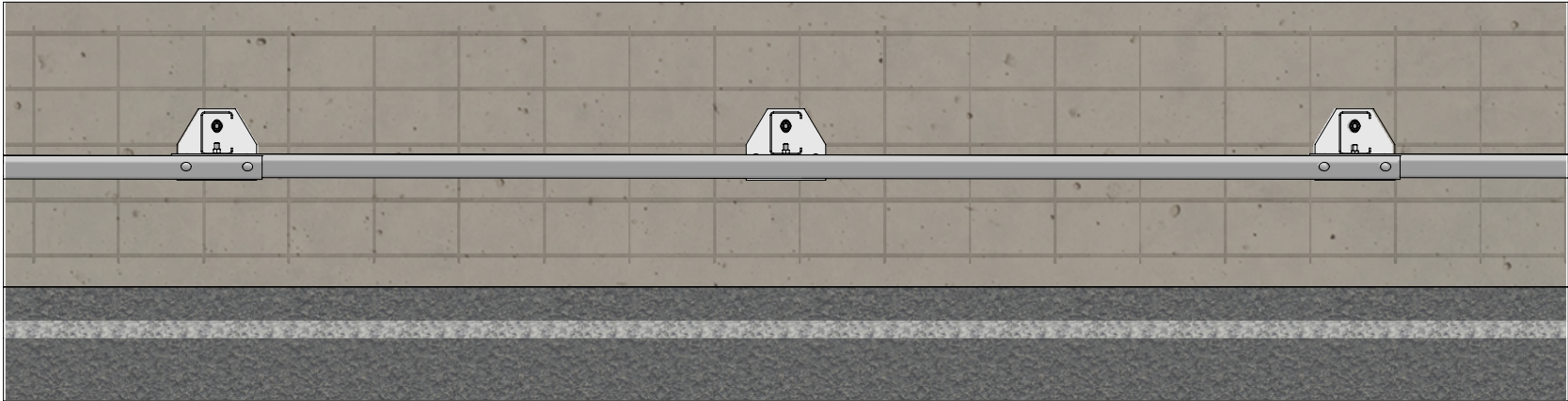


- NOTES:
1. Anchor assembly to comprise one of the following options:
- a. Four (4) off M20x187mm Galvanised Fischer FBN II (as shown). Minimum embedment depth of 125mm, each anchor torqued to 200Nm.
  - b. Four (4) off M20 Galvanised Rods Class 8.8. Minimum embedment depth of 170mm, secured with Hilti HIT-HY 200-R V3. Each anchor torqued to 150Nm.

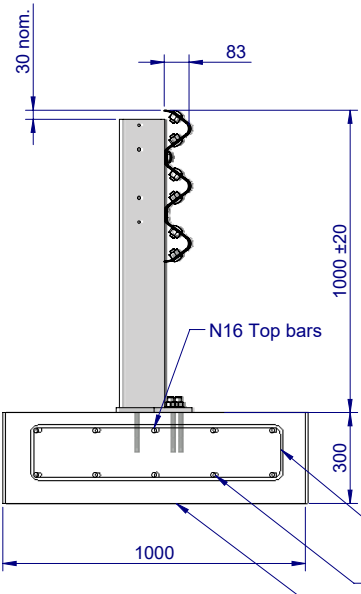
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
C		Item 1 updated (PG > PB)	11/11/2022	HW
D		M16 Nuts changed from Oversize to Standard	21/02/2023	HW
E		Updated concrete footing details		HW
F		Item 3 changed to GR-FS-16-0050-MG	19/05/2023	HW
G		Updated NOTES, #2. a.	09/04/2025	HW



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

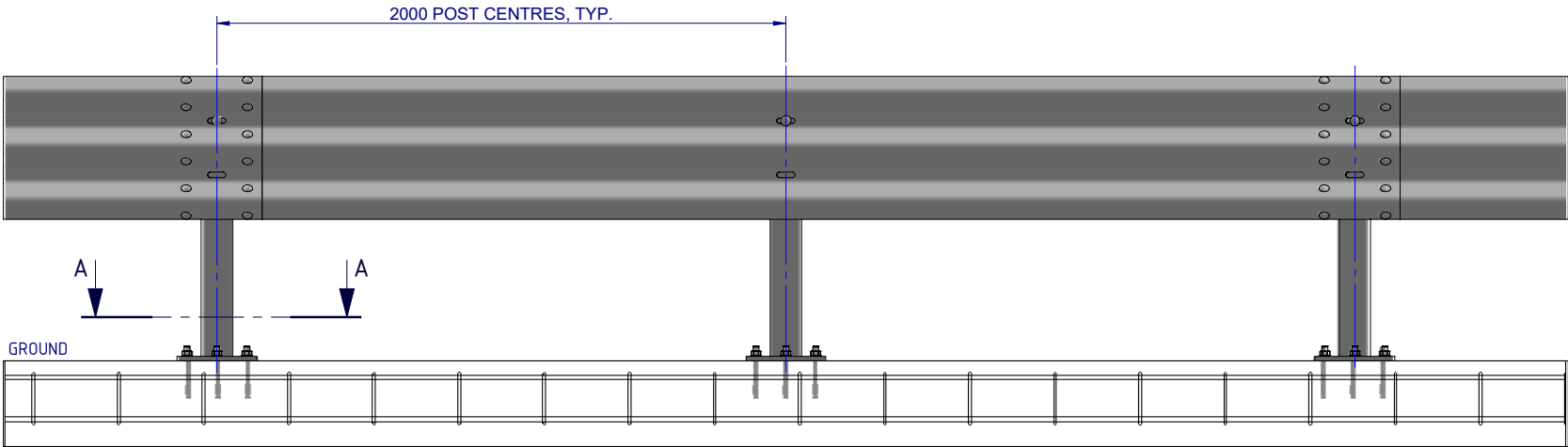


PLAN VIEW





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

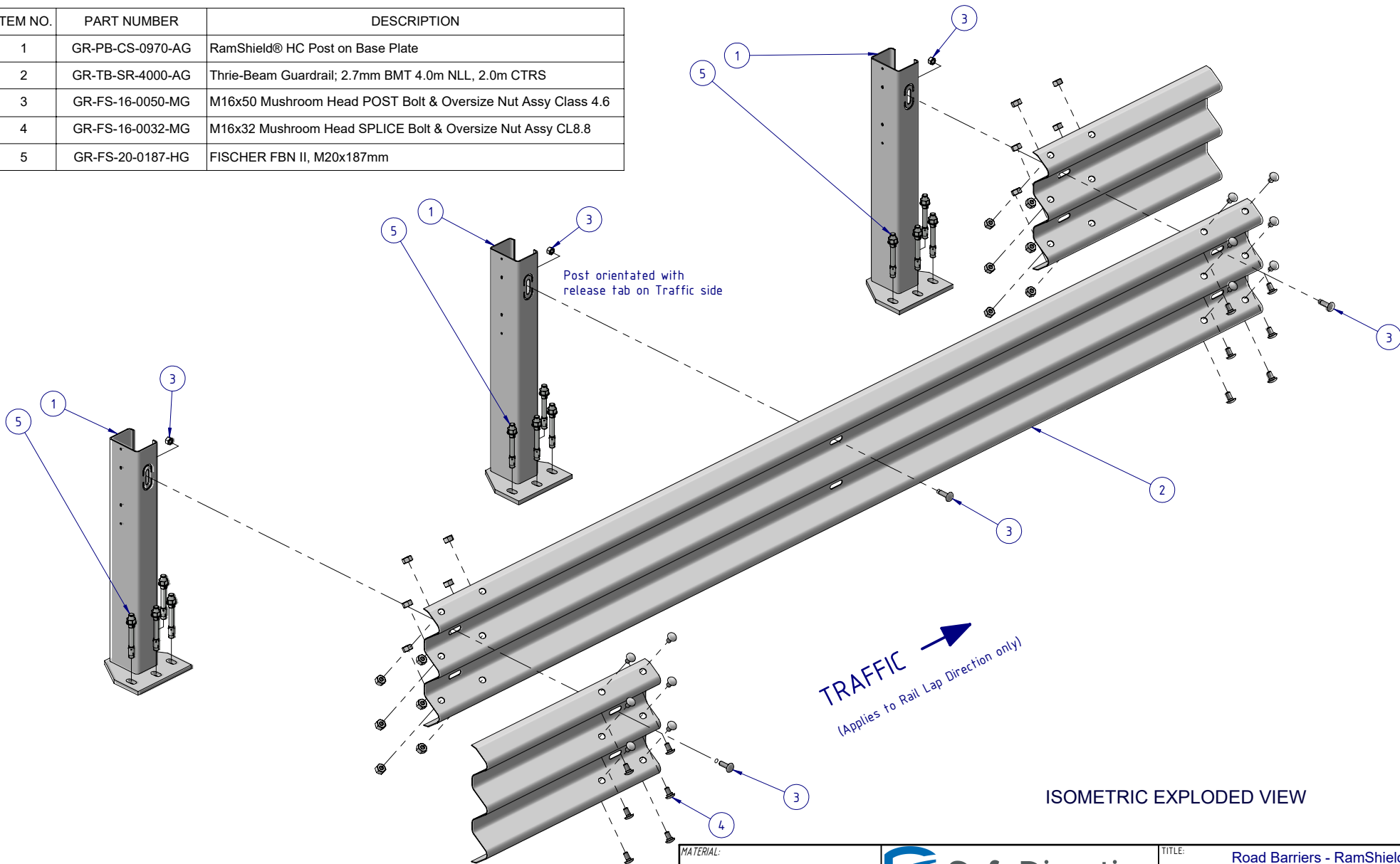




FRONT ELEVATION

MATERIAL:			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS	TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 2m Post Hole Ctrs General Arrangement			
FINISH:				DWG NO. SD-RB-02017 REVISION: G SHEET SIZE: A4			
STATUS	NAME	DATE	<small>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</small>  <b>THIRD ANGLE PROJECTION</b>				
DRAWN	W. Rogulski	18/07/2022					
CHK'D	T. Colquhoun	18/07/2022					
APPV'D	H. Wallace	18/07/2022					
STATUS: <b>Approved</b>			WEIGHT: 1828.0kg		DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 1 of 3

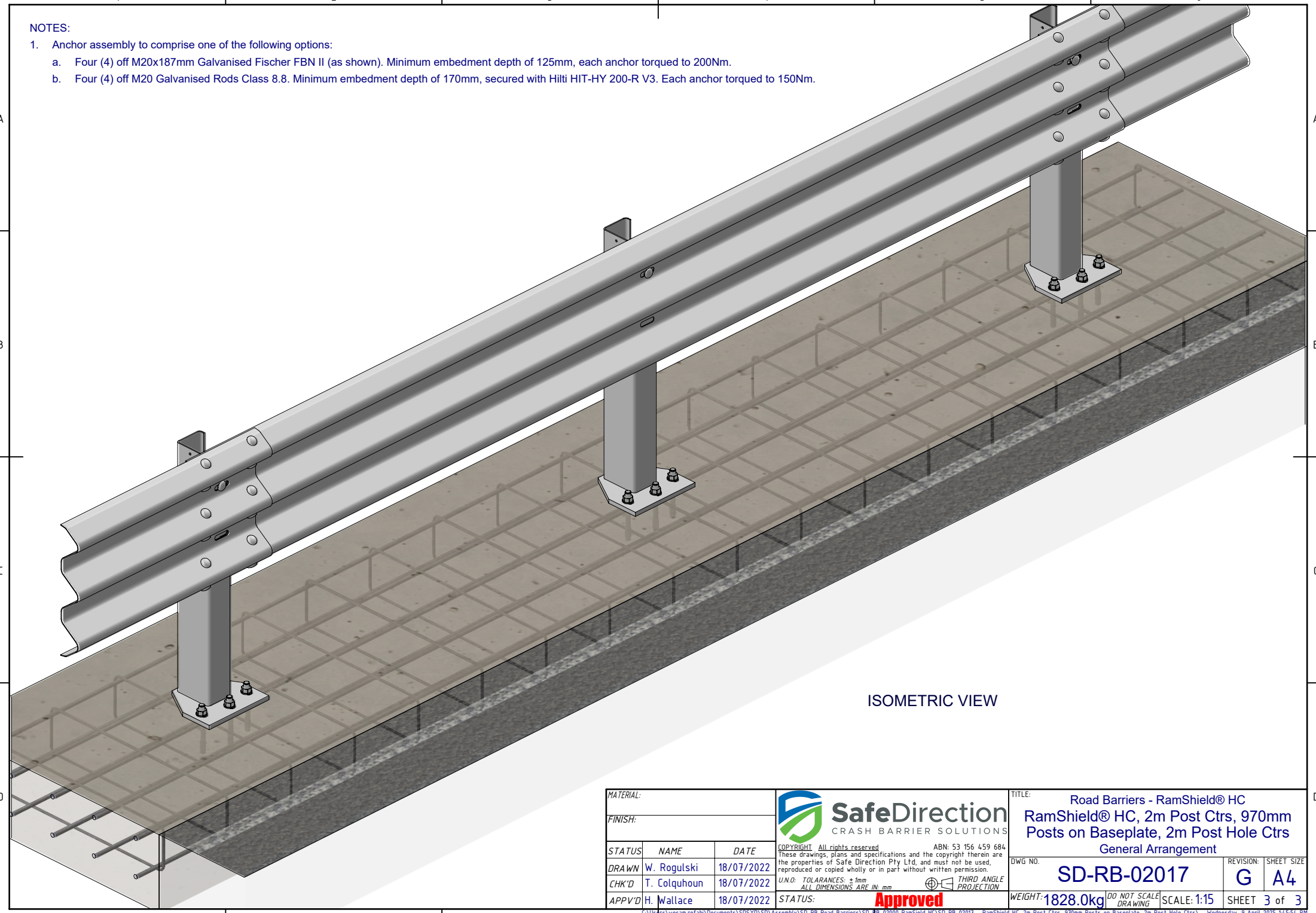
- NOTES:
1. Anchor assembly to comprise one of the following options:
- a. Four (4) off M20x187mm Galvanised Fischer FBN II (as shown). Minimum embedment depth of 125mm, each anchor torqued to 200Nm.
  - b. Four (4) off M20 Galvanised Rods Class 8.8. Minimum embedment depth of 170mm, secured with Hilti 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	GR-TB-SR-4000-AG	Thrie-Beam Guardrail; 2.7mm BMT 4.0m NLL, 2.0m 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:			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS	TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 2m Post Hole Ctrs General Arrangement			
FINISH:				DWG NO. <b>SD-RB-02017</b> REVISION: <b>G</b> SHEET SIZE: <b>A4</b>			
STATUS	NAME	DATE	<div><div>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</div><div>THIRD ANGLE PROJECTION</div></div> <div><b>Approved</b></div>				
DRAWN	W. Rogulski	18/07/2022					
CHK'D	T. Colquhoun	18/07/2022					
APPV'D	H. Wallace	18/07/2022					
STATUS:			WEIGHT: <b>1828.0kg</b> DO NOT SCALE DRAWING SCALE: <b>1:20</b> SHEET <b>2 of 3</b>				

- NOTES:
- 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 Hilti HIT-HY 200-R V3. Each anchor torqued to 150Nm.



ISOMETRIC VIEW

MATERIAL:			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS		TITLE: Road Barriers - RamShield® HC RamShield® HC, 2m Post Ctrs, 970mm Posts on Baseplate, 2m Post Hole Ctrs General Arrangement			
FINISH:					DWG NO. SD-RB-02017		REVISION: G	SHEET SIZE A4
STATUS	NAME	DATE	<small>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</small>  THIRD ANGLE PROJECTION					
DRAWN	W. Rogulski	18/07/2022						
CHK'D	T. Colquhoun	18/07/2022						
APPV'D	H. Wallace	18/07/2022						
STATUS:			<b>Approved</b>		WEIGHT: 1828.0kg	DO NOT SCALE DRAWING	SCALE: 1:15	SHEET 3 of 3