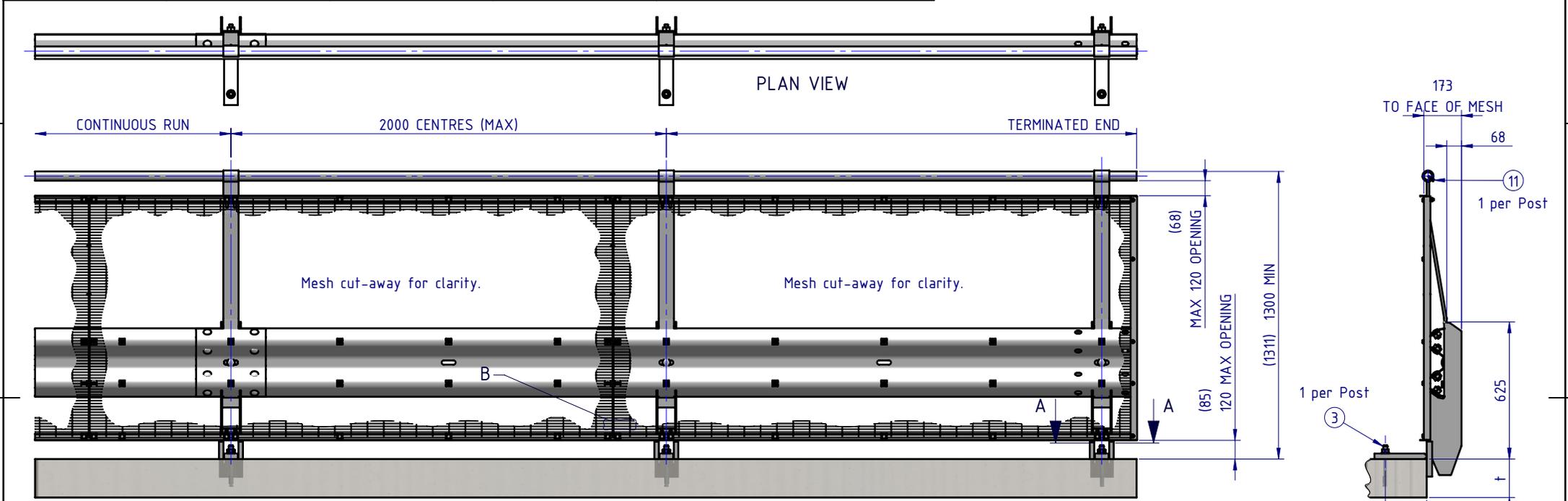


Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.
2000 kg	12 km/h	0.5 m	11.7 kJ	6 m w-beam supported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

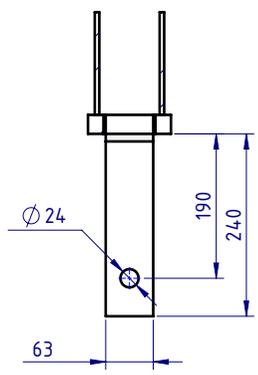
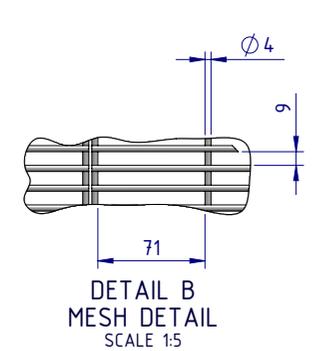
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-035	04/05/2022	HW
B		PERFORMANCE & INSTALLATION REQ. TABLES ADDED	23/02/2026	HW

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



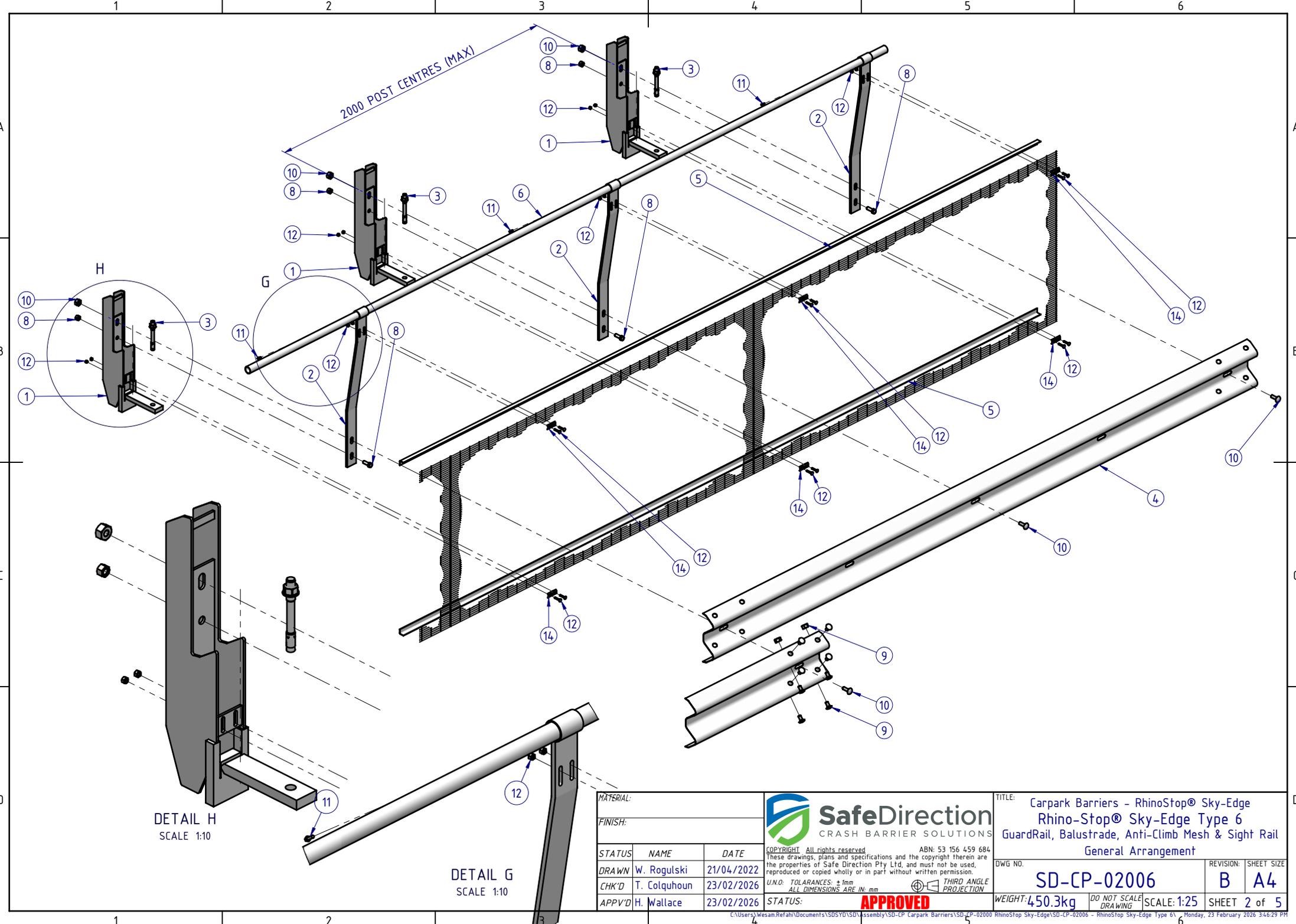
BOM			
ITEM NO.	PART NUMBER	Description	Weight kg
1	GR-PB-IS-0700-AG	Rhino-Stop® Sky Edge Post	13.7
2	GR-MX-MX-1010-AG	Handrail Extension Type 6	6.6
3	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
4	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
5	GR-EA-30-6000-BG	Mesh Support Angle	6.6
6	HR-PI-32-6500-AG	Handrail / Sight Rail Pipe 32NB	20.1
7	GR-MX-MX-2411-AG	Mesh Infill Panel 2400x1100, Ø4 wire, 71x9 aperture	4.4
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	1.2
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	

FRONT ELEVATION



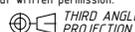
SECTION A-A
BASE PLATE DETAIL
SCALE 1:10

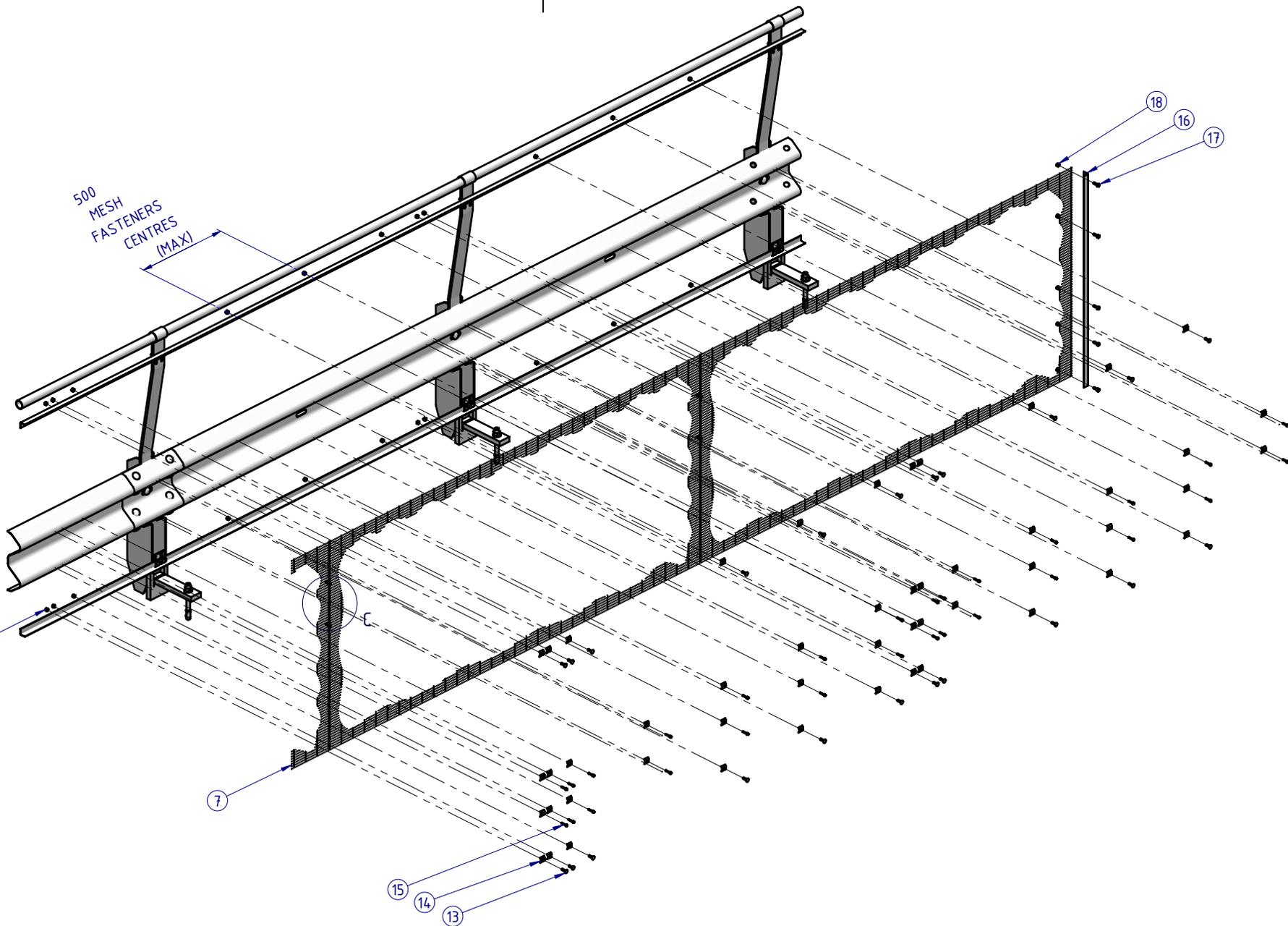
MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 6 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
FINISH:				DWG NO: SD-CP-02006 REVISION: B SHEET: A4		
STATUS: APPROVED			COPYRIGHT: All rights reserved. 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	WEIGHT: 450.3kg DO NOT SCALE DRAWING SCALE: 1:25 SHEET 1 of 5			



DETAIL H
SCALE 1:10

DETAIL G
SCALE 1:10

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 6 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
FINISH:				DWG NO. SD-CP-02006		
<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>			<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>			
STATUS	NAME	DATE	 APPROVED	REVISION:	SHEET SIZE:	
DRAWN	W. Rogulski	21/04/2022		B	A4	
CHK'D	T. Colquhoun	23/02/2026		WEIGHT: 450.3kg		
APPV'D	H. Wallace	23/02/2026		DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 2 of 5



500
MESH
FASTENERS
CENTRES
(MAX)

13

7

15

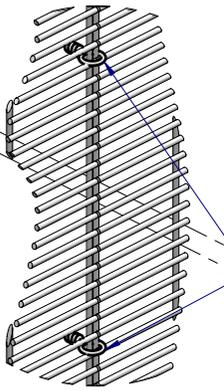
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13

18

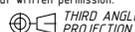
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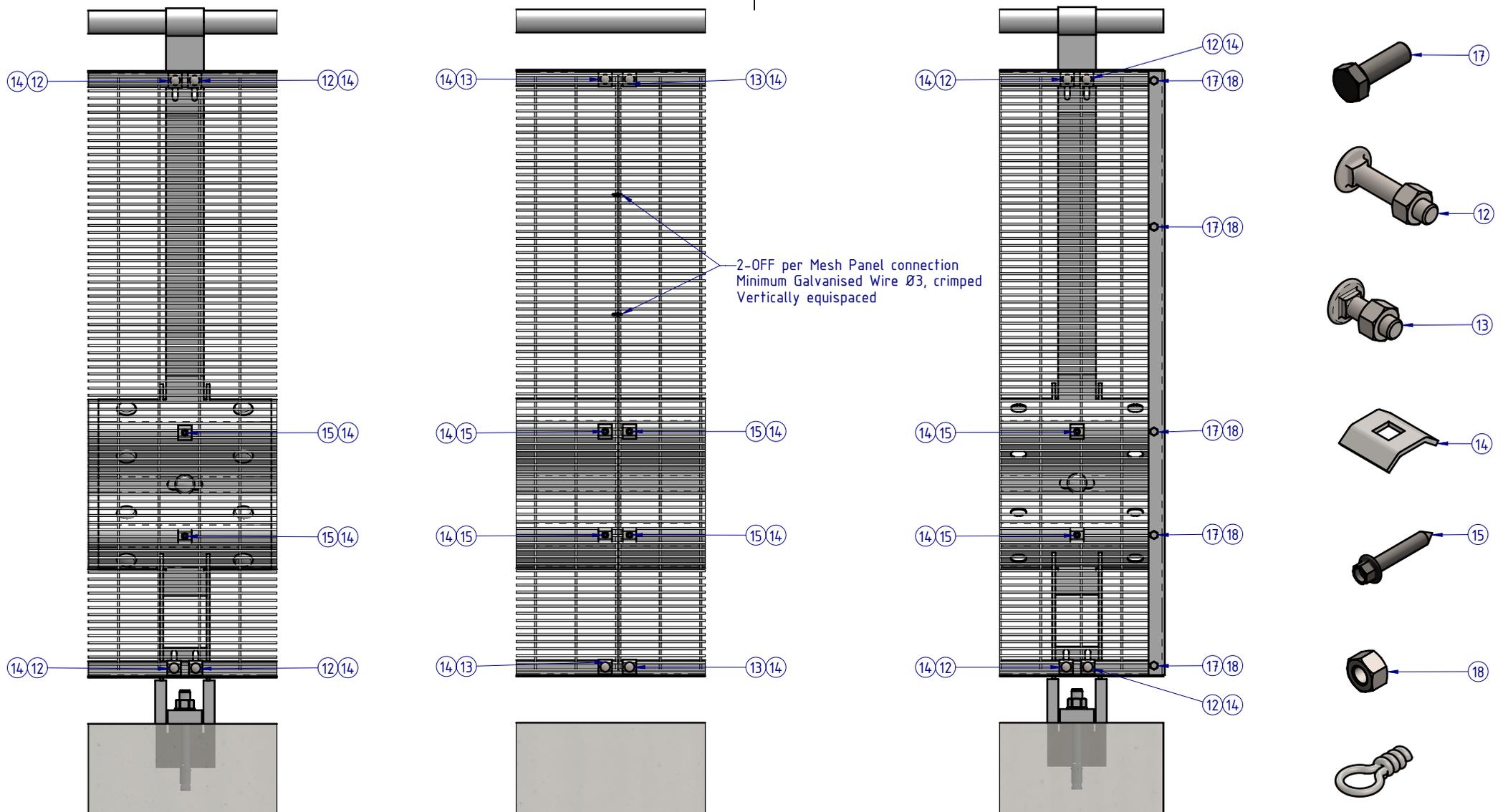
17



2-OFF to be installed at every Mesh Panel connection
Minimum Galvanised Wire Ø3, crimped
Vertically equispaced

DETAIL C
SCALE 1:5

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 6 GuardRail, Balustrade, Anti-Climb Mesh & 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>		DWG NO:	REVISION:
STATUS	NAME	DATE	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>		SD-CP-02006		B	A4
DRAWN	W. Rogulski	21/04/2022	 THIRD ANGLE PROJECTION		WEIGHT: 450.3kg		DO NOT SCALE DRAWING	SCALE: 1:25
CHK'D	T. Colquhoun	23/02/2026	APPROVED		SHEET 3 of 5			
APPV'D	H. Wallace	23/02/2026						



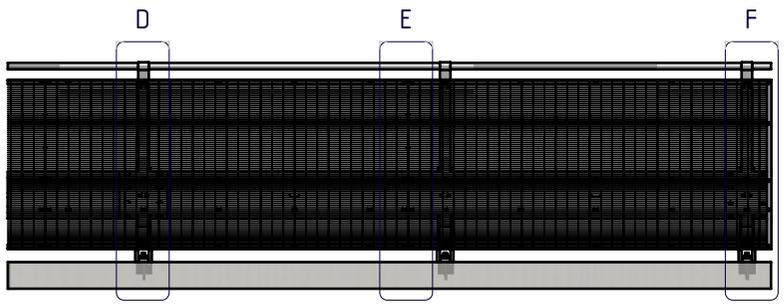
DETAIL D
AT POST CONNECTION

DETAIL E
MESH PANEL CONNECTION

DETAIL F
TERMINATION CONNECTION

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

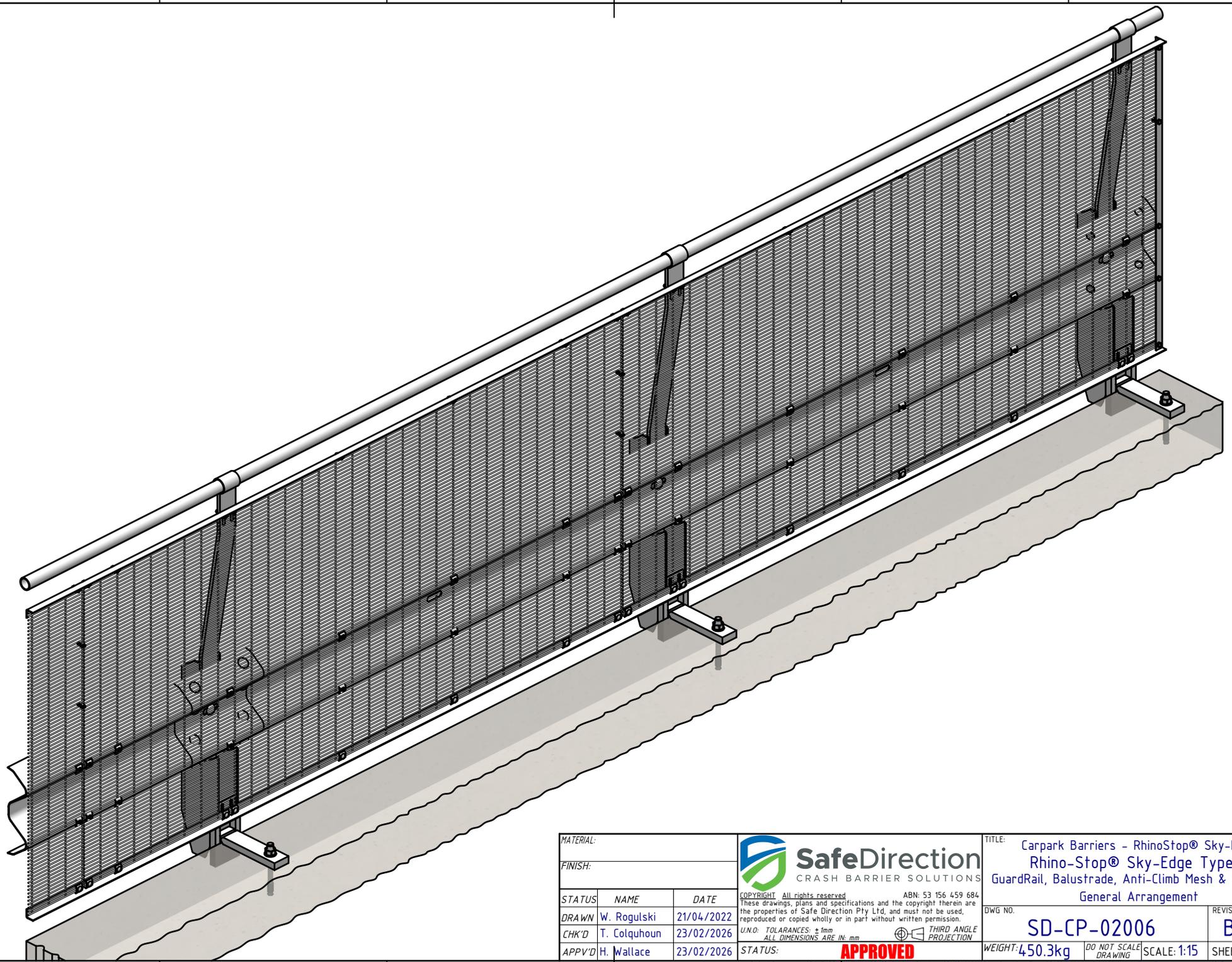
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U.N.O. TOLERANCES: ±1mm
ALL DIMENSIONS ARE IN: mm

THIRD ANGLE PROJECTION

APPROVED

TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 6 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
DWG NO. SD-CP-02006	REVISION: B	SHEET SIZE: A4
WEIGHT: 450.3kg	SCALE: 1:10	SHEET 4 of 5



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

THIRD ANGLE PROJECTION

TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 6 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
DWG NO:	REVISION:	SHEET SIZE:
SD-CP-02006	B	A4
WEIGHT: 450.3kg	DO NOT SCALE DRAWING	SCALE: 1:15
STATUS:		SHEET 5 of 5