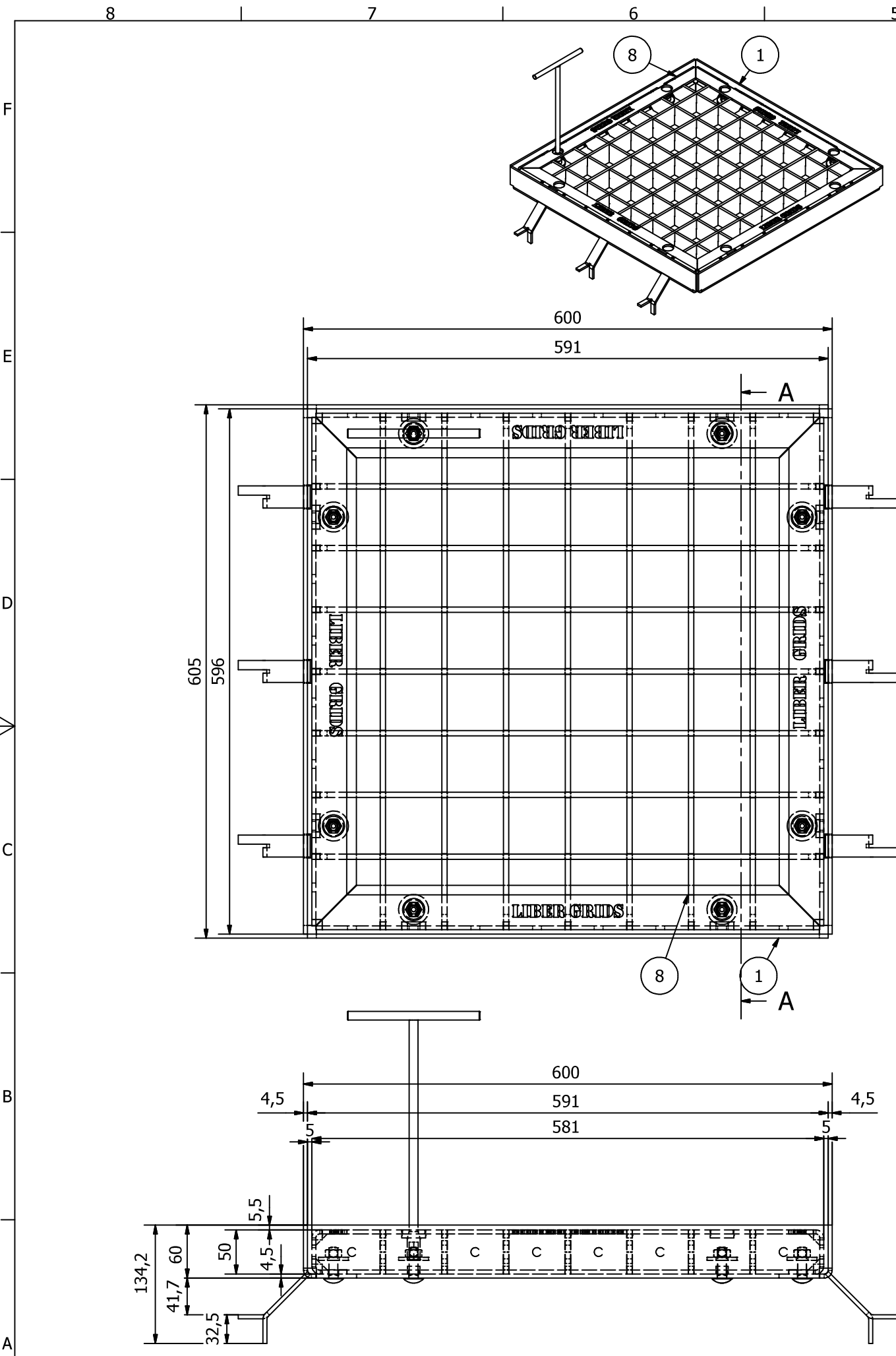
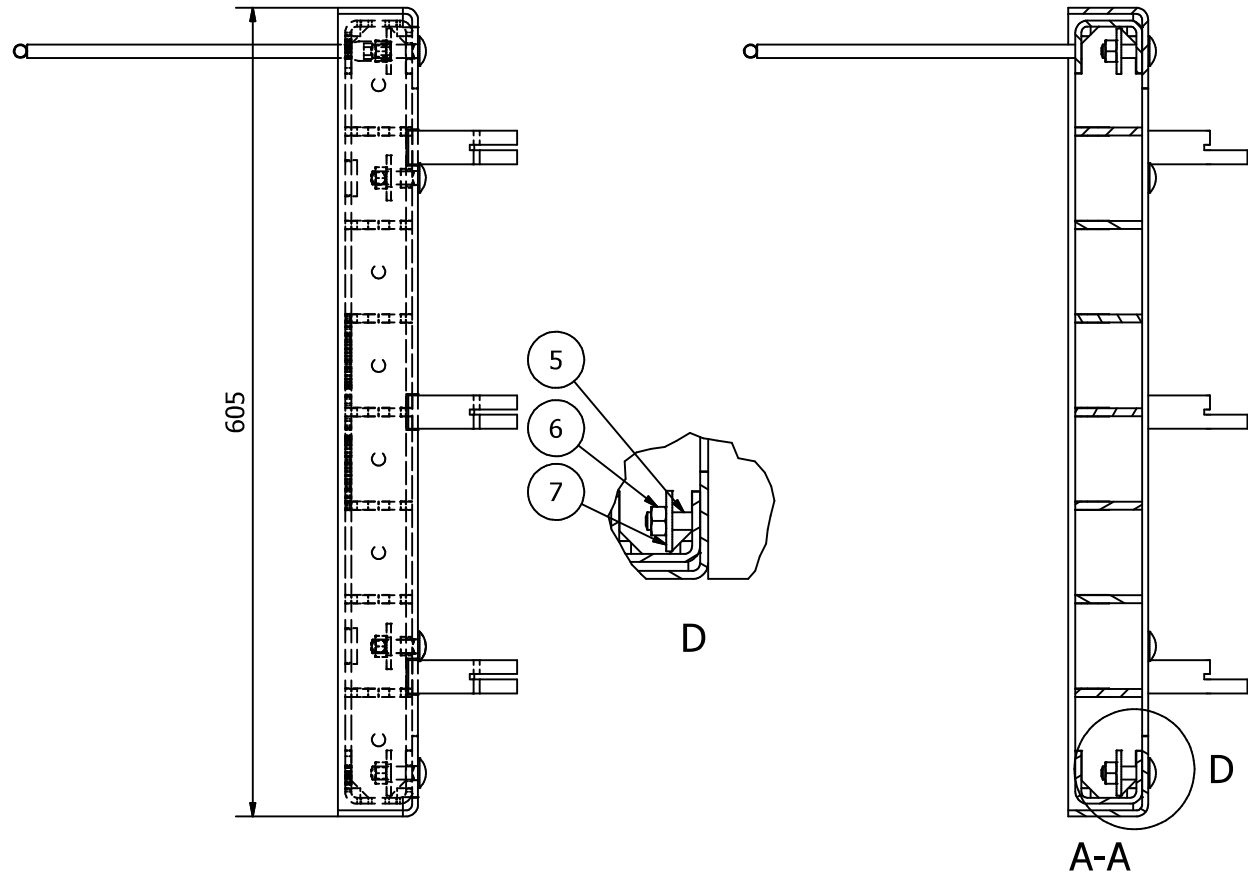




ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS	Total Weight KG
1	1	MD-S1C(450)-CF-A1	CAST FRAME	Steel, Mild	9,897	9,897
2	2	MD-S1C(450)-CF-A1-P01	4.5 THK BEND PLT	Steel, Mild	2,214	4,428
3	2	MD-S1C(450)-CF-A1-P02	4.5 THK BEND PLT	Steel, Mild	2,223	4,446
4	6	MD-S1C(450)-CF-A1-P03	4.5 THK BEND PLT	Steel, Mild	0,084	0,501
5	8	M10 x 30 Square Neck Bolt	M10 x 30 Metric Square Neck Bolt	Zink Plated	0,033	0,266
6	8	M10 x Nylon Lock Nut	M10 x Nylon Lock Nut	Zink Plated	0,011	0,087
7	8	M12x30x3mm Metric Plain Washer	M12x30x3mm Metric Plain Washer	Zink Plated	0,021	0,169
8	1	MD-S1C(450)-GF-A2	GRID FRAME	Steel Mild & S355 JR	25,693	25,693
9	2	MD-S1C(450)-GF-A2-P01	4.5 THK BEND PLT	Steel, Mild	2,036	4,073
10	2	MD-S1C(450)-GF-A2-P02	4.5 THK BEND PLT	Steel, Mild	2	4
11	7	MD-S1C(450)-GF-A2-P03	6 THK PLT	S355 JR	1,264	8,851
12	7	MD-S1C(450)-GF-A2-P04	6 THK PLT	S355 JR	1,253	8,769
13	1	LIBER GRID KEY	LIBER GRID Deep Socket Key	Supplier Spec.		



TOTAL MASS: 35.68 kg

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

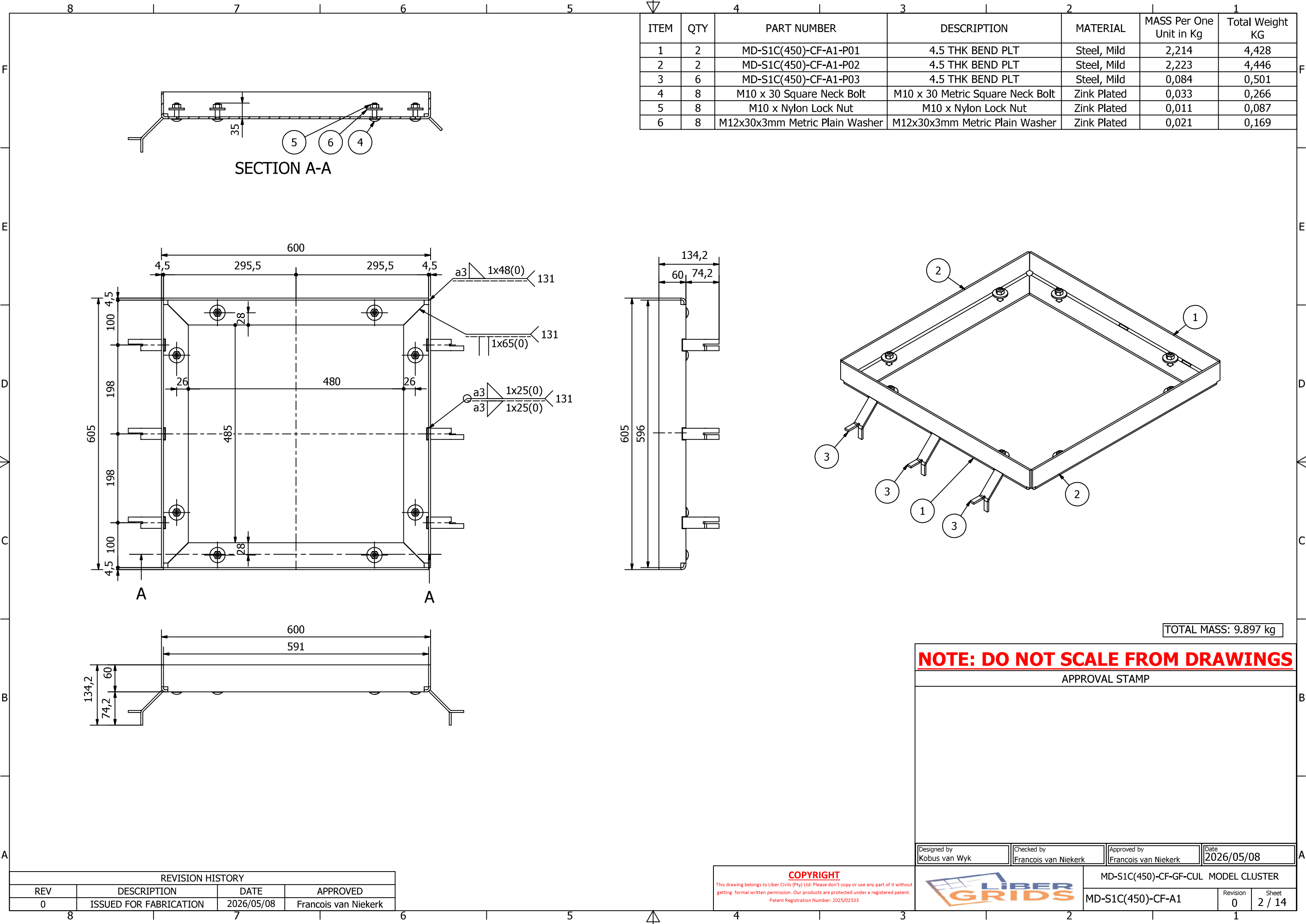
Designed by Kobus van Wyk	Checked by Francois van Niekerk	Approved by Francois van Niekerk	Date 2026/05/08
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR FABRICATION	2026/05/08	Francois van Niekerk

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MD-S1C(450)-CF-GF-CUL MODEL CLUSTER	
MD-S1C(450)-GA	Revision 0 Sheet 1 / 14

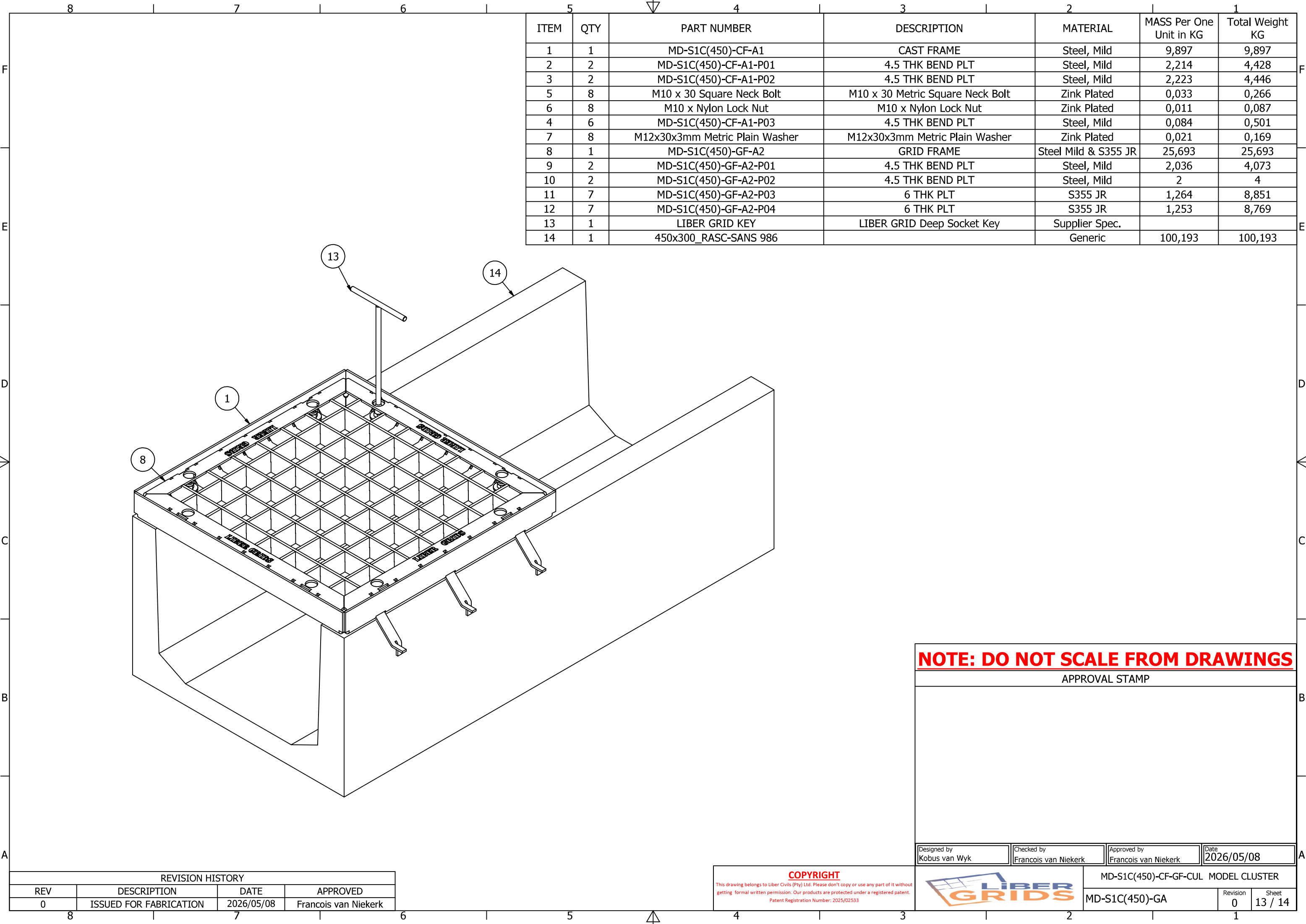


ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in Kg	Total Weight KG
1	2	MD-S1C(450)-CF-A1-P01	4.5 THK BEND PLT	Steel, Mild	2,214	4,428
2	2	MD-S1C(450)-CF-A1-P02	4.5 THK BEND PLT	Steel, Mild	2,223	4,446
3	6	MD-S1C(450)-CF-A1-P03	4.5 THK BEND PLT	Steel, Mild	0,084	0,501
4	8	M10 x 30 Square Neck Bolt	M10 x 30 Metric Square Neck Bolt	Zink Plated	0,033	0,266
5	8	M10 x Nylon Lock Nut	M10 x Nylon Lock Nut	Zink Plated	0,011	0,087
6	8	M12x30x3mm Metric Plain Washer	M12x30x3mm Metric Plain Washer	Zink Plated	0,021	0,169

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR FABRICATION	2026/05/08	Francois van Niekerk

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Designed by Kobus van Wyk	Checked by Francois van Niekerk	Approved by Francois van Niekerk	Date 2026/05/08
MD-S1C(450)-CF-GF-CUL MODEL CLUSTER			
MD-S1C(450)-CF-A1		Revision 0	Sheet 2 / 14



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in KG	Total Weight KG
1	1	MD-S1C(450)-CF-A1	CAST FRAME	Steel, Mild	9,897	9,897
2	2	MD-S1C(450)-CF-A1-P01	4.5 THK BEND PLT	Steel, Mild	2,214	4,428
3	2	MD-S1C(450)-CF-A1-P02	4.5 THK BEND PLT	Steel, Mild	2,223	4,446
5	8	M10 x 30 Square Neck Bolt	M10 x 30 Metric Square Neck Bolt	Zink Plated	0,033	0,266
6	8	M10 x Nylon Lock Nut	M10 x Nylon Lock Nut	Zink Plated	0,011	0,087
4	6	MD-S1C(450)-CF-A1-P03	4.5 THK BEND PLT	Steel, Mild	0,084	0,501
7	8	M12x30x3mm Metric Plain Washer	M12x30x3mm Metric Plain Washer	Zink Plated	0,021	0,169
8	1	MD-S1C(450)-GF-A2	GRID FRAME	Steel Mild & S355 JR	25,693	25,693
9	2	MD-S1C(450)-GF-A2-P01	4.5 THK BEND PLT	Steel, Mild	2,036	4,073
10	2	MD-S1C(450)-GF-A2-P02	4.5 THK BEND PLT	Steel, Mild	2	4
11	7	MD-S1C(450)-GF-A2-P03	6 THK PLT	S355 JR	1,264	8,851
12	7	MD-S1C(450)-GF-A2-P04	6 THK PLT	S355 JR	1,253	8,769
13	1	LIBER GRID KEY	LIBER GRID Deep Socket Key	Supplier Spec.		
14	1	450x300_RASC-SANS 986		Generic	100,193	100,193

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

Designed by Kobus van Wyk	Checked by Francois van Niekerk	Approved by Francois van Niekerk	Date 2026/05/08
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REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
0	ISSUED FOR FABRICATION	2026/05/08	Francois van Niekerk

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MD-S1C(450)-CF-GF-CUL MODEL CLUSTER		Revision 0	Sheet 13 / 14
MD-S1C(450)-GA			