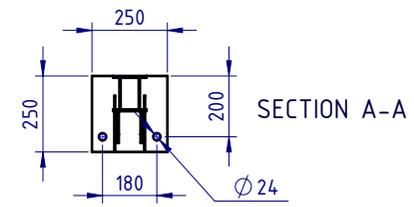
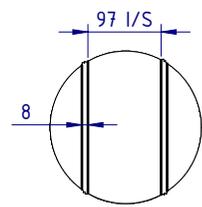
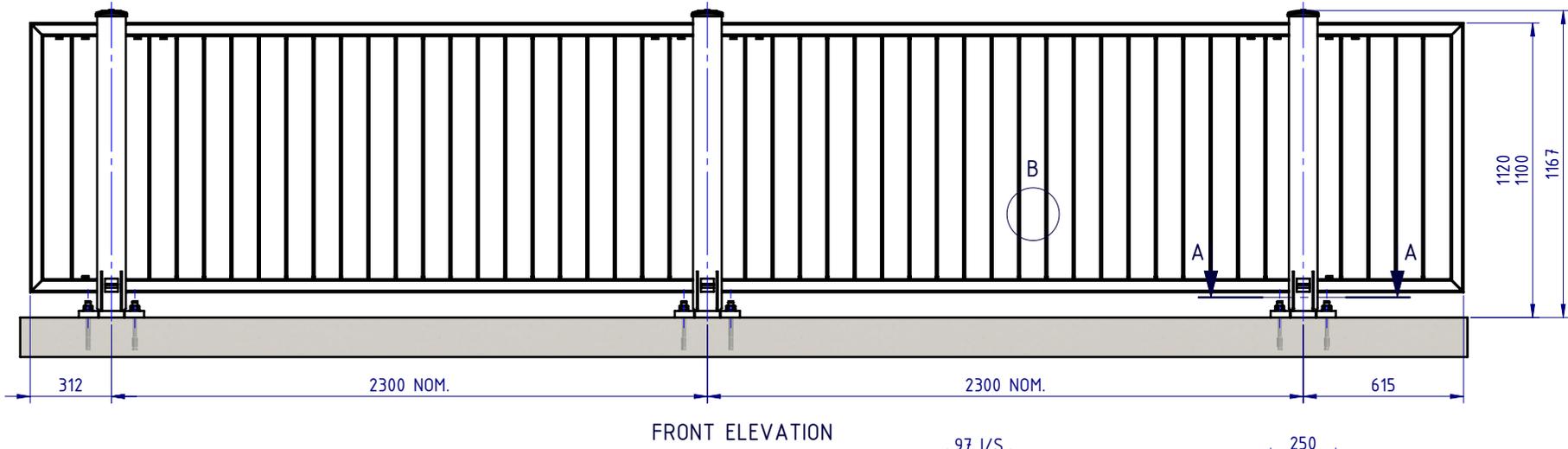
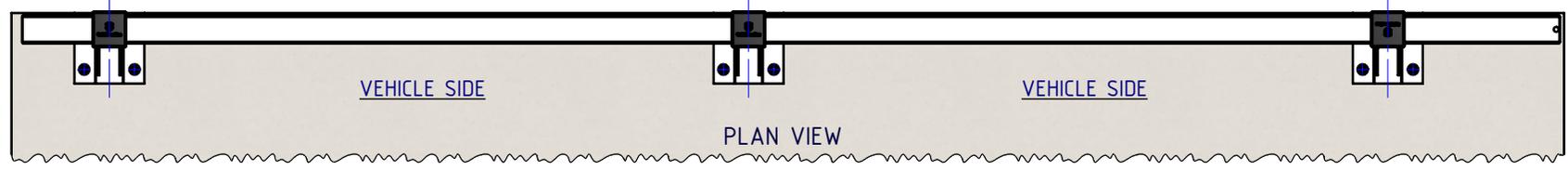


Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
1500 kg	15 km/h	0.5 m	13.2 kJ	One (1) panel supported by two (2) posts at 2.3 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.
2000 kg	22 km/h	0.5 m	37.2 kJ	Three (3) panels supported by four (4) posts at 2.3 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.
2000 kg	20 km/h	1.0 m	31.4 kJ	Two (2) panels supported by three (3) posts at 2.3 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.

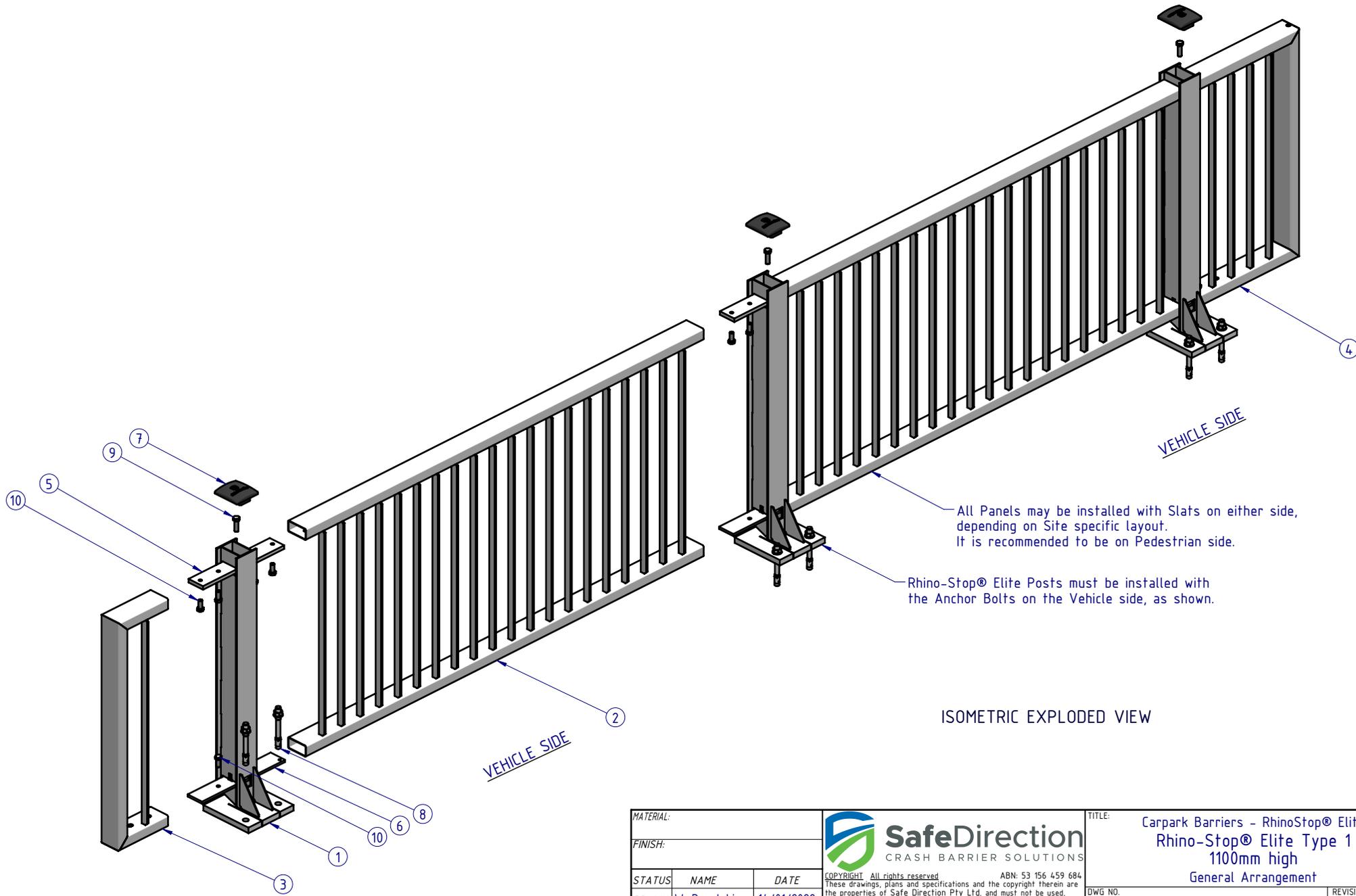
REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPV'D
A		ORIGINAL ISSUE	06/01/2016	TC
B		Redrawn from AutoCAD		
C		Updated Post pitch to 2300mm nominal	9/02/2022	HW
D		Performance & Installation Req. Tables Added	17/11/2025	HW

Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	2 off	150 mm

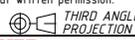


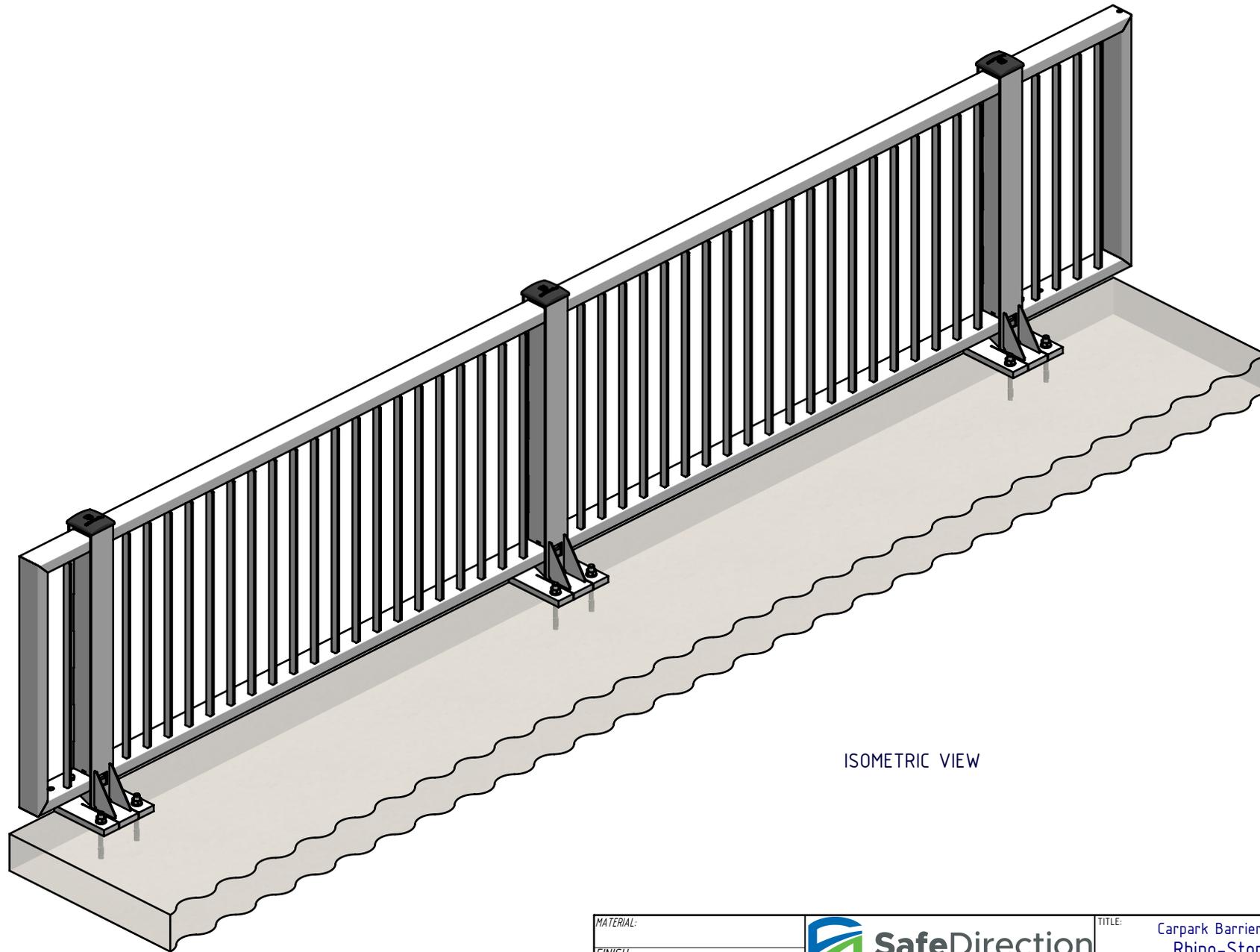
BOM				Weight
ITEM NO.	QTY	PART NUMBER	DESCRIPTION	kg
1	3	RE-PB-RS-1150-AG	Rhino-Stop® Elite Post	30.8
2	2	RE-IP-SR-2205-AG	Rhino-Stop® Intermediate Panel	63.7
3	1	RE-EP-SR-0277-AG	Rhino-Stop® End Panel 272mm	11.4
4	1	RE-EP-SR-0575-AG	Rhino-Stop® End Panel 575mm	20.6
5	3	RE-JP-TP-0450-AG	Top Joiner Plate	4.4
6	3	RE-JP-BP-0460-AG	Bottom Joiner Plate	3.0
7	3	RE-PC-MX-0000-BL	Rhino-Stop® Elite Post Cap Black	0.1
8	6	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
9	3	GR-FS-16-0050-HZ	M16x50 Hex Head Bolt Class 4.6 HDG	
10	14	GR-FS-16-0035-HZ	M16x35 Hex Head Bolt Class 4.6 HDG	

MATERIAL: FINISH:		SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Elite Rhino-Stop® Elite Type 1 1100mm high General Arrangement	
STATUS: DRAWN: W. Rogulski 14/01/2022 CHK'D: T. Colquhoun 18/02/2026 APPV'D: H. Wallace 18/02/2026			DWG NO.: SD-CP-04001	REVISION: D
WEIGHT: 1784.1kg		APPROVED	SCALE: 1:25	SHEET 1 of 3



ISOMETRIC EXPLODED VIEW

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - RhinoStop® Elite Rhino-Stop® Elite Type 1 1100mm high 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. SD-CP-04001	REVISION: D	SHEET SIZE: A4	
STATUS	NAME	DATE	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>  APPROVED		WEIGHT: 1784.1kg		DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 2 of 3	
DRAWN	W. Rogulski	14/01/2022			SD-CP-04001		SD-CP-04001		SD-CP-04001	
CHK'D	T. Colquhoun	18/02/2026			SD-CP-04001		SD-CP-04001		SD-CP-04001	
APPV'D	H. Wallace	18/02/2026			SD-CP-04001		SD-CP-04001		SD-CP-04001	



ISOMETRIC VIEW

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - RhinoStop® Elite Rhino-Stop® Elite Type 1 1100mm high 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: TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>  THIRD ANGLE PROJECTION	SD-CP-04001			D	A4	
DRAWN	W. Rogulski	14/01/2022		WEIGHT: 1784.1kg			DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 3 of 3
CHK'D	T. Colquhoun	18/02/2026		STATUS: APPROVED					
APPV'D	H. Wallace	18/02/2026							