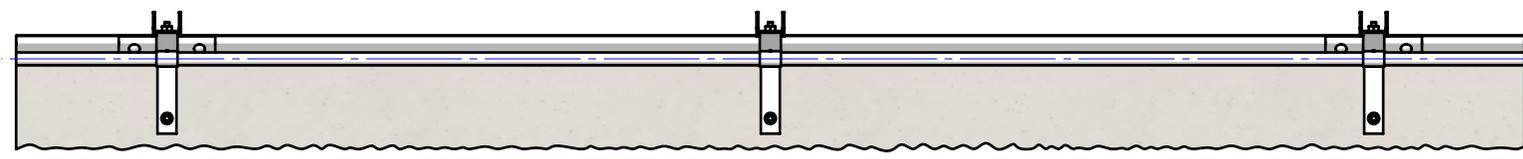


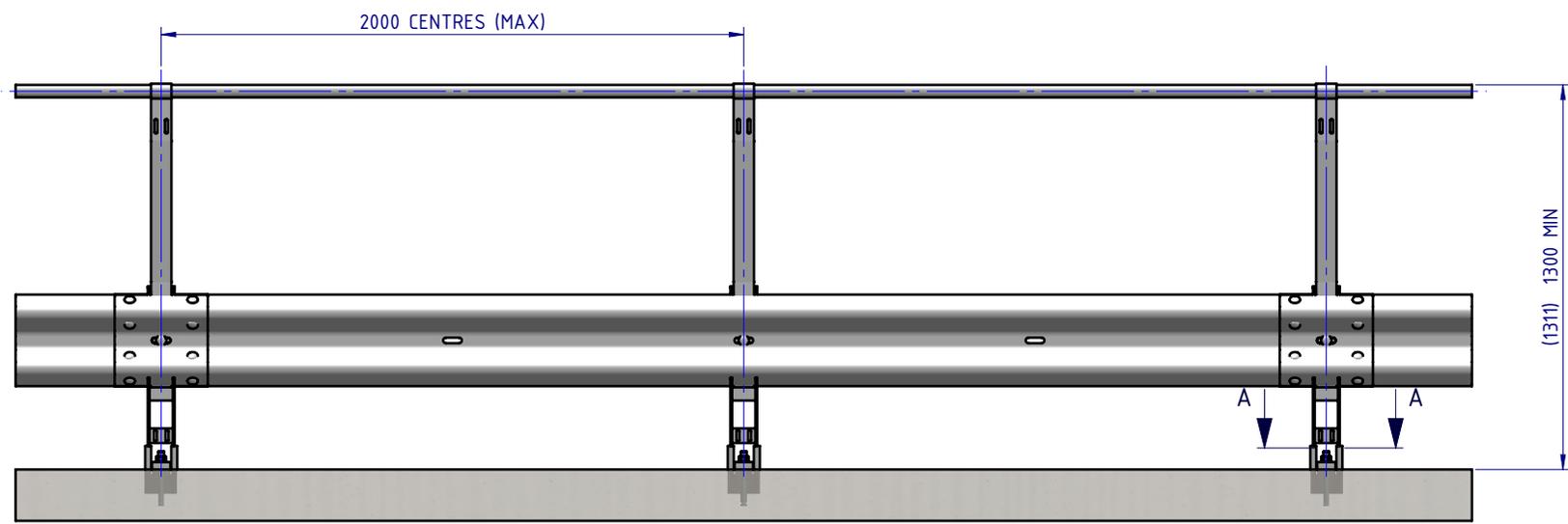
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.
2000 kg	12 km/h	0.5 m	11.7 kJ	6 m w-beam supported by four (4) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-034	04/05/2022	HW
B		PERFORMANCE & INSTALLATION REQ. TABLES ADDED	23/02/2026	HW

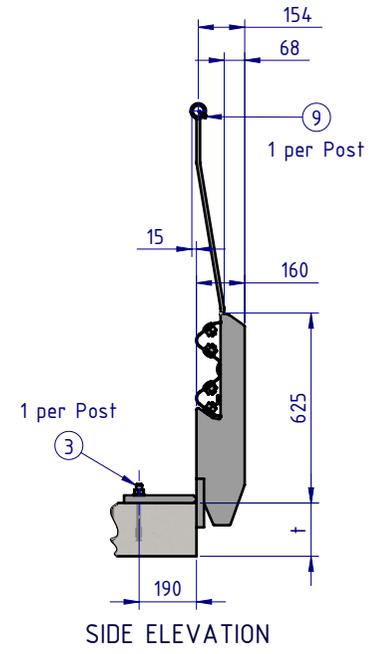
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm



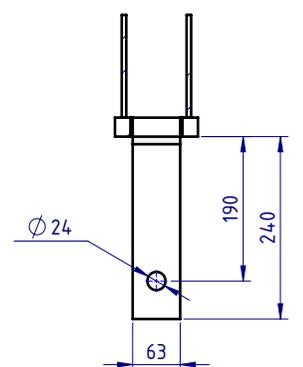
PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION



SECTION A-A
BASE PLATE DETAIL
SCALE 1:10

BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-IS-0700-AG	Rhino-Stop® Sky Edge Post	13.7
2	GR-MX-MX-1010-AG	Handrail Extension Type 6	6.6
3	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
4	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
5	HR-PI-32-6500-AG	Handrail / Sight Rail Pipe 32NB	20.1
6	GR-FS-16-0045-HG	M16x45 Hex Head Bolt & Nut Assy	0.0
7	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
8	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2
9	GR-FS-14-0025-TG	14g x 25mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	

MATERIAL:		 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 5 GuardRail & Sight Rail General Arrangement	
FINISH:			DWG NO. SD-CP-02005 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.	
DRAWN	W. Rogulski	21/04/2022	WEIGHT: 388.3kg DO NOT SCALE DRAWING SCALE: 1:25 SHEET 1 of 3	
CHK'D	T. Colquhoun	23/02/2026	U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm THIRD ANGLE PROJECTION	
APPV'D	H. Wallace	23/02/2026	STATUS: APPROVED	

1 2 3 4 5 6

A

B

C

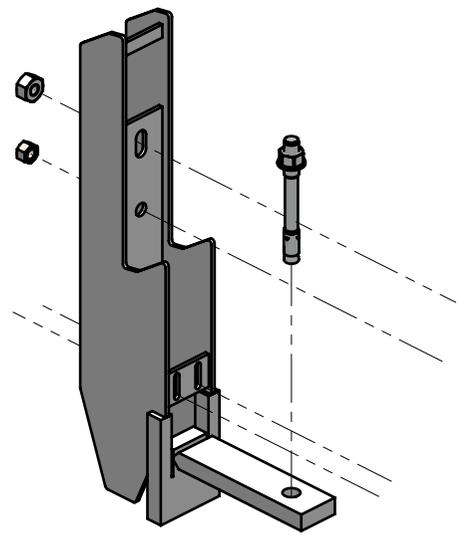
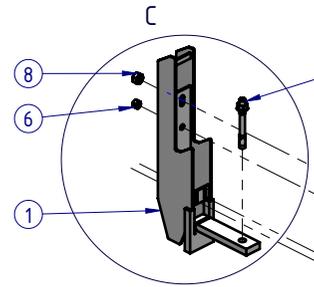
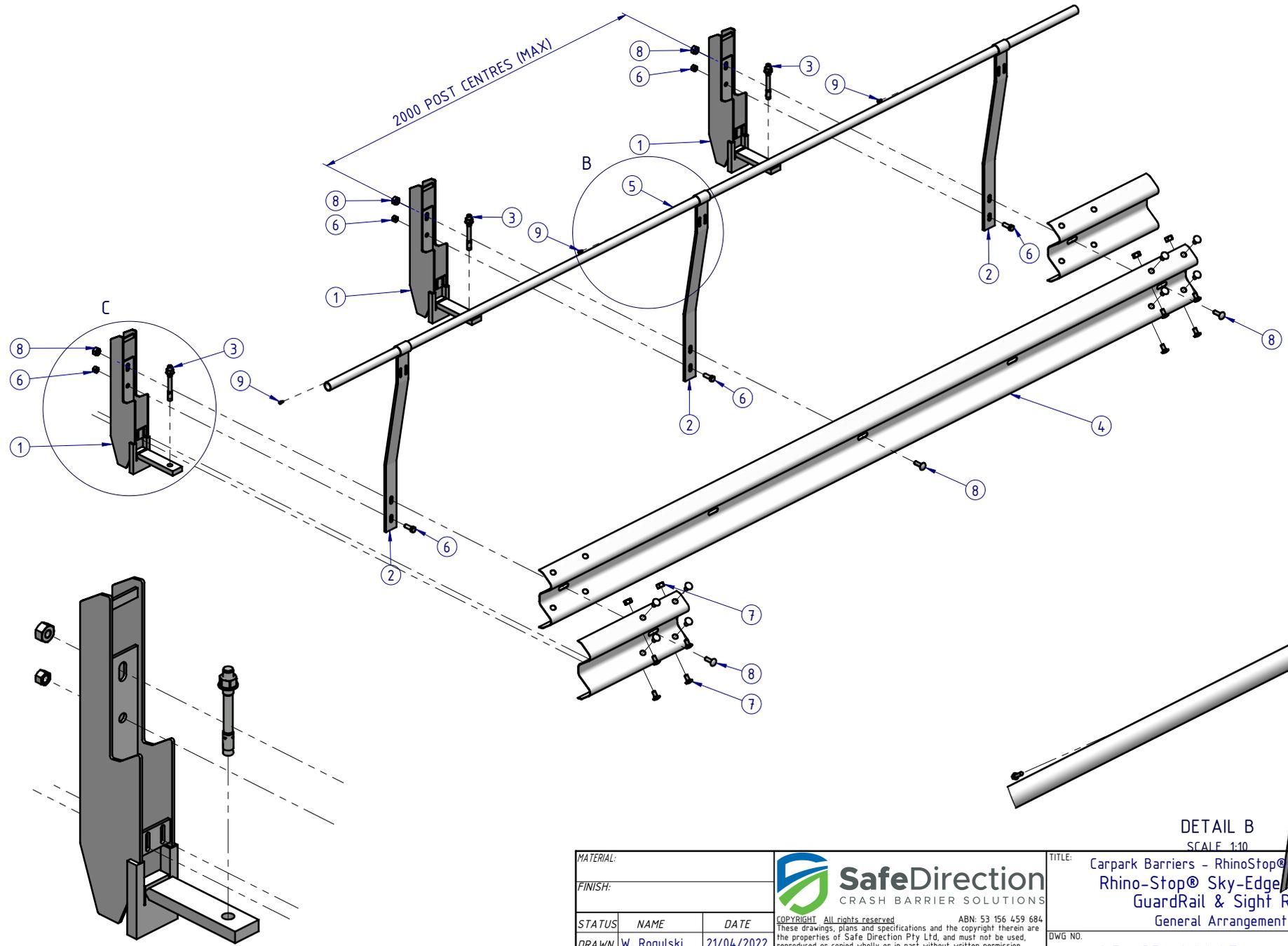
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A

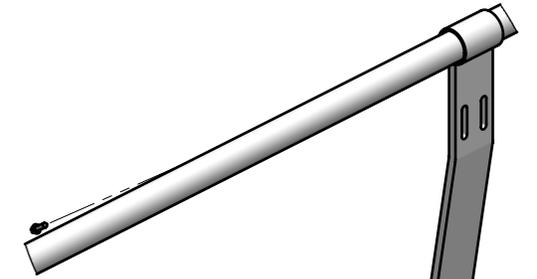
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C

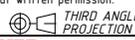
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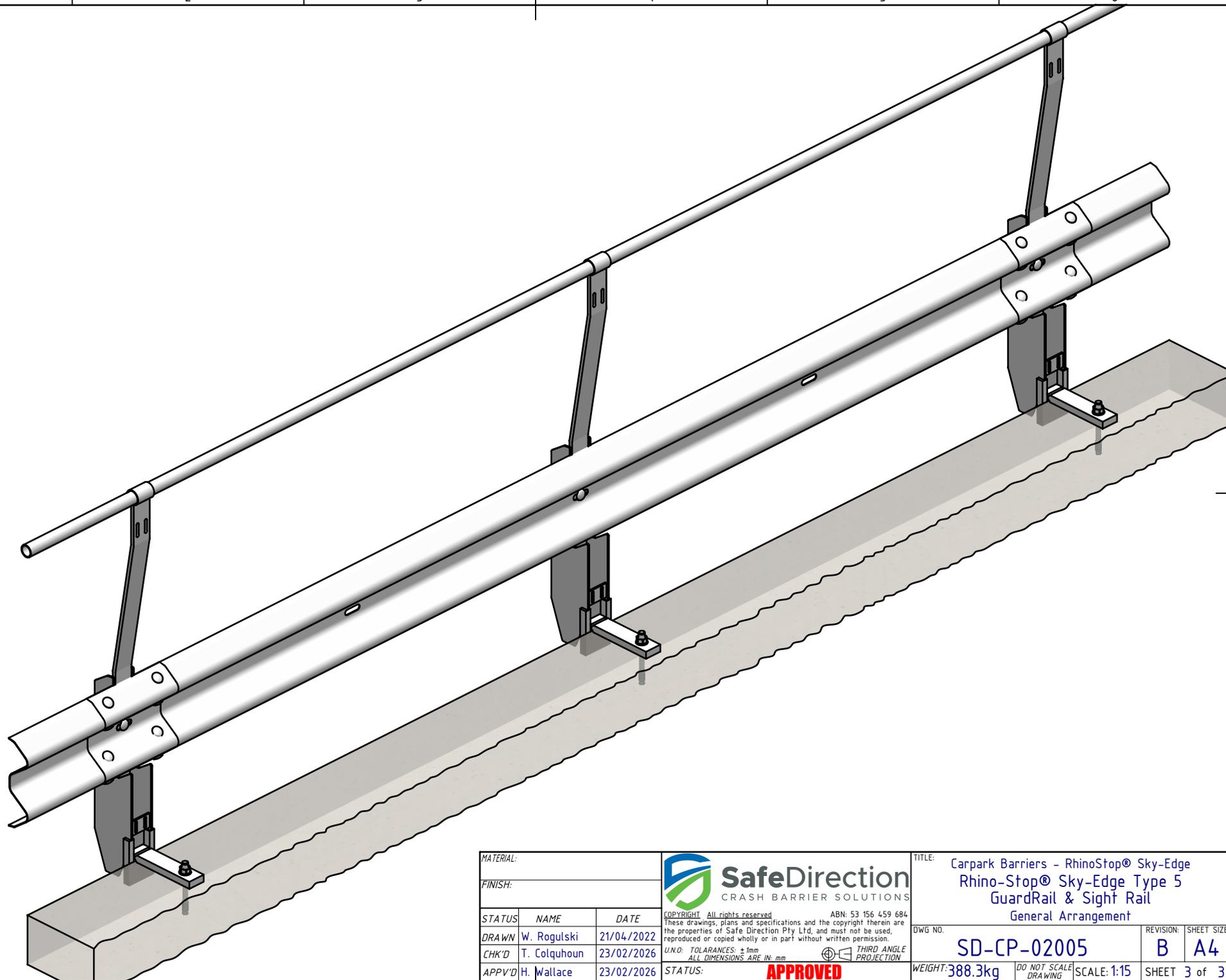
DETAIL C
SCALE 1:10



DETAIL B
SCALE 1:10

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 5 GuardRail & Sight Rail General Arrangement		
FINISH:				<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.</small>		
STATUS	NAME	DATE	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>  THIRD ANGLE PROJECTION	DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	21/04/2022		SD-CP-02005	B	A4
CHK'D	T. Colquhoun	23/02/2026				
APPV'D	H. Wallace	23/02/2026				
STATUS: APPROVED			WEIGHT: 388.3kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 2 of 3

1 2 3 4 5 6



MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	21/04/2022
CHK'D	T. Colquhoun	23/02/2026
APPV'D	H. Wallace	23/02/2026

SafeDirection
CRASH BARRIER SOLUTIONS

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

APPROVED

TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 5 GuardRail & Sight Rail General Arrangement			
DWG NO:	REVISION:	SHEET SIZE	
SD-CP-02005	B	A4	
WEIGHT: 388.3kg	DO NOT SCALE DRAWING	SCALE: 1:15	SHEET 3 of 3