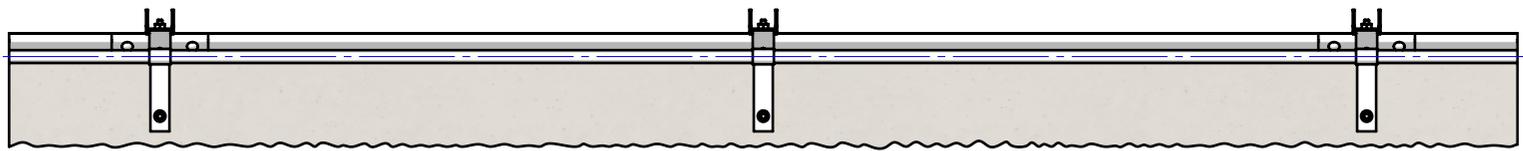


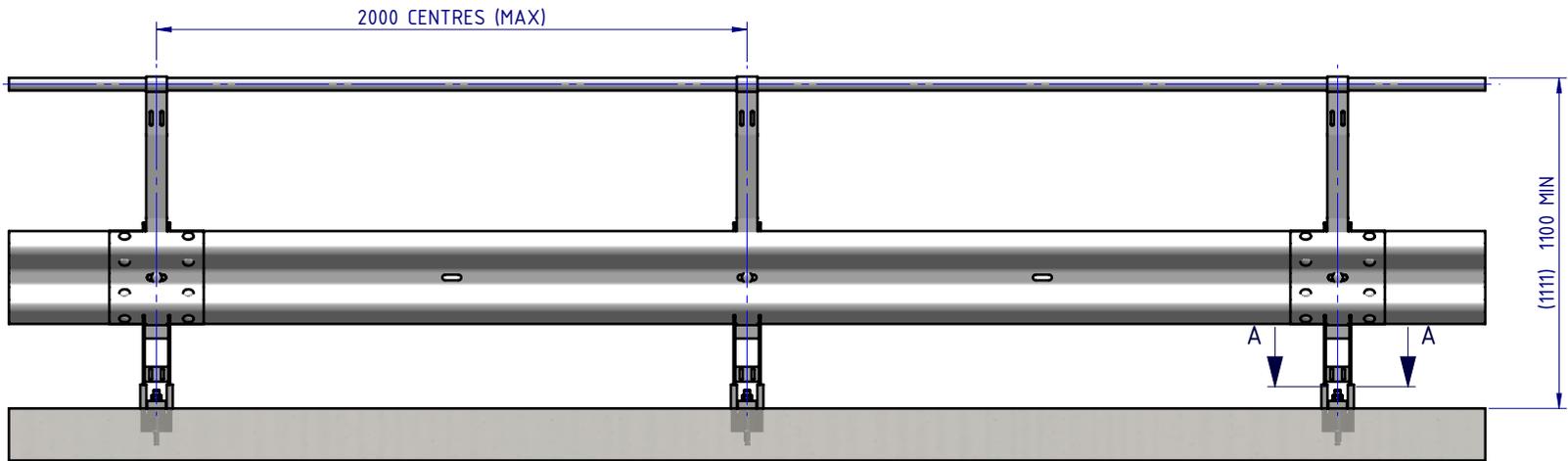
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.
2000 kg	12 km/h	0.5 m	11.7 kJ	6 m w-beam supported 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-032	04/05/2022	HW
B		PERFORMANCE & INSTALLATION REQ. TABLES ADDED	23/02/2026	HW

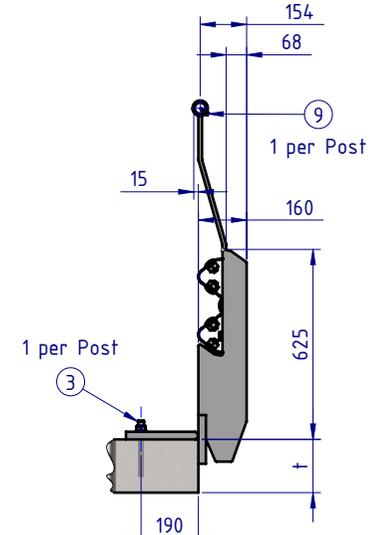
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm



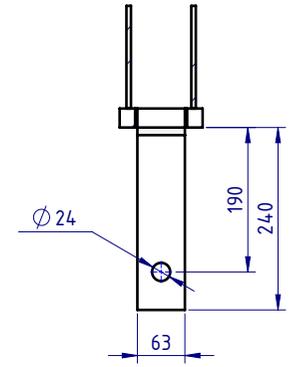
PLAN VIEW



FRONT ELEVATION



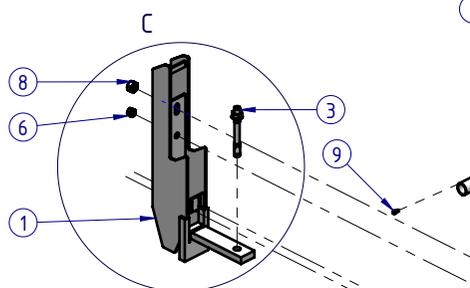
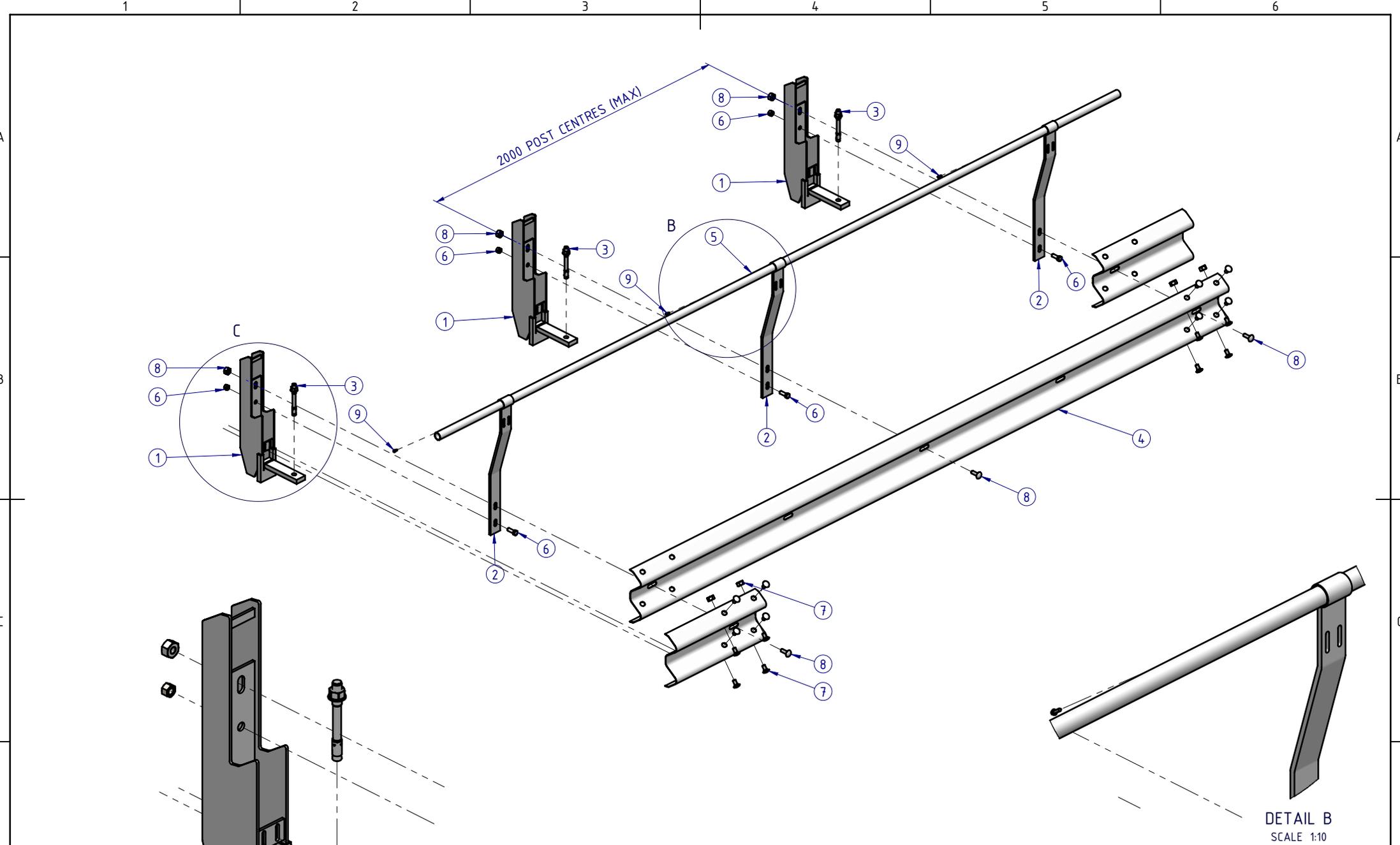
SIDE ELEVATION



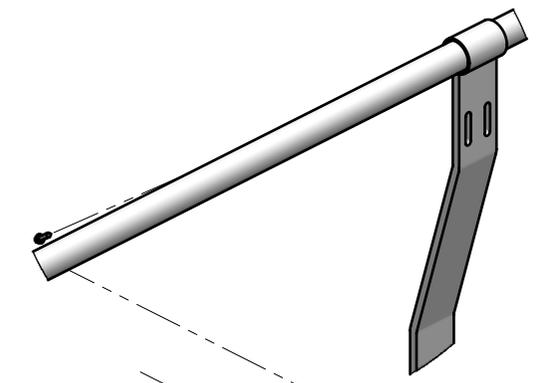
SECTION A-A  
BASE PLATE DETAIL  
SCALE 1:10

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-0800-AG	Handrail Extension Type 4	5.3
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: AS NOTED ON DRAWING		 <p><b>SafeDirection</b> CRASH BARRIER SOLUTIONS</p>	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 3 GuardRail & Nearside Balustrade General Arrangement																	
FINISH:			DWG NO. SD-CP-02003																	
<table border="1"> <thead> <tr> <th>STATUS</th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>W. Rogulski</td> <td>21/04/2022</td> </tr> <tr> <td>CHK'D</td> <td>T. Colquhoun</td> <td>23/02/2026</td> </tr> <tr> <td>APPV'D</td> <td>H. Wallace</td> <td>23/02/2026</td> </tr> </tbody> </table>		STATUS	NAME	DATE	DRAWN	W. Rogulski	21/04/2022	CHK'D	T. Colquhoun	23/02/2026	APPV'D	H. Wallace	23/02/2026	<p>APPROVED</p>		<table border="1"> <thead> <tr> <th>REVISION</th> <th>SHEET SIZE</th> </tr> </thead> <tbody> <tr> <td>B</td> <td>A4</td> </tr> </tbody> </table>	REVISION	SHEET SIZE	B	A4
STATUS	NAME	DATE																		
DRAWN	W. Rogulski	21/04/2022																		
CHK'D	T. Colquhoun	23/02/2026																		
APPV'D	H. Wallace	23/02/2026																		
REVISION	SHEET SIZE																			
B	A4																			
<p>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</p>		<p>THIRD ANGLE PROJECTION</p>		<p>WEIGHT: 384.5kg</p>																
<p>SCALE: 1:25</p>		<p>SHEET 1 of 3</p>		<p>DATE: 23 February 2026 3:21:54 PM</p>																

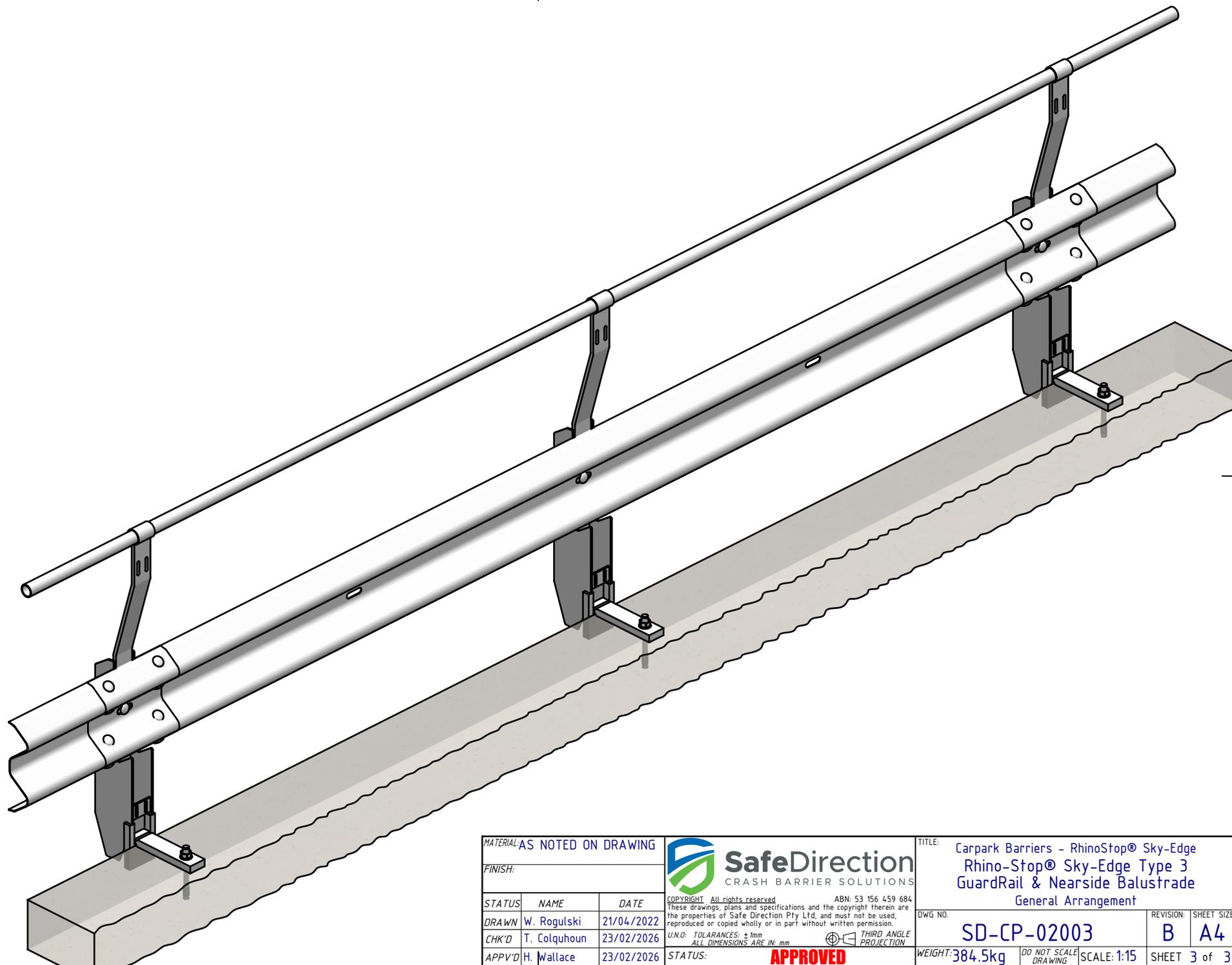


DETAIL C  
SCALE 1:10



DETAIL B  
SCALE 1:10

MATERIAL: AS NOTED ON DRAWING			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 3 GuardRail & Nearside Balustrade General Arrangement					
FINISH:				<small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684</small> <small>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</small> <small>ALL DIMENSIONS ARE IN: mm</small>			DWG NO.	REVISION:	SHEET SIZE	
DRAWN	W. Rogulski	21/04/2022	<small>THIRD ANGLE PROJECTION</small>			SD-CP-02003	B	A4	
CHK'D	T. Colquhoun	23/02/2026							
APPV'D	H. Wallace	23/02/2026	STATUS: <b>APPROVED</b>			WEIGHT: 384.5kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 2 of 3



MATERIAL: AS NOTED ON DRAWING

FINISH:

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



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

TITLE: Carpark Barriers - RhinoStop® Sky-Edge  
Rhino-Stop® Sky-Edge Type 3  
GuardRail & Nearside Balustrade  
General Arrangement

DWG NO.	REVISION:	SHEET SIZE
SD-CP-02003	B	A4
WEIGHT: 384.5kg	DO NOT SCALE DRAWING	SCALE: 1:15
STATUS: <b>APPROVED</b>		SHEET 3 of 3