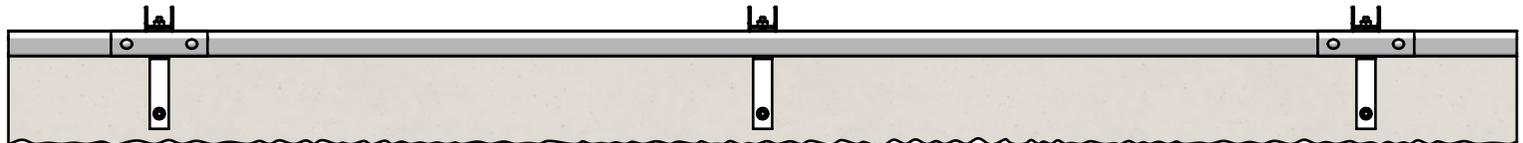


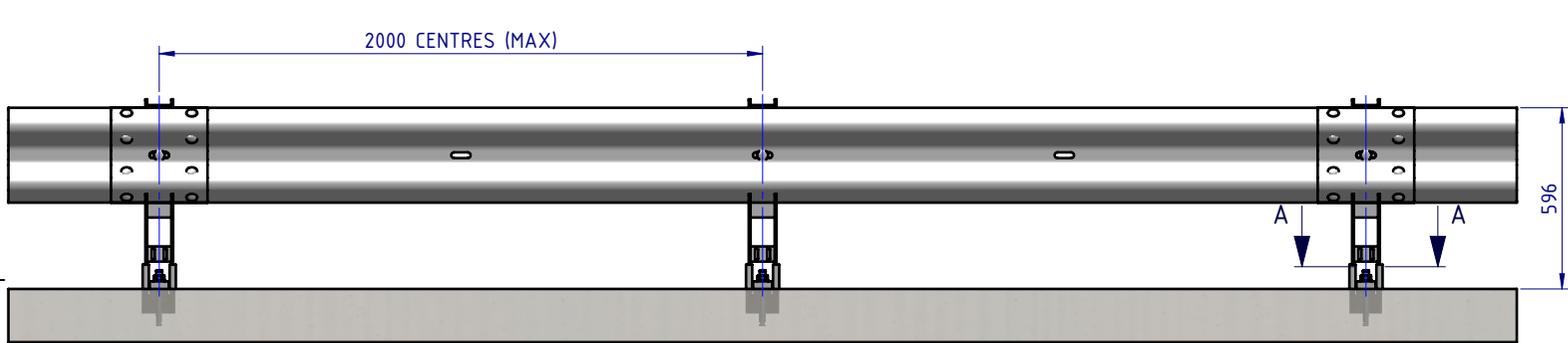
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	12.9 kJ	4 m w-beam supported by three (3) posts at 2.0 m centres positioned on the outside edge of a 150 mm elevated concrete slab.

REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		Original Issue, supersedes GR-WB-030	04/05/2022	HW
B		PERFORMANCE & INSTALLATION REQ. TABLES ADDED	27/10/2025	HW

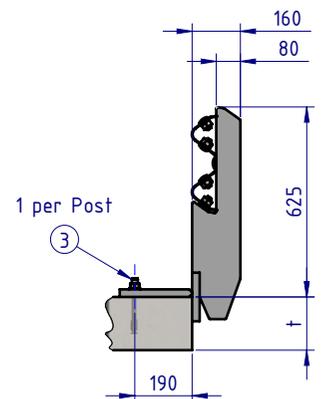
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	1 off	150 mm



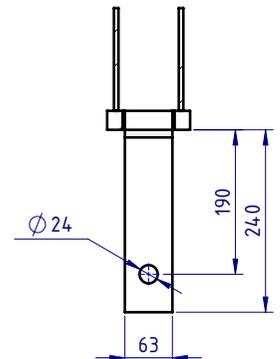
PLAN VIEW



FRONT ELEVATION



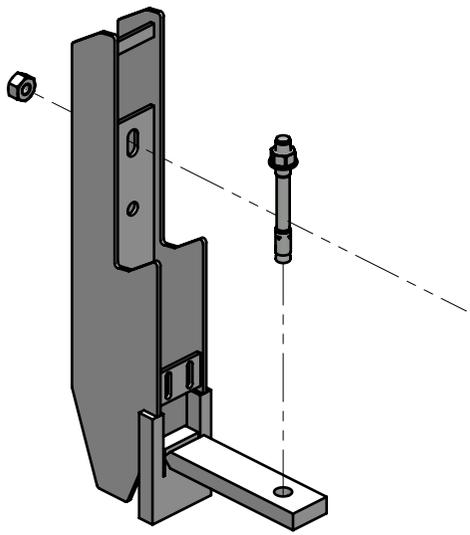
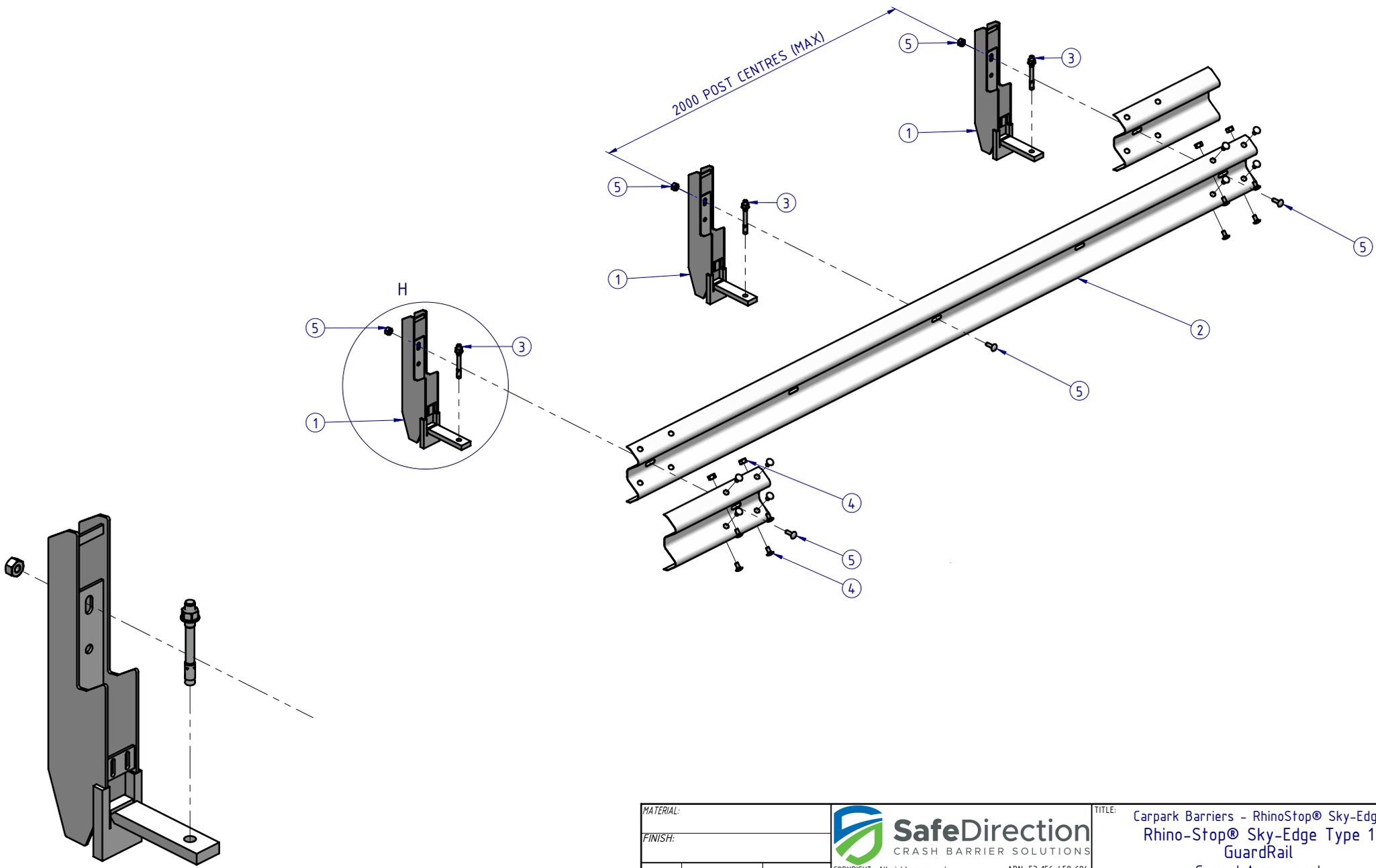
SIDE ELEVATION



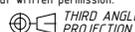
SECTION A-A  
BASE PLATE DETAIL  
SCALE 1:10

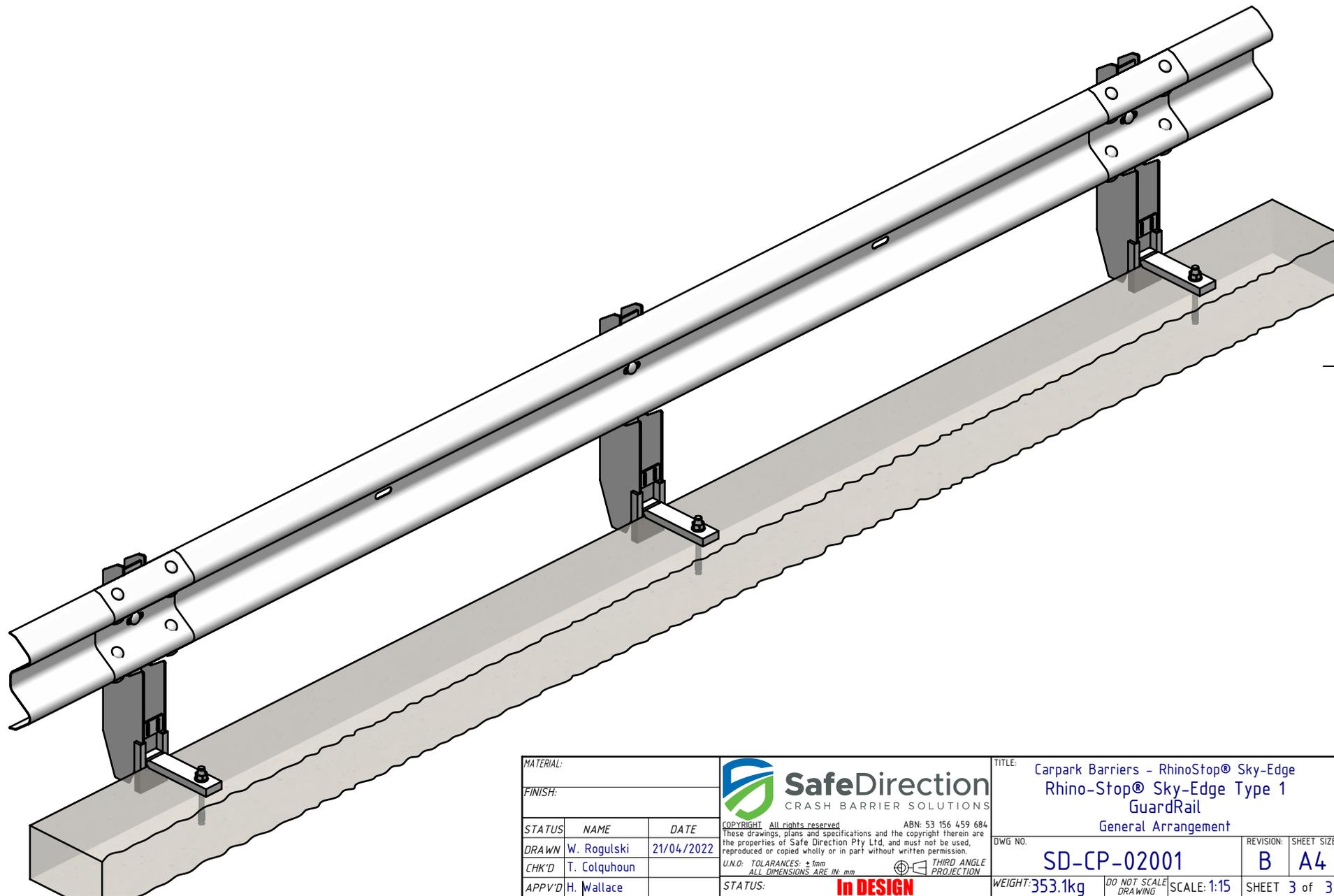
BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-IS-0700-AG	Rhino-Stop® Sky Edge Post	13.7
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
3	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
4	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2
5	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2

MATERIAL:			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 1 GuardRail General Arrangement		
FINISH:				DWG NO. SD-CP-02001 REVISION: B SHEET SIZE A4		
STATUS	NAME	DATE	<small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684</small> <small>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.</small>			WEIGHT: 353.1kg
DRAWN	W. Rogulski	21/04/2022	<small>U.N.O. TOLERANCES: ±1mm</small> <small>ALL DIMENSIONS ARE IN: mm</small>			SCALE: 1:25
CHK'D	T. Colquhoun		<small>THIRD ANGLE PROJECTION</small>			SHEET 1 of 3
APPV'D	H. Wallace		<b>STATUS: In DESIGN</b>			



DETAIL H  
SCALE 1:10

MATERIAL:			 <b>SafeDirection</b> CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 1 GuardRail General Arrangement				
FINISH:				<small>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.</small>	DWG NO:	REVISION:	SHEET SIZE:	
STATUS	NAME	DATE	<small>U.N.O. TOLARANCES: ±1mm          ALL DIMENSIONS ARE IN: mm</small>  THIRD ANGLE PROJECTION	SD-CP-02001			B	A4
DRAWN	W. Rogulski	21/04/2022		STATUS:	WEIGHT: 353.1kg	DO NOT SCALE DRAWING	SCALE: 1:25	SHEET 2 of 3
CHK'D	T. Colquhoun			<b>In DESIGN</b>				
APPV'D	H. Wallace							



MATERIAL:		
FINISH:		
STATUS	NAME	DATE
DRAWN	W. Rogulski	21/04/2022
CHK'D	T. Colquhoun	
APPV'D	H. Wallace	


**SafeDirection**  
 CRASH BARRIER SOLUTIONS

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

STATUS: **In DESIGN**

TITLE: Carpark Barriers - RhinoStop® Sky-Edge Rhino-Stop® Sky-Edge Type 1 GuardRail General Arrangement			
DWG NO:	SD-CP-02001	REVISION:	SHEET SIZE
WEIGHT: 353.1kg	DO NOT SCALE DRAWING	SCALE: 1:15	B A4
SHEET 3 of 3		SHEET 3 of 3	