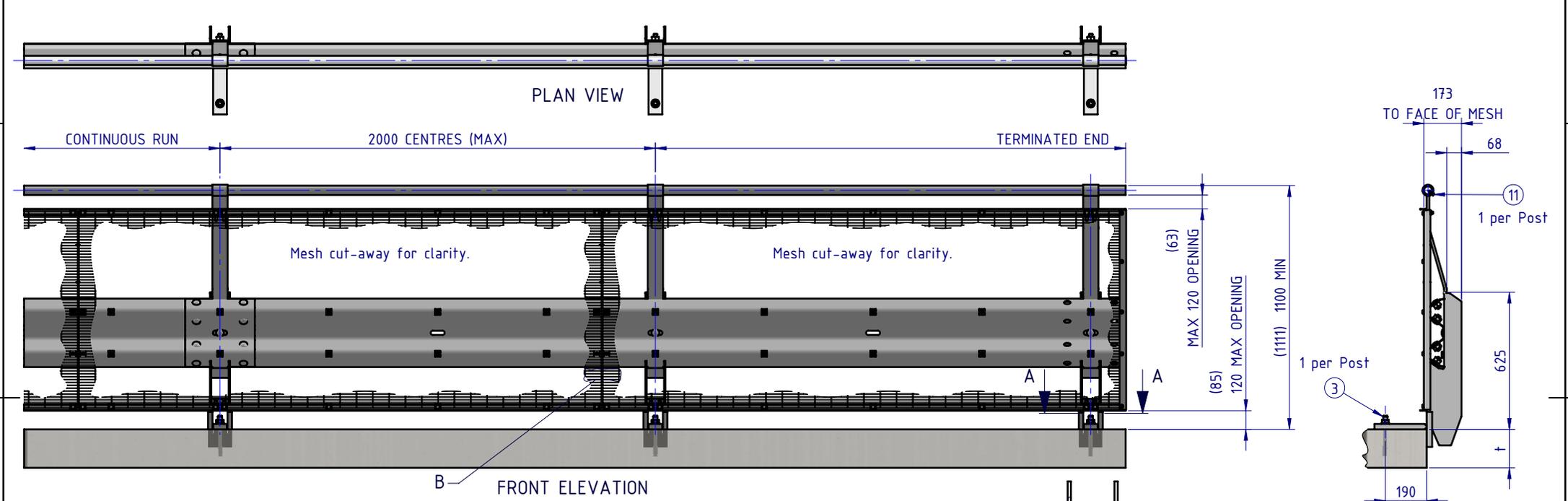


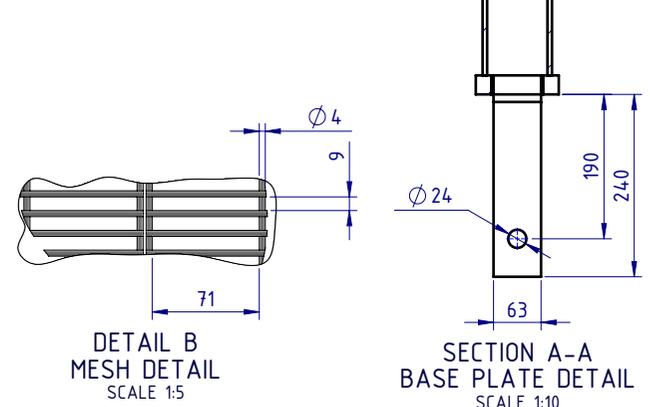
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.
2000 kg	12 km/h	0.5 m	11.7 kJ	6 m w-beam supported 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-033	04/05/2022	HW
B		PERFORMANCE & INSTALLATION REQ. TABLES ADDED	23/02/2026	HW

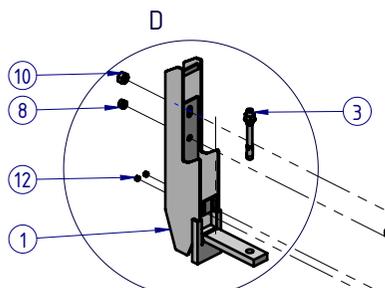
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm



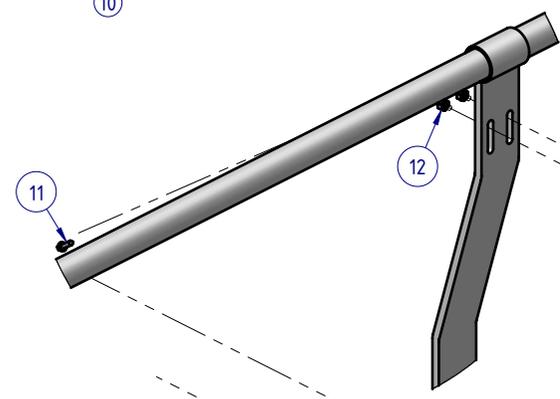
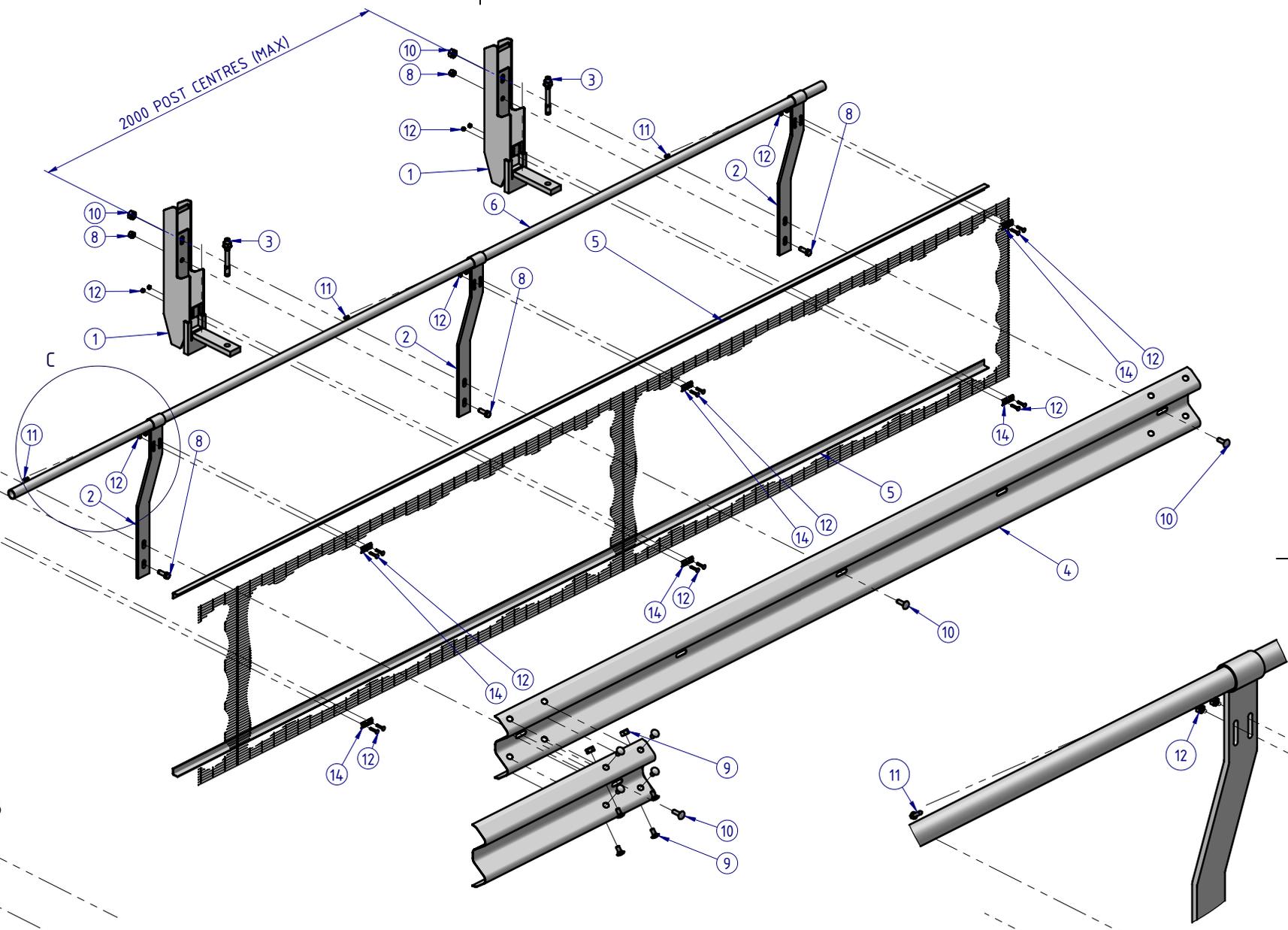
BOM			
ITEM NO.	PART NUMBER	Description	Weight kg
1	GR-PB-IS-0700-AG	Rhino-Stop® Sky Edge Post	13.7
2	GR-MX-MX-0800-AG	Handrail Extension Type 4	5.3
3	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
4	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
5	GR-EA-30-6000-BG	Mesh Support Angle	6.6
6	HR-PI-32-6500-AG	Handrail / Sight Rail Pipe 32NB	20.1
7	GR-MX-MX-2409-AG	Mesh Infill Panel 2400x900, Ø4 wire, 71x9 aparture	4.0
8	GR-FS-16-0045-HG	M16x45 Hex Head Bolt & Nut Assy	0.0
9	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
10	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2
11	GR-FS-14-0025-TG	14g x 25mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	0.0
12	GR-FS-08-0040-MG	M8x40 Mushroom Head Bolt & Nut Assy Class 4.6 HDG	0.0
13	GR-FS-08-0025-MG	M8x25 Mushroom Head Bolt & Nut Assy CL4.6 HDG	0.0
14	GR-FS-08-0000-AG	M8 Square Hole Mesh Washer	0.0
15	GR-FS-12-0035-TG	12g x 35mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	0.0
16	GR-EA-30-6000-BG	Mesh Support Angle	1.0
17	GE-FS-08-0025-HG	M8x25 Hex Head Screw Class 8.8 B Coating	
18	GE-FS-08-0000-HG	M8 Hex Nut Class5 B-Coating	



MATERIAL:		SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 4 GuardRail, Balustrade & Anti-Climb Mesh General Arrangement		
FINISH:			DWG NO: SD-CP-02004 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	U.N.O: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm		
CHK'D	T. Colquhoun	23/02/2026	THIRD ANGLE PROJECTION		
APPV'D	H. Wallace	23/02/2026	STATUS: APPROVED		
WEIGHT: 437.4kg			DO NOT SCALE DRAWING SCALE: 1:25 SHEET 1 of 5		

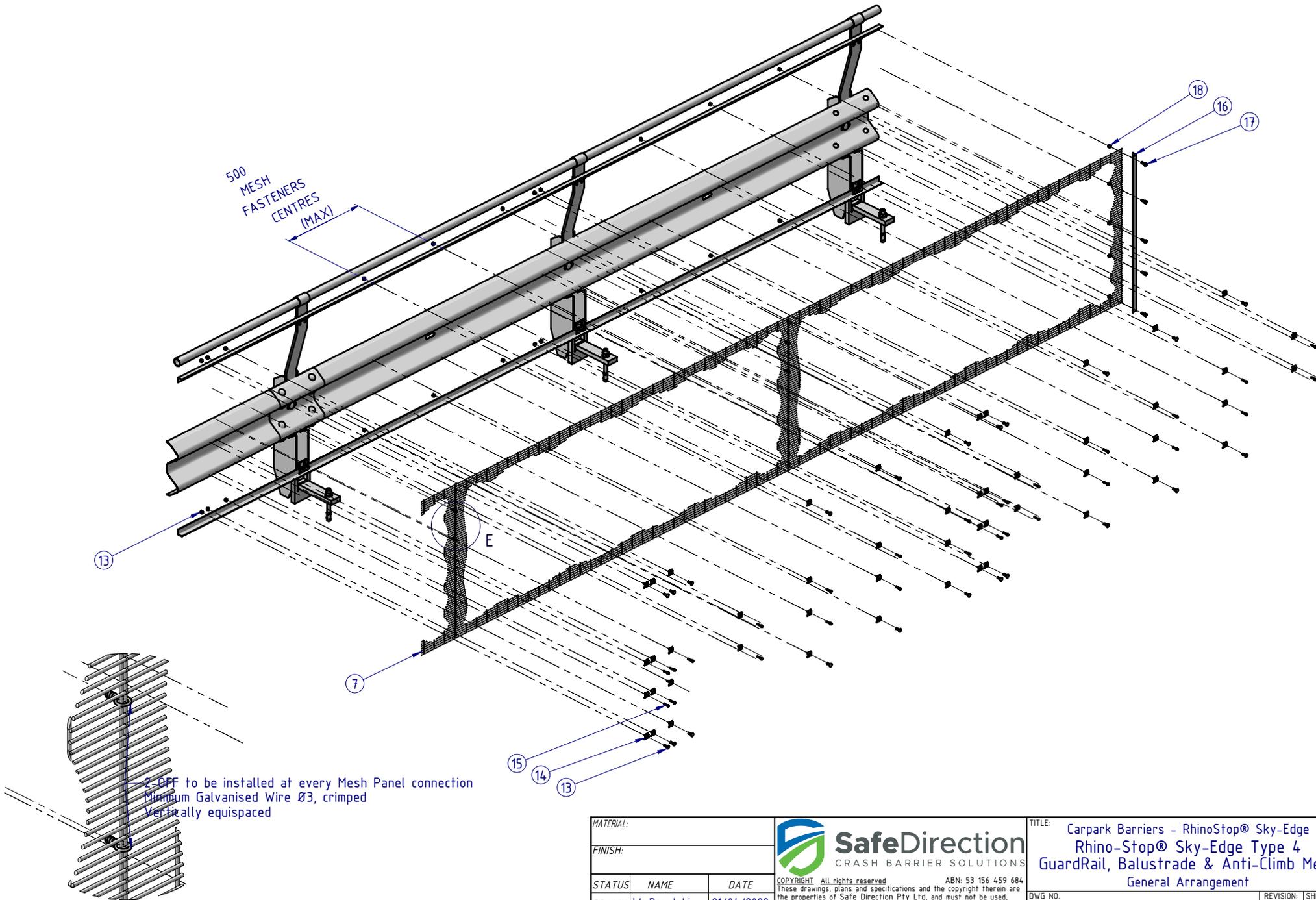


DETAIL D
SCALE 1:10



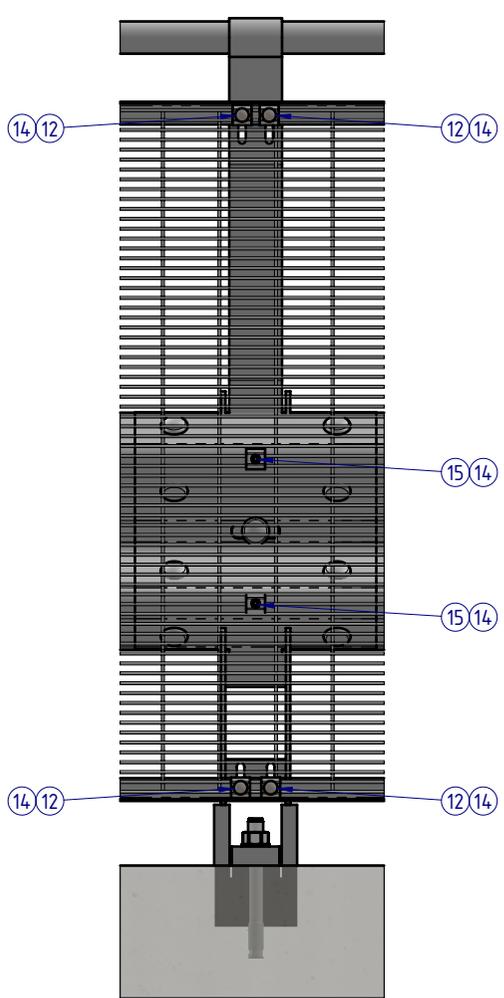
DETAIL C
SCALE 1:10

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 4 GuardRail, Balustrade & Anti-Climb Mesh General Arrangement															
FINISH:				DWG NO. SD-CP-02004															
<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	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: B SHEET SIZE: A4	
STATUS	NAME	DATE																	
DRAWN	W. Rogulski	21/04/2022																	
CHK'D	T. Colquhoun	23/02/2026																	
APPV'D	H. Wallace	23/02/2026																	
U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm			THIRDS ANGLE PROJECTION		SCALE: 1:25 SHEET 2 of 5														
STATUS: APPROVED			WEIGHT: 437.4kg		DO NOT SCALE DRAWING														

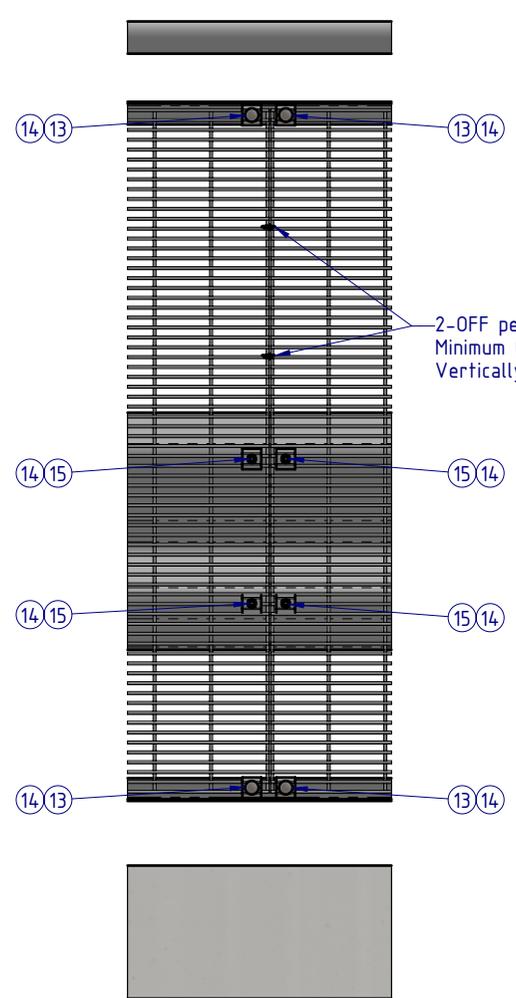


DETAIL E
SCALE 1:5

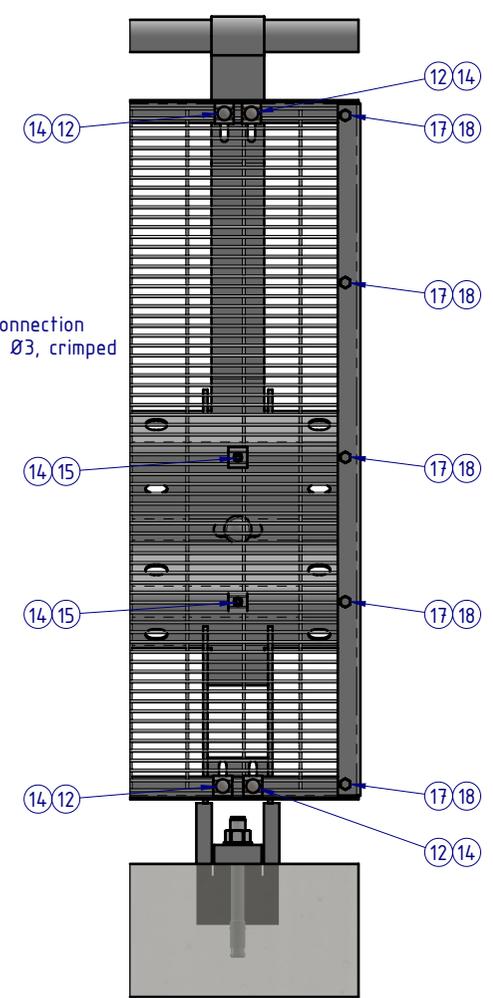
MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 4 GuardRail, Balustrade & Anti-Climb Mesh General Arrangement		
FINISH:				<small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and 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>	DWG NO. SD-CP-02004	REVISION: B
STATUS	NAME	DATE	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>	 THIRD ANGLE PROJECTION	WEIGHT: 437.4kg	DO NOT SCALE DRAWING
DRAWN	W. Rogulski	21/04/2022	STATUS: APPROVED	SCALE: 1:25	SHEET 3 of 5	
CHK'D	T. Colquhoun	23/02/2026				
APPV'D	H. Wallace	23/02/2026				



DETAIL F
AT POST CONNECTION

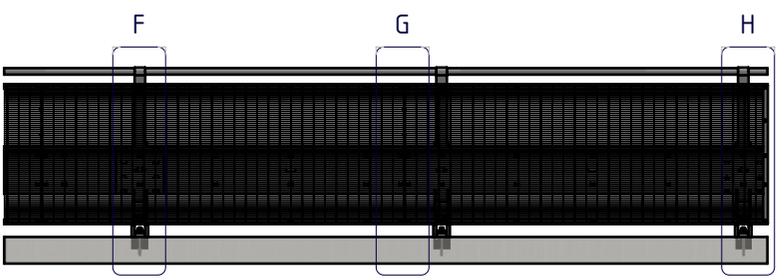
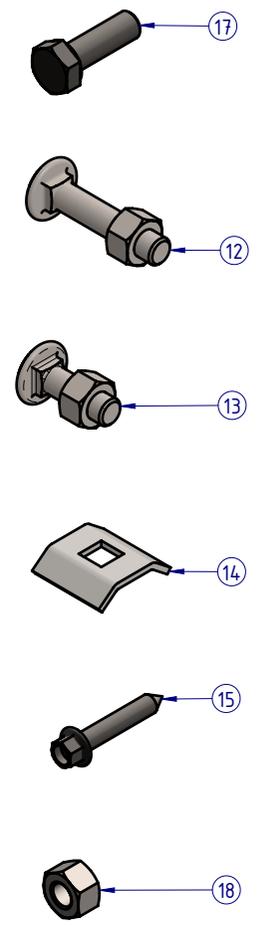


DETAIL G
MESH PANEL CONNECTION



DETAIL H
TERMINATION CONNECTION

2-OFF per Mesh Panel connection
Minimum Galvanised Wire Ø3, crimped
Vertically equispaced



MESH PANEL CONNECTION DETAILS

ALL FASTENERS TO BE USED AS SHOWN
ACCORDING TO CONNECTION TYPE

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

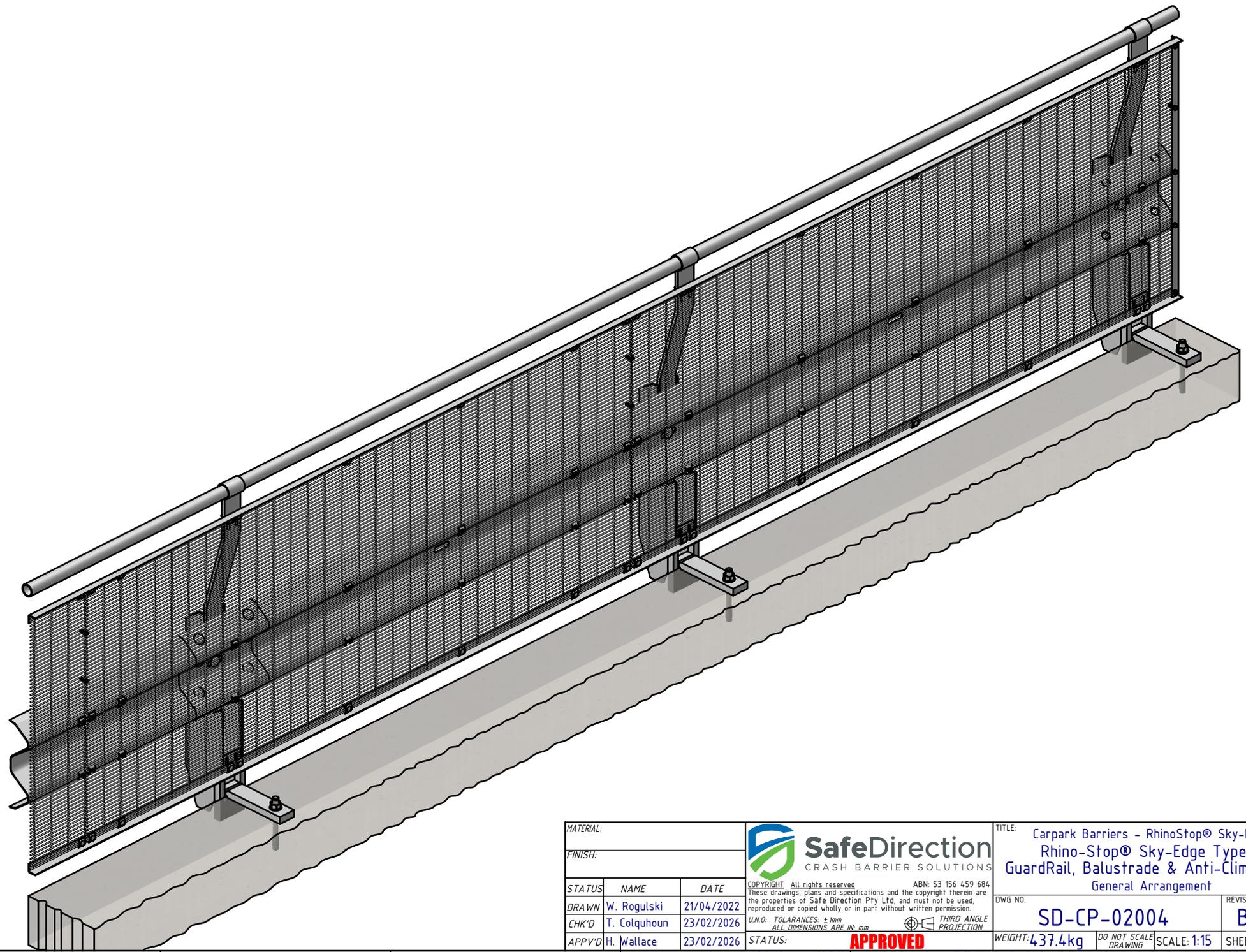
COPYRIGHT: All rights reserved. ABN: 53 156 459 684
These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission.

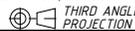
U.N.O. TOLERANCES: ±1mm
ALL DIMENSIONS ARE IN: mm

THIRD ANGLE PROJECTION

APPROVED

TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 4 GuardRail, Balustrade & Anti-Climb Mesh General Arrangement		
DWG NO.	REVISION:	SHEET SIZE
SD-CP-02004	B	A4
WEIGHT: 437.4kg	SCALE: 1:10	SHEET 4 of 5



MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 4 GuardRail, Balustrade & Anti-Climb Mesh General Arrangement					
FINISH:				DWG NO. SD-CP-02004 REVISION: B 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> 			WEIGHT: 437.4kg	DO NOT SCALE DRAWING	SCALE: 1:15	SHEET 5 of 5
DRAWN	W. Rogulski	21/04/2022				STATUS: APPROVED			
CHK'D	T. Colquhoun	23/02/2026							
APPV'D	H. Wallace	23/02/2026							