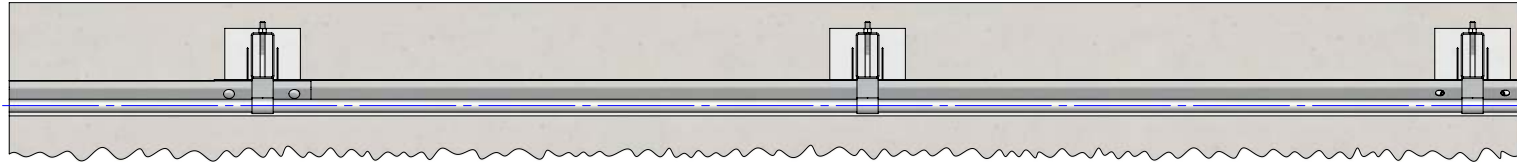


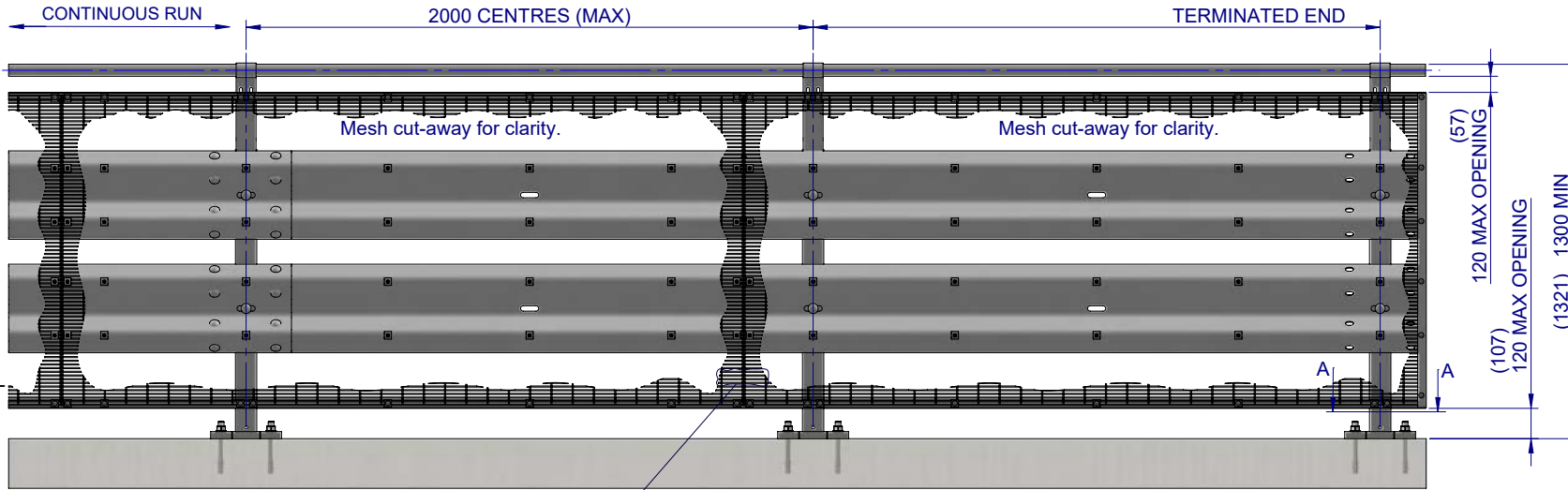
Rhino-Stop Truck Guard has been assessed to exceed the 40kN impact load as described in AS/NZS 1170.1 clause 3.8 b) for Medium Traffic Areas, based on:

- Post spacing at Maximum 2 mtrs Centres
- Minimum 5 Post Assembly per Installation

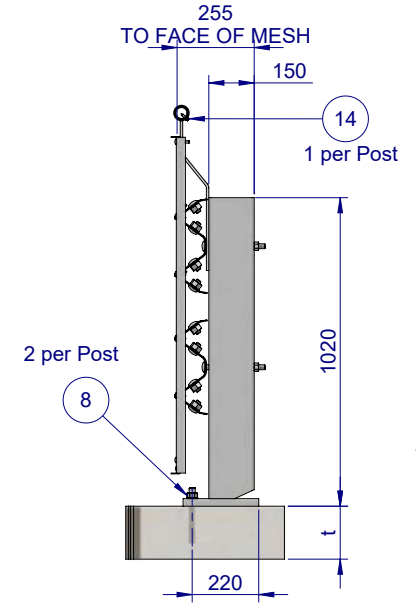
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-045	12/09/2022	HW



PLAN VIEW

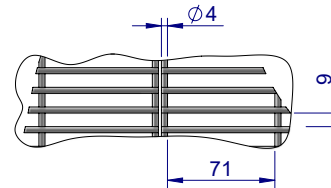


FRONT ELEVATION

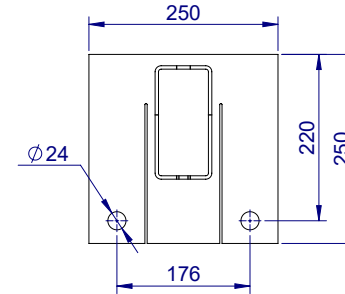


SIDE ELEVATION

BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-RS-1050-AG	Rhino-Stop® Truck Guard Post	26.4
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
3	GR-MX-MX-0545-AG	RhinoStop® Truck Guard Handrail Extension	2.5
4	GR-EA-30-6000-BG	Mesh Support Angle	6.6
5	GR-MX-MX-2411-AG	Mesh Infill Panel 2400x1100, Ø4 wire, 71x9 aparture	20.1
6	HR-PI-32-6500-AG	Handrail / Sight Rail Pipe 32NB	4.4
7	GR-FS-12-0035-TG	12g x 35mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	
8	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
9	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
10	GR-FS-08-0040-MG	M8x40 Mushroom Head Bolt & Nut Assy Class 4.6 HDG	0.0
11	GR-FS-08-0025-MG	M8x25 Mushroom Head Bolt & Nut Assy CL4.6 HDG	0.0
12	GR-FS-08-0000-AG	M8 Square Hole Mesh Washer	0.0
13	GR-FS-16-0200-MG	M16x200 Mushroom Head POST Bolt & Nut Assy Class 4.6 HDG	0.4
14	GR-FS-14-0025-TG	14g x 25mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	



DETAIL B
MESH DETAIL
SCALE 1:5



SECTION A-A
BASE PLATE DETAIL
SCALE 1:10

Post Anchor Bolt Installation Details		
Slab Thickness (t)	≤ 170mm	> 170mm
Anchor Bolt Part #	GR-FS-20-0160-HG	GR-FS-20-0187-HG
Anchor Bolt Type	Fischer FBN II Mechanical	Fischer FBN II Mechanical
Min. Embedment Depth	100mm	130mm
Drill Type	Masonry Bit	Masonry Bit
Drill diameter	Ø20mm	Ø20mm
Drill Depth	105mm	135mm
Minimum Torque	200Nm	200Nm

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	J. An	12/09/2022
CHK'D	T. Colquhoun	12/09/2022
APPV'D	H. Wallace	12/09/2022

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

THIRD ANGLE PROJECTION

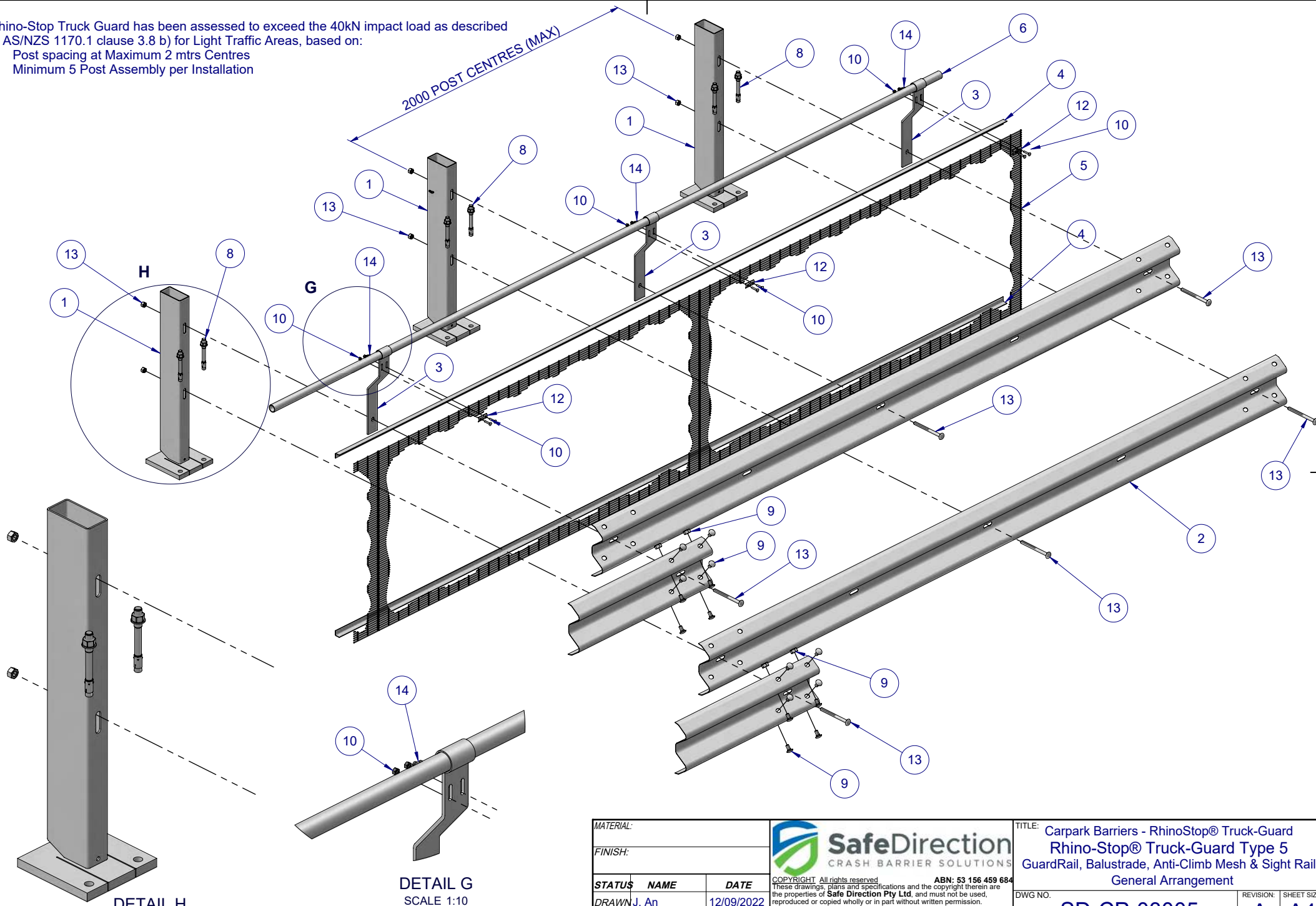
APPROVED

TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 5 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
DWG NO. SD-CP-03005	REVISION: A	SHEET SIZE A4
WEIGHT:	DO NOT SCALE DRAWING	SCALE: 1:25 SHEET 1 of 5

Rhino-Stop Truck Guard has been assessed to exceed the 40kN impact load as described in AS/NZS 1170.1 clause 3.8 b) for Light Traffic Areas, based on:

- Post spacing at Maximum 2 mtrs Centres
- Minimum 5 Post Assembly per Installation

2000 POST CENTRES (MAX)



DETAIL H
SCALE 1:12

DETAIL G
SCALE 1:10

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	J. An	12/09/2022
CHK'D	T. Colquhoun	12/09/2022
APP'VD	H. Wallace	12/09/2022

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ALL DIMENSIONS ARE IN: mm

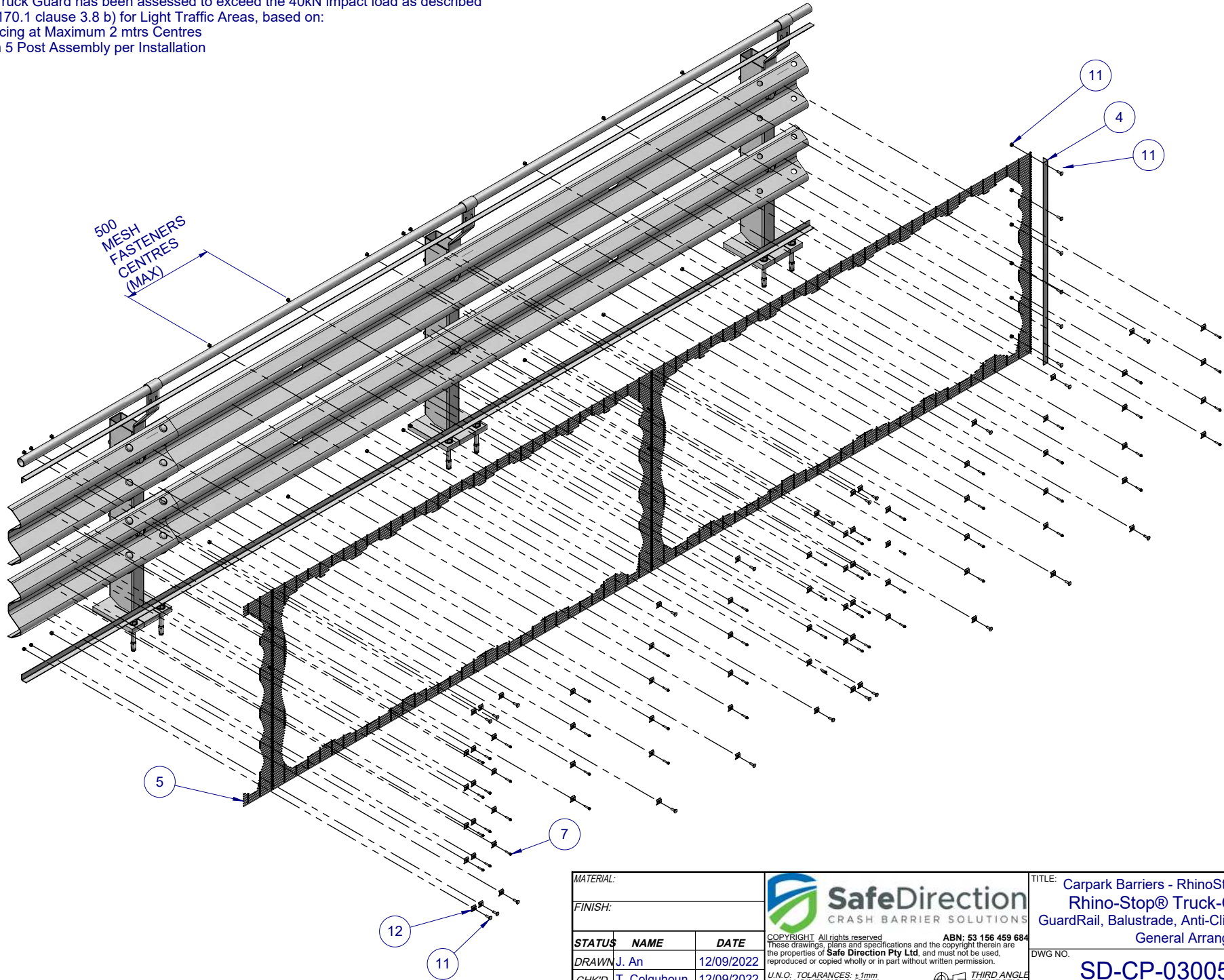
THIRD ANGLE PROJECTION

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DWG NO.	SD-CP-03005	REVISION:	SHEET SIZE
		A	A4
WEIGHT:	DO NOT SCALE	SCALE: 1:25	SHEET 2 of 5

Rhino-Stop Truck Guard has been assessed to exceed the 40kN impact load as described in AS/NZS 1170.1 clause 3.8 b) for Light Traffic Areas, based on:

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MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	J. An	12/09/2022
CHK'D	T. Colquhoun	12/09/2022
APP'VD	H. Wallace	12/09/2022

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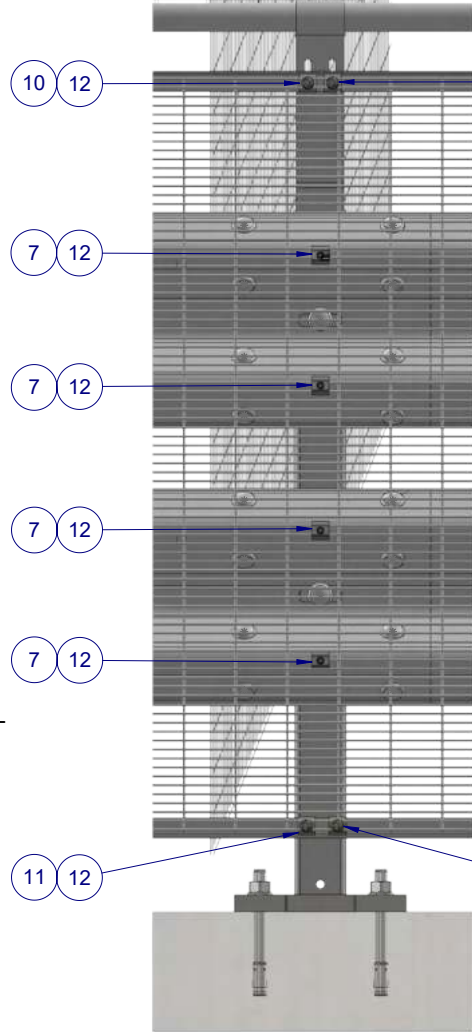
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ALL DIMENSIONS ARE IN: mm

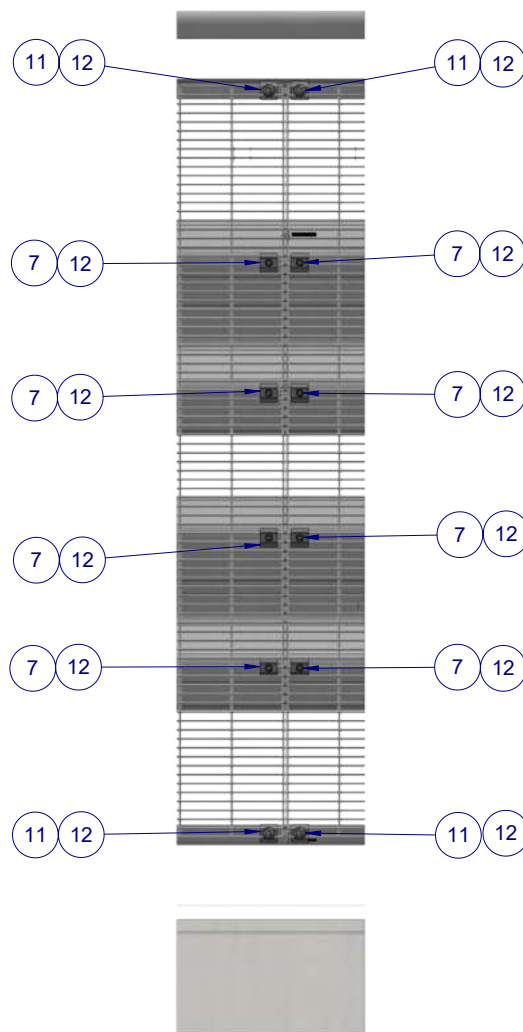
THIRD ANGLE
PROJECTION

APPROVED

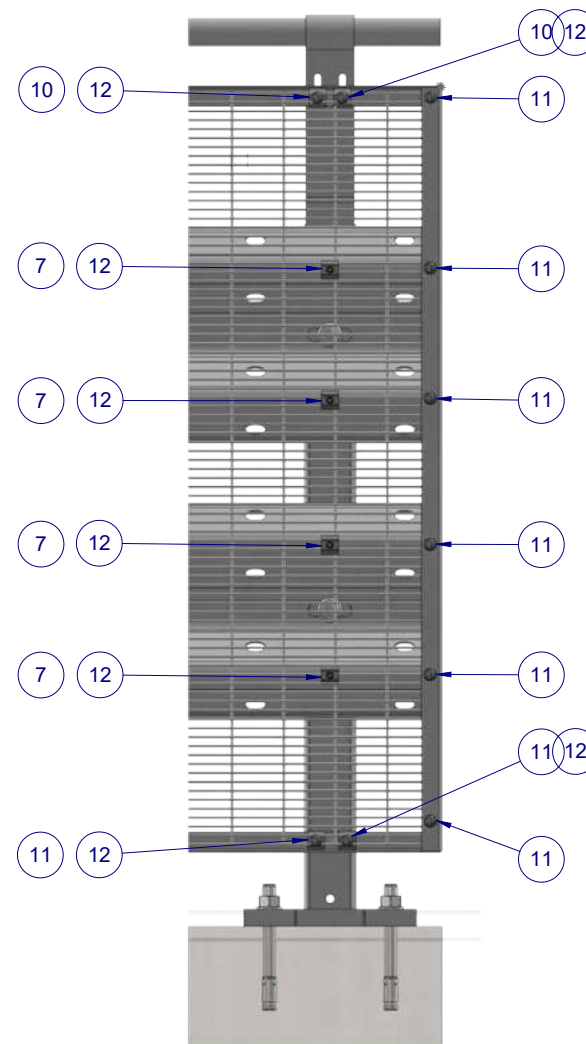
TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 5 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement			
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		A	A4
WEIGHT:	DO NOT SCALE DRAWING	SCALE: 1:23	SHEET 3 of 5



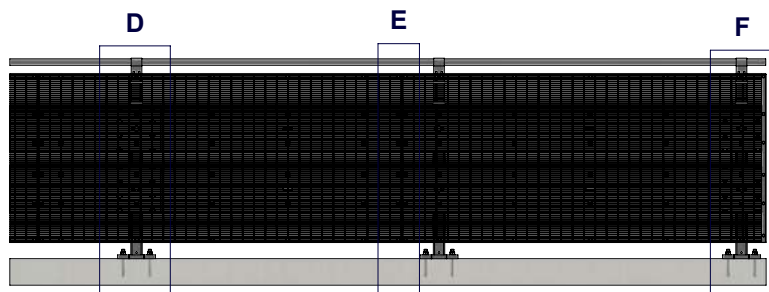
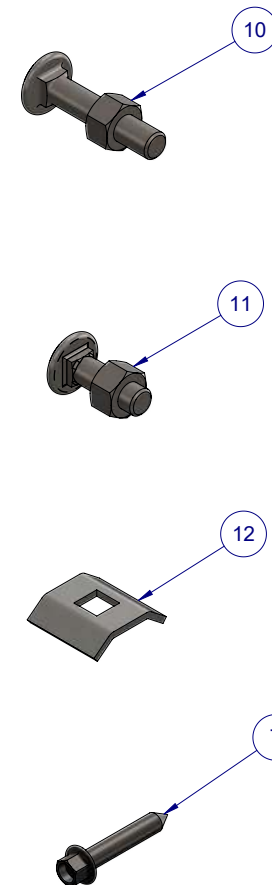
DETAIL D
AT POST CONNECTION



DETAIL E
MESH PANEL CONNECTION



DETAIL F
TERMINATION CONNECTION



MESH PANEL CONNECTION DETAILS

ALL FASTENERS TO BE USED AS SHOWN
ACCORDING TO CONNECTION TYPE

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- Minimum 5 Post Assembly per Installation

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	J. An	12/09/2022
CHK'D	T. Colquhoun	12/09/2022
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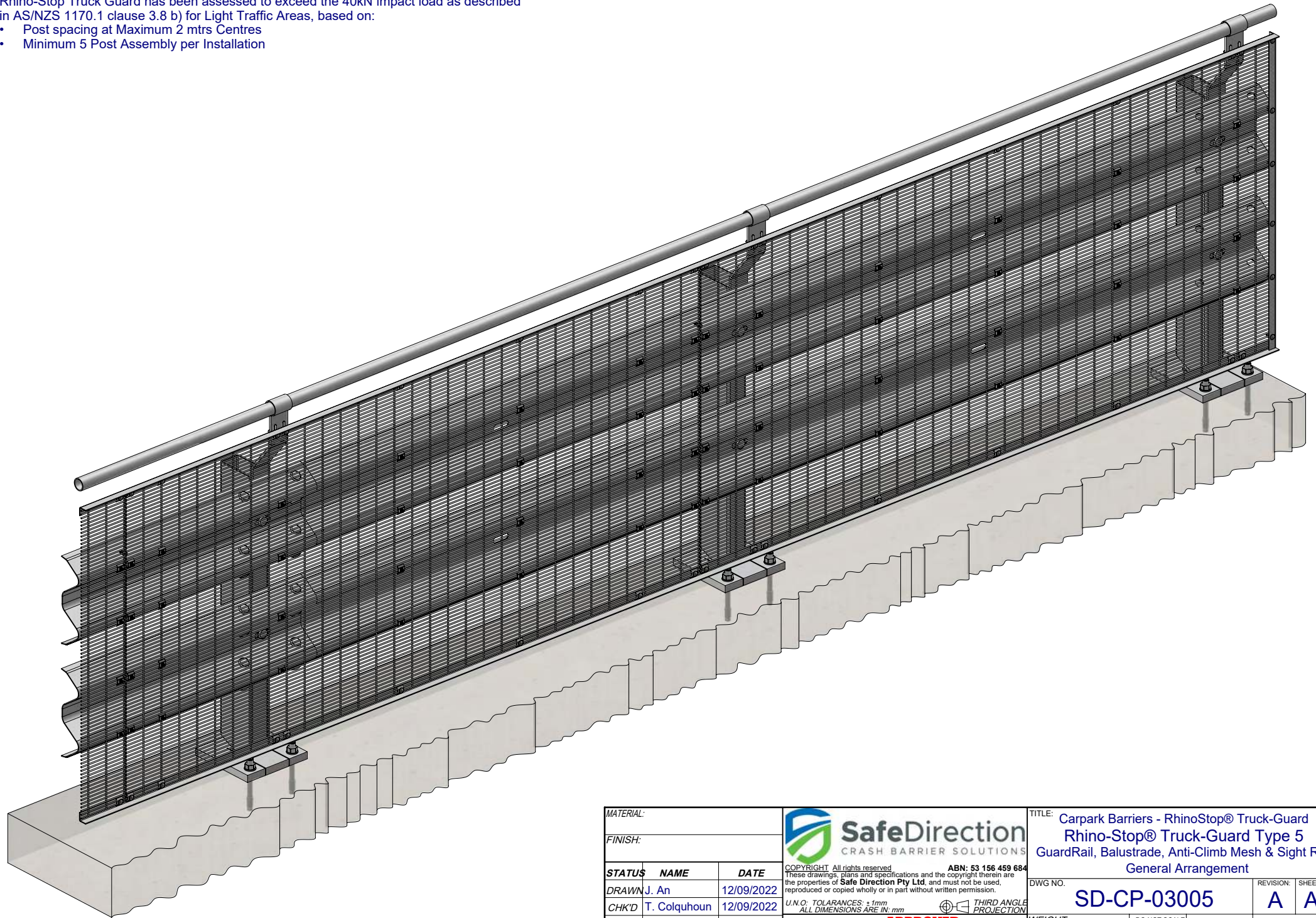
THIRD ANGLE PROJECTION

APPROVED

TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 5 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		
DWG NO.	SD-CP-03005	REVISION: A
WEIGHT:	DO NOT SCALE DRAWING	SHEET 4 of 5

Rhino-Stop Truck Guard has been assessed to exceed the 40kN impact load as described in AS/NZS 1170.1 clause 3.8 b) for Light Traffic Areas, based on:

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MATERIAL:			 <div>SafeDirection CRASH BARRIER SOLUTIONS</div>	TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 5 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement				
FINISH:				DWG NO. SD-CP-03005 REVISION: A SHEET SIZE A4				
STATUS	NAME	DATE	COPYRIGHT All rights reserved 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			
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CHK'D	T. Colquhoun	12/09/2022						
APPV'D	H. Wallace	12/09/2022						
			STATUS: APPROVED		WEIGHT:		DO NOT SCALE DRAWING	SCALE: 1:15 SHEET 5 of 5