

Rhino-Stop® 240 has been assessed to the 240kN impact load as described in AS/NZS 1170.1 clause 3.8 a) ii) for Light Traffic Areas, based on:

- Post spacing at Maximum 0.8 mtrs Centres
- Minimum 6 Post Assembly per Installation

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-170	20/07/2022	HW
B		Rhino-Stop 240 Post revision, updated	27/06/2025	HW

PLAN VIEW

FRONT ELEVATION

SIDE ELEVATION

SECTION A-A
BASE PLATE
DETAIL

Post Anchor Bolt Installation Details

Slab Thickness (t)	≥ 150mm
Min. Slab Strength	32MPa
Anchor Bolt Part #	GR-FS-20-0187-HG
Anchor Bolt Type	Fischer FBN II Mechanical
Min. Embedment Depth	115mm
Drill Type	Masonry Bit
Drill diameter	Ø20mm
Drill Depth	120mm
Minimum Torque	200Nm

BOM

ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-IS-0625-DG	Rhino-Stop® 240 Post	25.6
2	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
3	GR-WB-SR-4000-GG	W-Beam Guardrail 4.0m NLL, 0.8m CTRS	43.3
4	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
5	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2

MATERIAL:

FINISH:

STATUS	NAME	DATE
DRAWN	W. Rogulski	20/07/2022
CHK'D	T. Colquhoun	
APPV'D	H. Wallace	



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

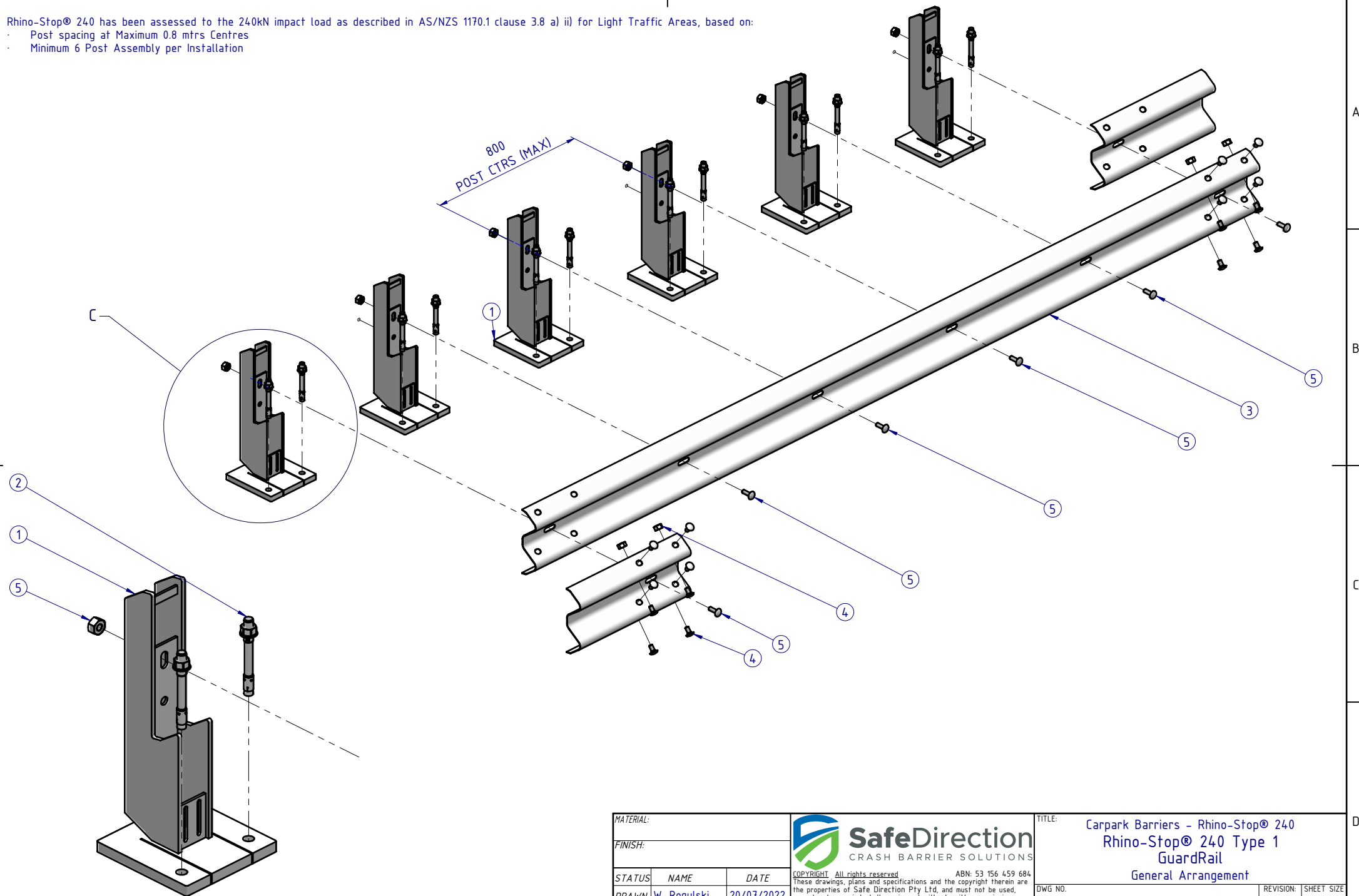
STATUS: **In DESIGN**

TITLE: Carpark Barriers - Rhino-Stop® 240
Rhino-Stop® 240 Type 1
GuardRail
General Arrangement

DWG NO.	SD-CP-05001	REVISION:	B	SHEET SIZE	A4
WEIGHT:	749.5kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET	1 of 3

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DETAIL C
SCALE 1:10

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	20/07/2022
CHK'D	T. Colquhoun	
APPV'D	H. Wallace	

SafeDirection
CRASH BARRIER SOLUTIONS

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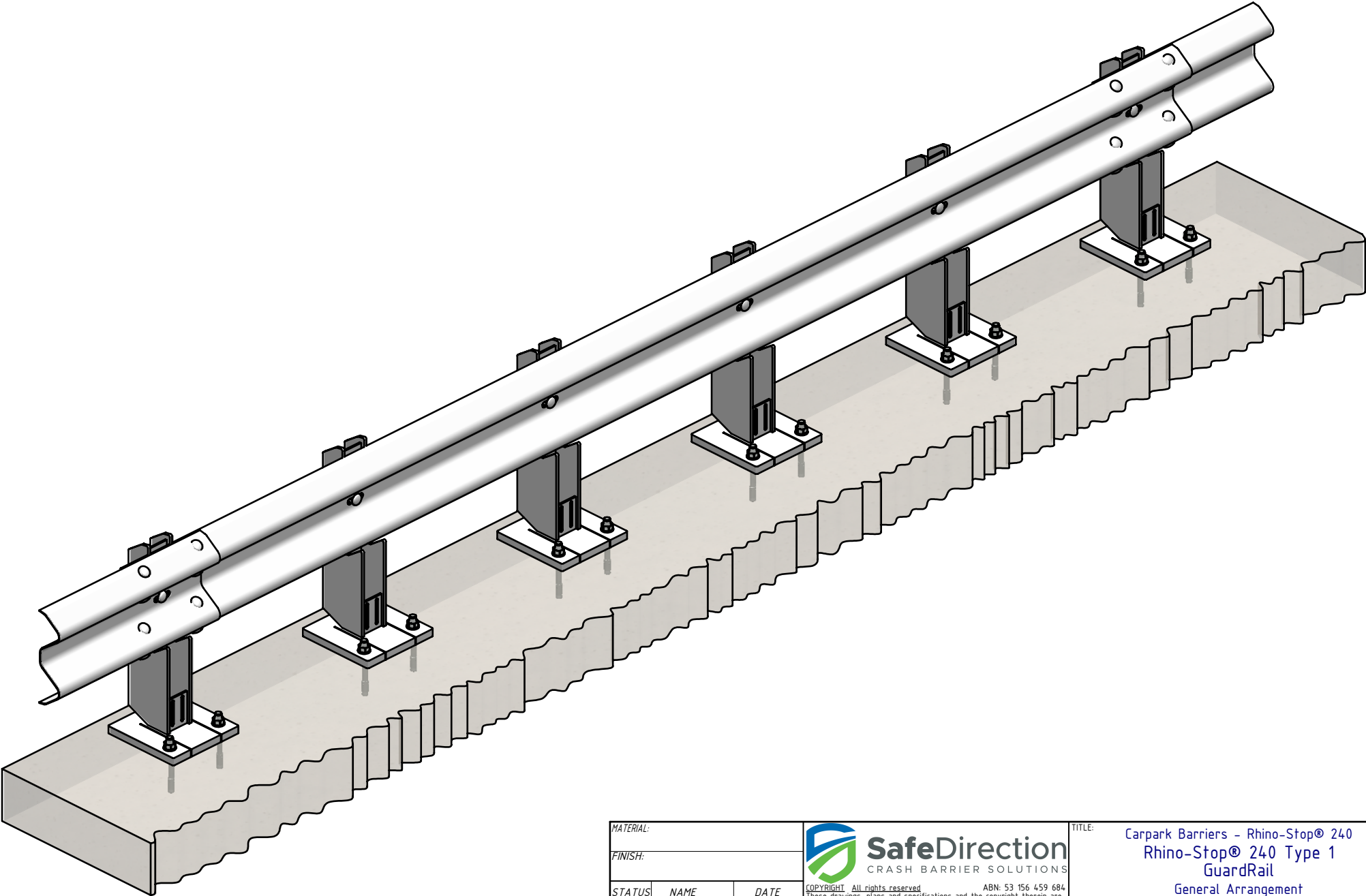
THIRD ANGLE PROJECTION

In DESIGN

TITLE: Carpark Barriers - Rhino-Stop® 240 Rhino-Stop® 240 Type 1 GuardRail General Arrangement			
DWG NO.	SD-CP-05001	REVISION:	SHEET SIZE
WEIGHT: 749.5kg	DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 2 of 3

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MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers – Rhino-Stop® 240 Rhino-Stop® 240 Type 1 GuardRail General Arrangement			
FINISH:				DWG NO. SD-CP-05001 B 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. U.N.O: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm THIRD ANGLE PROJECTION		REVISION:	SHEET SIZE	
DRAWN	W. Rogulski	20/07/2022			B	A4	
CHK'D	T. Colquhoun				WEIGHT: 749.5kg		
APPV'D	H. Wallace				DO NOT SCALE DRAWING	SCALE: 1:15	SHEET 3 of 3
STATUS: In DESIGN			C:\Users\wesam\refah\Documents\SD\SD\Assembly\SD-CP Carpark Barriers\SD-CP-05000 RhinoStop 240\SD-CP-05001 - RhinoStop 240 Type 1				