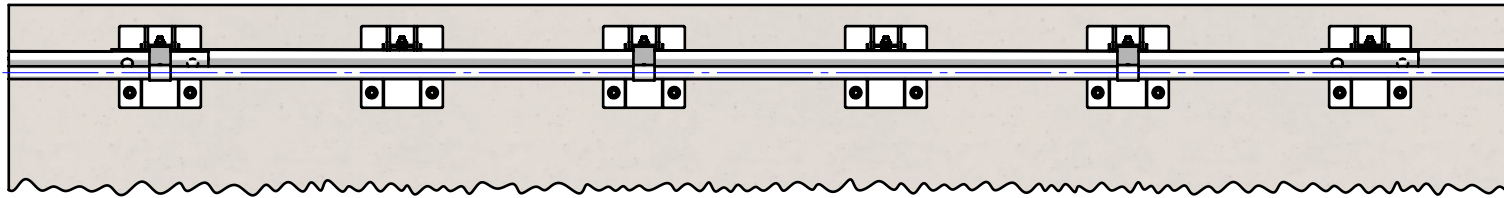


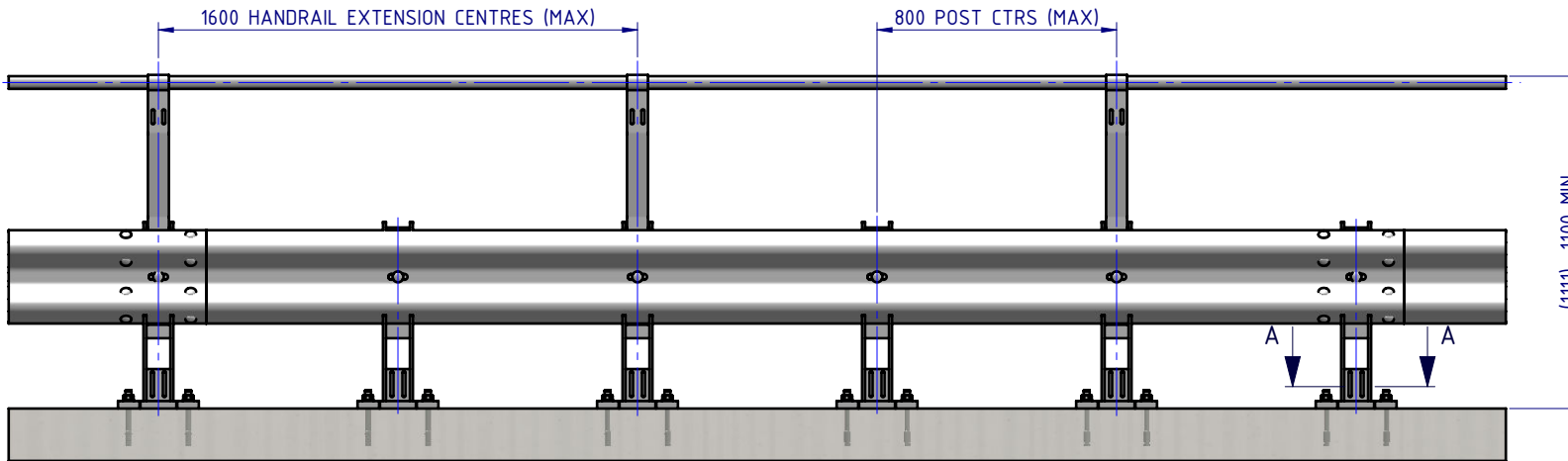
Rhino-Stop® Heavy Duty has been assessed to the 240kN impact load as described in AS/NZS 1170.1 clause 3.8 a) ii) for Light Traffic Areas, based on:

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

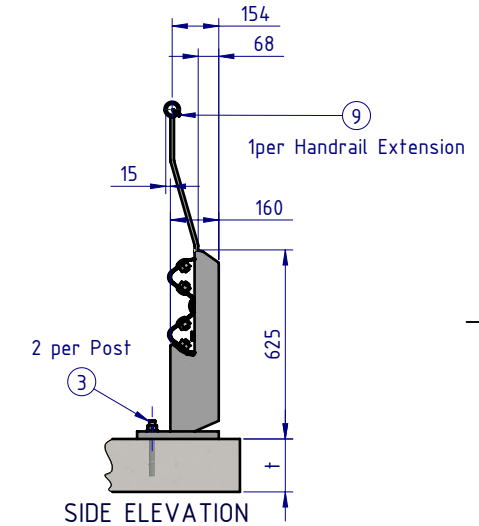
REV.		ZONE	DESCRIPTION	DATE	APPV'D
A			Original Issue, supersedes GR-WB-172	20/07/2022	HW
B			Rhino-Stop Heavy Duty Post revision, updated	27/06/2025	HW



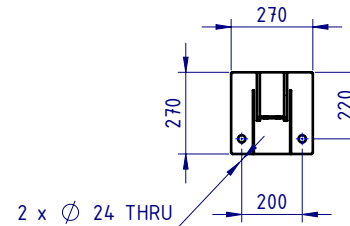
PLAN VIEW



FRONT ELEVATION



SIDE ELEVATION



SECTION A-A
BASE PLATE
DETAIL

BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-IS-0625-DG	Rhino-Stop® Heavy Duty Post	25.6
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-GG	W-Beam Guardrail 4.0m NLL, 0.8m CTRS	43.3
5	HR-PI-32-6500-AG	Handrail / Sight Rail Pipe 32NB	20.1
6	GR-FS-16-0045-HG	M16x45 Hex Head Bolt & Nut Assy	0.0
7	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
8	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2
9	GR-FS-14-0025-TG	14g x 25mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	20/07/2022
CHK'D	T. Colquhoun	11/09/2025
APPV'D	H. Wallace	11/09/2025

SafeDirection
CRASH BARRIER SOLUTIONS

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

APPROVED

Post Anchor Bolt Installation Details	
Min. Slab Thickness (t)	≥ 150mm
Min. Concrete Strength	32MPa
Anchor Bolt Part #	GR-FS-20-0187-HG
Anchor Bolt Type	Fischer FBN II Mechanical
Drill Type	Masonry Bit
Drill Diameter	Ø20mm
Min. Drill Hole Depth	115mm
Anchor Torque	200Nm

TITLE: Carpark Barriers - Rhino-Stop® Heavy Duty Rhino-Stop® Heavy Duty Type 3 GuardRail & Sight Rail General Arrangement

DWG NO: SD-CP-05003

REVISION: B

SHEET SIZE: A4

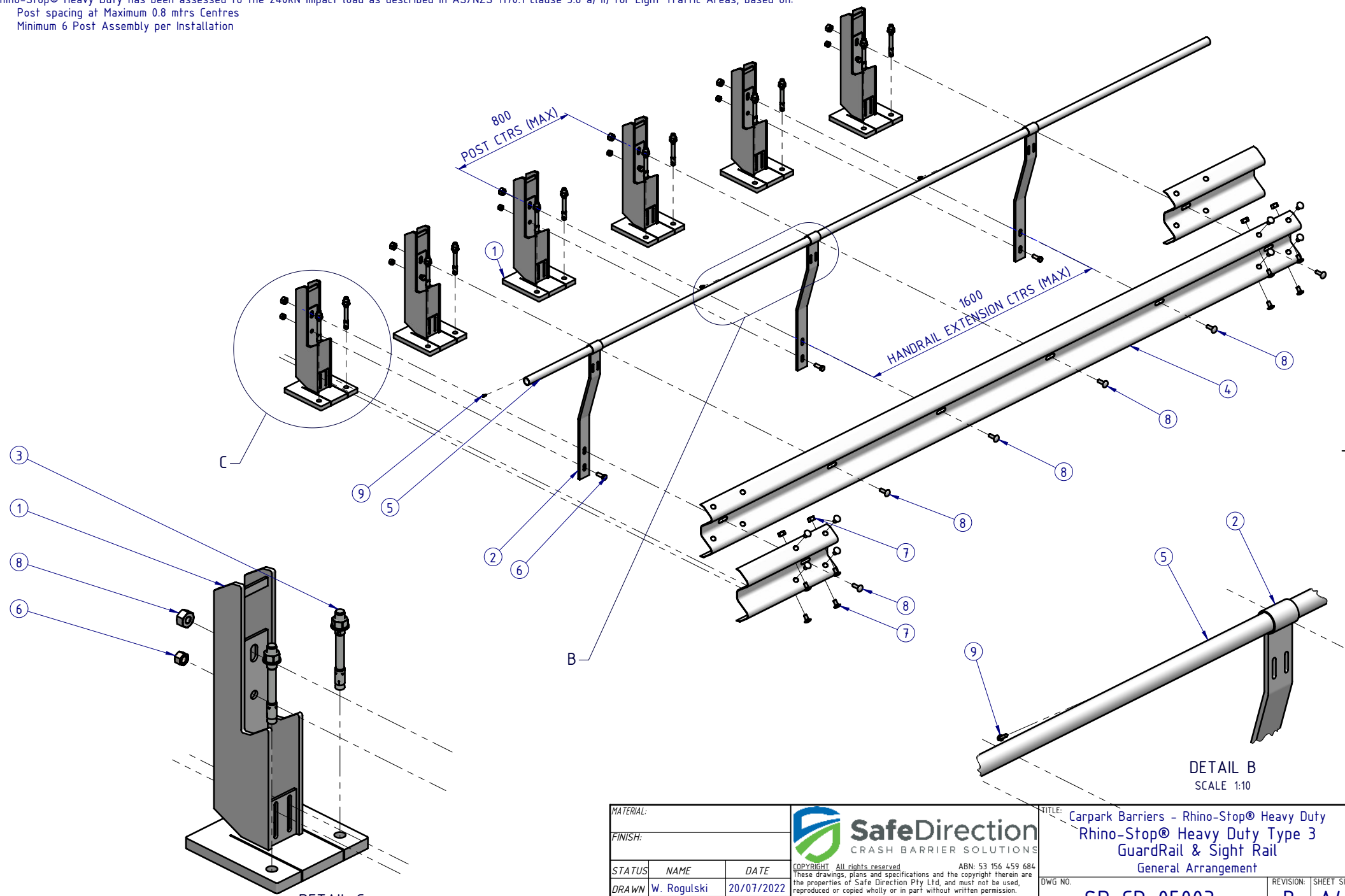
WEIGHT: 780.9kg

SCALE: 1:25

SHEET 1 of 3



Rhino-Stop® Heavy Duty 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:

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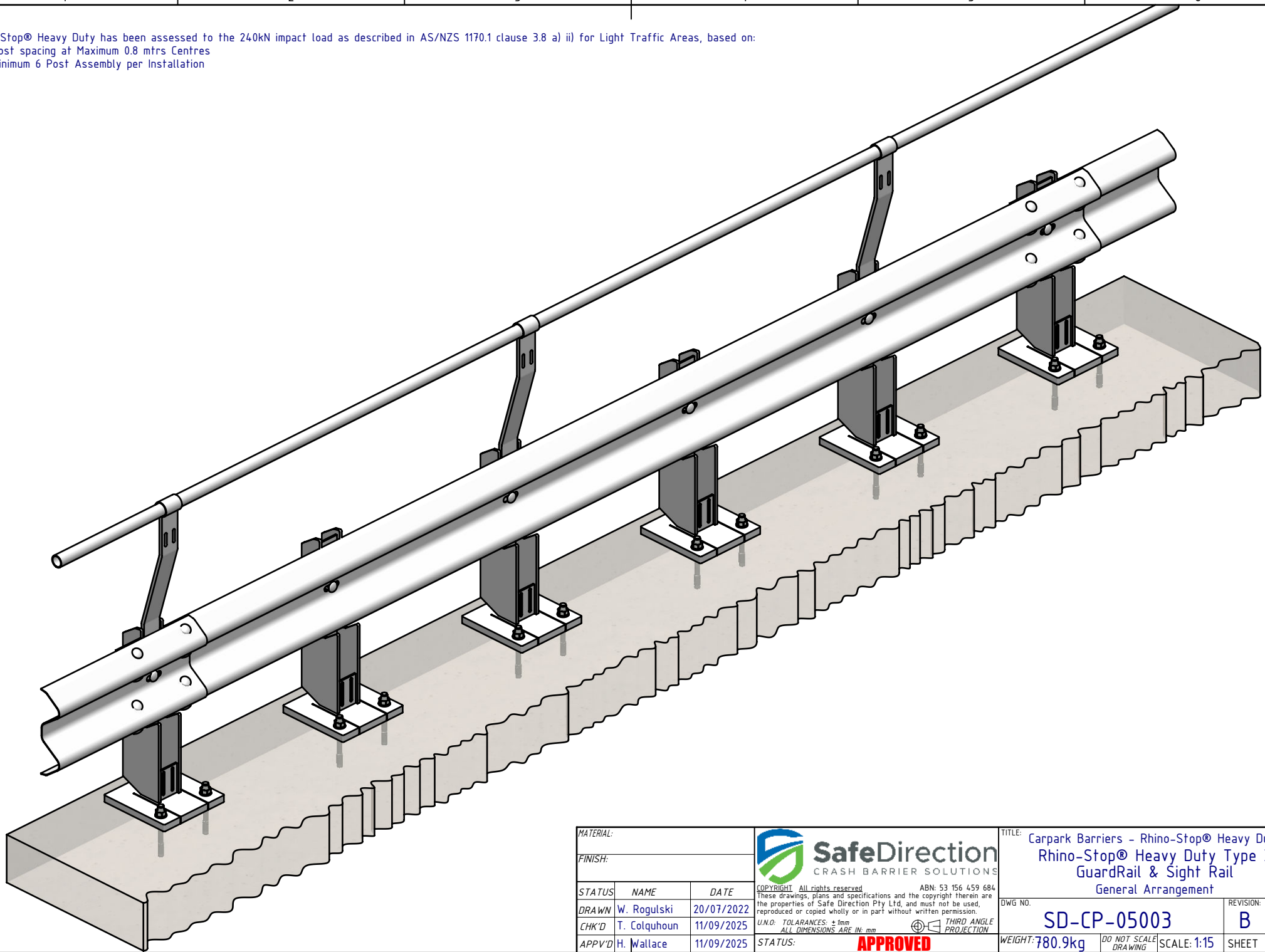
DETAIL C
SCALE 1:10




DETAIL B
SCALE 1:10

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - Rhino-Stop® Heavy Duty Rhino-Stop® Heavy Duty Type 3 GuardRail & Sight Rail General Arrangement			
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STATUS	NAME	DATE	<small>U.N.O: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>	 THIRD ANGLE PROJECTION	DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	20/07/2022	APPROVED	WEIGHT: 780.9kg	SD-CP-05003	B	A4
CHK'D	T. Colquhoun	11/09/2025					
APPV'D	H. Wallace	11/09/2025					
			<small>DO NOT SCALE DRAWING</small>		SCALE: 1:25	SHEET 2 of 3	

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

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



MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - Rhino-Stop® Heavy Duty Rhino-Stop® Heavy Duty Type 3 GuardRail & Sight Rail General Arrangement		
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STATUS	NAME	DATE	<small> U.N.O: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm </small>  THIRD ANGLE PROJECTION	DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	20/07/2022		SD-CP-05003	B	A4
CHK'D	T. Colquhoun	11/09/2025		WEIGHT: 780.9kg		
APPV'D	H. Wallace	11/09/2025		SCALE: 1:15		SHEET 3 of 3
STATUS:			 APPROVED			