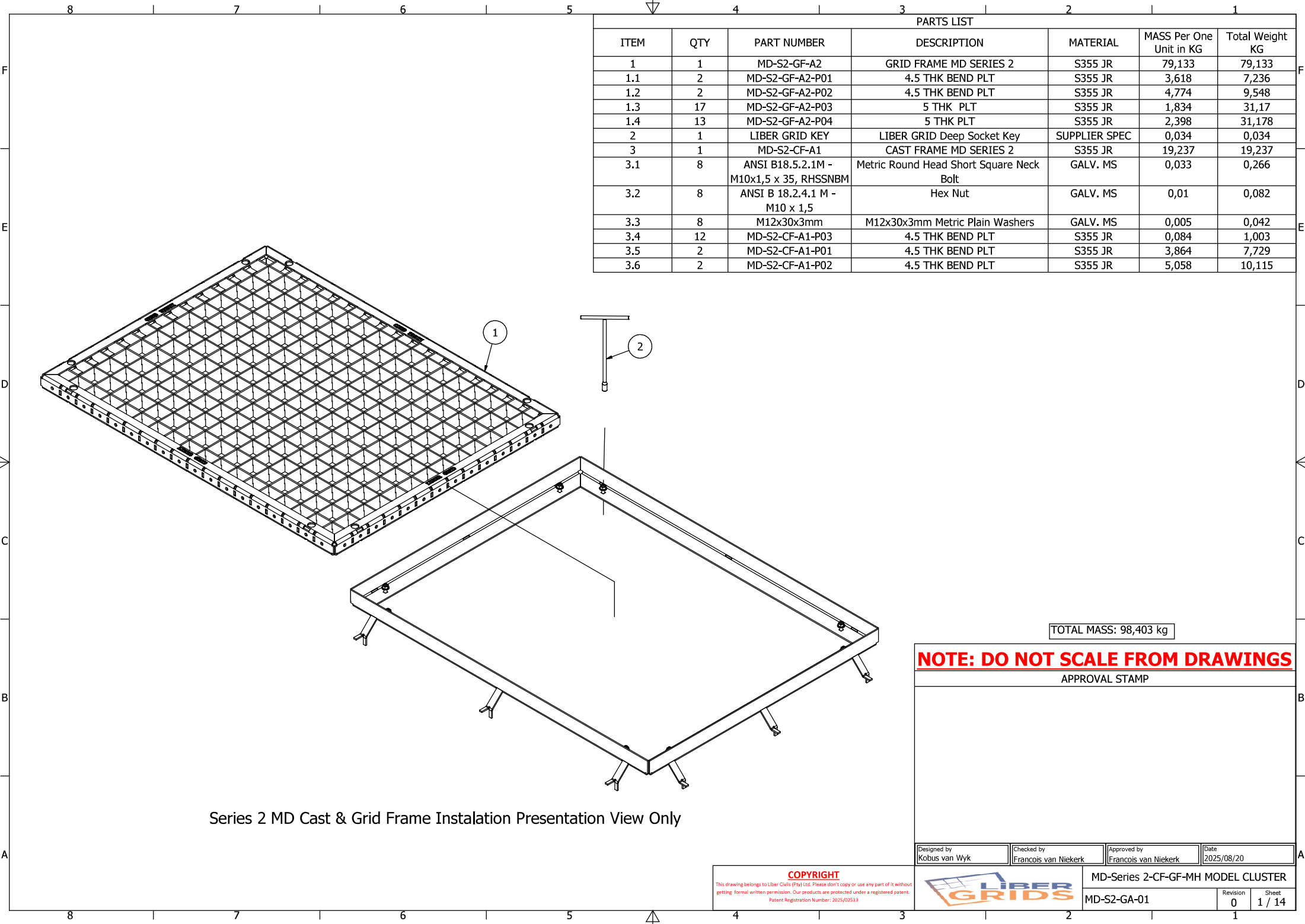




PARTS LIST						
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in KG	Total Weight KG
1	1	MD-S2-GF-A2	GRID FRAME MD SERIES 2	S355 JR	79,133	79,133
1.1	2	MD-S2-GF-A2-P01	4.5 THK BEND PLT	S355 JR	3,618	7,236
1.2	2	MD-S2-GF-A2-P02	4.5 THK BEND PLT	S355 JR	4,774	9,548
1.3	17	MD-S2-GF-A2-P03	5 THK PLT	S355 JR	1,834	31,17
1.4	13	MD-S2-GF-A2-P04	5 THK PLT	S355 JR	2,398	31,178
2	1	LIBER GRID KEY	LIBER GRID Deep Socket Key	SUPPLIER SPEC	0,034	0,034
3	1	MD-S2-CF-A1	CAST FRAME MD SERIES 2	S355 JR	19,237	19,237
3.1	8	ANSI B18.5.2.1M - M10x1,5 x 35, RHSSNB	Metric Round Head Short Square Neck Bolt	GALV. MS	0,033	0,266
3.2	8	ANSI B 18.2.4.1 M - M10 x 1,5	Hex Nut	GALV. MS	0,01	0,082
3.3	8	M12x30x3mm	M12x30x3mm Metric Plain Washers	GALV. MS	0,005	0,042
3.4	12	MD-S2-CF-A1-P03	4.5 THK BEND PLT	S355 JR	0,084	1,003
3.5	2	MD-S2-CF-A1-P01	4.5 THK BEND PLT	S355 JR	3,864	7,729
3.6	2	MD-S2-CF-A1-P02	4.5 THK BEND PLT	S355 JR	5,058	10,115

TOTAL MASS: 98,403 kg

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

Series 2 MD Cast & Grid Frame Instalation Presentation View Only

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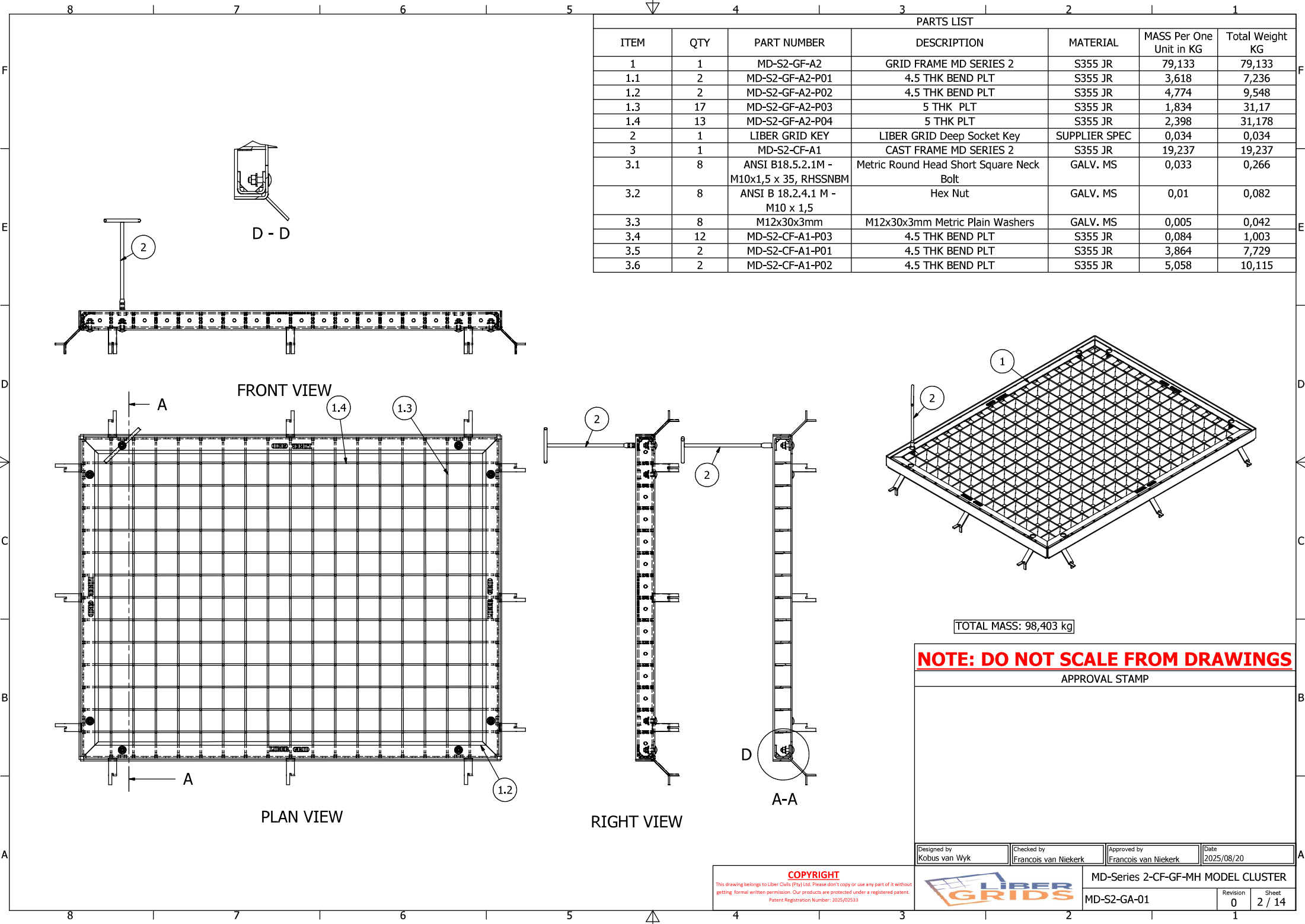


MD-Series 2-CF-GF-MH MODEL CLUSTER

MD-S2-GA-01

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PARTS LIST						
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in KG	Total Weight KG
1	1	MD-S2-GF-A2	GRID FRAME MD SERIES 2	S355 JR	79,133	79,133
1.1	2	MD-S2-GF-A2-P01	4.5 THK BEND PLT	S355 JR	3,618	7,236
1.2	2	MD-S2-GF-A2-P02	4.5 THK BEND PLT	S355 JR	4,774	9,548
1.3	17	MD-S2-GF-A2-P03	5 THK PLT	S355 JR	1,834	31,17
1.4	13	MD-S2-GF-A2-P04	5 THK PLT	S355 JR	2,398	31,178
2	1	LIBER GRID KEY	LIBER GRID Deep Socket Key	SUPPLIER SPEC	0,034	0,034
3	1	MD-S2-CF-A1	CAST FRAME MD SERIES 2	S355 JR	19,237	19,237
3.1	8	ANSI B18.5.2.1M - M10x1,5 x 35, RHSSNBM	Metric Round Head Short Square Neck Bolt	GALV. MS	0,033	0,266
3.2	8	ANSI B 18.2.4.1 M - M10 x 1,5	Hex Nut	GALV. MS	0,01	0,082
3.3	8	M12x30x3mm	M12x30x3mm Metric Plain Washers	GALV. MS	0,005	0,042
3.4	12	MD-S2-CF-A1-P03	4.5 THK BEND PLT	S355 JR	0,084	1,003
3.5	2	MD-S2-CF-A1-P01	4.5 THK BEND PLT	S355 JR	3,864	7,729
3.6	2	MD-S2-CF-A1-P02	4.5 THK BEND PLT	S355 JR	5,058	10,115

TOTAL MASS: 98,403 kg

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

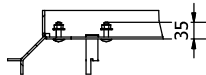
Designed by Kobus van Wyk	Checked by Francois van Niekerk	Approved by Francois van Niekerk	Date 2025/08/20
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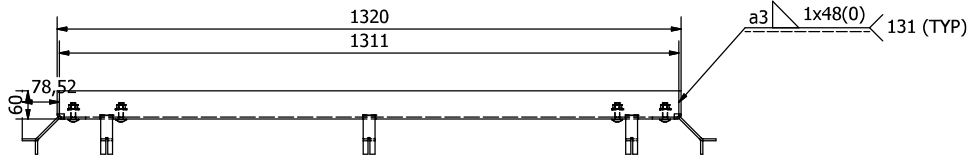


MD-Series 2-CF-GF-MH MODEL CLUSTER			
MD-S2-GA-01	Revision 0	Sheet 2 / 14	

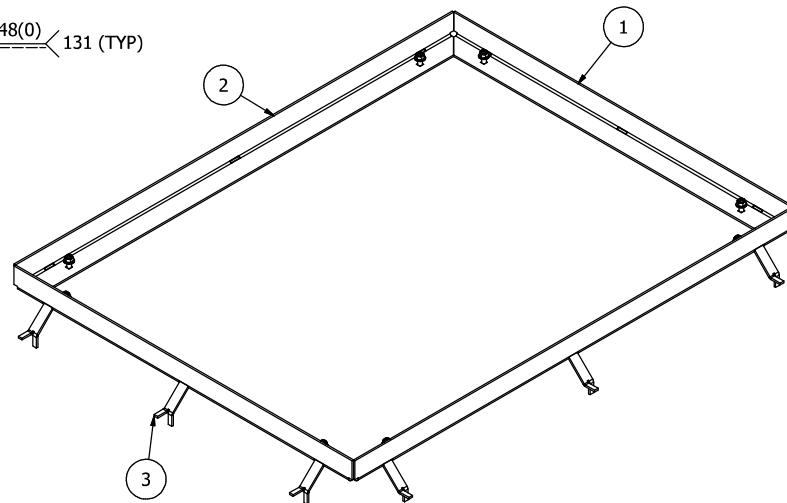
PARTS LIST						
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in KG	Total Weight KG
1	2	MD-S2-CF-A1-P01	4.5 THK BEND PLT	S355 JR	3,864	7,729
2	2	MD-S2-CF-A1-P02	4.5 THK BEND PLT	S355 JR	5,058	10,115
3	12	MD-S2-CF-A1-P03	4.5 THK BEND PLT	S355 JR	0,084	1,003
4	8	ISO 8673 - M10 x 1	Hexagon nuts, style 1, with metric fine pitch thread-Product grade A and B	GALV. MS	0,01	0,082
5	8	M12x30x3mm	M12x30x3mm Metric Plain Washers	GALV. MS	0,005	0,042
6	8	ANSI B18.5.2.1M - M10x1,5 x 35, RHSSNBM	M10 Metric Round Head Short Square Neck Bolt @35mm Long	GALV. MS	0,033	0,266



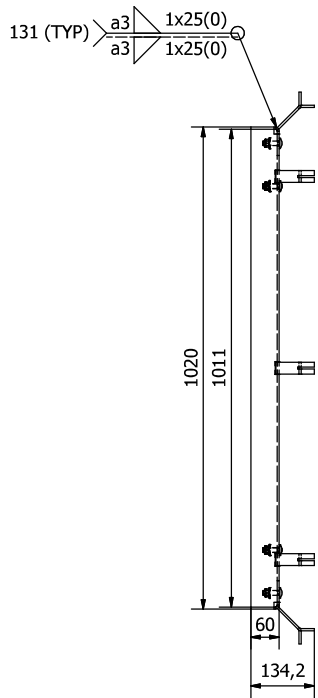
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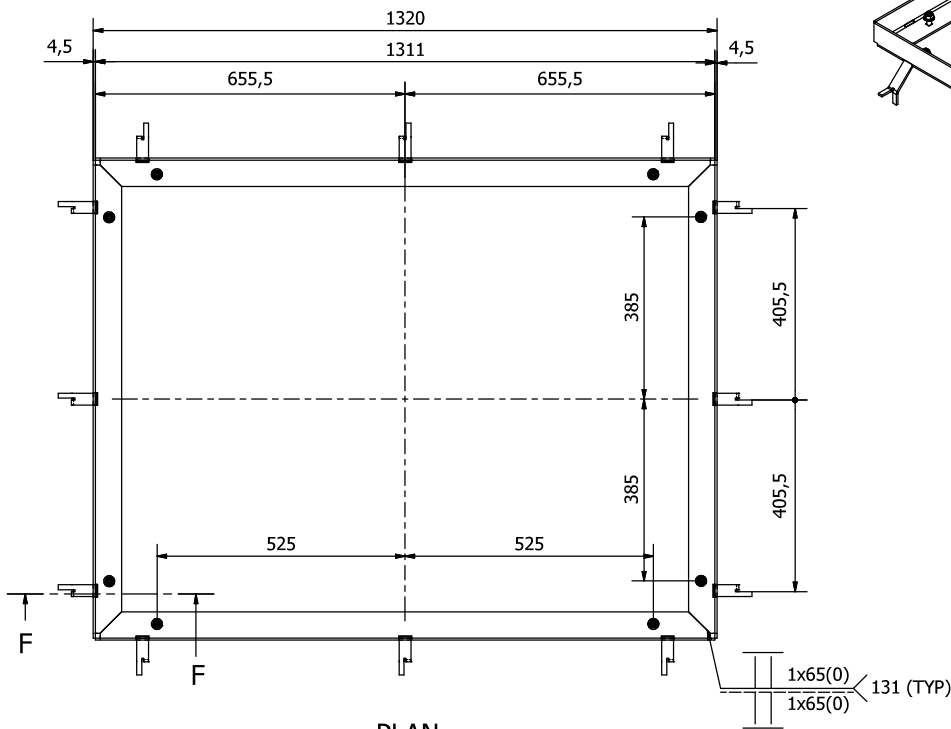
FRONT



ISO



LEFT



PLAN

TOTAL MASS: 19,237 kg

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

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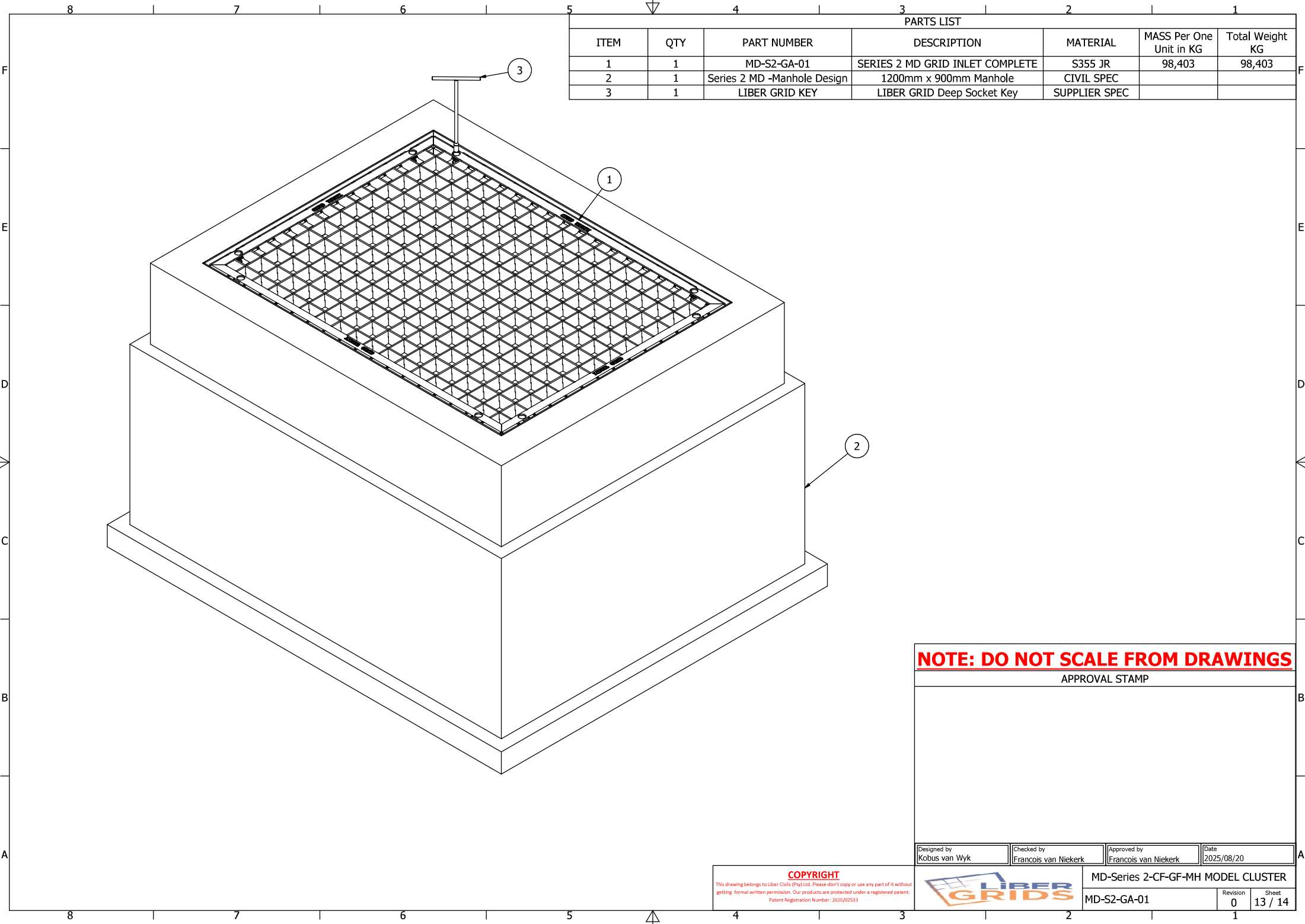


MD-Series 2-CF-GF-MH MODEL CLUSTER

MD-S2-CF-A1

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PARTS LIST						
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	MASS Per One Unit in KG	Total Weight KG
1	1	MD-S2-GA-01	SERIES 2 MD GRID INLET COMPLETE	S355 JR	98,403	98,403
2	1	Series 2 MD -Manhole Design	1200mm x 900mm Manhole	CIVIL SPEC		
3	1	LIBER GRID KEY	LIBER GRID Deep Socket Key	SUPPLIER SPEC		

NOTE: DO NOT SCALE FROM DRAWINGS

APPROVAL STAMP

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MD-Series 2-CF-GF-MH MODEL CLUSTER

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