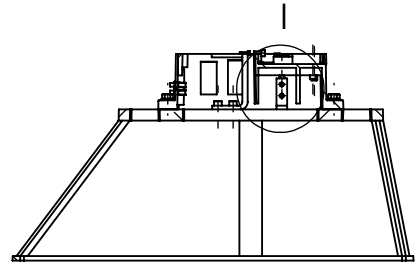
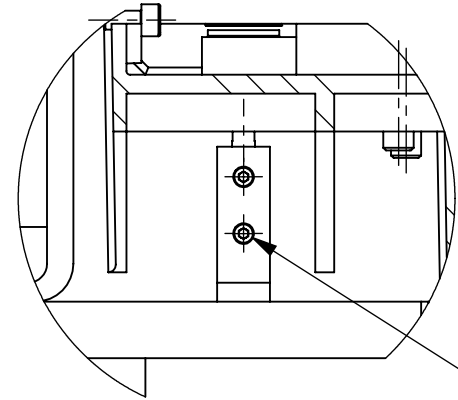
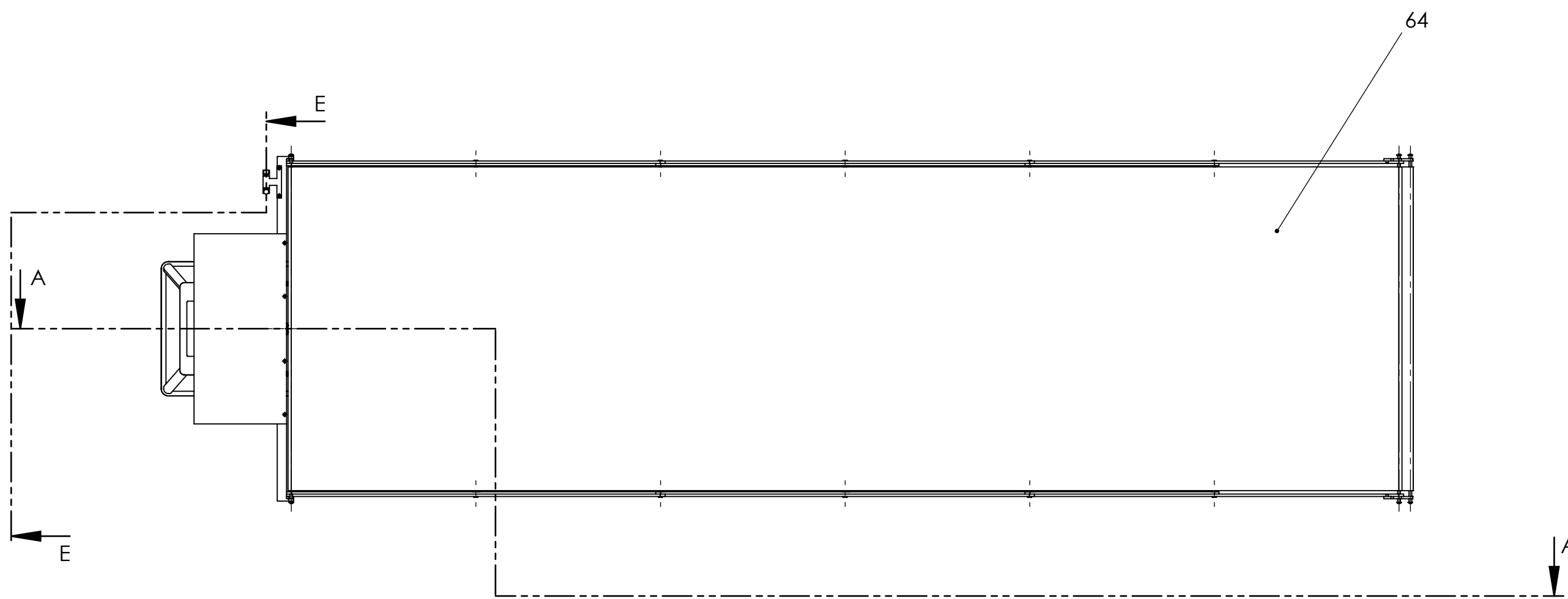


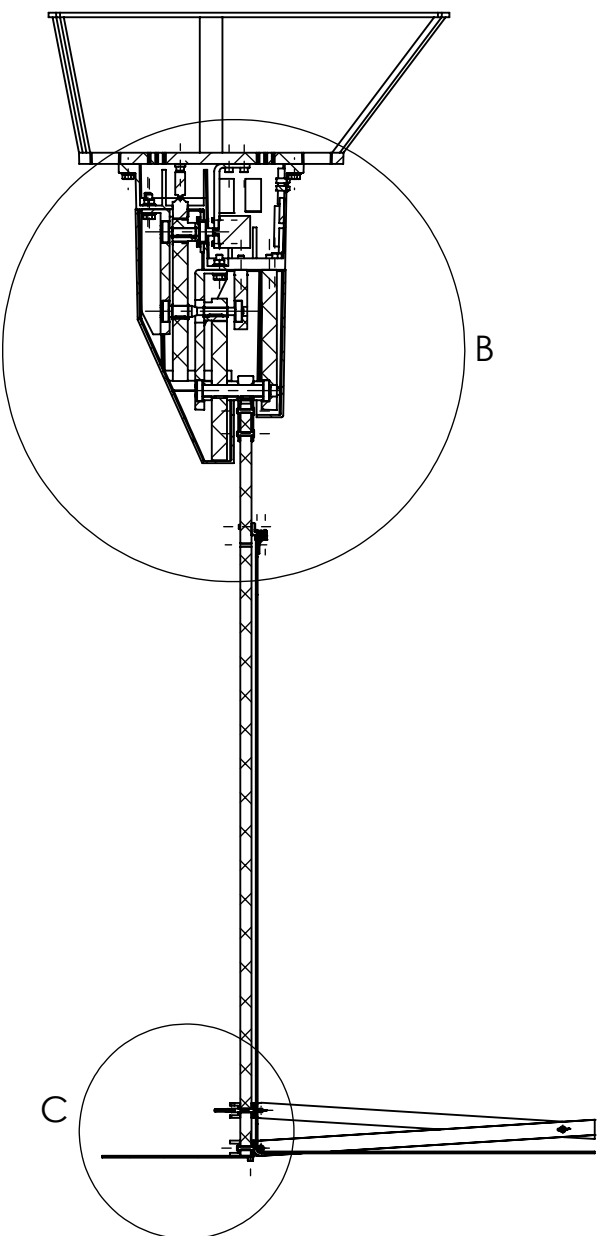
Detail F (1 : 2)



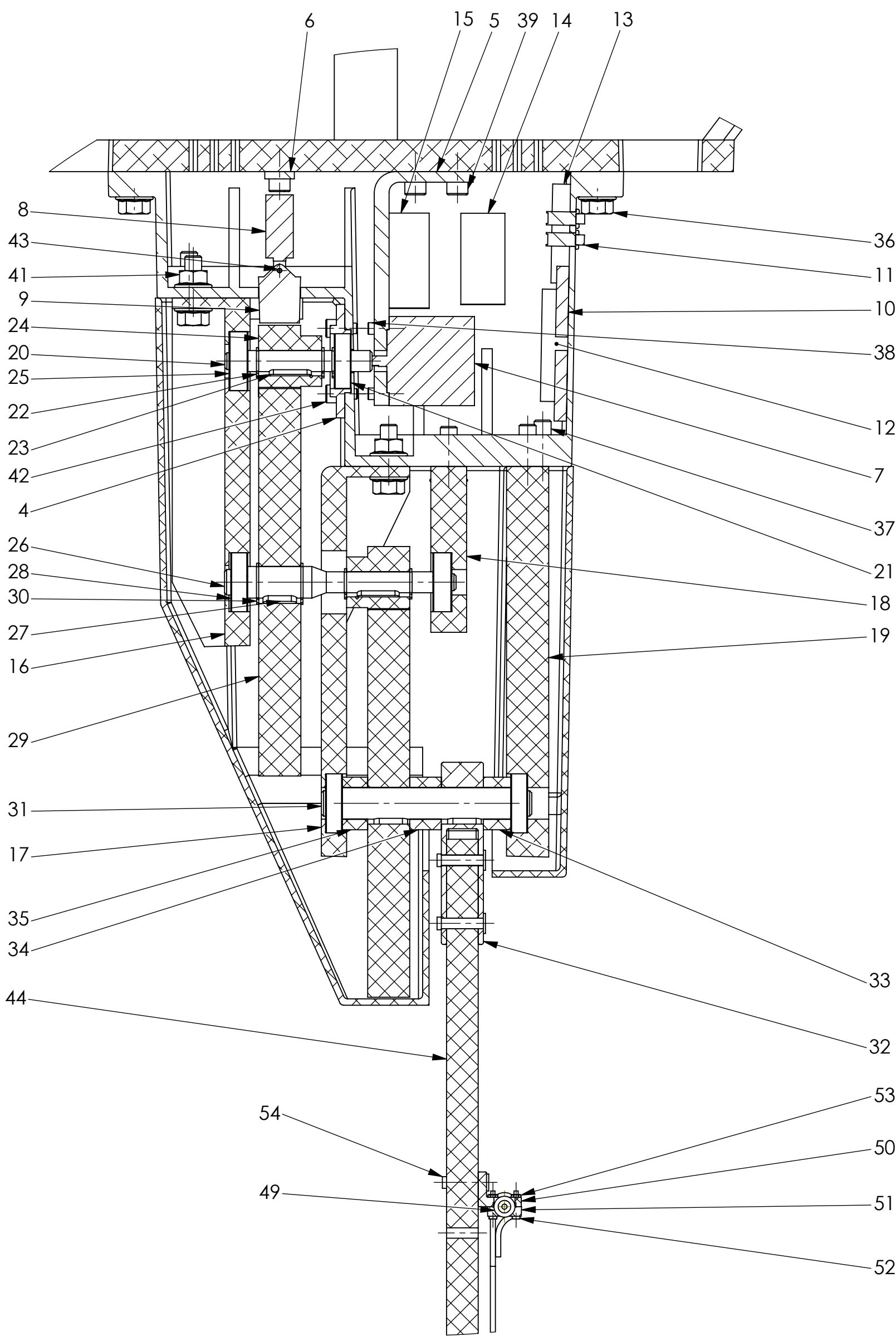
Section D-D



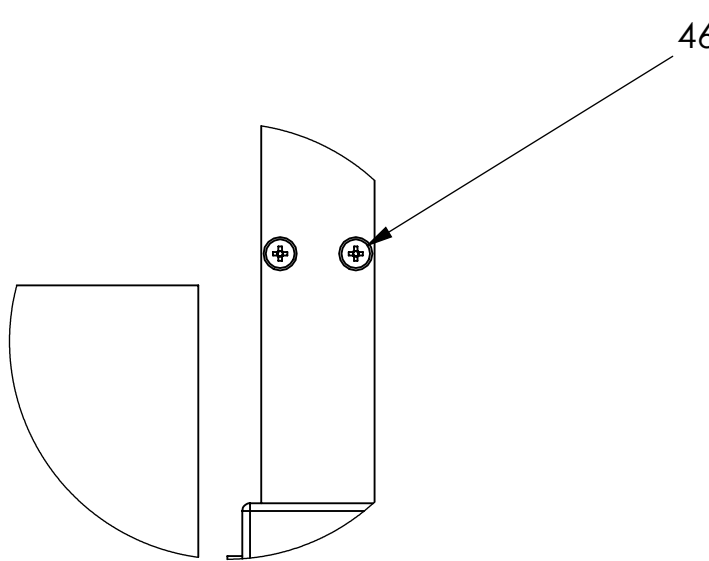
Detail I (1 : 2)



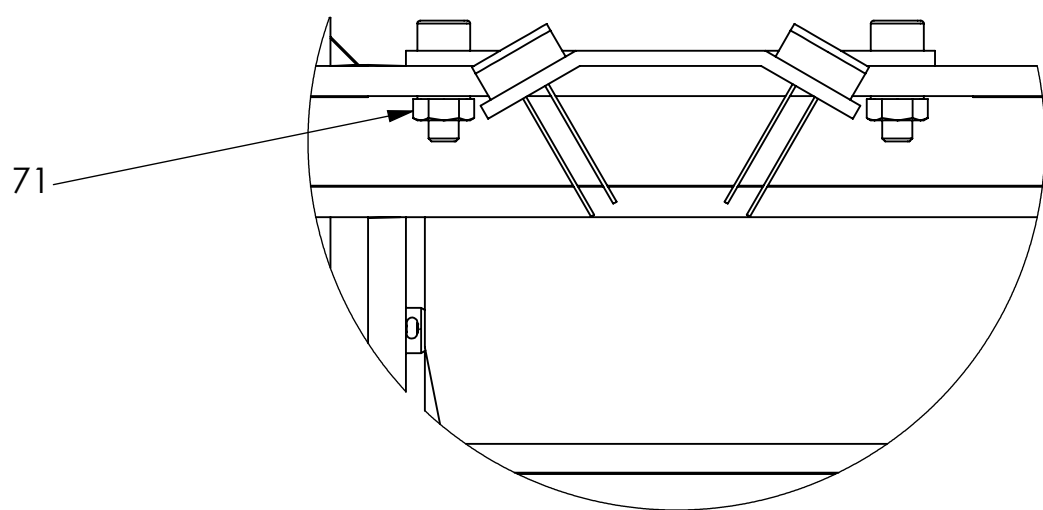
Section A-A



Detail B (1 : 2)

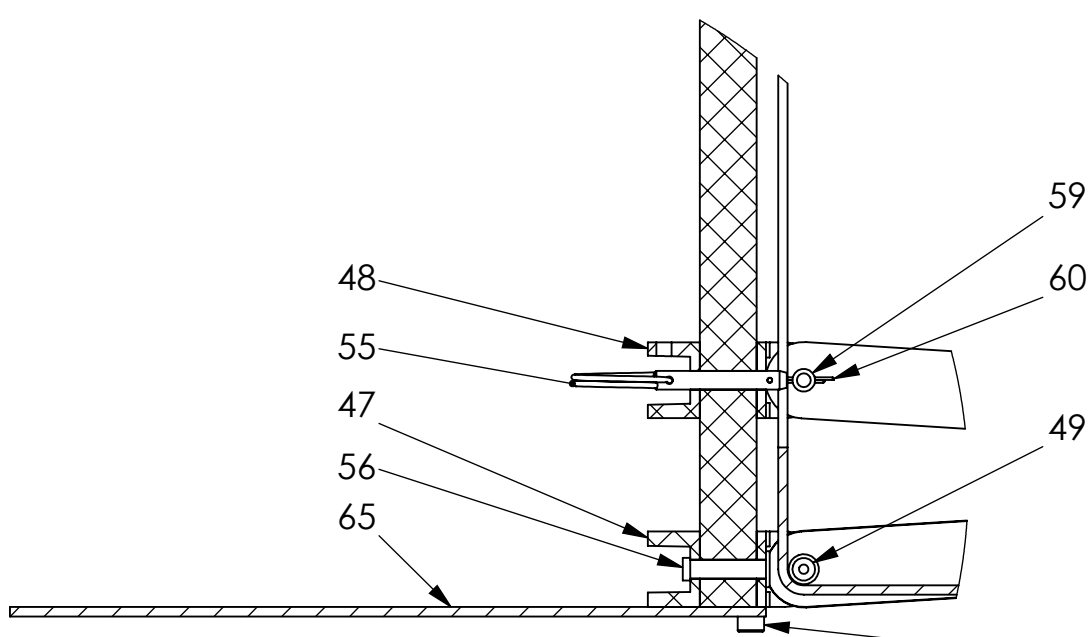


G (1 : 1)



Detail H (1 : 1)

Detail C (1 : 2)



Item	Qty.	Description	Specification	Drawing No.	rev.	Material
73	6	M4 Hex Nut	Hexagon Nut ISO 4032 - M4 - W - N			
72	2	Sensor Cover		210330-01-072	-00	PMMA
71	2	Sensor Tube		210330-01-071	-00	Nylon 101
70	1	Sensor Bracket		210330-01-070	-00	ABS
69	2	Light Sensor				
68	6	M4 socket head cap screw	EN ISO 4762 M4 x 12 - 12N			
67	1	Solar Panel				
66	1	Canvas Sheet				
65	1	Front Shade Stick	Right Variant	210330-01-065	-00	Nylon 101
64	1	Front Shade Stick	Left variant	210330-01-064	-00	Nylon 101
63	8	Slotted Pan head screw	DIN EN ISO 1580 - M3 x 6.4 - 6N			
62	8	Plastic washer	ID 3.3 OD10 T 0.7			
61	16	98350A117 Collet Pin	DIN 94 1.6X10			
60	16	Clevis Pin	DIN EN 22341 - B - 6 x 14 X 1.6 - S1			
59	2	Shaft Accordion Stick		210330-01-059	-00	Nylon 101
58	10	Accordion Stick		210330-01-058	-00	Nylon 101
57	3	Rivet 97525A246	DIN 7337 diameter 5			
56	1	Quick release pin 95335A512	D 5 L 25			
55	2	Rivet 97525A232	DIN 7337 diameter 14			
54	4	M2 hex nut	Hexagon Thin Nut ISO 4035 - M2 - N			
53	4	Slotted chesesehead screw	DIN EN ISO 1207 - M2 x 12 - 12N			
52	1	Lower Canvas Mount B		210330-01-052	-00	Nylon 101
51	1	Canvas Holder	Lower Variant	210330-01-051	-00	ABS
50	1	Lower Canvas Mount A		210330-01-050	-00	Nylon 101
49	3	Canvas Holder	Upper Variant	210330-01-049	-00	ABS
48	1	Mobile Crossbeam		210330-01-048	-00	Nylon 101
47	1	Cross Beam		210330-01-047	-00	Nylon 101
46	16	Countersunk flat head cross recess screw	DIN EN ISO 7046-1 M2X5			
45	2	Wire Cover		210330-01-045	-00	Nylon 101
44	1	Beam		210330-01-044	-00	Nylon 101
43	1	Collet Pin 98350A150	DIN 94 2X12			
42	4	Socket Head Cap Screw M5X10	EN ISO 4762 M5 X 10 - 10N			
41	12	Hex Flange Nut	Hexagon Flange Nut DIN 6923 - M8 - N			
40	2	Socket Head Cap Screw M3X5	EN ISO 4762 M3 x 5 - 5N			
39	5	Socket Head Cap Screw M6X10	EN ISO 4762 M6 x 10 - 10N			
38	4	Socket Head Cap Screw M3X8	EN ISO 4762 M3 x 8 - 8N			
37	12	Hex Flange Bolt long	DIN 6921 - M8 x 25 x 25-N			
36	4	Hex Flange Bolt short	DIN 6921 - M8 x 16 x 16-N			
35	1	Distancing Bushing 1		210330-01-035	-00	ABS
34	1	Distancing Bushing 2		210330-01-034	-00	ABS
33	1	Distancing Bushing 3		210330-01-033	-00	ABS
32	1	Mounting Hub		210330-01-032	-00	6060T6 Aluminium
31	1	Upper Shaft		210330-01-031	-00	6060T6 Aluminium
30	2	Retaining Ring 98541A110	DIN 471 D 14.3			
29	2	Larger Gear	KHK gears code PSA2 - 90			
28	3	Plastic Ball Bearing 6455K138	ID 12 OD 28 W 8			
27	3	Rounded Machine Key 2977N25	DIN 6885 5X5X20			
26	1	Middle Shaft		210330-01-026	-00	6060T6 Aluminium
25	2	Plastic Ball Bearing 6455K118	ID 8 OD 28 W 9			
24	2	Smaller Gear	KHK gears code PS2-15			
23	2	Rounded machine key 2977N19	DIN 6885 4X4X20			
22	5	Retaining ring 98541A118	DIN 471 D 9.6			
21	1	Plastic Bearing 6455K137	ID 10 OD 26 W8			
20	1	Lower Shaft		210330-01-020	-00	6060T6 Aluminium
19	1	Bearing Support 1		210330-01-019	-00	ABS
18	1	Bearing Support 2		210330-01-018	-00	ABS
17	1	Bearing Support 3		210330-01-017	-00	ABS
16	1	Bearing Support 4		210330-01-016	-00	ABS
15	1	Solar Charger Controller				
14	1	Converter				
13	2	Breadboard				
12	1	Arduino				
11	2	Rocker Switch				
10	5	Battery				
9	1	Locking Pin		210330-01-009	-00	PPS
8	1	Solenoid				
7	1	Motor				
6	1	Solenoid Bracket		210330-01-006	-00	PPS
5	1	Motor Mount		210330-01-005	-00	PPS
4	1	Auxiliary Bearing Holder		210330-01-004	-00	PPS
3	1	Gear Shell		210330-01-003	-00	ABS
2	1	Upper Shell		210330-01-002	-00	PPS
1	1	Base Plate		210330-01-001	-00	6060T6 Aluminium