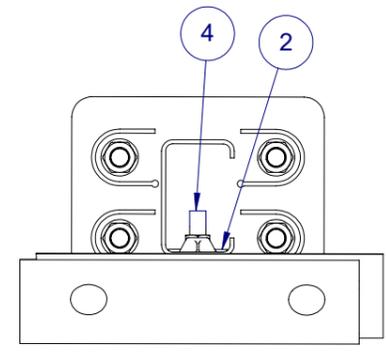
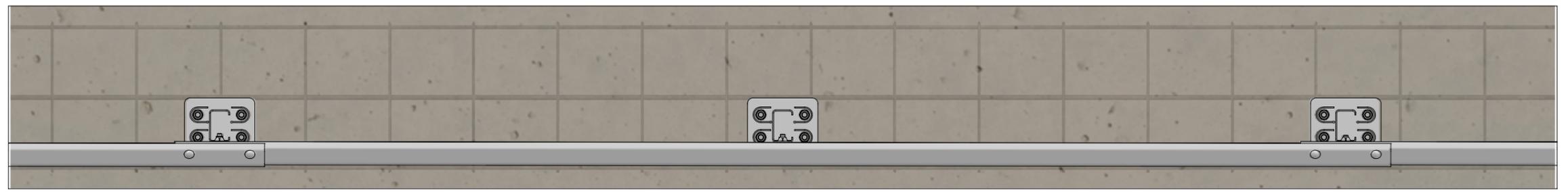


REVISIONS				
REV.	ZONE	DESCRIPTION	DATE	APPVD
A		Initial Issue	12/07/2023	HW

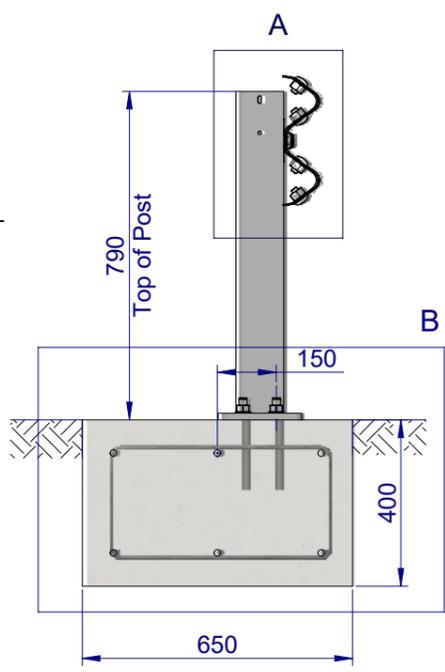
No.	Part Number	Description
1	GR-PG-SW-0790-AG	Sentry Post on 16 mm Base Plate
2	GR-FS-SW-WASH-AG	Sentry Guardrail Washer
3	GR-FS-16-0032-MG	M16 x 32 Splice Bolt & Nut for Rail Connection
4	GR-FS-16-0040-AG	M16 x 40 mm Galv Sentry
5	GR-WB-SR-4000-CG	4.0m Standard W-Beam



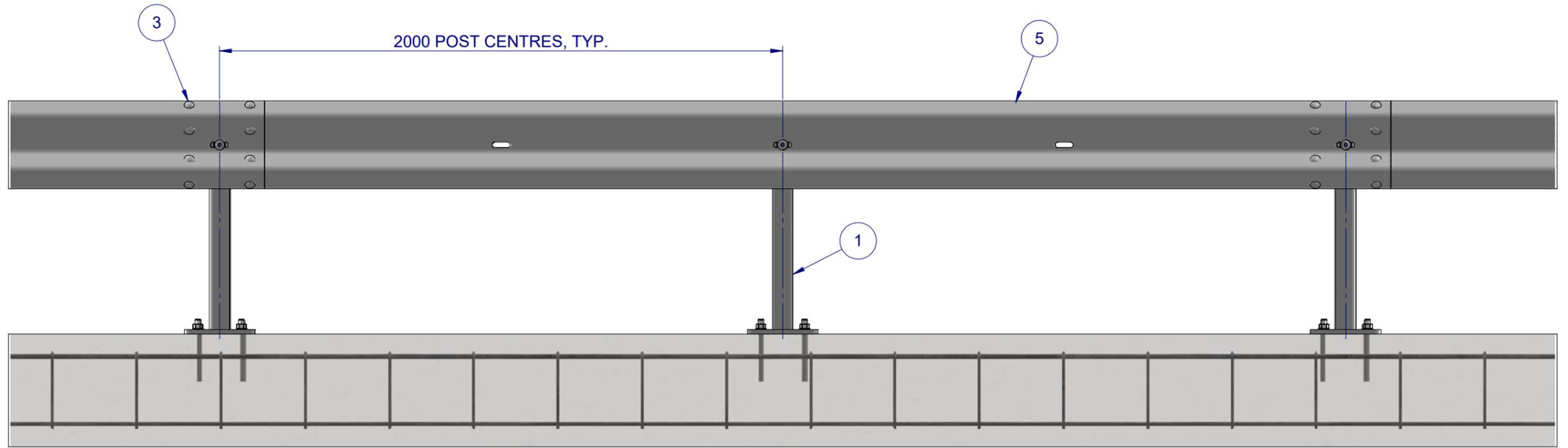
Post Plan View
SCALE 1:7



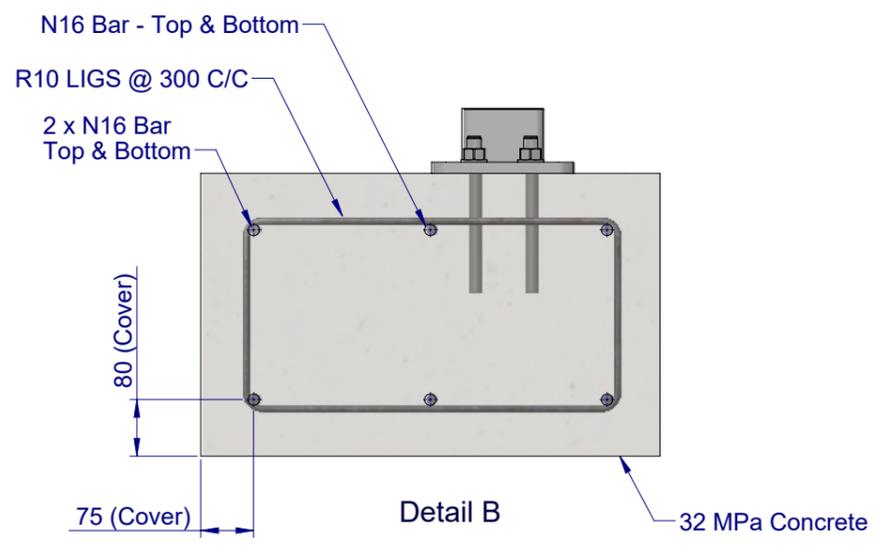
Plan View



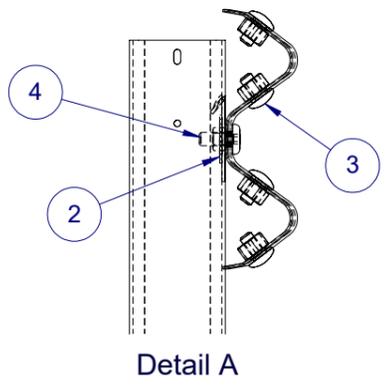
Side View
Concrete Strip Footing Detail



Front Elevation View



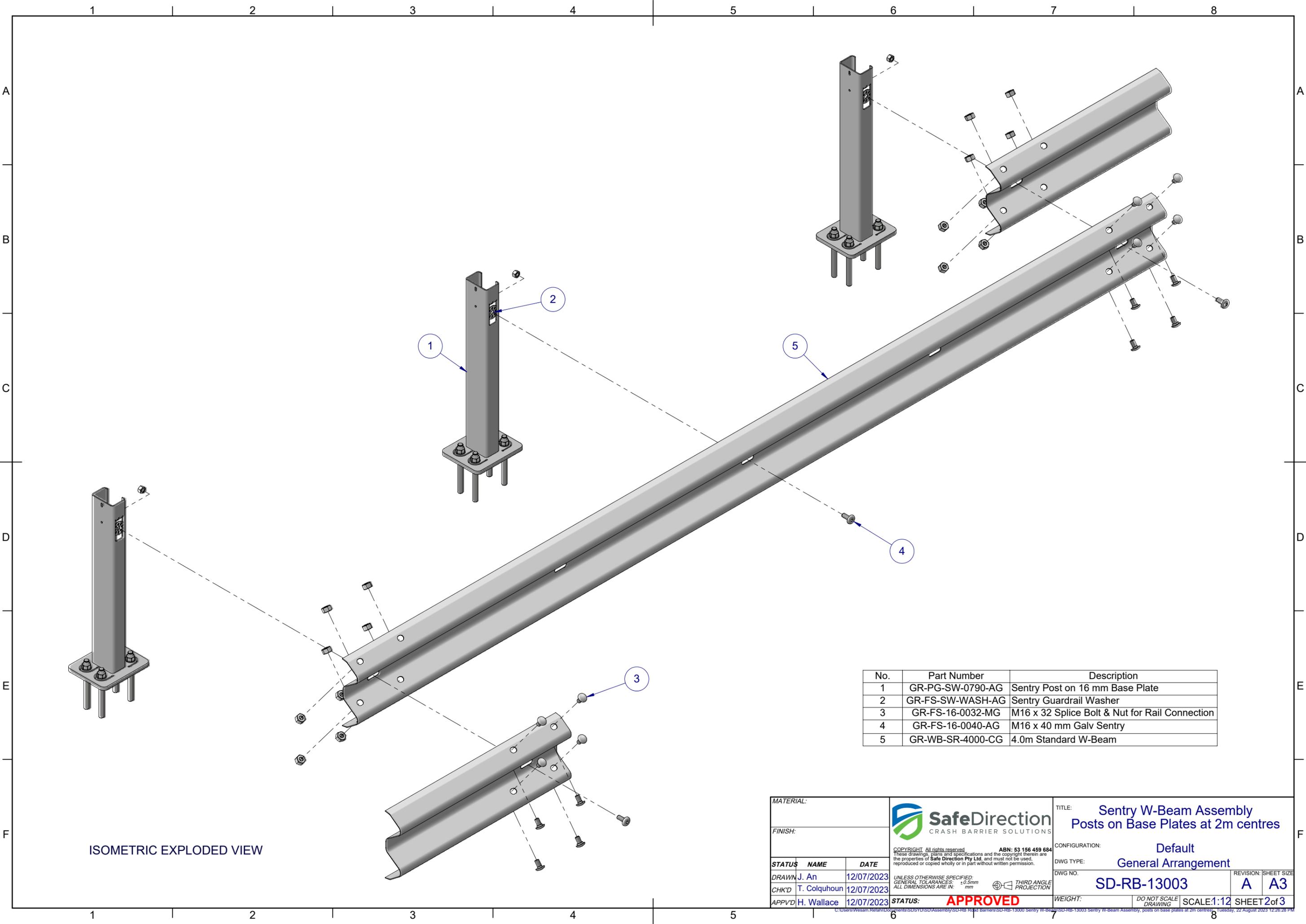
Detail B



Detail A

- Notes:
1. Fixing bolts to be M20 GR 8.8 threaded rods fixed with HILTI RE-500 epoxy
 2. Minmum fixing bolt embedment depth : 170 mm
 3. Minmum concrete substrate thickness : 270 mm
 4. Assumed soil conditions : Friction angle (30°), Soil density (19 kN/m³), Allowable bearing capacity (100 kPa), Minimum CBR (8)
 5. Minmum length of ground footing (19m)

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FINISH:			CONFIGURATION: Default	
STATUS	NAME	DATE	DWG TYPE: General Arrangement	
DRAWN	J. An	12/07/2023	DWG NO. SD-RB-13003	
CHK'D	T. Colquhoun	12/07/2023	REVISION: A	SHEET SIZE: A3
APPVD	H. Wallace	12/07/2023	WEIGHT: SCALE: 1:17	
UNLESS OTHERWISE SPECIFIED: GENERAL TOLERANCES: ±0.5mm ALL DIMENSIONS ARE IN: mm		THIRD ANGLE PROJECTION		SHEET 1 of 3
STATUS: APPROVED		DO NOT SCALE DRAWING		



ISOMETRIC EXPLODED VIEW

No.	Part Number	Description
1	GR-PG-SW-0790-AG	Sentry Post on 16 mm Base Plate
2	GR-FS-SW-WASH-AG	Sentry Guardrail Washer
3	GR-FS-16-0032-MG	M16 x 32 Splice Bolt & Nut for Rail Connection
4	GR-FS-16-0040-AG	M16 x 40 mm Galv Sentry
5	GR-WB-SR-4000-CG	4.0m Standard W-Beam

MATERIAL:		 SafeDirection CRASH BARRIER SOLUTIONS <small>COPYRIGHT All rights reserved. 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>	TITLE: Sentry W-Beam Assembly Posts on Base Plates at 2m centres	
FINISH:			CONFIGURATION: Default	
STATUS	NAME	DATE	DWG TYPE: General Arrangement	
DRAWN	J. An	12/07/2023	DWG NO. SD-RB-13003	REVISION: SHEET SIZE A A3
CHK'D	T. Colquhoun	12/07/2023	SCALE: 1:12 SHEET 2 of 3	
APPVD	H. Wallace	12/07/2023	STATUS: APPROVED	WEIGHT: <small>DO NOT SCALE DRAWING</small>

