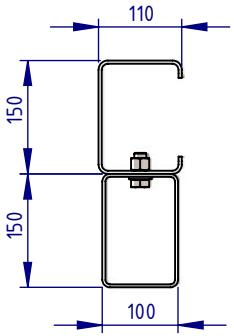
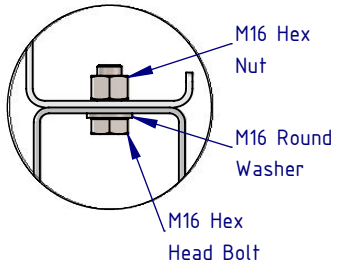
NOTES:

1. G4 W-Beam with RocketBloc has been crash tested in accordance with MASH Test Level 3 (TL3).
2. Recorded MASH TL3 deflection = 1.0m (2270kg Pickup Truck travelling at 100km/h and 25 degrees)

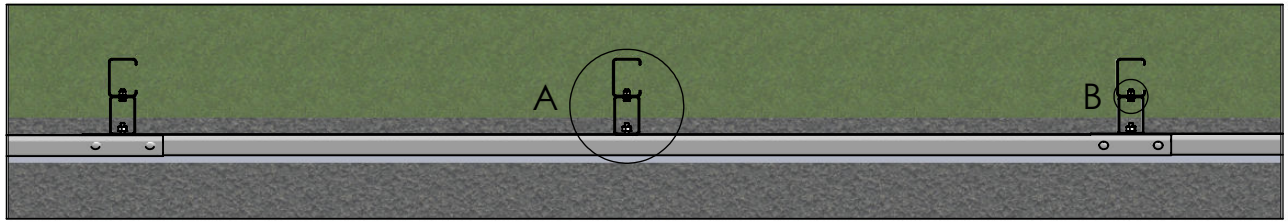
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPROVED
A		Initial Issue	16/02/2024	HW
B		RocketBloc Part Updated	04/04/2024	HW



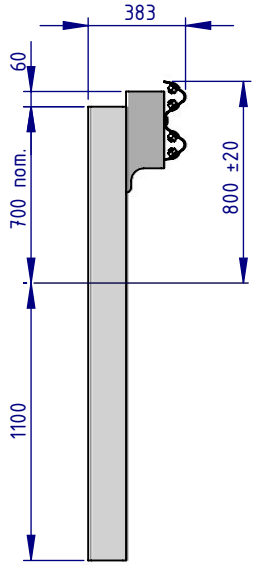
DETAIL A
POST & BLOCK
PLAN



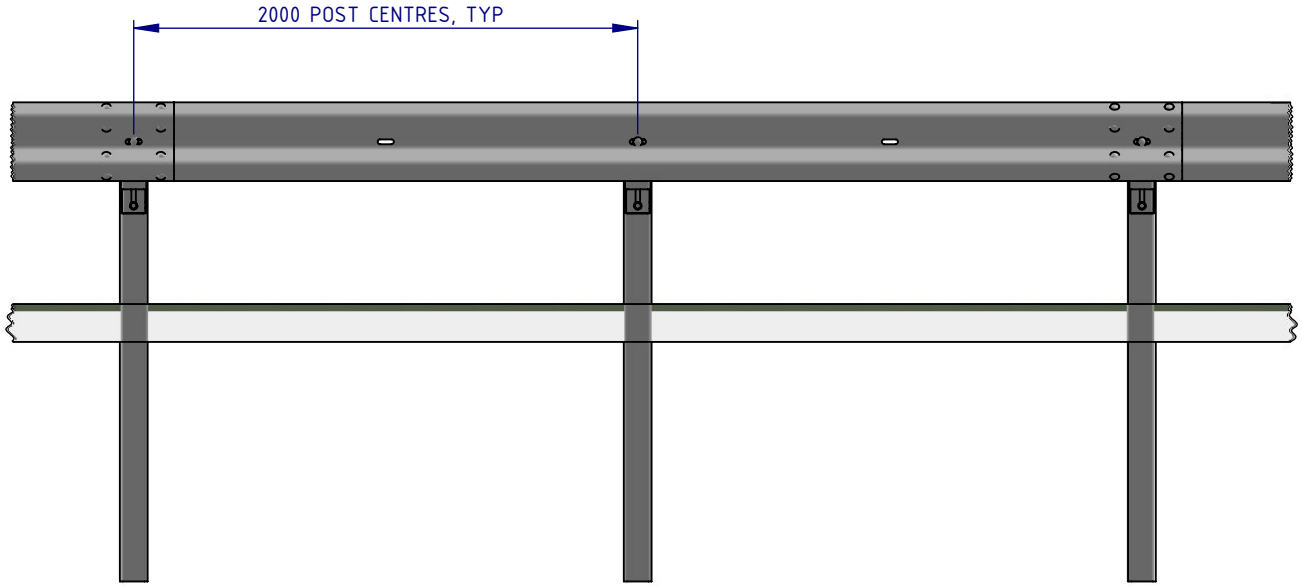
DETAIL B
BLOCK TO POST
CONNECTION



PLAN VIEW



SIDE ELEVATION



FRONT ELEVATION

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Refahi	16/02/2024
CHK'D	T. Colquhoun	16/02/2024
APPV'D	H. Wallace	16/02/2024

SafeDirection
CRASH BARRIER SOLUTIONS

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ABN: 53 156 459 684

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

THIRD ANGLE PROJECTION

STATUS: APPROVED

TITLE:
Road Barriers - RocketBloc
G4 W-Beam with RocketBloc
2m Ctrs
General Arrangement

DWG NO. SD-RB-15001

REVISION: B

SHEET SIZE: A3

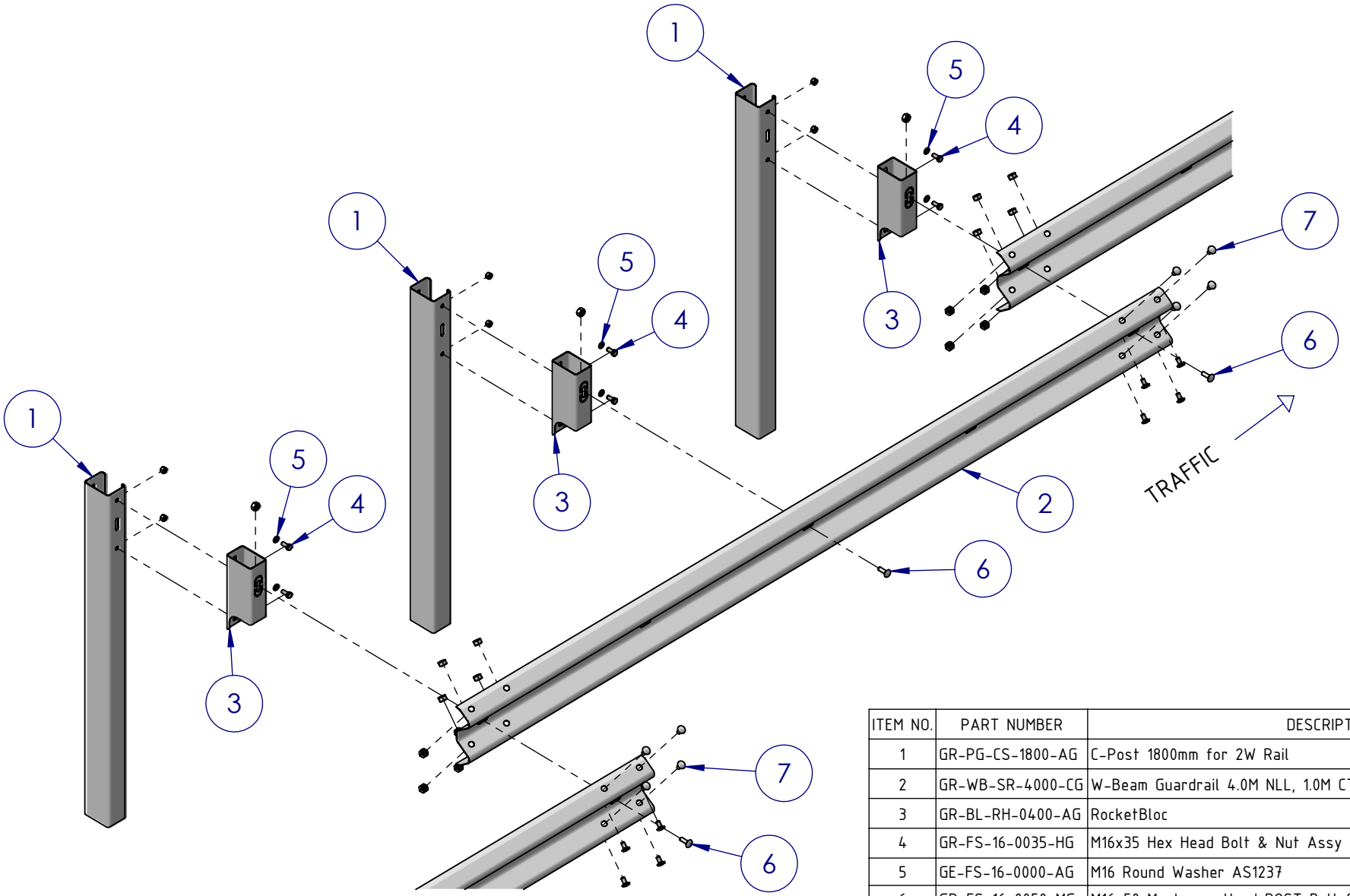
WEIGHT: kg

DO NOT SCALE DRAWING

SCALE: 1:25

SHEET 1 of 3

C:\Users\wesam.refahi\Documents\SDSYD\SD\Assembly\SD-RB Road Barriers\SD-RB-15000 G4 W-Beam with RocketBloc\SD-RB-15001 - G4 W-Beam with RocketBloc, 2m Ctrs\ Thursday, 4 April 2024 1:42:44 PM



ISOMETRIC EXPLODED VIEW

ITEM NO.	PART NUMBER	DESCRIPTION
1	GR-PG-CS-1800-AG	C-Post 1800mm for 2W Rail
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS
3	GR-BL-RH-0400-AG	RocketBloc
4	GR-FS-16-0035-HG	M16x35 Hex Head Bolt & Nut Assy
5	GE-FS-16-0000-AG	M16 Round Washer AS1237
6	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6
7	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8

MATERIAL:

FINISH:

STATUS	NAME	DATE
DRAWN	W. Refahi	16/02/2024
CHK'D	T. Colquhoun	16/02/2024
APPV'D	H. Wallace	16/02/2024

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THIRD ANGLE PROJECTION

STATUS: APPROVED

TITLE:
Road Barriers - RocketBloc
G4 W-Beam with RocketBloc
2m Ctrs
General Arrangement

DWG NO. SD-RB-15001

REVISION: B

SHEET SIZE: A3

WEIGHT: kg

DO NOT SCALE DRAWING

SCALE: 1:25

SHEET 2 of 3

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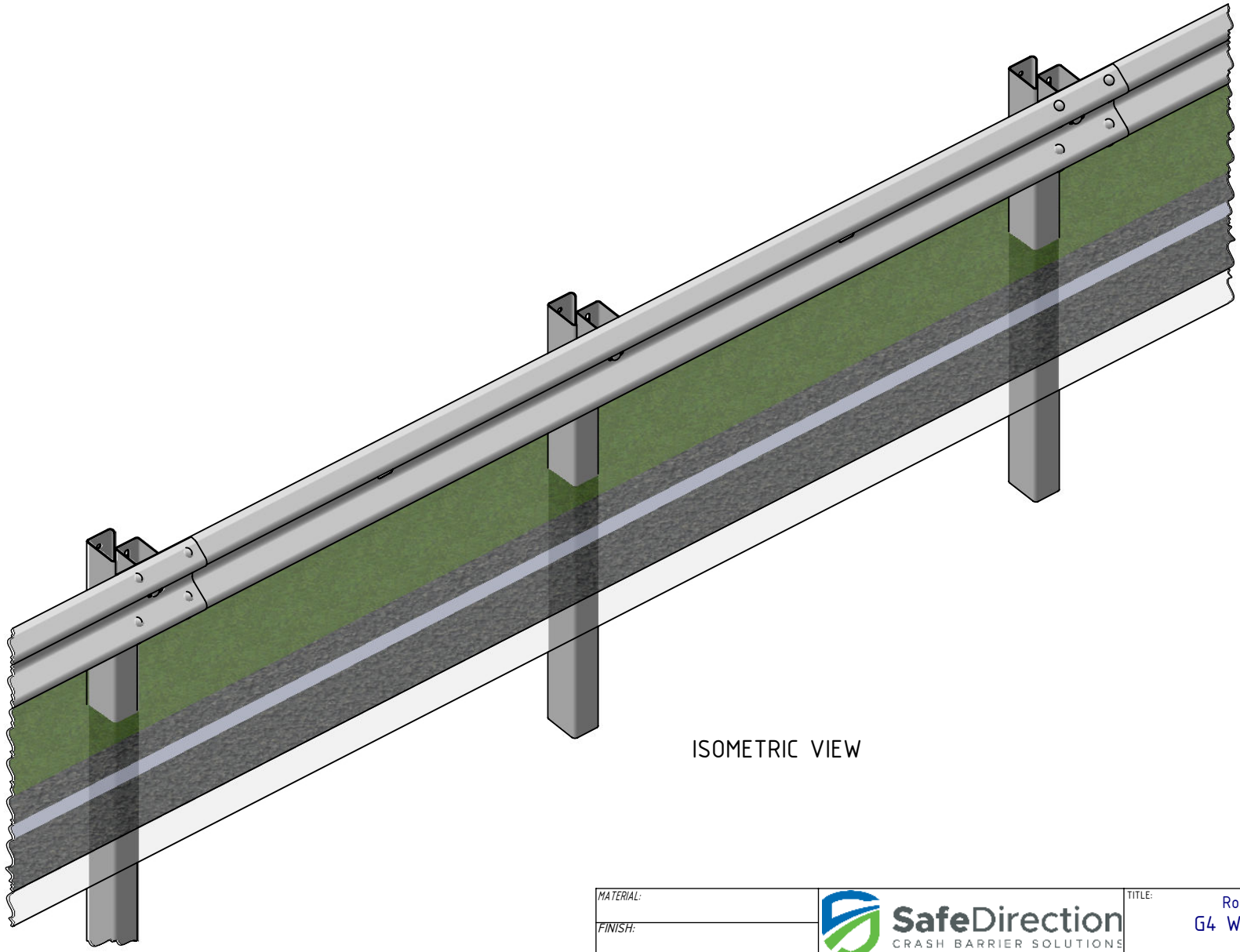

ISOMETRIC VIEW

MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Refahi	16/02/2024
CHK'D	T. Colquhoun	16/02/2024
APPV'D	H. Wallace	16/02/2024

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ABN: 53 156 459 684

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

THIRD ANGLE PROJECTION

STATUS: APPROVED

TITLE:
Road Barriers - RocketBloc
G4 W-Beam with RocketBloc
2m Ctrs
General Arrangement

DWG NO.	REVISION:	SHEET SIZE
SD-RB-15001	B	A3

WEIGHT: kg | DO NOT SCALE DRAWING | SCALE: 1:25 | SHEET 3 of 3

C:\Users\wesam.refahi\Documents\SDSYD\SD\Assembly\SD-RB Road Barriers\SD-RB-15000 G4 W-Beam with RocketBloc\SD-RB-15001 - G4 W-Beam with RocketBloc, 2m Ctrs\ Thursday, 4 April 2024 1:42:44 PM