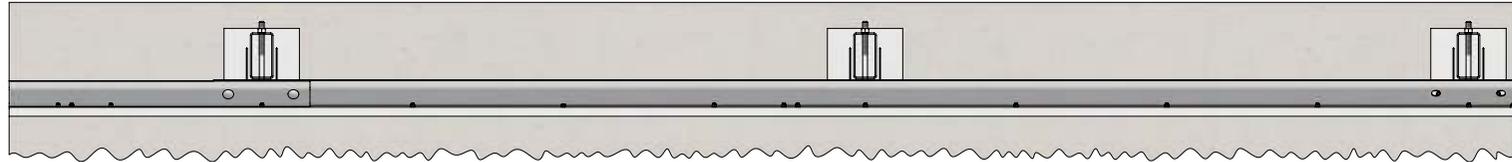


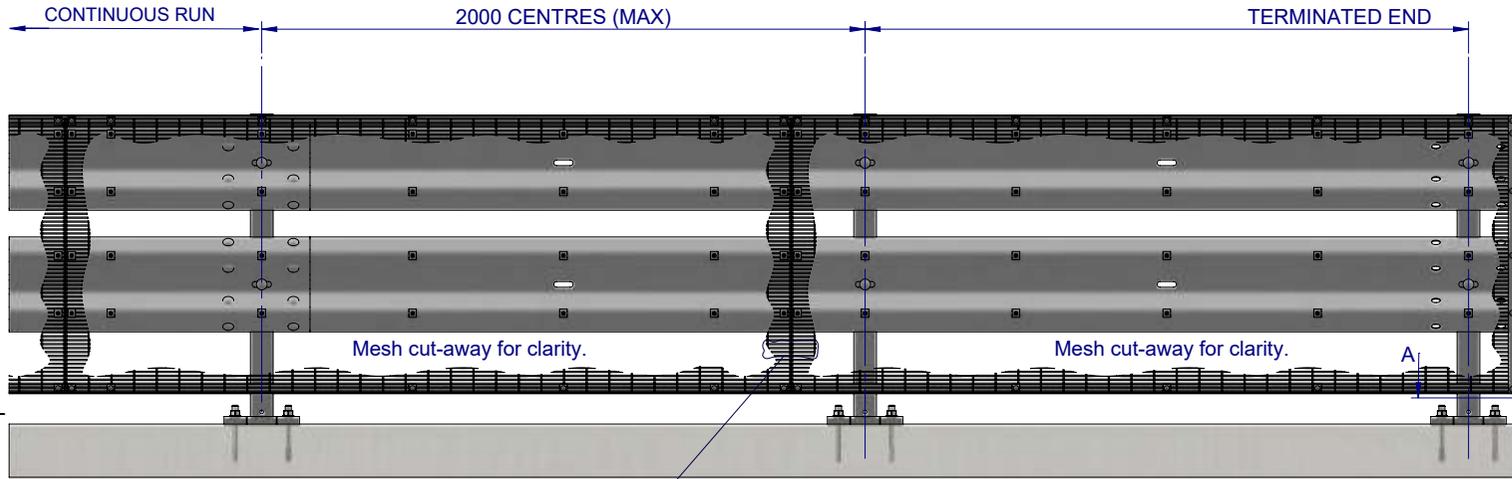
Rhino-Stop Truck Guard has been assessed to exceed the 40kN impact load as described in AS/NZS 1170.1 clause 3.8 b) for Medium Traffic Areas, based on:

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

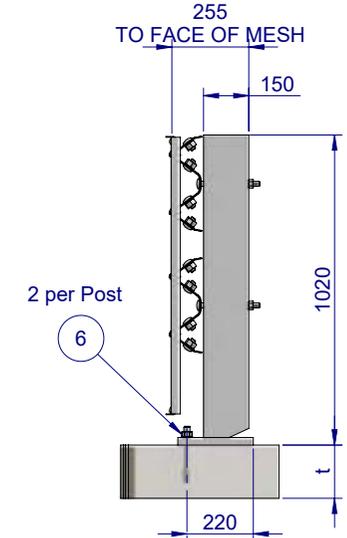
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-044	16/09/2022	HW



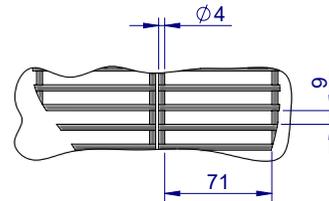
PLAN VIEW



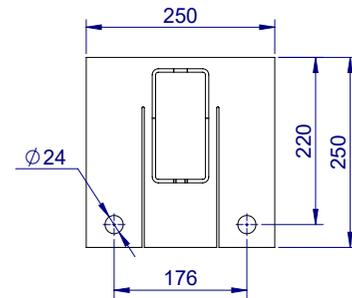
FRONT ELEVATION



SIDE ELEVATION



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

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-EA-30-6000-BG	Mesh Support Angle	6.6
4	GR-MX-MX-2409-AG	Mesh Infill Panel 2400x900, Ø4 wire, 71x9 aparture	20.1
5	GR-FS-12-0035-TG	12g x 35mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	
6	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
7	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
8	GR-FS-08-0025-MG	M8x25 Mushroom Head Bolt & Nut Assy CL4.6 HDG	0.0
9	GR-FS-08-0000-AG	M8 Square Hole Mesh Washer	0.0
10	GR-FS-16-0200-MG	M16x200 Mushroom Head POST Bolt & Nut Assy Class 4.6 HDG	0.4

MATERIAL:

FINISH:

STATUS | **NAME** | **DATE**

DRAWN: J. An | 16/09/2022

CHK'D: T. Colquhoun | 16/09/2022

APPV'D: H. Wallace | 16/09/2022

SafeDirection
CRASH BARRIER SOLUTIONS

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

THIRD ANGLE PROJECTION

APPROVED

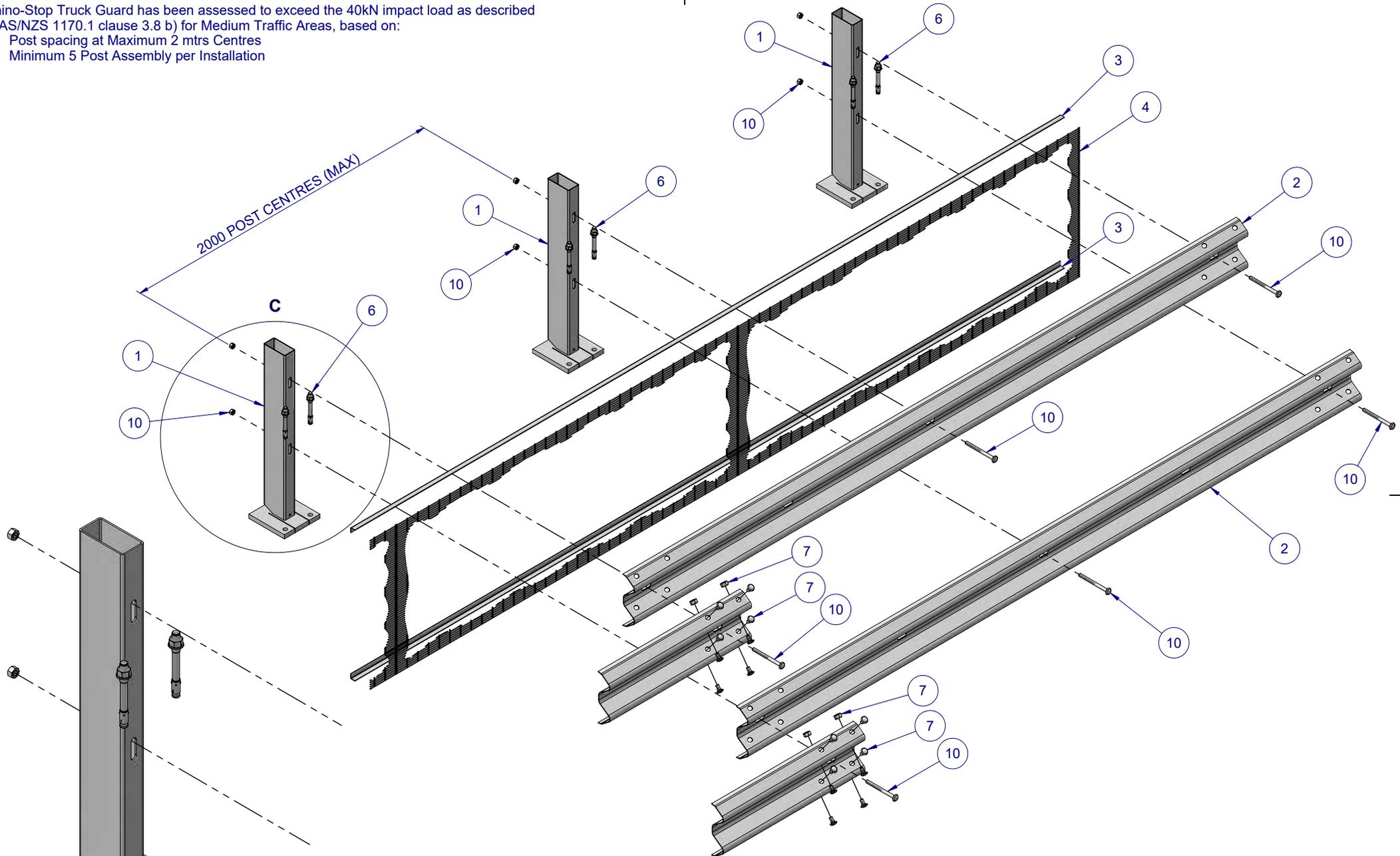
TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 4 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement

DWG NO. **SD-CP-03004** REVISION: **A1** 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 Medium Traffic Areas, based on:

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

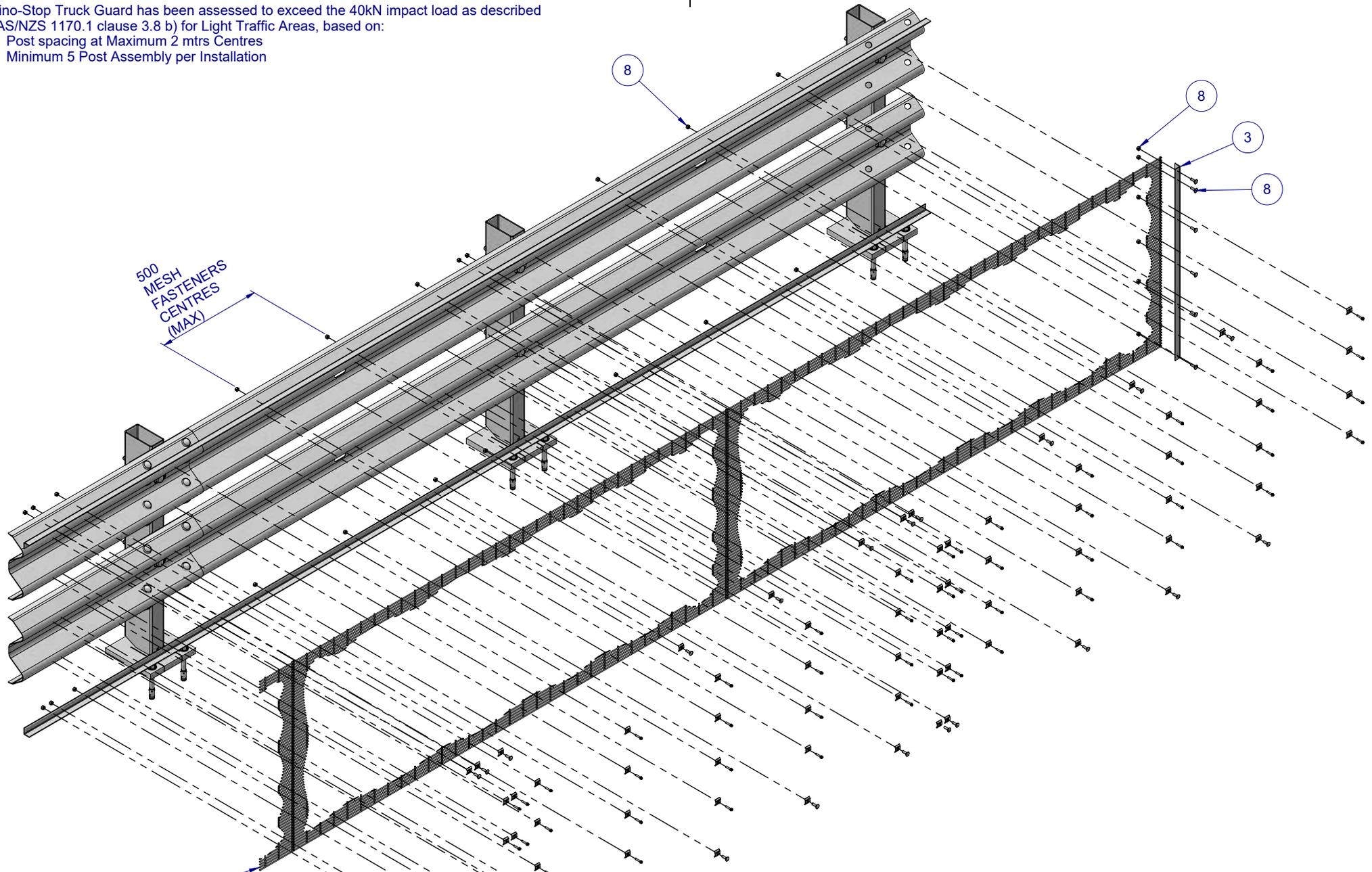


DETAIL C
SCALE 1:12

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 4	
FINISH:					GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement	
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.		DWG NO.	REVISION: SHEET SIZE
DRAWN	J. An	12/09/2022	U.N.O. TOLARANCES: ±1mm ALL DIMENSIONS ARE IN: mm		SD-CP-03004	A1 A4
CHK'D	T. Colquhoun	12/09/2022	THIRD ANGLE PROJECTION			WEIGHT:
APP'VD	H. Wallace	12/09/2022	APPROVED			

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



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

SafeDirection
CRASH BARRIER SOLUTIONS

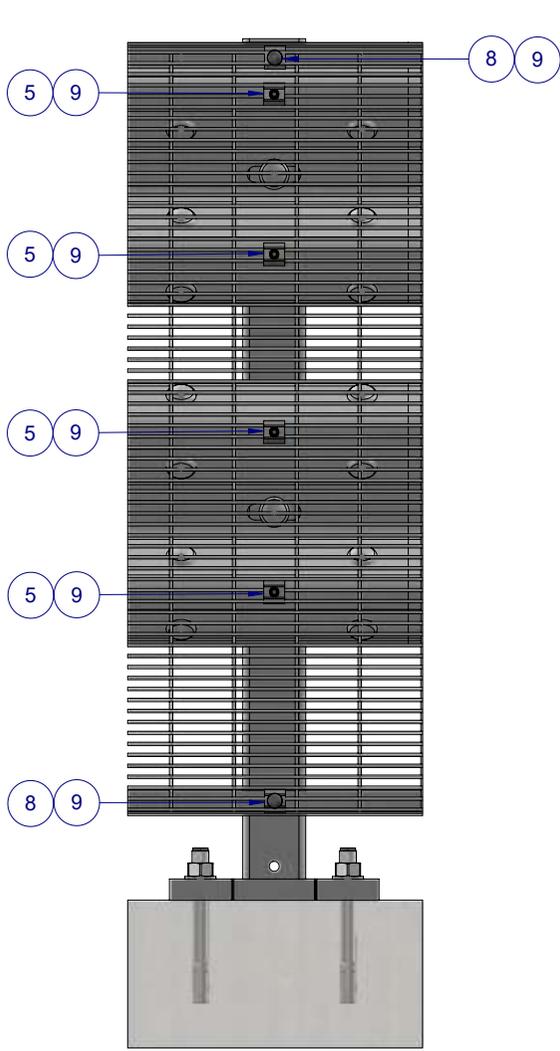
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U.N.O. TOLARANCES: ±1mm ALL DIMENSIONS ARE IN: mm

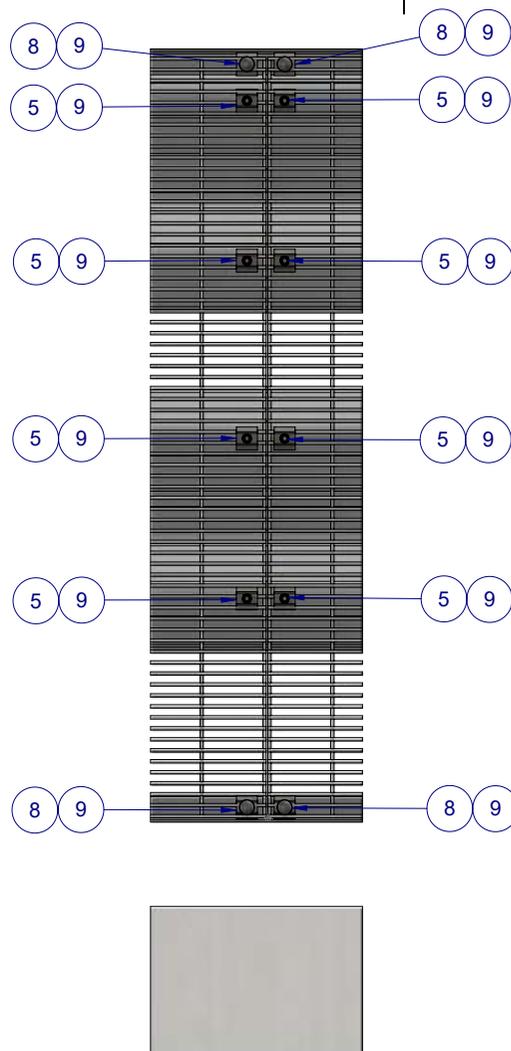
THIRD ANGLE PROJECTION

APPROVED

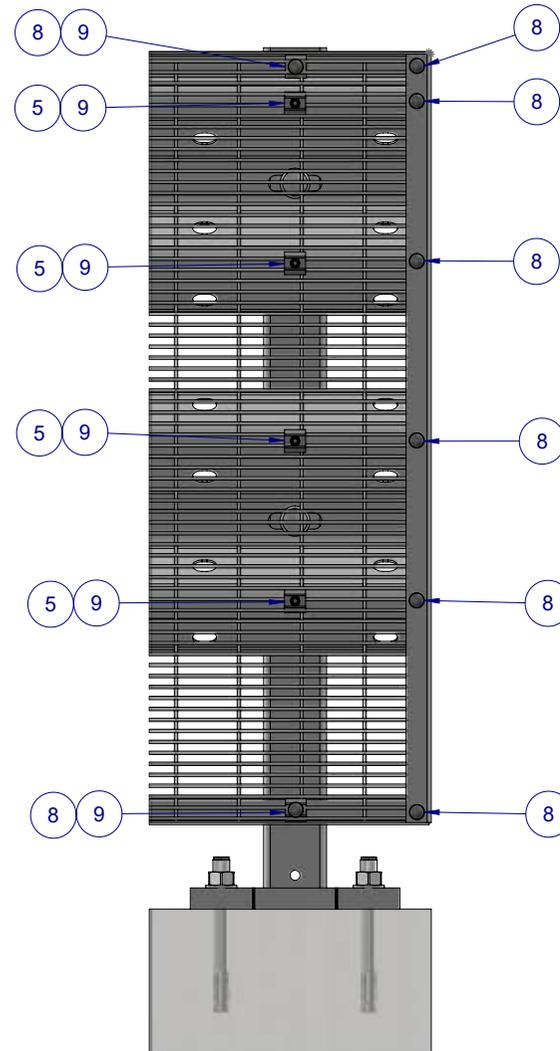
TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 4 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement		REVISION:	SHEET SIZE
DWG NO.	SD-CP-03004	A1	A4
WEIGHT:	DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 3 of 5



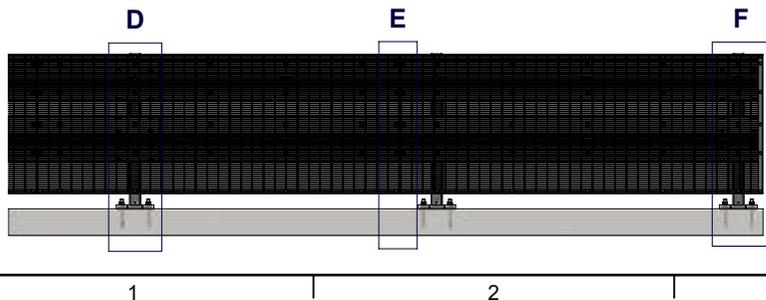
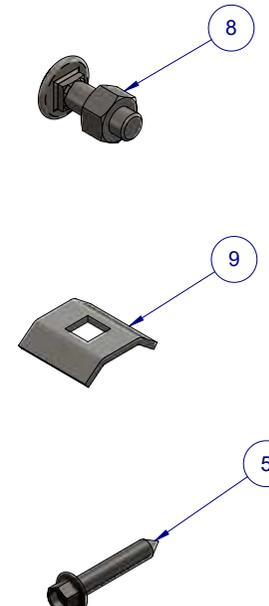
DETAIL D
AT POST CONNECTION



DETAIL E
MESH PANEL CONNECTION



DETAIL F
TERMINATION CONNECTION



MESH PANEL CONNECTION DETAILS

ALL FASTENERS TO BE USED AS SHOWN
ACCORDING TO CONNECTION TYPE

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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- Minimum 5 Post Assembly per Installation

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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STATUS: APPROVED

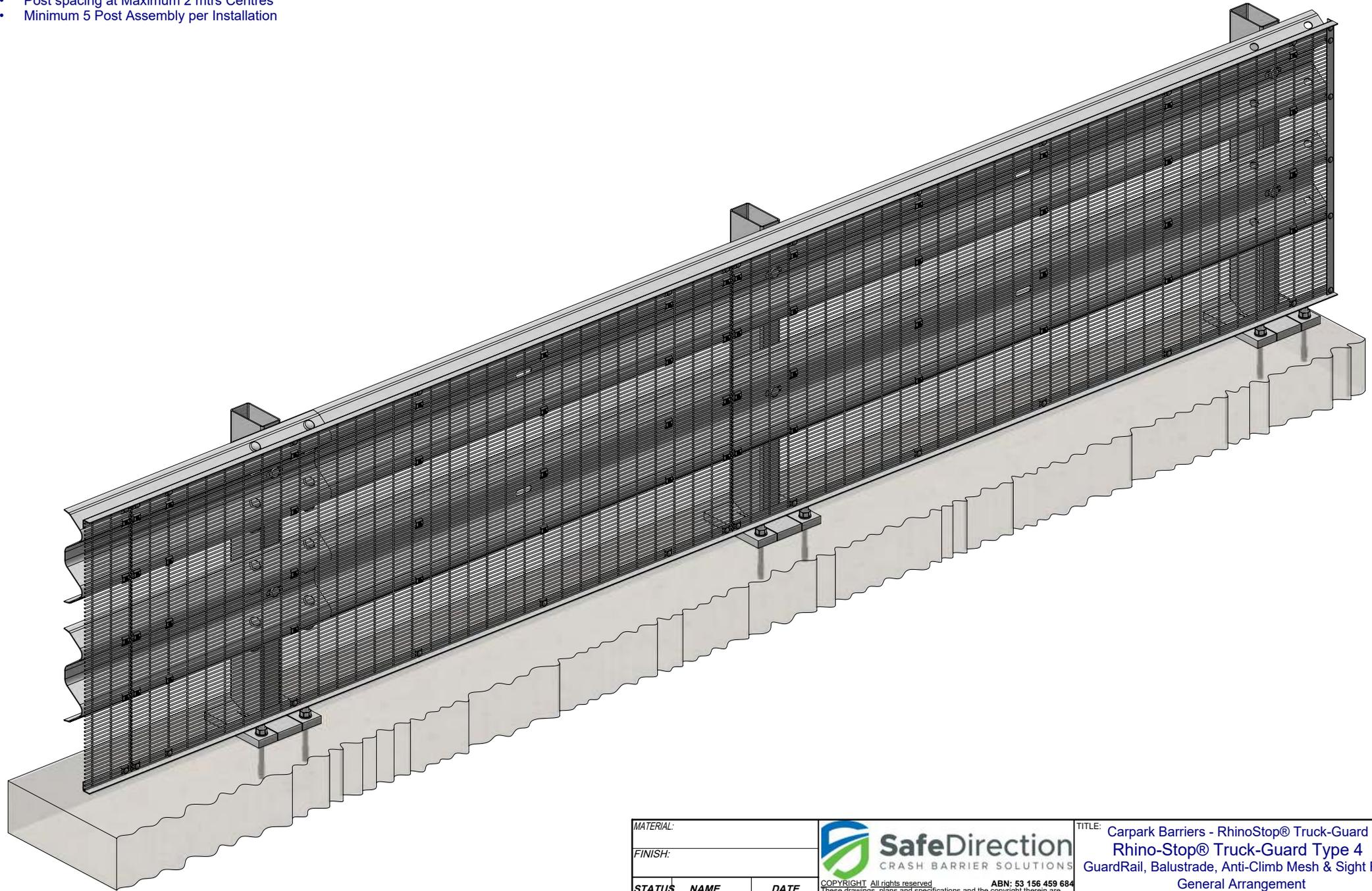
TITLE: Carpark Barriers - RhinoStop® Truck-Guard
Rhino-Stop® Truck-Guard Type 4
GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail
General Arrangement

DWG NO. **SD-CP-03004** REVISION: | SHEET SIZE
A1 A4

WEIGHT: | DO NOT SCALE DRAWING | SCALE: 1:11 | 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:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Truck-Guard Rhino-Stop® Truck-Guard Type 4 GuardRail, Balustrade, Anti-Climb Mesh & Sight Rail General Arrangement	
FINISH:				DWG NO. SD-CP-03004 REVISION: SHEET SIZE A1 A4	
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DRAWN	J. An	12/09/2022	U.N.O. TOLARANCES: ±1mm ALL DIMENSIONS ARE IN: mm		DO NOT SCALE DRAWING
CHK'D	T. Colquhoun	12/09/2022	THIRD ANGLE PROJECTION		SCALE: 1:15 SHEET 5 of 5
APP'VD	H. Wallace	12/09/2022	STATUS: APPROVED		