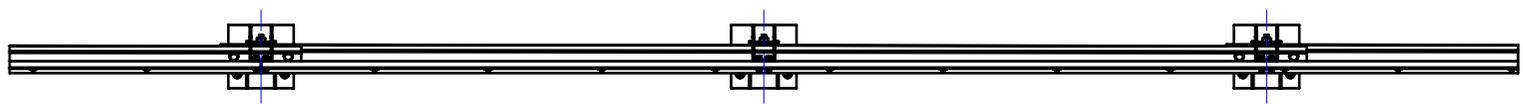


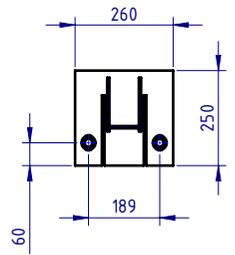
Crash Test Performance				
Vehicle Type	Impact Speed	Impact Height	Impact Energy	Barrier Configuration
2000 kg	16 km/h	0.5 m	20.5 kJ	6 m w-beam supported by four (4) posts at 2.0 m centres positioned on the outside edge of a 150 mm thick elevated concrete slab.
2000 kg	23 km/h	0.5 m	39.7 kJ	4 m w-beam supported by five (5) posts at 1.0 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	01/04/2022	HW
B		Performance & Installation Req. tables added	20/02/2026	HW

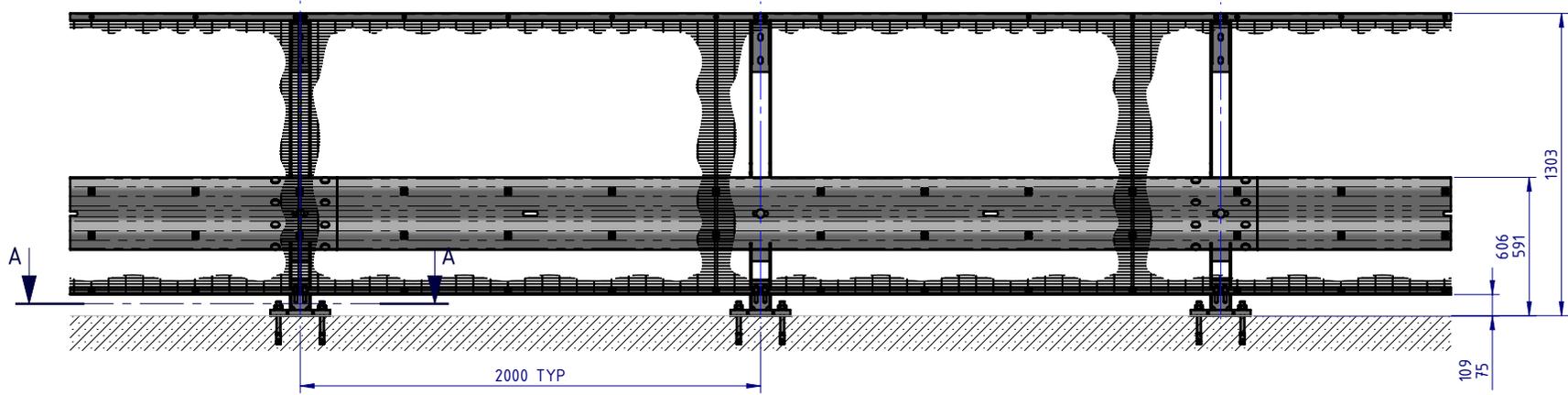
Installation Requirements				
Anchor Type	Drill Depth	Torque	Anchors per Post	Minimum Concrete Slab Thickness (t)
M20 Fischer FBN II	115 mm	200 Nm	2 off	150 mm



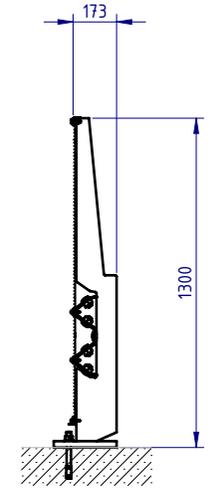
PLAN VIEW



SECTION A-A
Base Plate Detail
SCALE 1:20



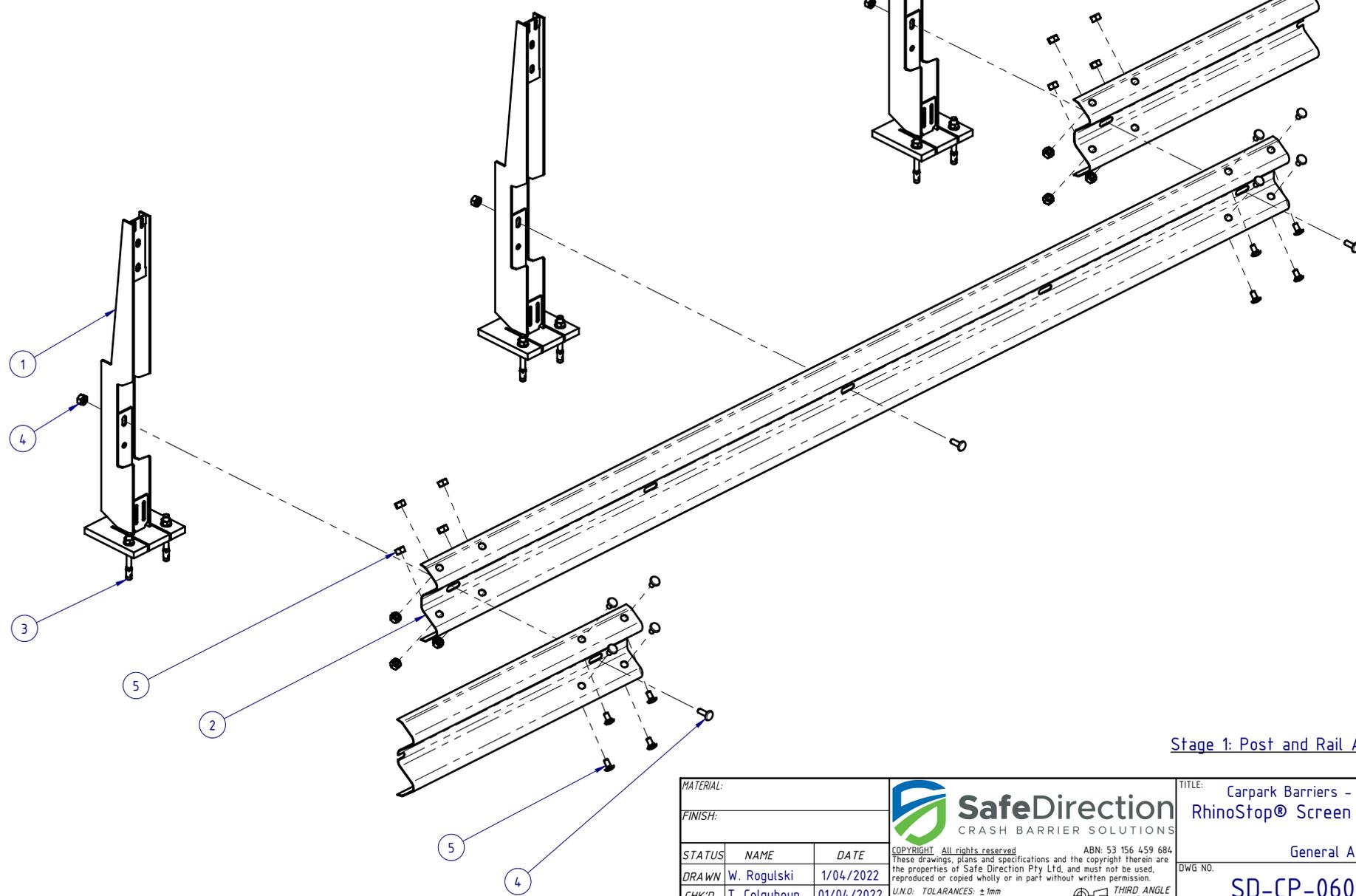
FRONT ELEVATION



SIDE ELEVATION

MATERIAL:			SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High	
FINISH:				General Arrangement	
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>		DWG NO.
DRAWN	W. Rogulski	1/04/2022	<small>U.N.O. TOLERANCES: ±1mm</small> <small>ALL DIMENSIONS ARE IN: mm</small>		REVISION: B
CHK'D	T. Colquhoun	01/04/2022	THIRD ANGLE PROJECTION		SHEET SIZE: A4
APPV'D	H. Wallace	01/04/2022	STATUS: APPROVED		WEIGHT: 176.1kg
			<small>DO NOT SCALE DRAWING</small>		SCALE: 1:30
					SHEET 1 of 7

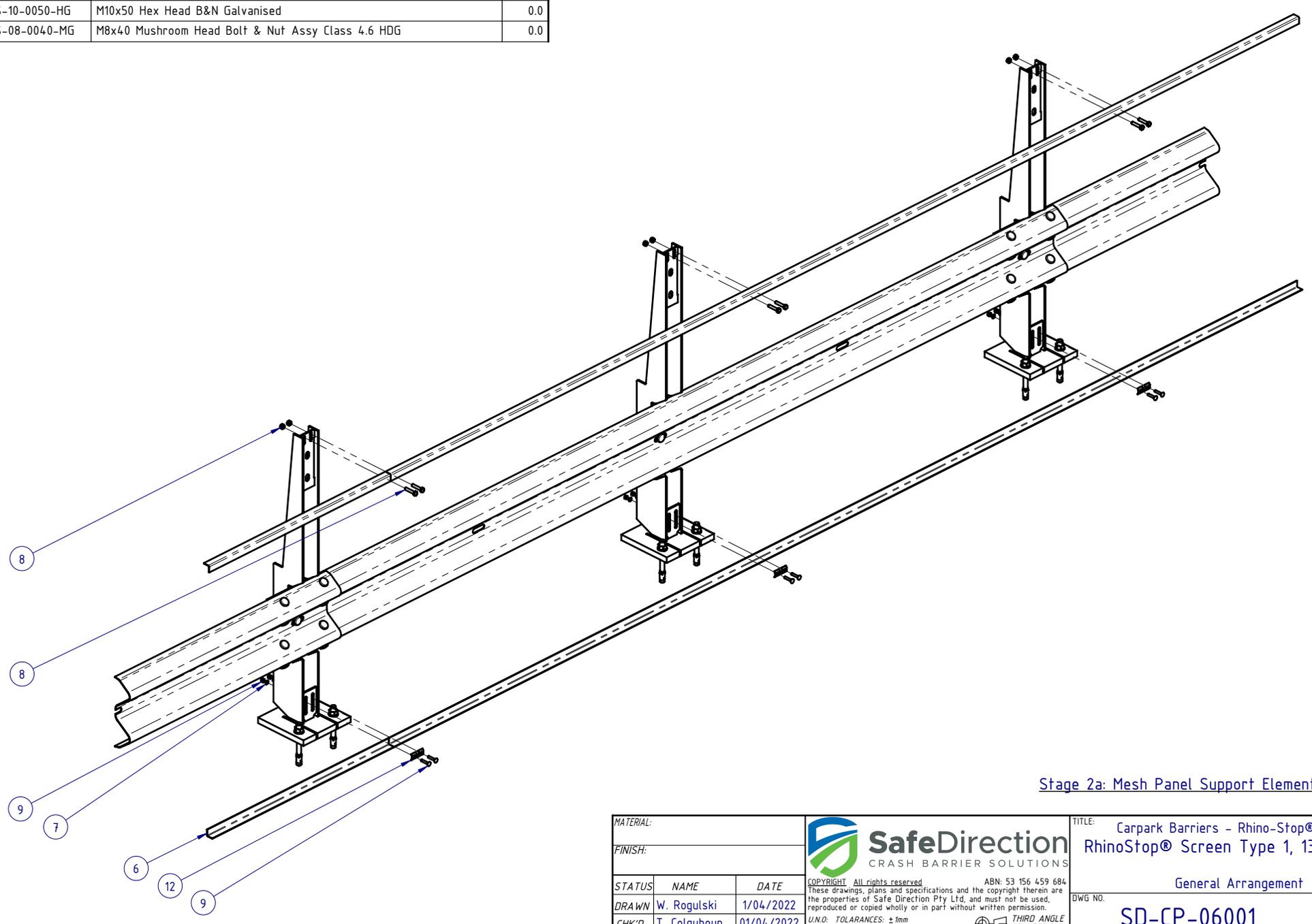
BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
1	GR-PB-IS-1300-AG	Rhino-Stop® Screen Post 1300mm high	25.6
2	GR-WB-SR-4000-CG	W-Beam Guardrail 4.0M NLL, 1.0M CTRS	43.3
3	GR-FS-20-0187-HG	FISCHER FBN II, M20x187mm	0.5
4	GR-FS-16-0050-MG	M16x50 Mushroom Head POST Bolt & Oversize Nut Assy Class 4.6	0.2
5	GR-FS-16-0032-MG	M16x32 Mushroom Head SPLICE Bolt & Oversize Nut Assy CL8.8	0.2



Stage 1: Post and Rail Assembly

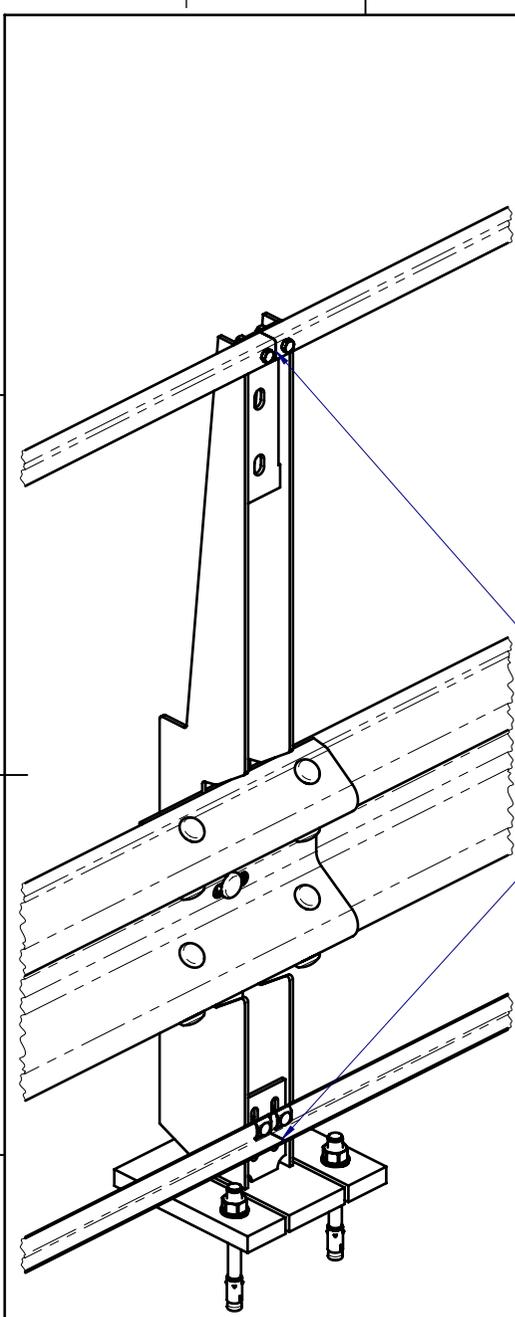
MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS	TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High		
FINISH:				General Arrangement		
STATUS	NAME	DATE	COPYRIGHT: All rights reserved. ABN: 53 156 459 684 These drawings, plans and specifications and the copyright therein are the properties of Safe Direction Pty Ltd, and must not be used, reproduced or copied wholly or in part without written permission.			
DRAWN	W. Rogulski	1/04/2022	DWG NO. SD-CP-06001			
CHK'D	T. Colquhoun	01/04/2022	REVISION: B			
APPV'D	H. Wallace	01/04/2022	SHEET SIZE A4			
U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm			THIRD ANGLE PROJECTION			
STATUS: APPROVED			WEIGHT: 176.1kg			
			DO NOT SCALE DRAWING			
			SCALE: 1:20			
			SHEET 2 of 7			

BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
6	GR-EA-30-6000-BG	Mesh Support Angle	6.6
7	GE-FS-08-0000-AG	M8 Plain Washer Class 4.6 HDG	
8	GR-FS-10-0050-HG	M10x50 Hex Head B&N Galvanised	0.0
9	GR-FS-08-0040-MG	M8x40 Mushroom Head Bolt & Nut Assy Class 4.6 HDG	0.0

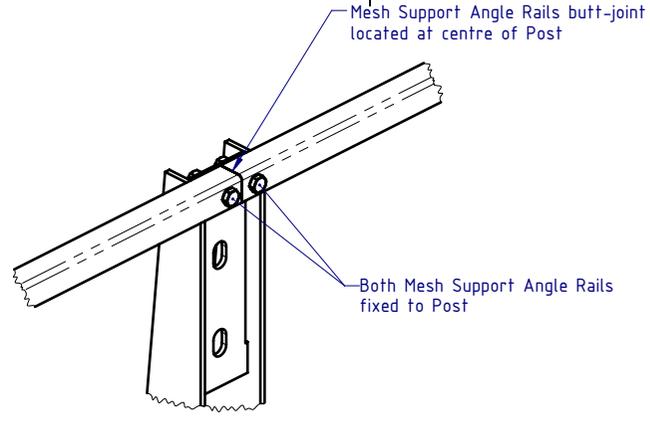


Stage 2a: Mesh Panel Support Elements Assembly

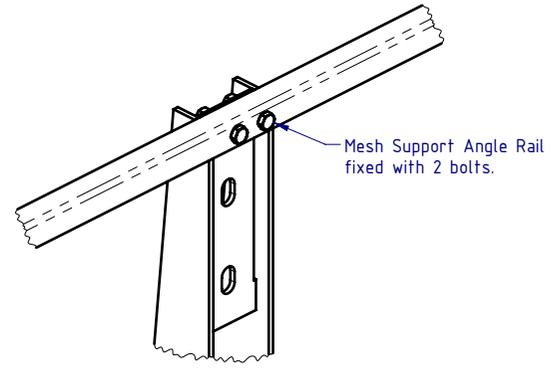
MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High			
FINISH:					General Arrangement			
STATUS	NAME	DATE	<small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684</small> <small>These drawings, plans and specifications 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> <small>U.N.O. TOLERANCES: ±1mm</small> <small>ALL DIMENSIONS ARE IN: mm</small>			DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	1/04/2022				SD-CP-06001	B	A4
CHK'D	T. Colquhoun	01/04/2022				APPROVED		
APPV'D	H. Wallace	01/04/2022						



DETAIL B
SCALE 1:10

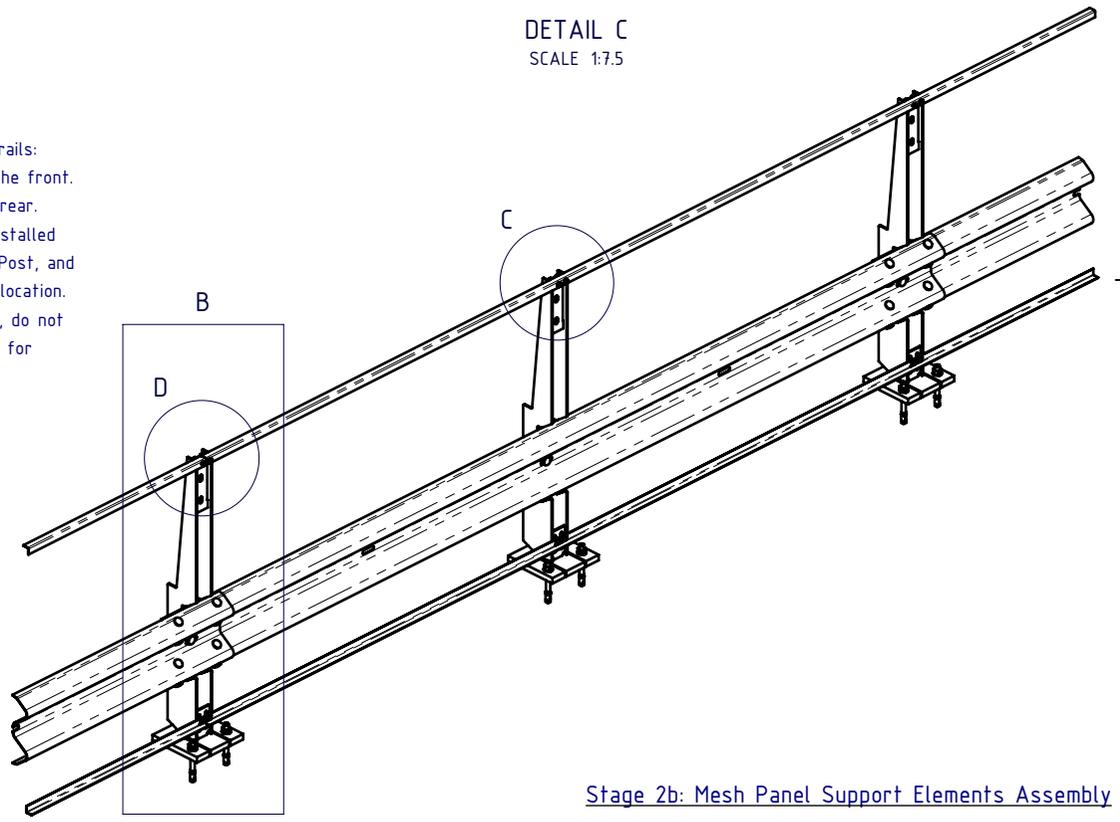


DETAIL D
SCALE 1:7.5



DETAIL C
SCALE 1:7.5

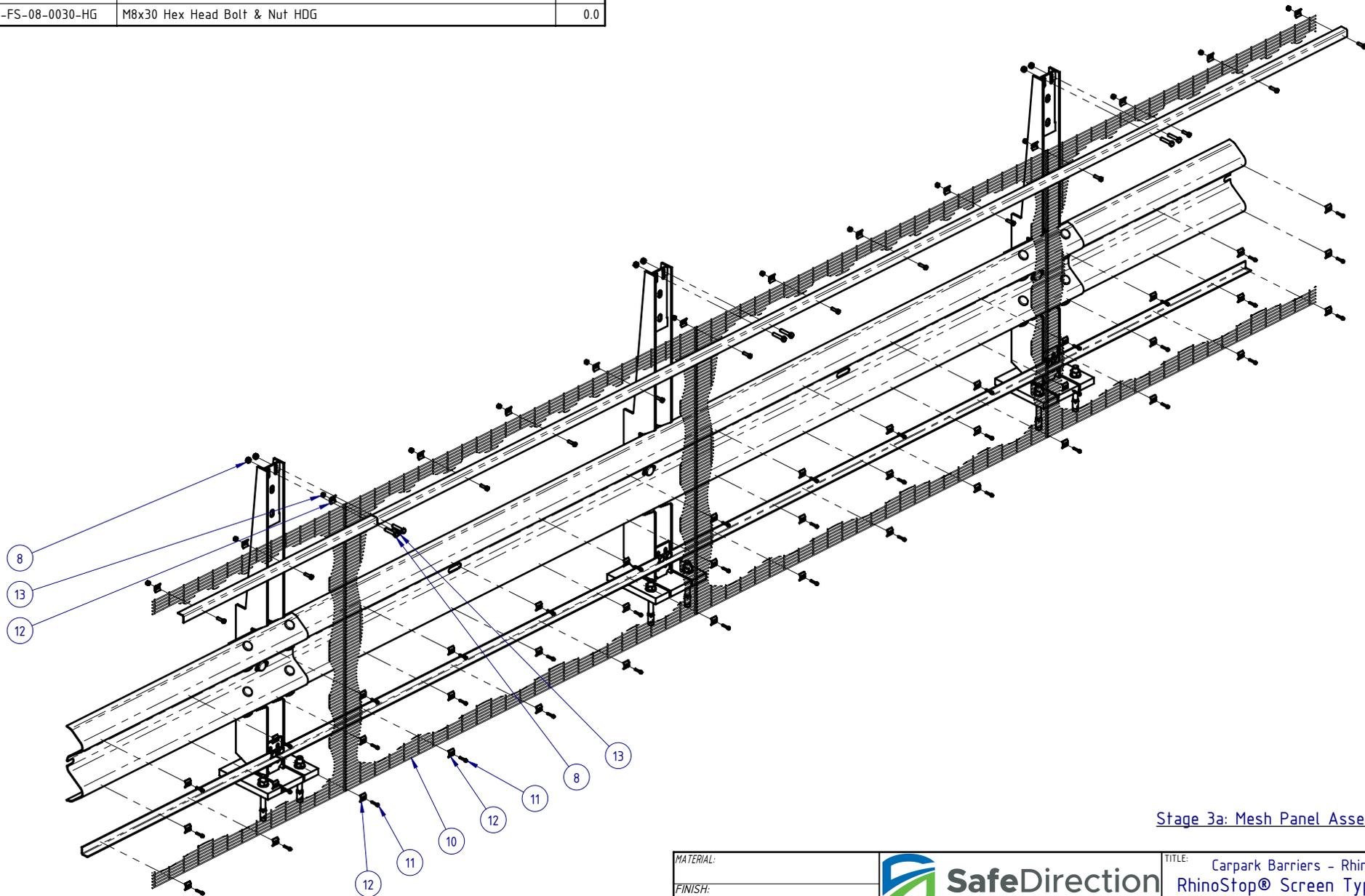
1. Note orientation of Mesh Support Angle rails:
 - a. Bottom Angle rail toe-out towards the front.
 - b. Top Angle rail toe-out towards the rear.
2. All Mesh Support Angle Rails MUST be installed with the butt-joint located at centre of Post, and fixed to Post with 4 bolts at each Post location.
3. Top rail to be loosely positioned in place, do not tighten fasteners at this stage, to allow for Mesh Panel to be placed behind it.



Stage 2b: Mesh Panel Support Elements Assembly

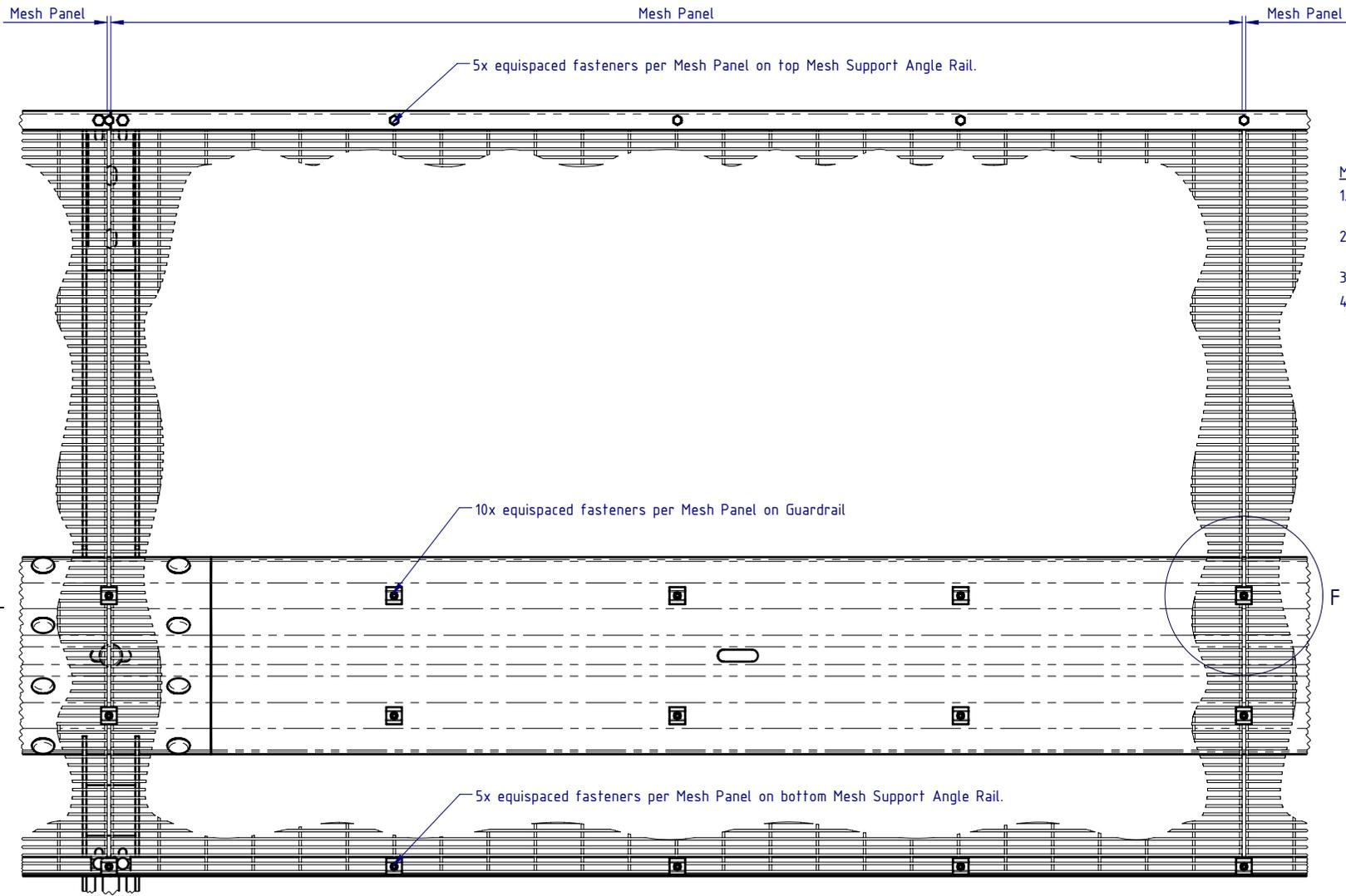
MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High			
FINISH:					General Arrangement			
STATUS	NAME	DATE	<small>COPYRIGHT: All rights reserved. ABN: 53 156 459 684</small> <small>These drawings, plans and specifications 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> <small>U.N.O: TOLERANCES: ±1mm</small> <small>ALL DIMENSIONS ARE IN: mm</small>			DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	1/04/2022				SD-CP-06001	B	A4
CHK'D	T. Colquhoun	01/04/2022				THIRD ANGLE PROJECTION		
APPV'D	H. Wallace	01/04/2022				WEIGHT: 176.1kg	SCALE: 1:30	SHEET 4 of 7
STATUS: APPROVED			<small>C:\Users\Wesam\Public\Documents\SDSYD\ASSEMBLY\SD-CP Carpark Barriers\SD-CP-06000 RhinoStop Screen\SD-CP-06001 - RhinoStop Screen Type 1, 1300mm High</small>			<small>Monday, 23 February 2026 12:33:13 PM</small>		

BOM			
ITEM NO.	PART NUMBER	DESCRIPTION	Weight kg
10	GR-MX-MX-1812-AG	Mesh Infill Panel 1800x1200, Ø4 wire, 71x9 aperture	3.8
11	GR-FS-12-0035-TG	12g x 35mm Hex Head Screw Self Tapping, 10 tpi, Class5, B8 Coating	
12	GR-FS-08-0000-AG	M8 Square Hole Mesh Washer	0.0
13	GR-FS-08-0030-HG	M8x30 Hex Head Bolt & Nut HDG	0.0



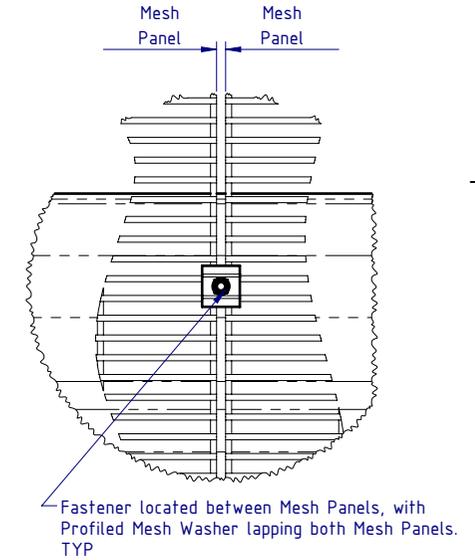
Stage 3a: Mesh Panel Assembly

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High			
FINISH:					General Arrangement			
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> <small>U.N.O. TOLERANCES: ±1mm</small> <small>ALL DIMENSIONS ARE IN: mm</small>			DWG NO.	REVISION:	SHEET SIZE
DRAWN	W. Rogulski	1/04/2022				SD-CP-06001	B	A4
CHK'D	T. Colquhoun	01/04/2022						
APPV'D	H. Wallace	01/04/2022						
STATUS: APPROVED			WEIGHT: 176.1kg	DO NOT SCALE DRAWING	SCALE: 1:20	SHEET 5 of 7		



Mesh Panel Assembly Notes:

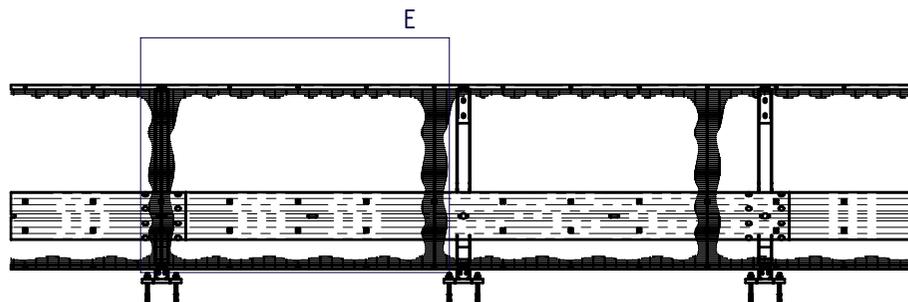
1. Position first Mesh Panel in Landscape orientation, resting on bottom Mesh Support Angle Rail.
2. Position adjacent Mesh Panels with a 5-10mm gap to allow for fixing screw between each Panel.
3. Fix Mesh Panels as indicated in Detail E and Detail F views.
4. Each Mesh Panel to be fixed with 20x Self Tapping Screws and Profiled Mesh Washers.



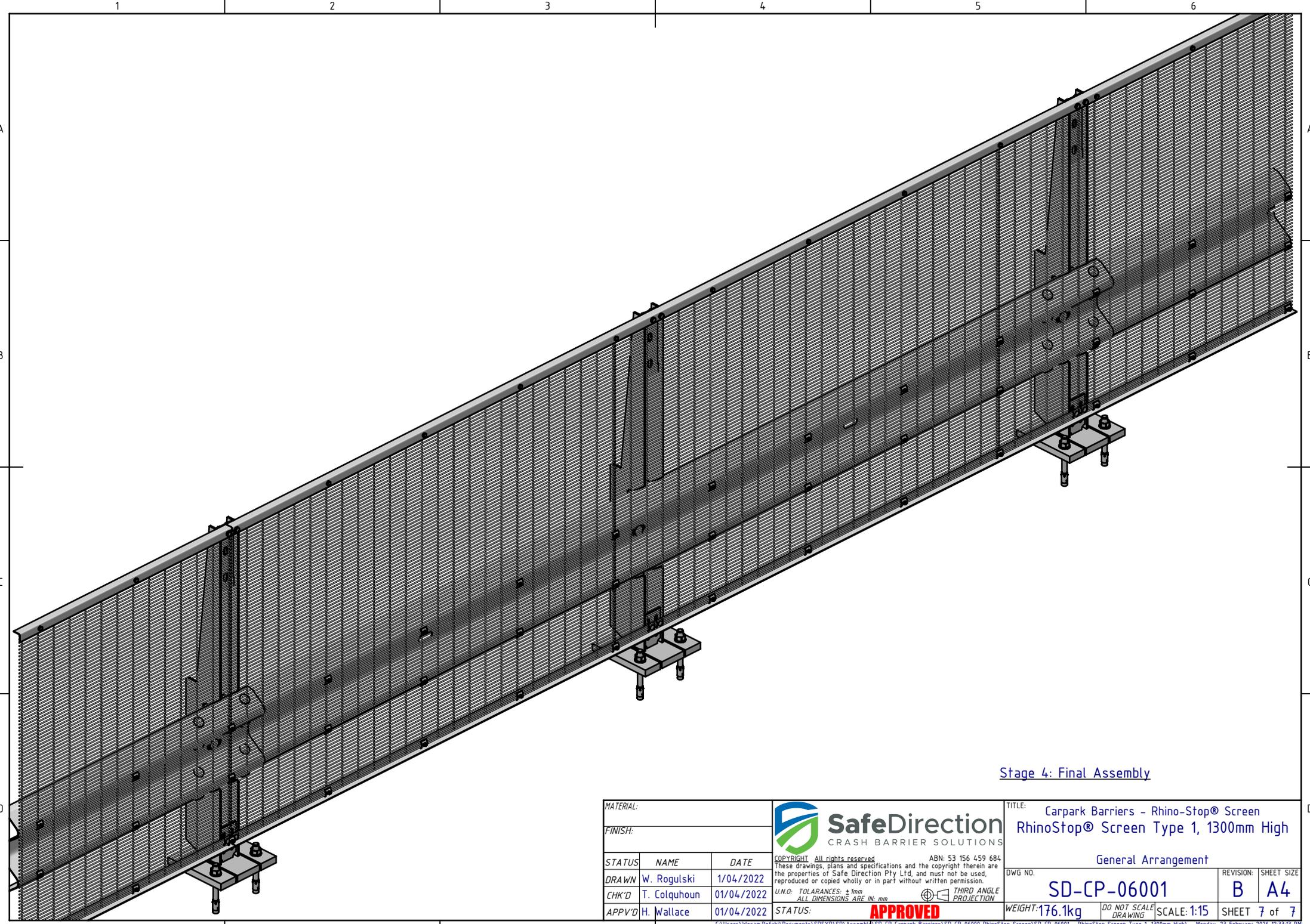
DETAIL E
SCALE: 1:10

DETAIL F
SCALE: 1:5

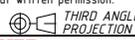
Stage 3b: Mesh Panel Assembly



MATERIAL:			 <p>SafeDirection CRASH BARRIER SOLUTIONS</p>	TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High			
FINISH:				General Arrangement			
STATUS	NAME	DATE	<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
DRAWN	W. Rogulski	1/04/2022	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>		SD-CP-06001	B	A4
CHK'D	T. Colquhoun	01/04/2022	<small>THIRD ANGLE PROJECTION</small>		WEIGHT: 176.1kg	DO NOT SCALE DRAWING	SCALE: 1:50
APPV'D	H. Wallace	01/04/2022	APPROVED		SHEET 6 of 7		



Stage 4: Final Assembly

MATERIAL:			 SafeDirection CRASH BARRIER SOLUTIONS		TITLE: Carpark Barriers - Rhino-Stop® Screen RhinoStop® Screen Type 1, 1300mm High			
FINISH:					General Arrangement			
STATUS	NAME	DATE	<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	
DRAWN	W. Rogulski	1/04/2022	<small>U.N.O. TOLERANCES: ±1mm ALL DIMENSIONS ARE IN: mm</small>		 THIRD ANGLE PROJECTION	SD-CP-06001	B	A4
CHK'D	T. Colquhoun	01/04/2022	STATUS: APPROVED					
APPV'D	H. Wallace	01/04/2022	<small>C:\Users\Wesam\Rel\ah\Documents\SDSYD\SD\Assembly\SD-CP Carpark Barriers\SD-CP-06000 RhinoStop Screen\SD-CP-06001 - RhinoStop Screen Type 1, 1300mm High Monday, 23 February 2026 12:33:13 PM</small>					