

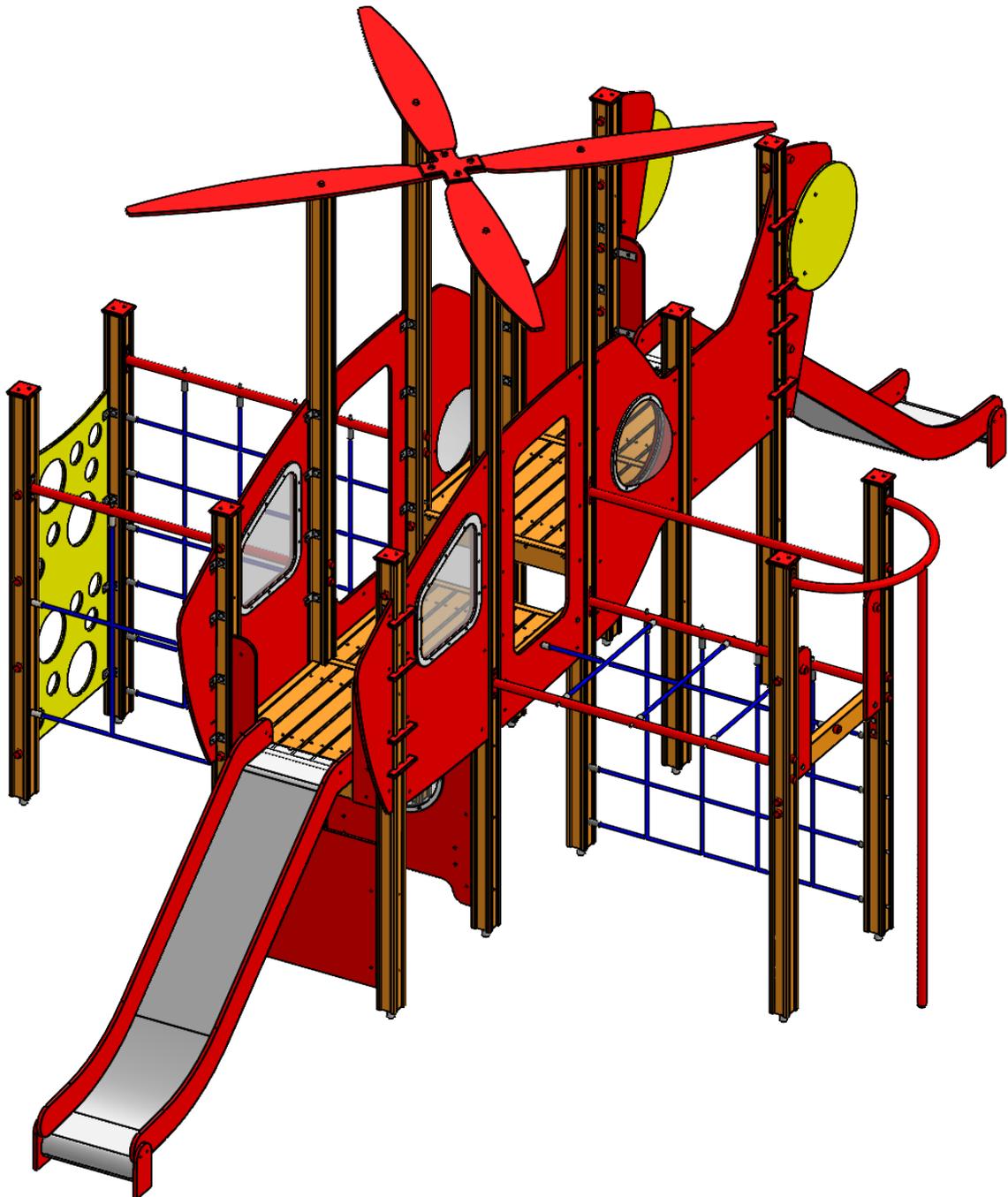
A

B

C

D

E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER



Tiptiptap OÜ

MATERIAL:

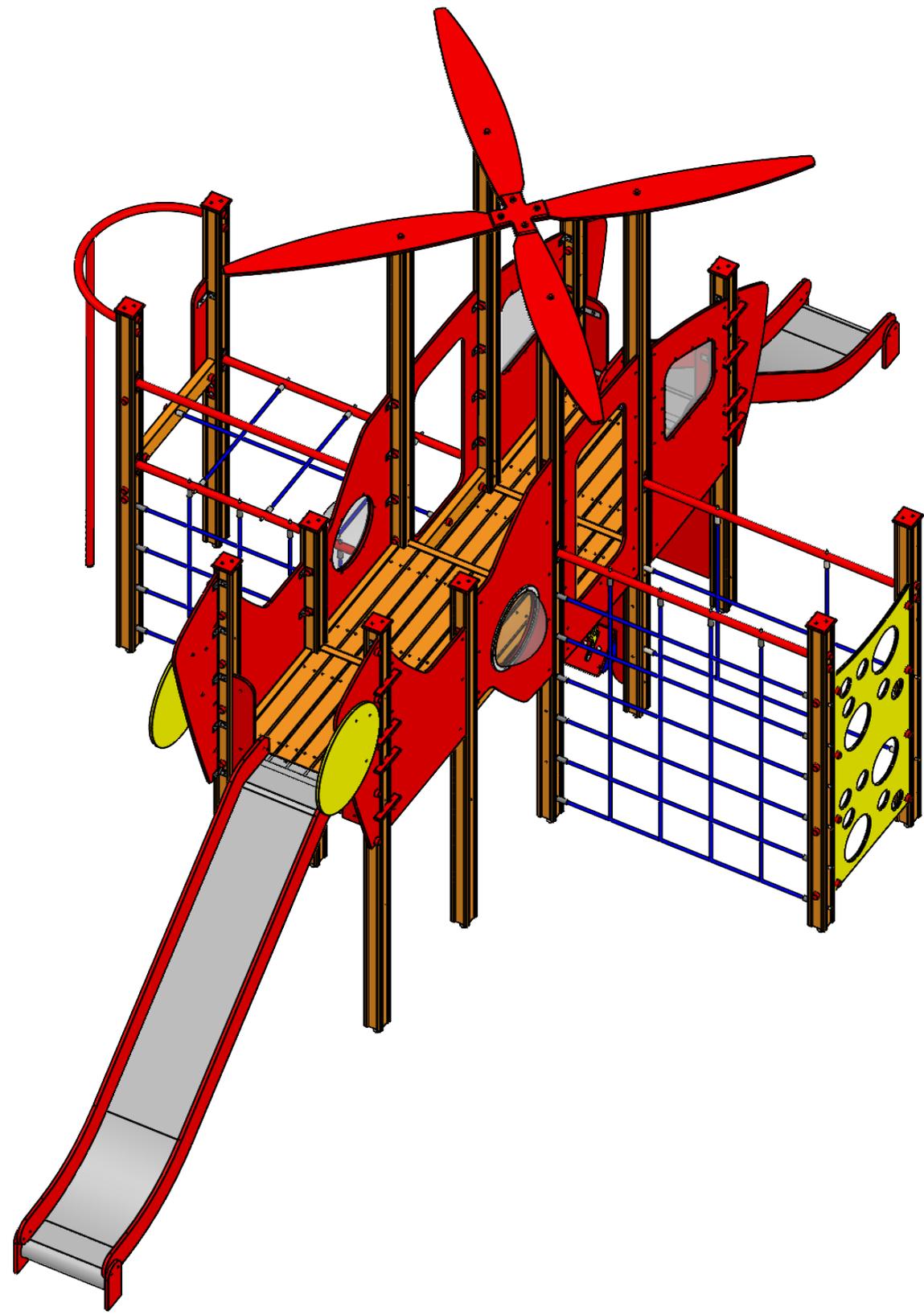
wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 1 OF 31



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPVD				

DESCRIPTION:

HELICOPTER



Tiptiptap OÜ

MATERIAL:

wood, metal, plastic

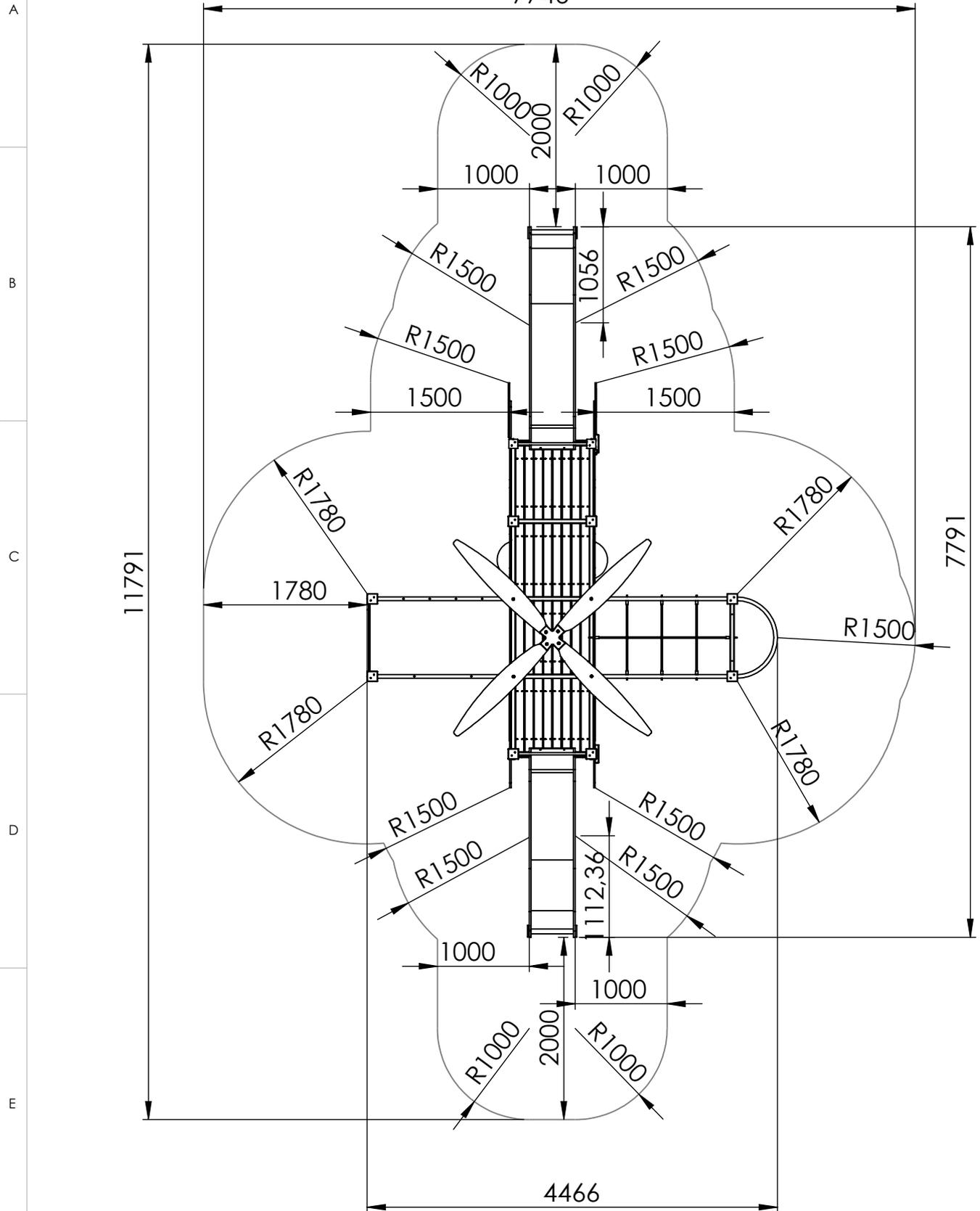
A4

WEIGHT:

SCALE: 1:100

SHEET 2 OF 31

Safety area



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

Theme play Helicopter

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

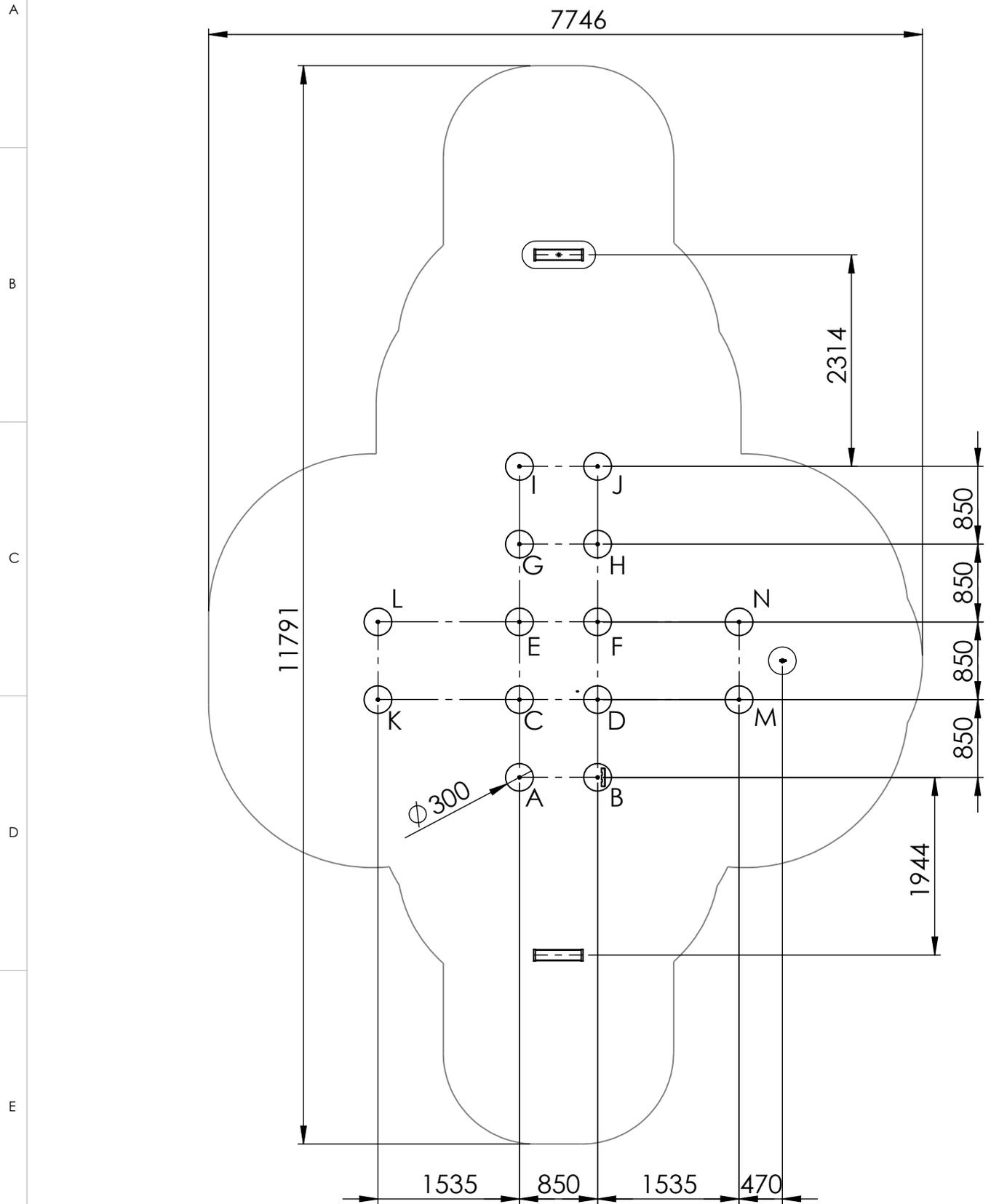
SCALE: 1:60

SHEET 3 OF 31



Tiptap OÜ

foundation, post location



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

Theme play Helicopter

MATERIAL:

wood, metal, plastic

A4

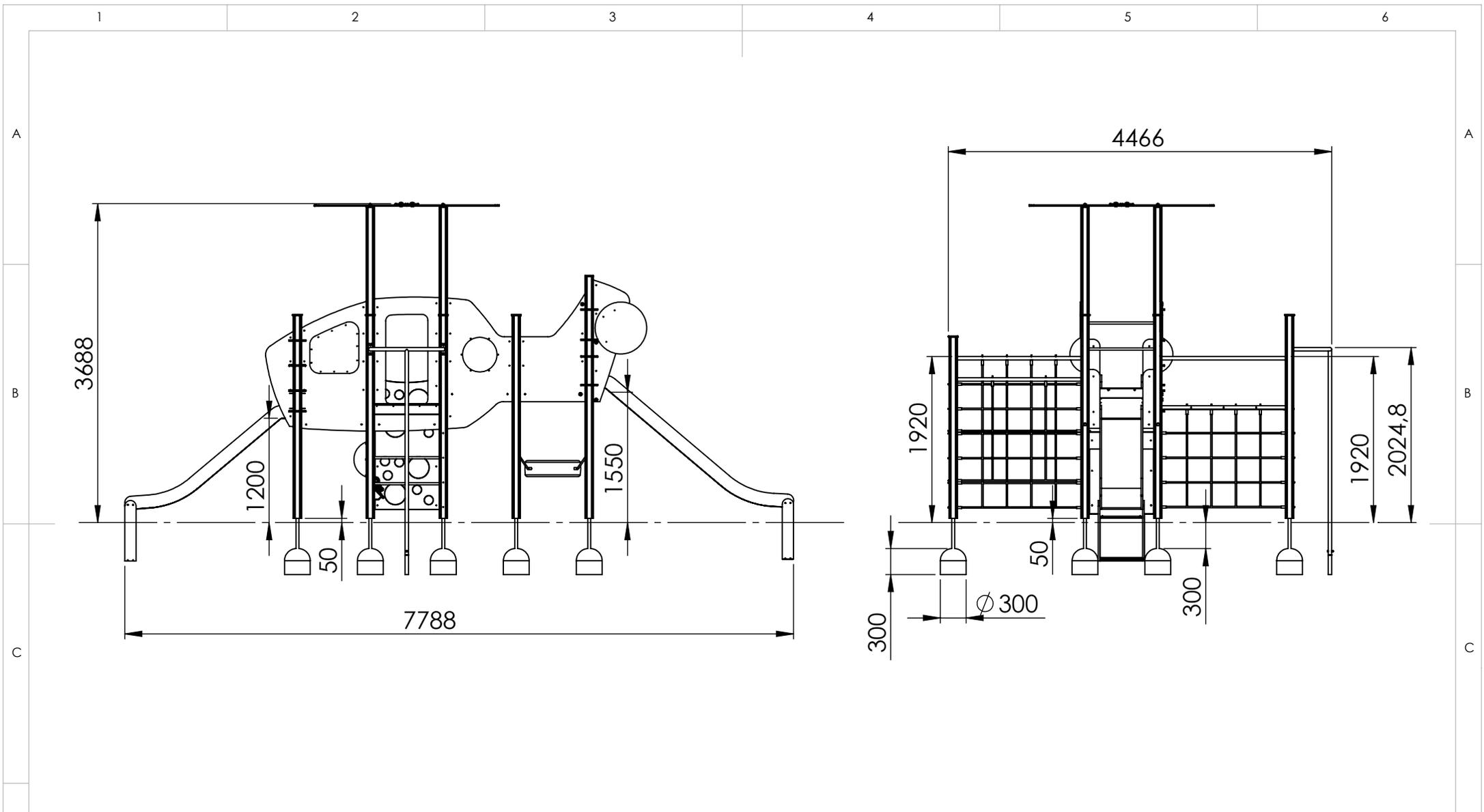
WEIGHT:

SCALE: 1:60

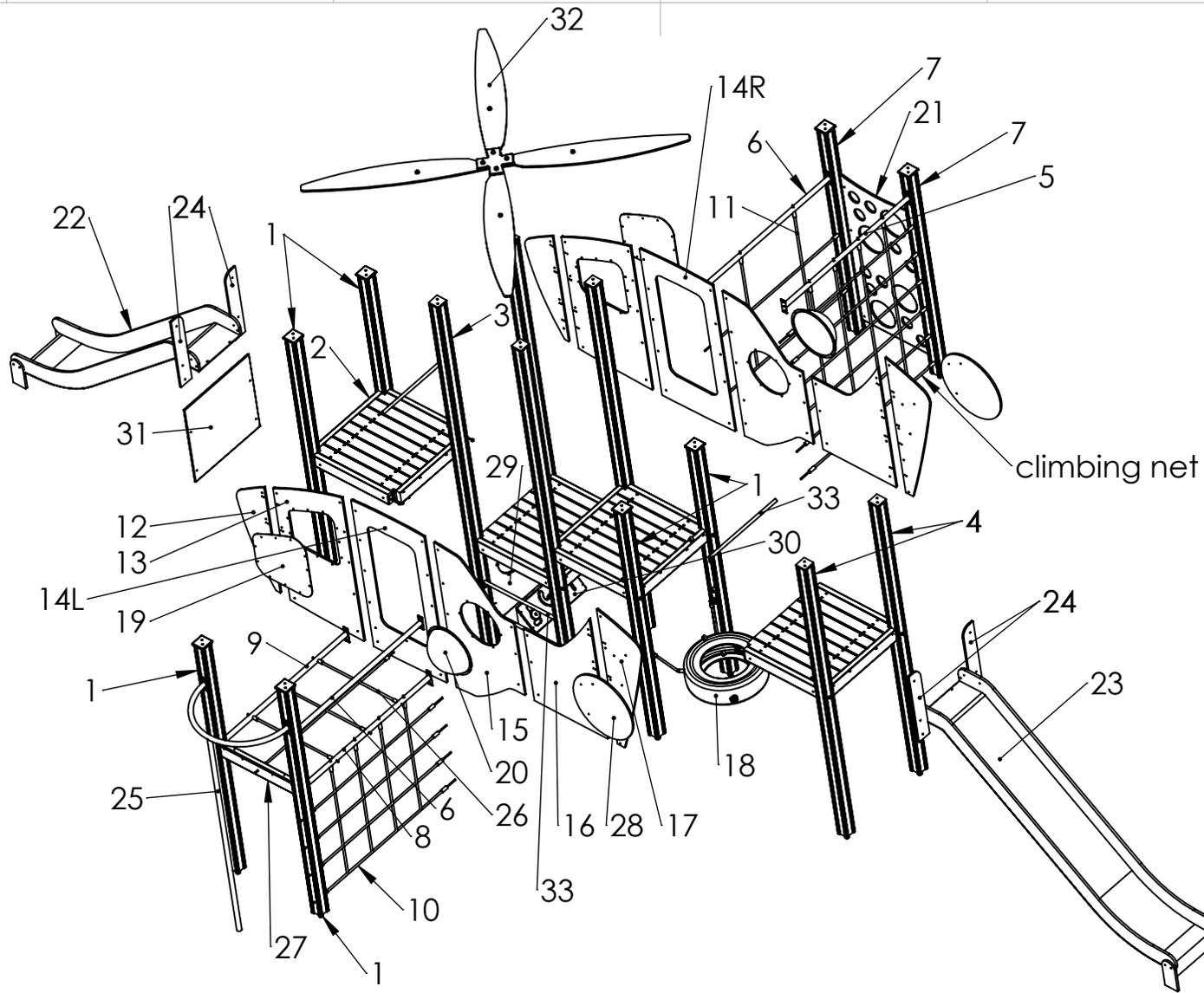
SHEET 4 OF 31



Tiptap OÜ



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM					PART NUMBER / DWG NO.: MM139	
	NAME	SIGNATURE	DATE	REVISION	DESCRIPTION: Theme play Helicopter	
DRAWN	E.Reispere		24.09.2025			
APPV'D						
 Tiptap ^{ÖÜ}					MATERIAL: wood, metal, plastic	
					A4	
					WEIGHT:	SCALE: 1:60
					SHEET 5 OF 31	



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		24.09.2025	
APPV'D				

DESCRIPTION:

Theme play Helicopter

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:60

SHEET 6 OF 31



Tiptiptap^{OU}

ITEM NO.	PART NUMBER
1	post 98x98x2350
2	platform
3	post 98x98x3600
4	post 98x98x2800
5	beam 40x1455 for net
6	beam 40x1455
7	post 98x98x2100
8	beam 40x1455 A-B
9	beam 40x1455 C-D
10	climbing net
11	climbing net 1455x1230
12	MM139 Helicopter frame panel 1
13	MM139 Helicopter frame panel 2
14	MM139 Helicopter frame panel 3 (R/L)
15	MM139 Helicopter frame panel 4
16	MM139 Helicopter frame panel 5
17	MM139 Helicopter frame panel 6
18	tyre with ropes
19	MM139 glass
20	lluminator d455
21	climbing wall h_750x1520
22	slide h_1200
23	slide h_1550
24	slide side panel 124x680
25	climbing pole
26	MM139 rope short
27	board 45x110x770
28	MM139 Helicopter impeller
29	illuminator, cockpit panel
30	Cockcit
31	MM139 front panel
32	MM139 roof impeller
33	Tube D25x770

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

Theme play Helicopter

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

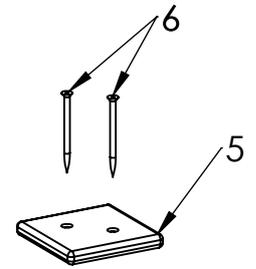
SCALE: 1:60

SHEET 7 OF 31

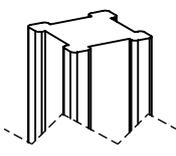


Tiptap OÜ

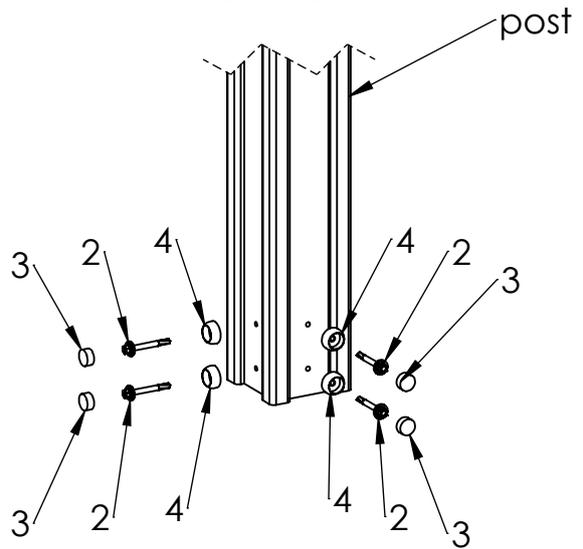
A



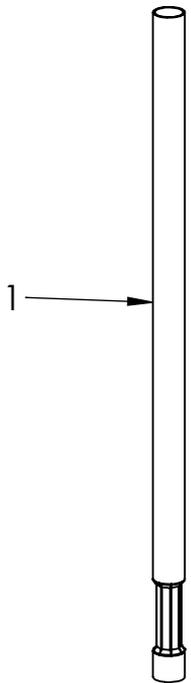
B



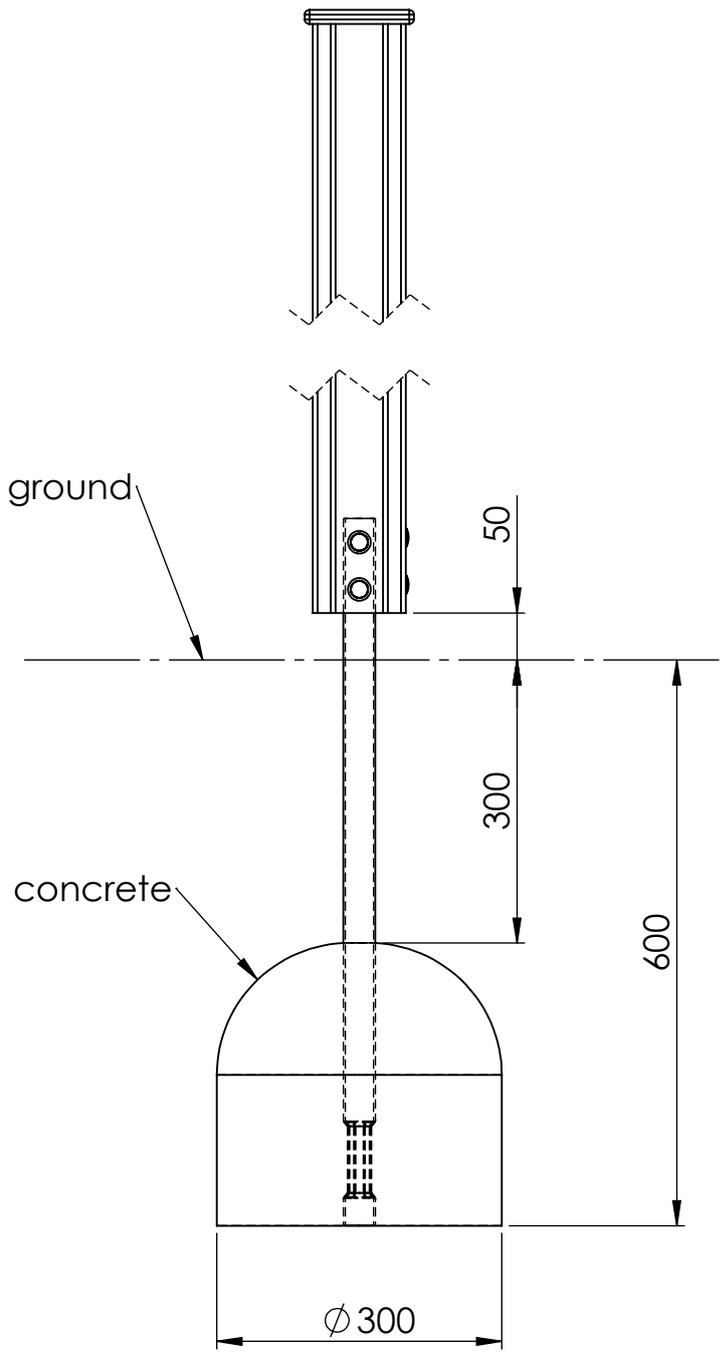
C



D



E



ITEM NO.	PART NUMBER
1	metal ground fixing L_750
2	screw DIN7504K 5,5x50
3	nut cover cap M6
4	nut cover M6
5	plastic cap 115x115
6	woodscrew 6 x 90

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM				
NAME	SIGNATURE	DATE	REVISION	
DRAWN E.Reispere		24.09.2025		
APPV'D				

PART NUMBER / DWG NO.:	MM139
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DESCRIPTION:	Theme play Helicopter connecting metal ground fixing to post
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F



Tiptap OÜ

MATERIAL:	wood, metal, plastic	A4
WEIGHT:	SCALE: 1:8	SHEET 8 OF 31

A

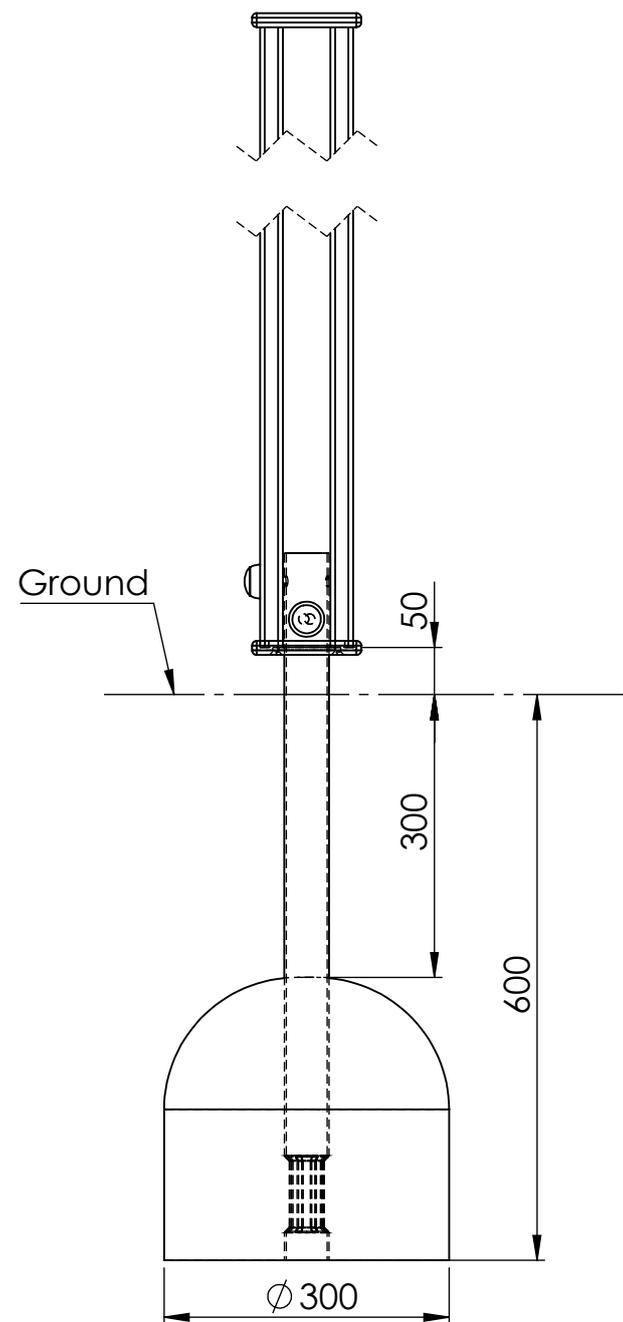
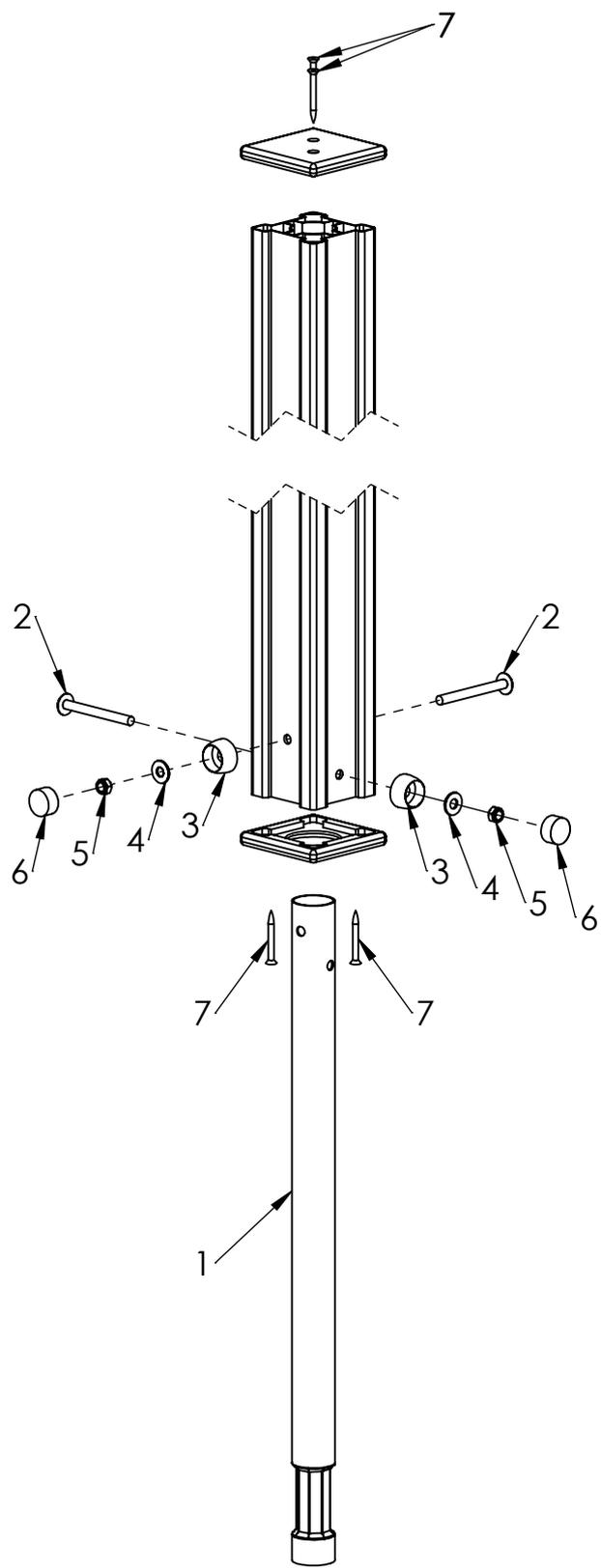
B

C

D

E

F



ITEM NO.	PART NUMBER
1	metal ground fixing L_750
2	bolt DIN603 M10x100
3	nut cover M12
4	Washer M10 DIN9054
5	nut DIN985 M10
6	nut cover cap M12
7	woodscrew 6x60

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:
**Theme play Helicopter
 connecting metal ground fixing to aluminium post**



MATERIAL: wood, metal, plastic	A4
WEIGHT:	SCALE: 1:8
	SHEET 9 OF 31

A

B

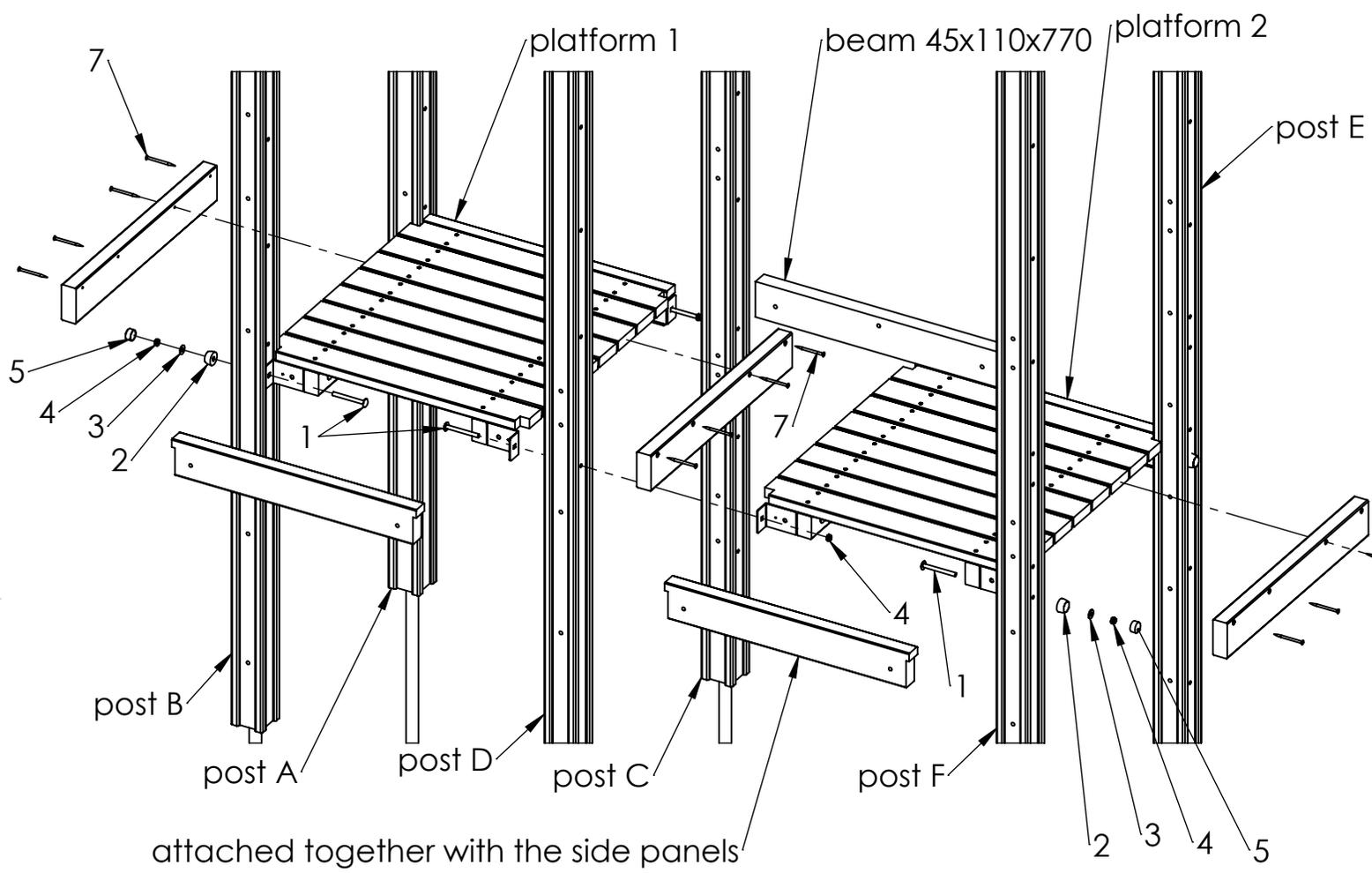
C

D

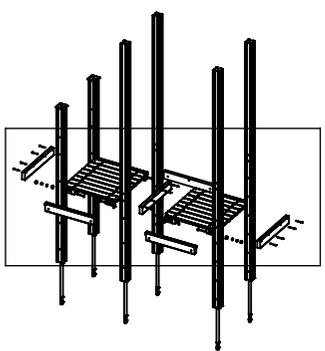
A

B

C



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	nut cover M12
3	washer M10 DIN9054
4	nut DIN985 M10
5	nut cover cap M12
6	post 98x98x2350
7	Woodscrew 6 x 90



A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				



Tiptap OÜ

PART NUMBER / DWG NO.: **MM139**

DESCRIPTION: **HELICOPTER**

MATERIAL: **wood, metal, plastic** A4

WEIGHT: SCALE: 1:100 SHEET 10 OF 31

A

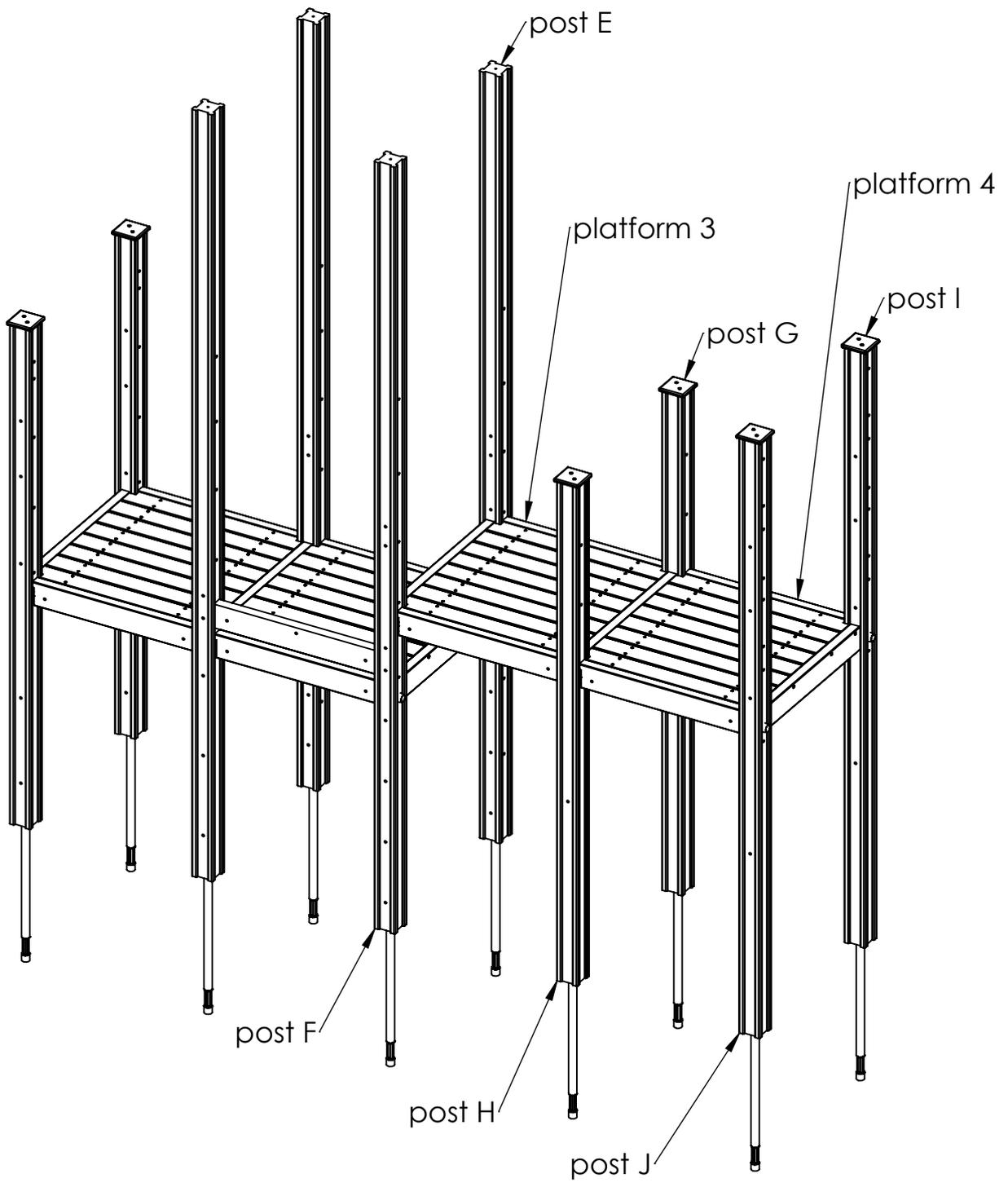
attach platforms 3 and 4
in the same way as
platforms 1 and 2

B

C

D

E



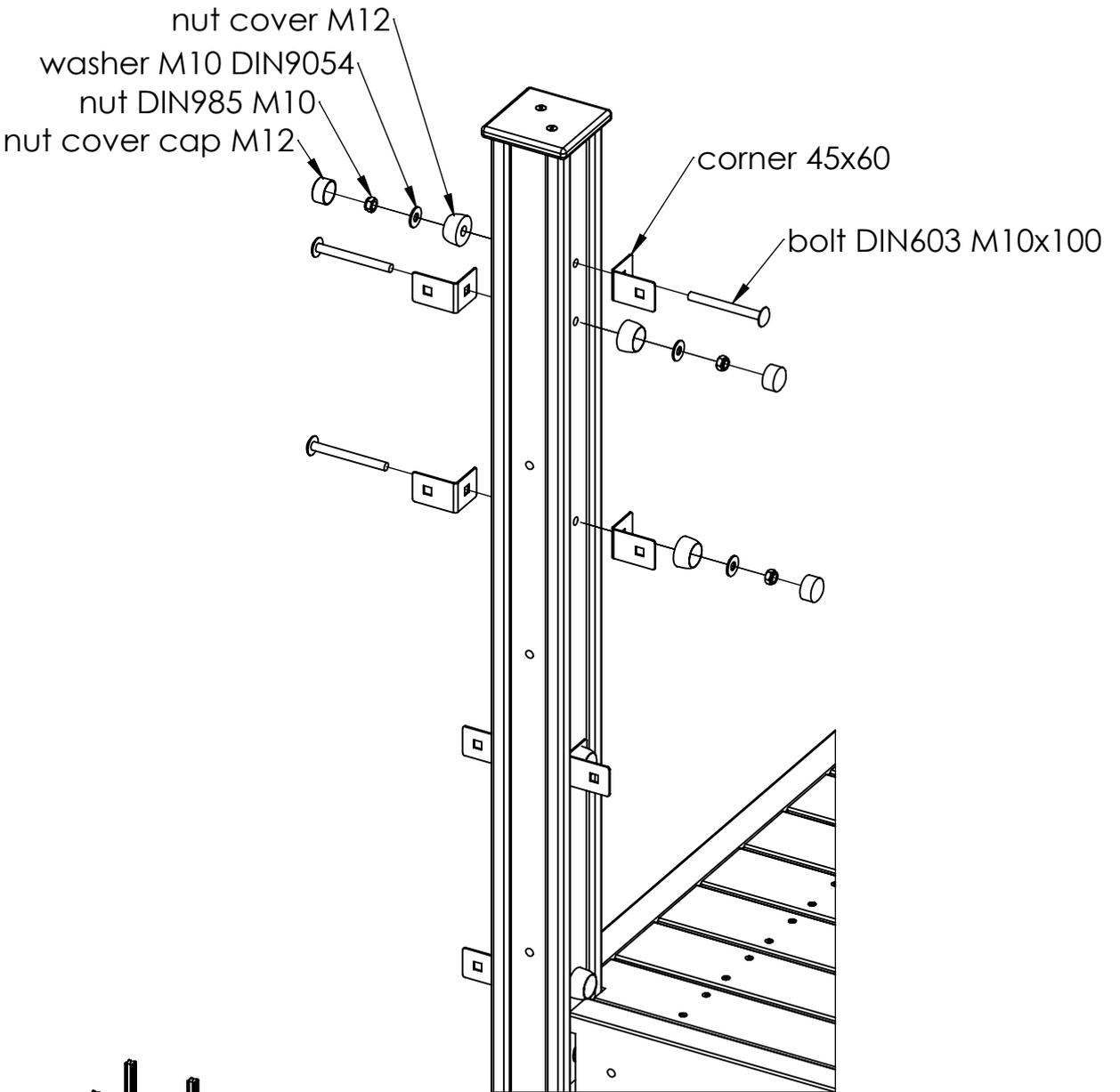
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM				
	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

PART NUMBER / DWG NO.:	MM139
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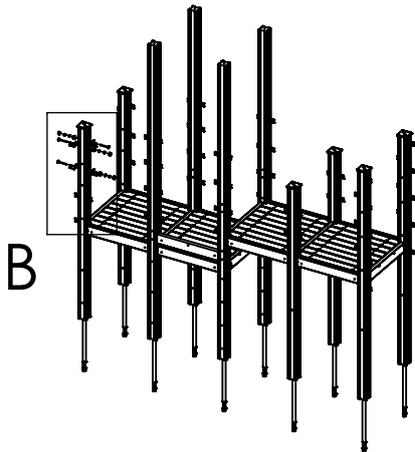
DESCRIPTION:	HELICOPTER
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MATERIAL:	wood, metal, plastic	A4
WEIGHT:	SCALE: 1:100	SHEET 11 OF 31



DETAIL B



A

B

C

D

E

F

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 12 OF 31



Tiptiptap OÜ

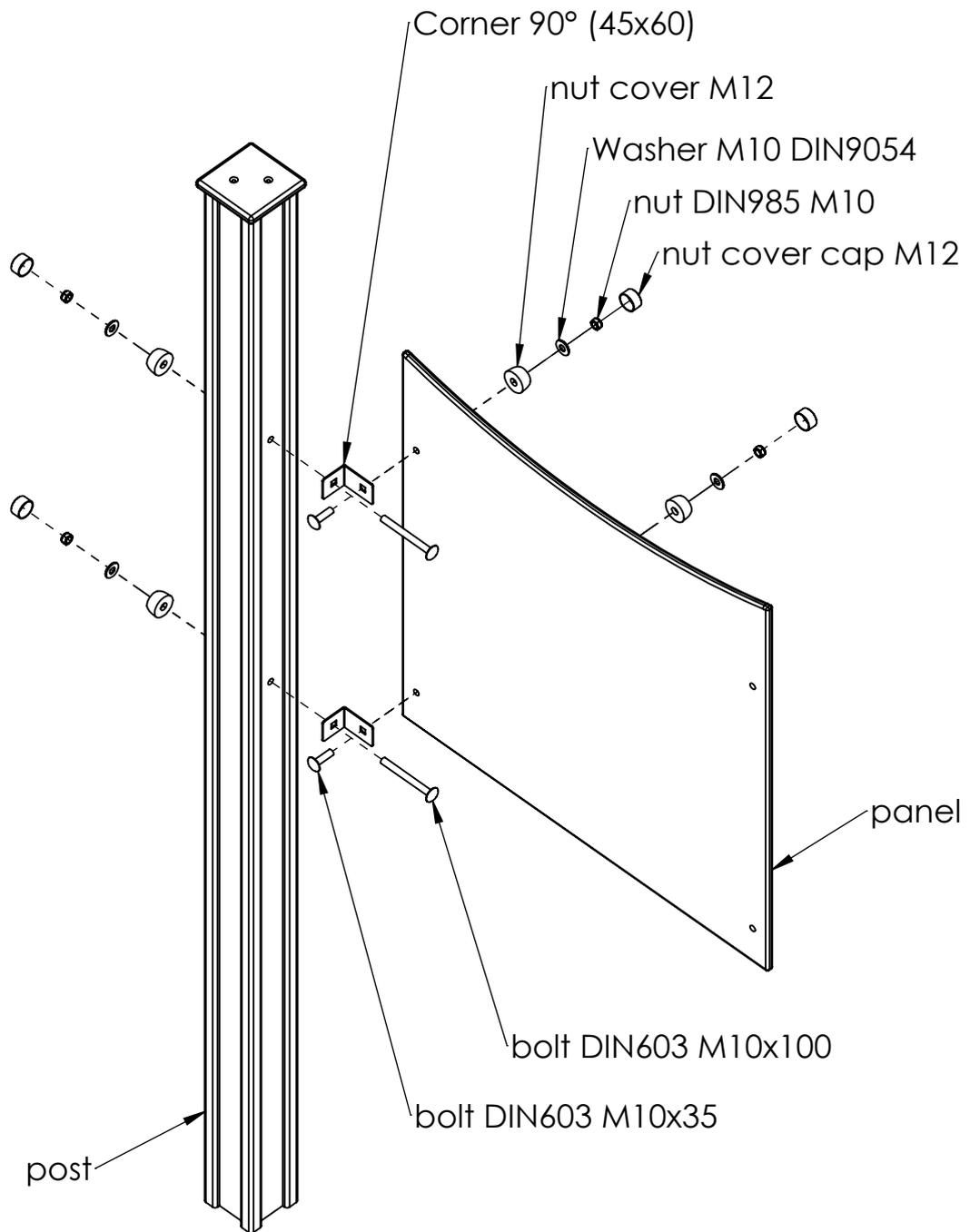
A

B

C

D

E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER



Tiptiptap^{OO}

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 13 OF 31

attaching the panel to the platform

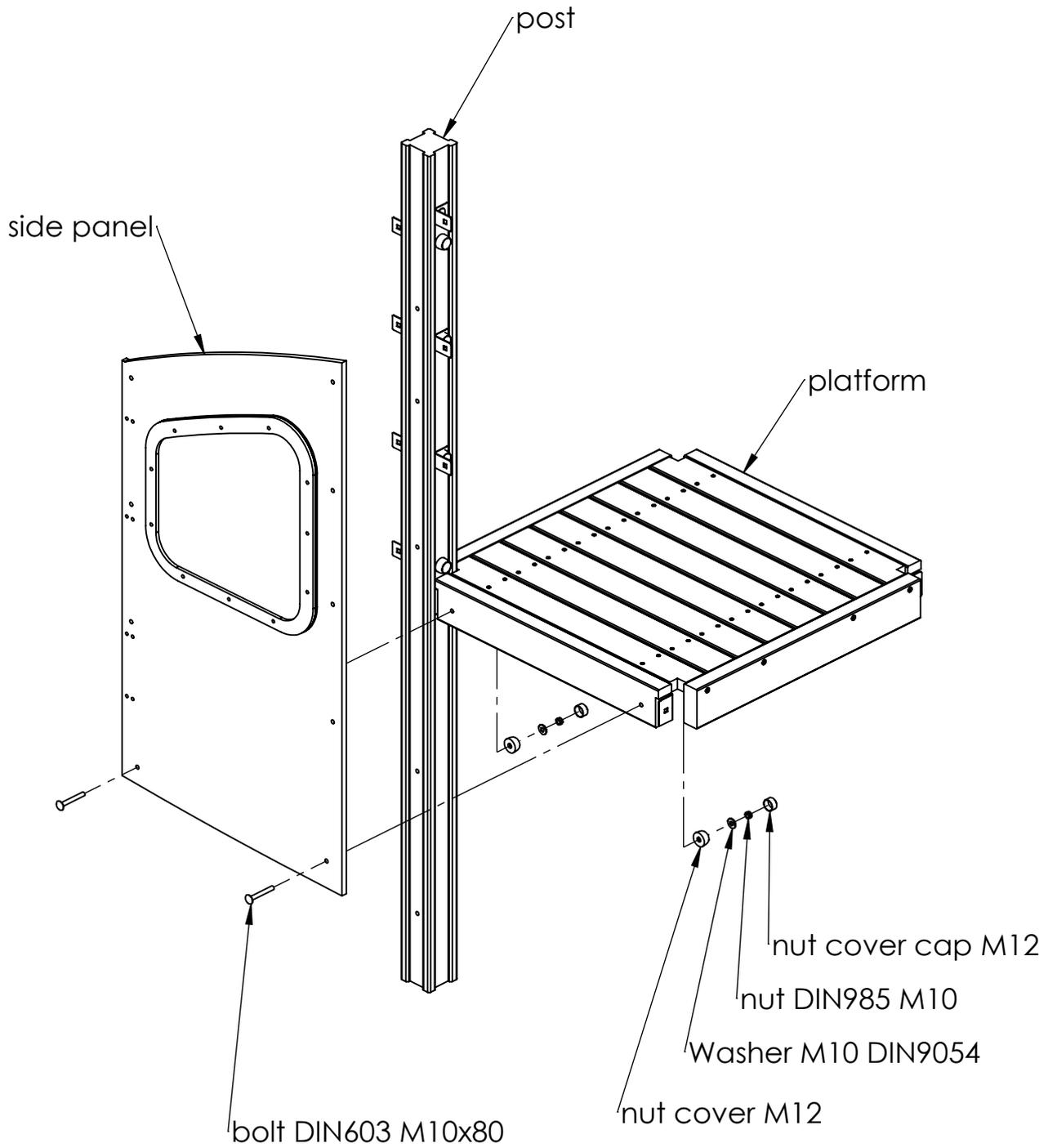
A

B

C

D

E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER

F



Tiptap ^{OO}

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 14 OF 31

attaching the illuminator / glass to the panel

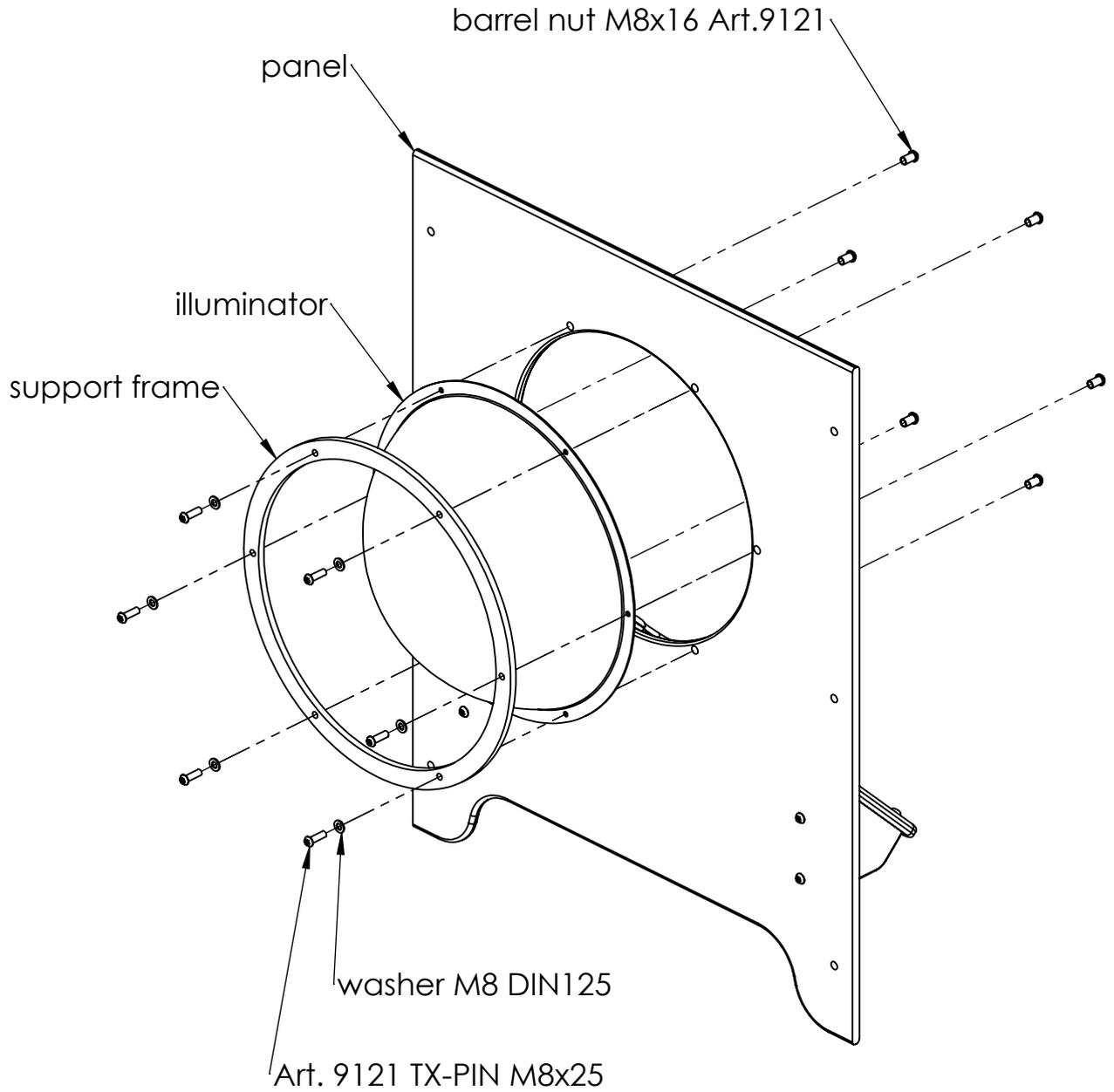
A

B

C

D

E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER



Tiptiptap OÜ

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 15 OF 31

F

A

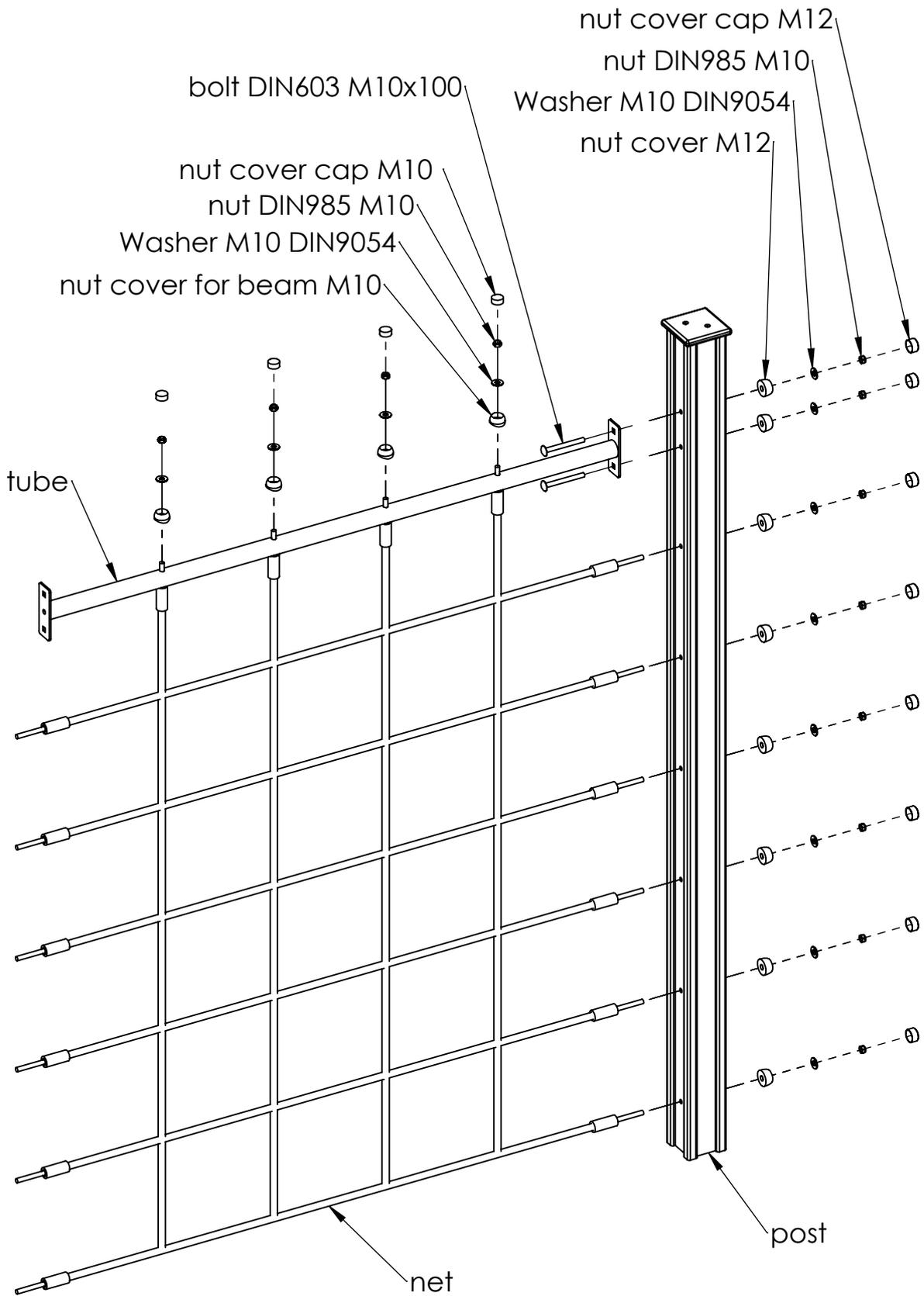
B

C

D

E

F



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 16 OF 31



Tiptiptap OÜ

A

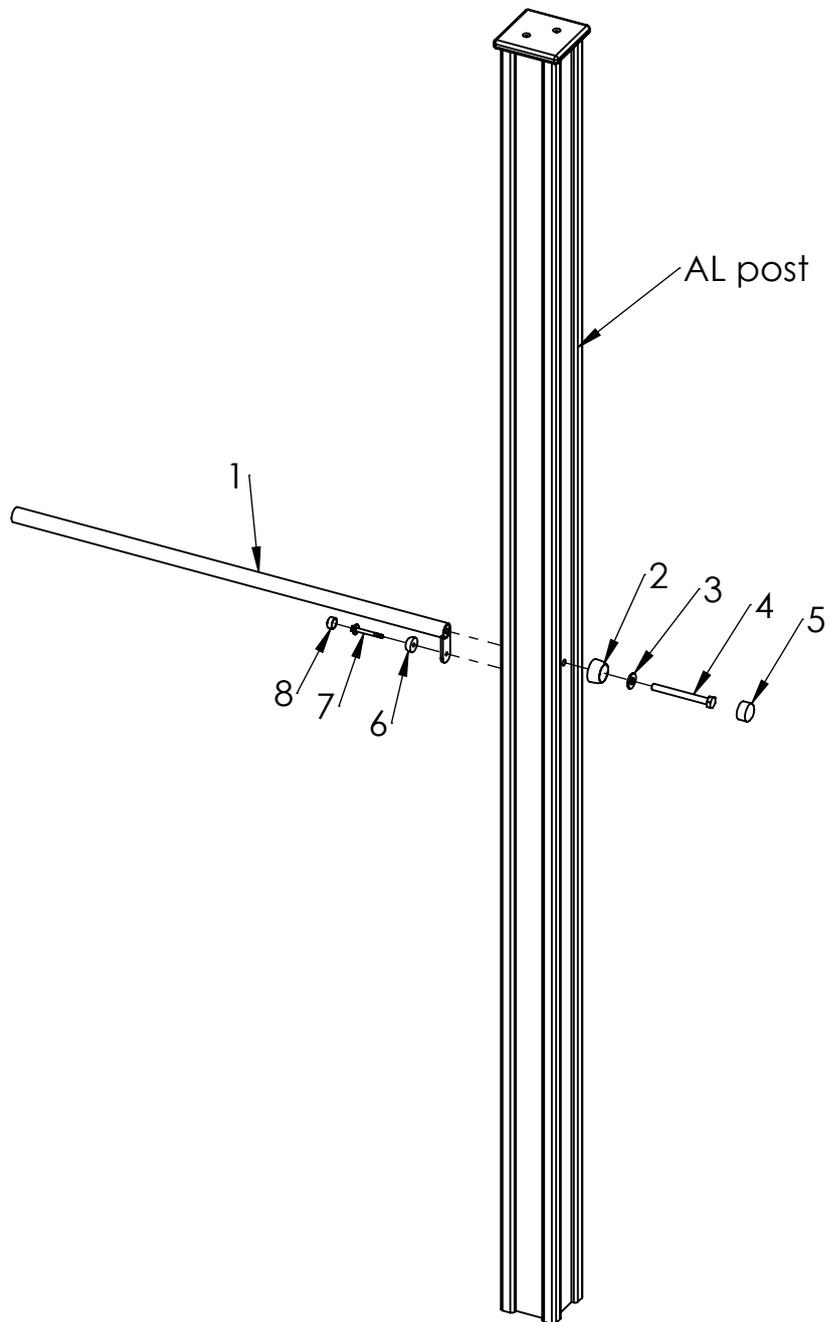
B

C

D

E

F



ITEM NO.	PART NUMBER
1	guardrail ϕ 25x770
2	nut cover M12
3	Washer M10 DIN9054
4	bolt DIN931 M10x100
5	nut cover cap M12
6	nut cover M6
7	screw DIN7504K 5,5x50
8	nut cover cap M6

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere			
APPV'D				

DESCRIPTION:
**Theme play Helicopter
 connecting guardrail to post**



MATERIAL: wood, metal, plastic	A4
WEIGHT:	SCALE: 1:12
	SHEET 17 OF 31

A

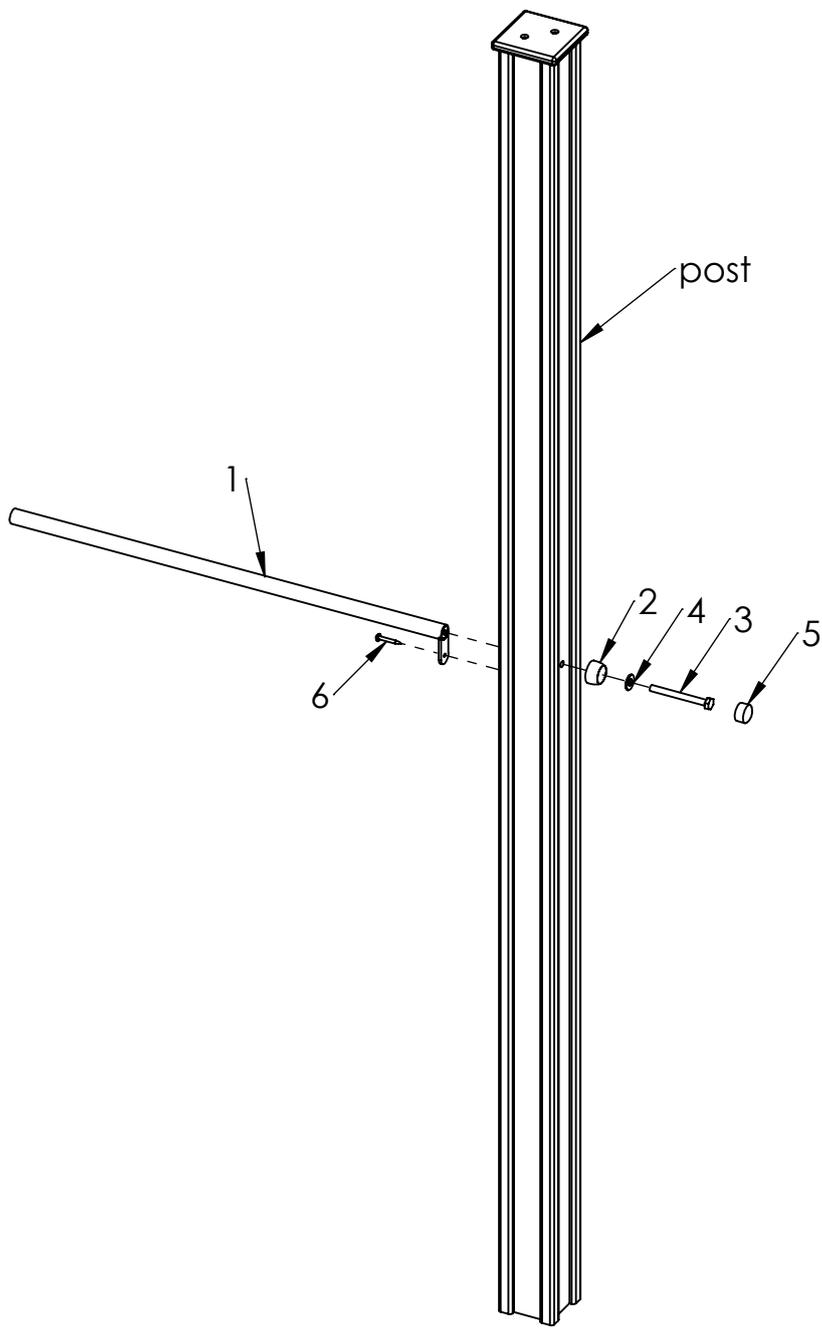
B

C

D

E

F



ITEM NO.	PART NUMBER
1	guardrail ϕ 25x770
2	nut cover M12
3	bolt DIN931 M10x100
4	Washer M10 DIN9054
5	nut cover cap M12
6	screw 5x40

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM				
	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere			
APPV'D				

PART NUMBER / DWG NO.:
MM139

DESCRIPTION:
**Theme play Helicopter
connecting guardrail to post**

MATERIAL:
wood, metal, plastic

A4



Tiptiptap ^{OO}

A

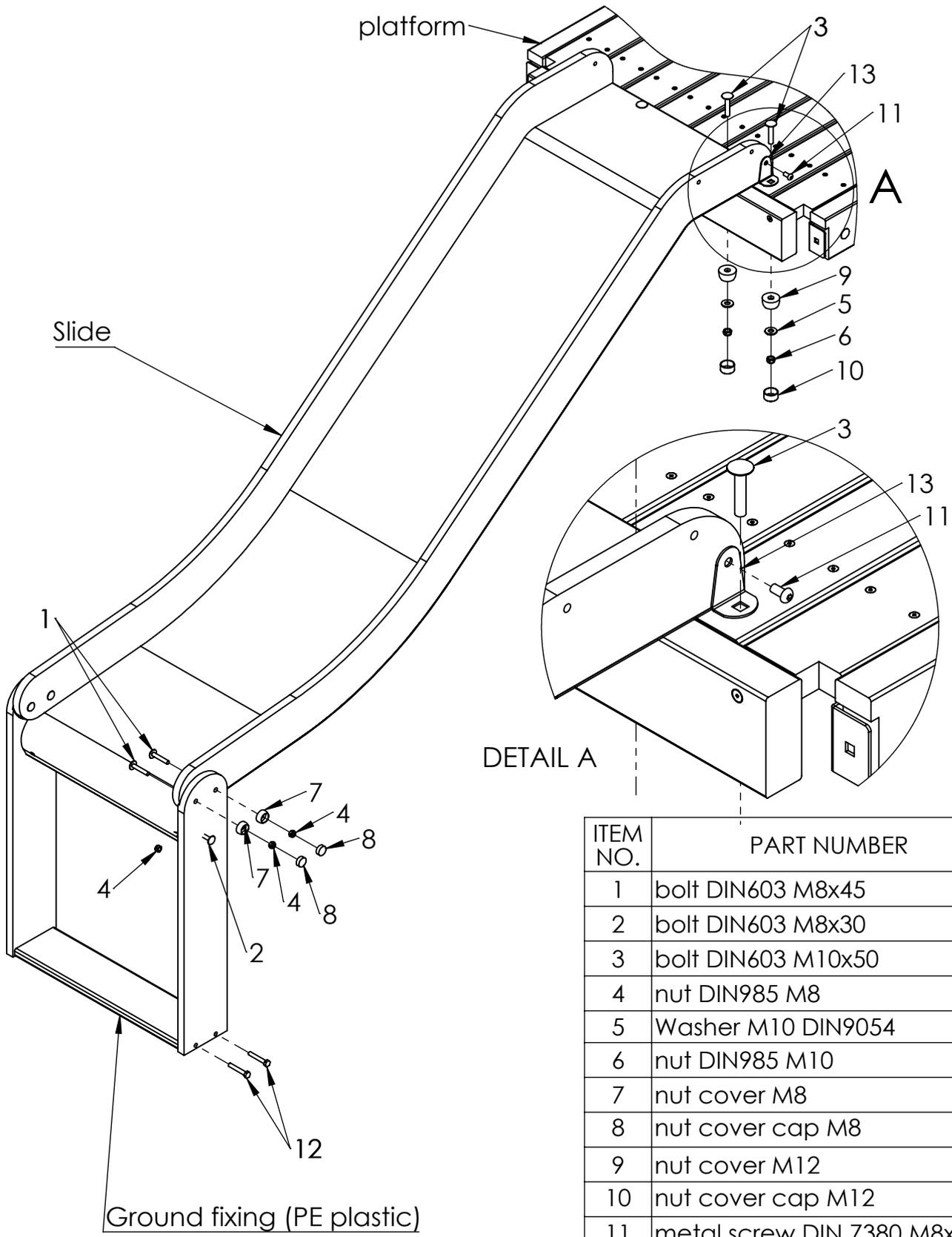
B

C

D

E

F

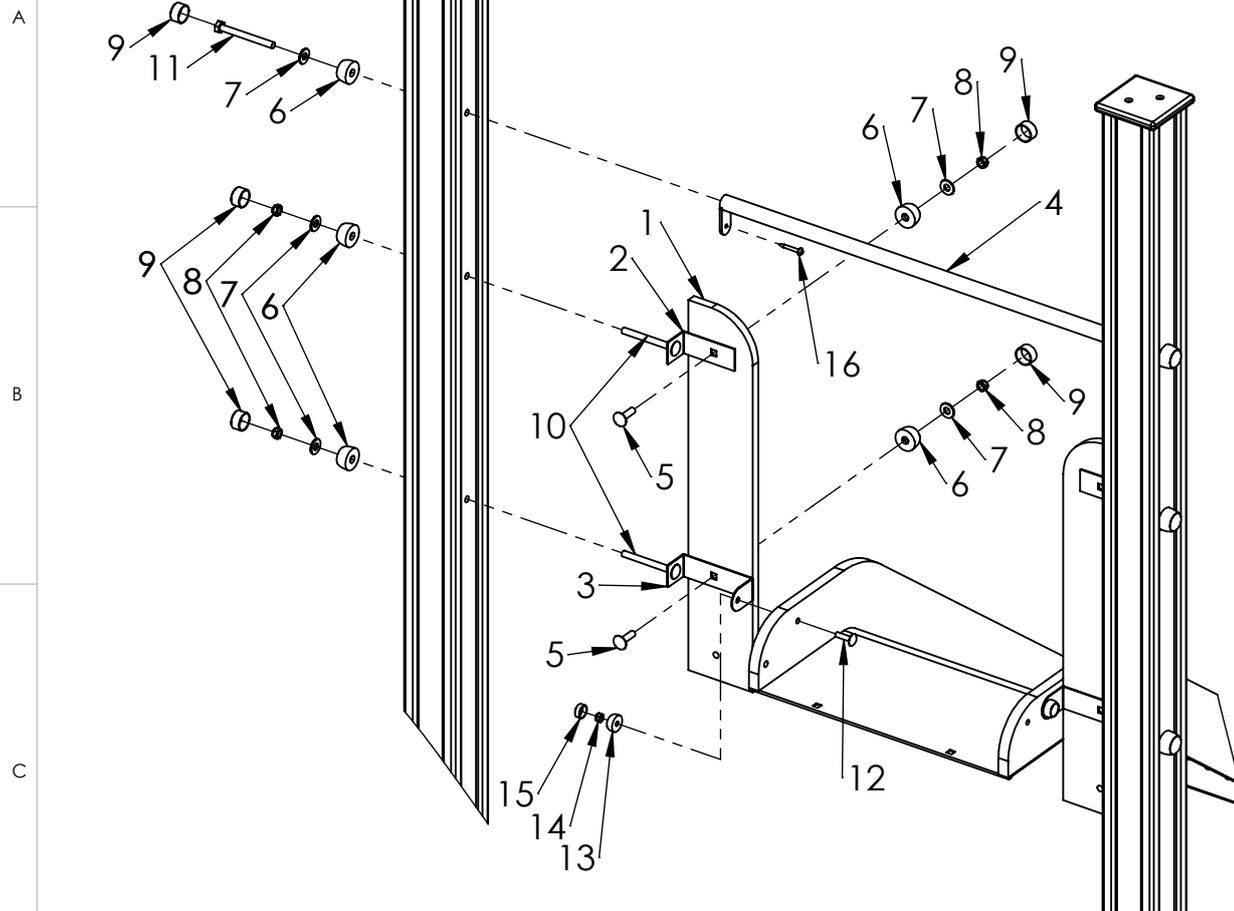


ITEM NO.	PART NUMBER
1	bolt DIN603 M8x45
2	bolt DIN603 M8x30
3	bolt DIN603 M10x50
4	nut DIN985 M8
5	Washer M10 DIN9054
6	nut DIN985 M10
7	nut cover M8
8	nut cover cap M8
9	nut cover M12
10	nut cover cap M12
11	metal screw DIN 7380 M8x16
12	bolt DIN933 M8x50
13	metal corner for slide

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM				
	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

PART NUMBER / DWG NO.:		MM139	
DESCRIPTION:			
Theme play Helicopter connecting slide to platform			
MATERIAL:		wood, metal, plastic	A4
WEIGHT:		SCALE: 1:12	SHEET 19 OF 31





ITEM NO.	PART NUMBER
1	slide side panel 124x680
2	slide side panel fixing 40x100
3	slide side panel fixing 40x135
4	guardrail ϕ 25x770
5	bolt DIN603 M10x35
6	nut cover M12
7	Washer M10 DIN9054
8	nut DIN985 M10
9	nut cover cap M12
10	bolt DIN603 M10x100
11	bolt DIN931 M10x100
12	bolt DIN603 M8x30
13	nut cover M8
14	nut DIN985 M8
15	nut cover cap M8
16	screw 5x40

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere			
APPV'D				

DESCRIPTION:

Theme play Helicopter
connecting slide guard block to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 20 OF 31



Tiptap⁰⁰

A

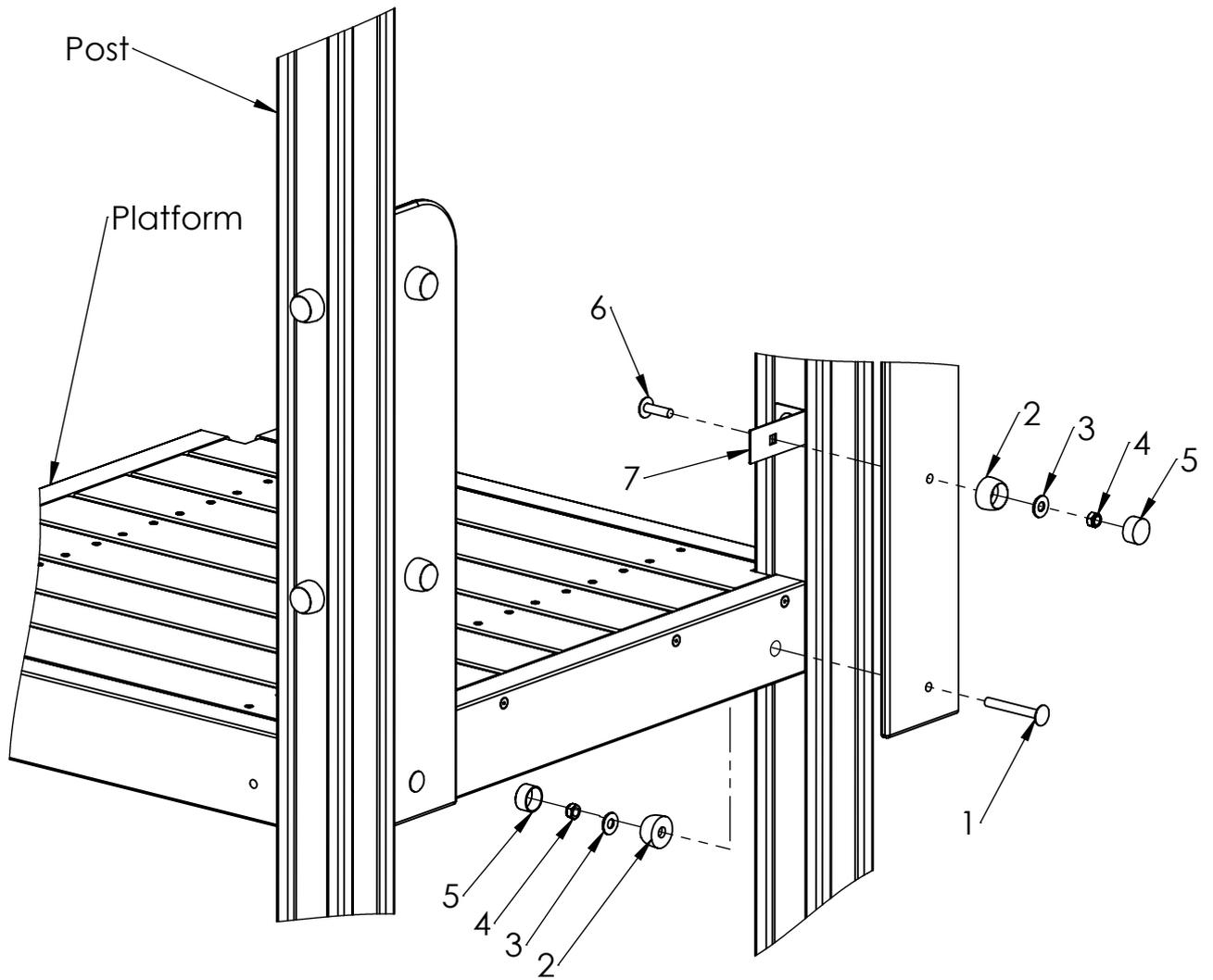
B

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D

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F



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x80
2	nut cover M12
3	Washer M10 DIN9054
4	nut DIN985 M10
5	nut cover cap M12
6	bolt DIN603 M10x35
7	slide side panel fixing 40x100

UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

Theme play Helicopter

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 21 OF 31



Tiptiptap OÜ

A

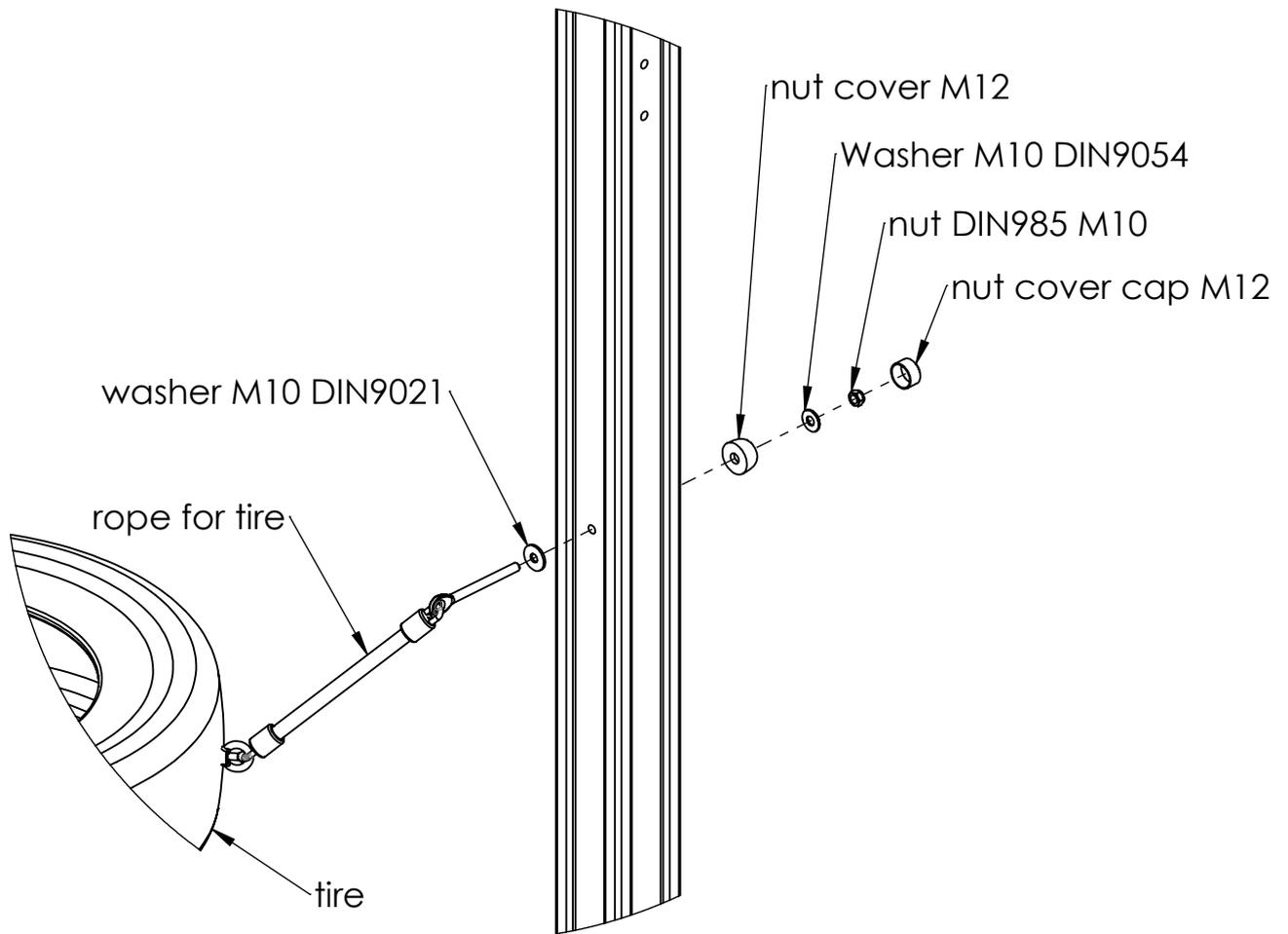
B

C

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:
HELICOPTER



MATERIAL:	wood, metal, plastic	A4
WEIGHT:		SCALE: 1:8
		SHEET 22 OF 31

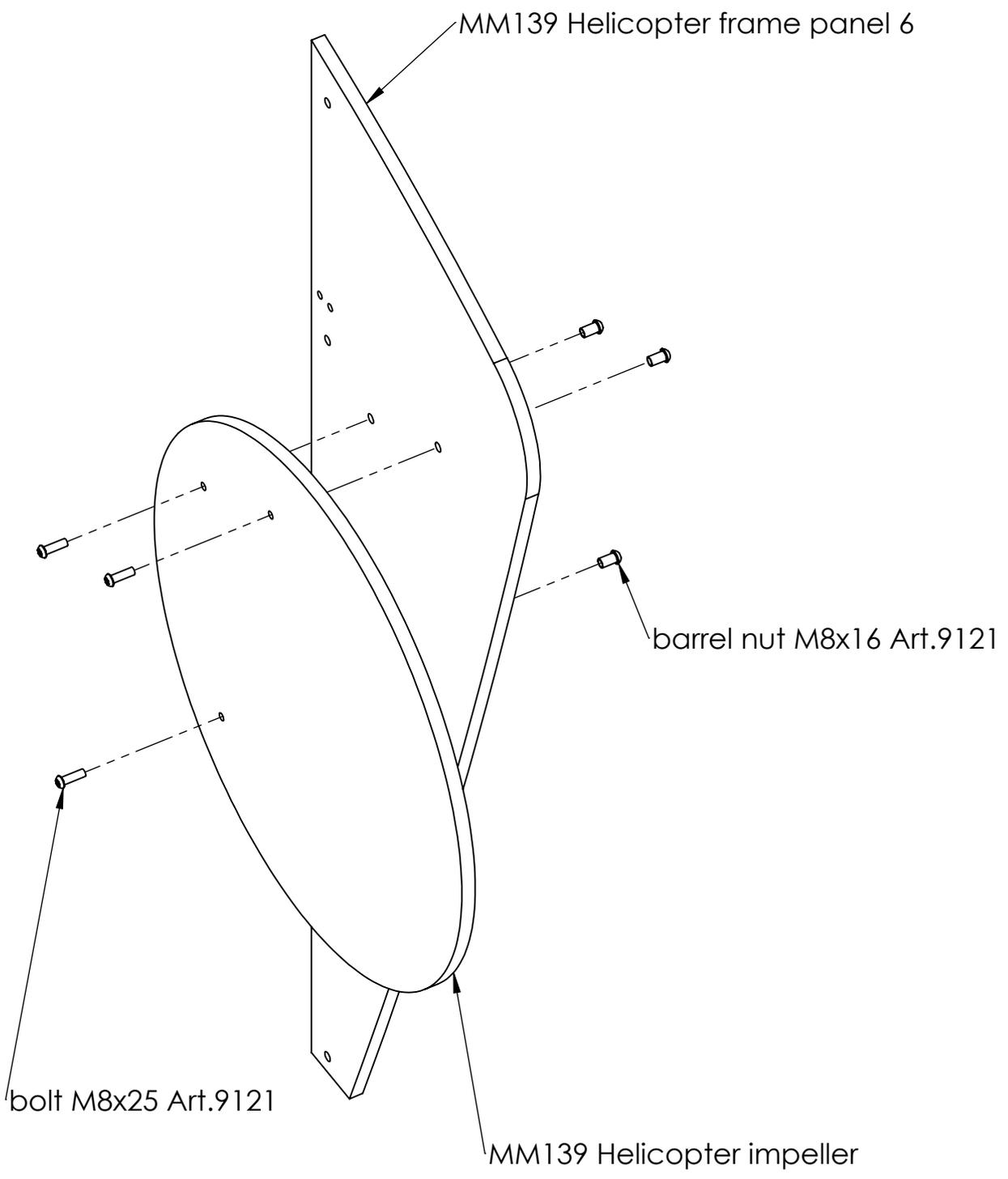
A

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:
HELICOPTER



MATERIAL:	wood, metal, plastic	A4
WEIGHT:		SCALE: 1:20
		SHEET 23 OF 31

attaching the end panel support

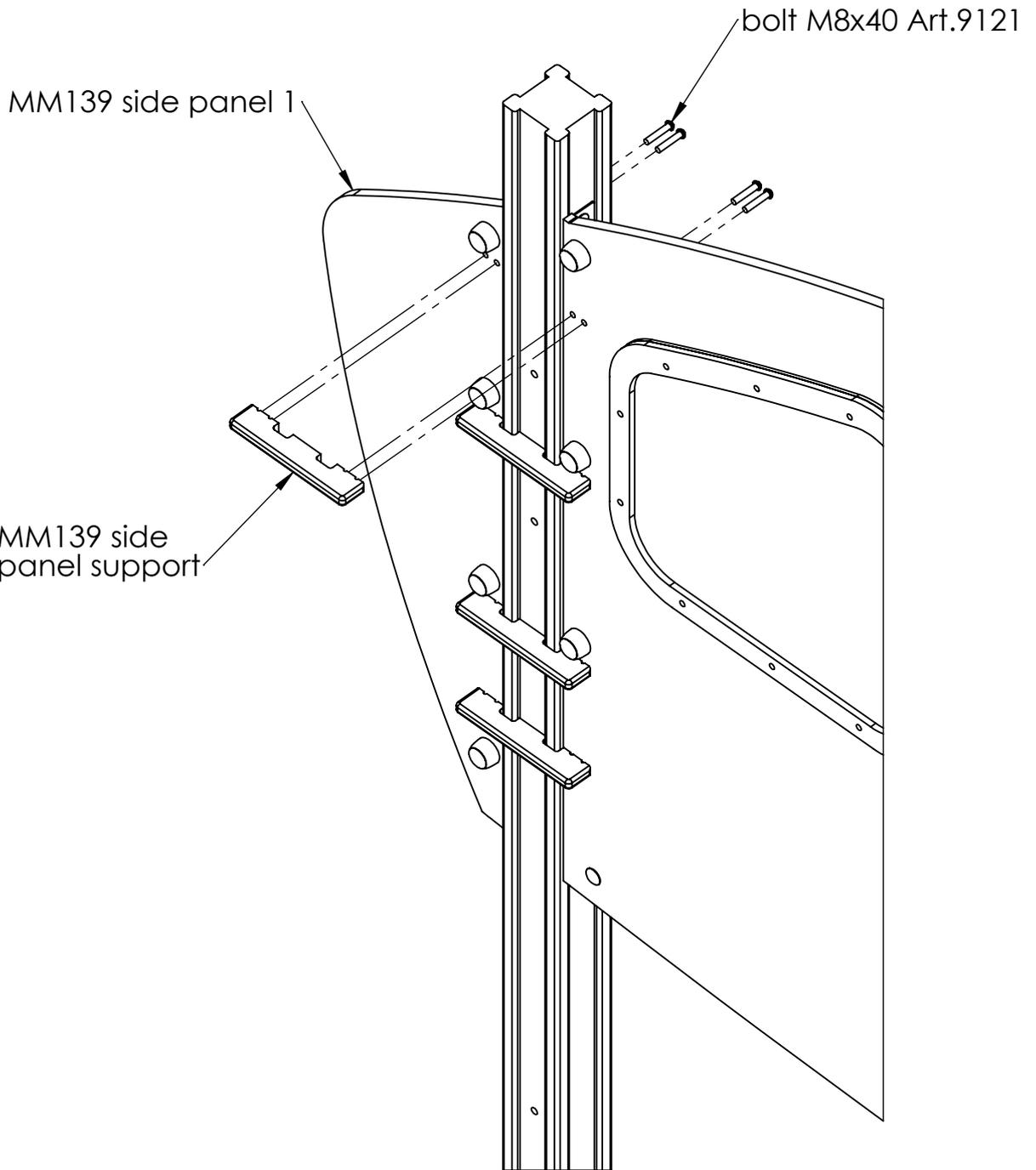
A

B

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E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 24 OF 31



Tiptiptap ^{OO}

F

A

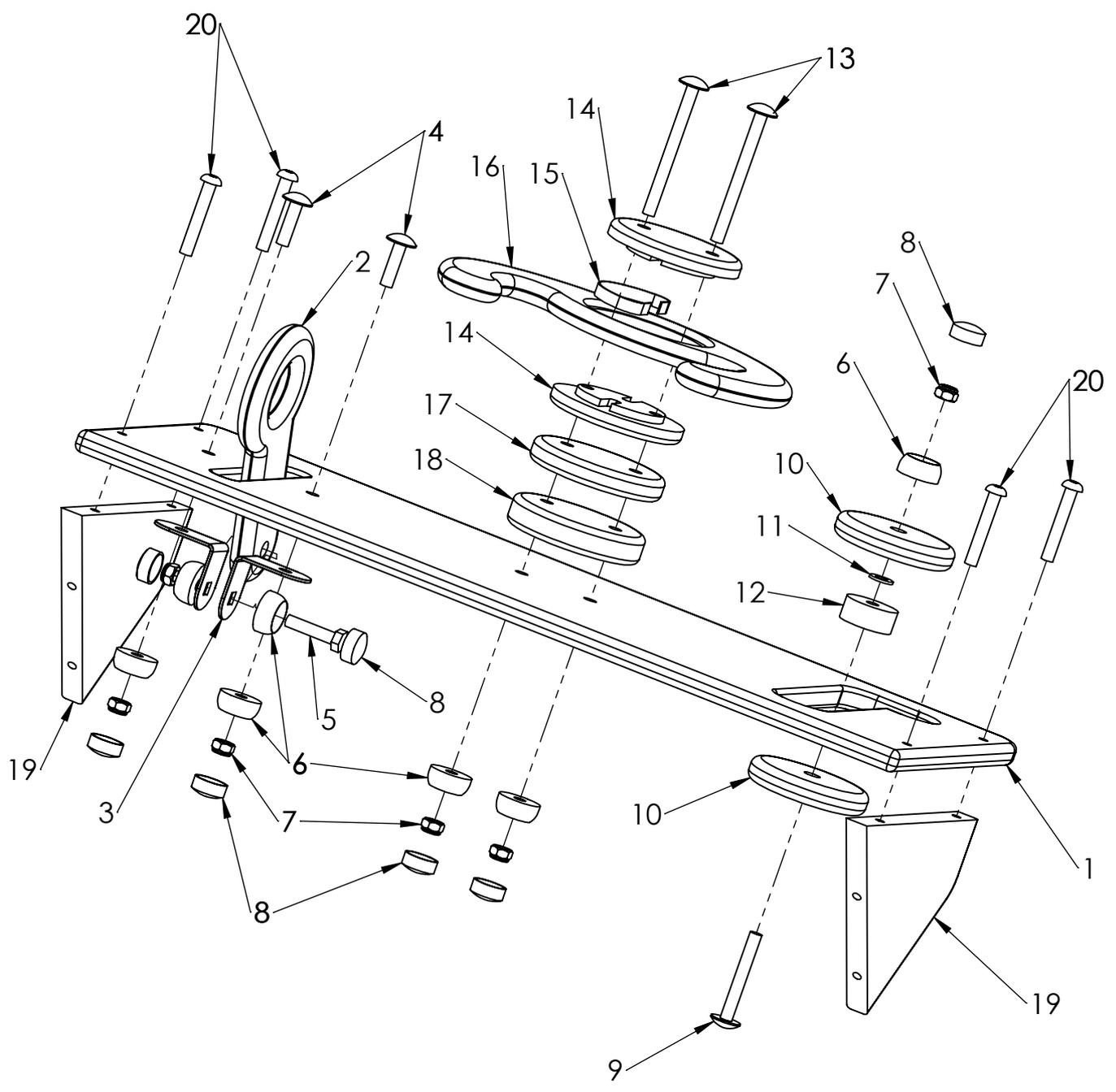
B

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UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:
HELICOPTER
 connecting playcorner-cockpit



MATERIAL:	wood, metal, plastic	A4
WEIGHT:		
	SCALE: 1:4	SHEET 25 OF 31

	ITEM NO.	PART NUMBER
A	1	cockpit panel
	2	gear lever
	3	corner 45x48
B	4	bolt DIN603 M8x30
	5	bolt DIN933 M8x35
	6	nut cover M8
	7	nut DIN985 M8
	8	nut cover cap M8
C	9	bolt DIN603 M8x60
	10	moving detail
	11	washer M8 DIN125
	12	moving centre detail
	13	bolt DIN603 M8x90
D	14	Disk 90mm for spring
	15	spring for wheel
	16	plane wheel
	17	Disk 90mm
	18	Disc 90mm 19mm
E	19	Cockpit corner
	20	bolt M8x40 Art. 9121

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER
connecting playcorner-cockpit

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:5

SHEET 26 OF 31



Tiptap ^{OO}

A

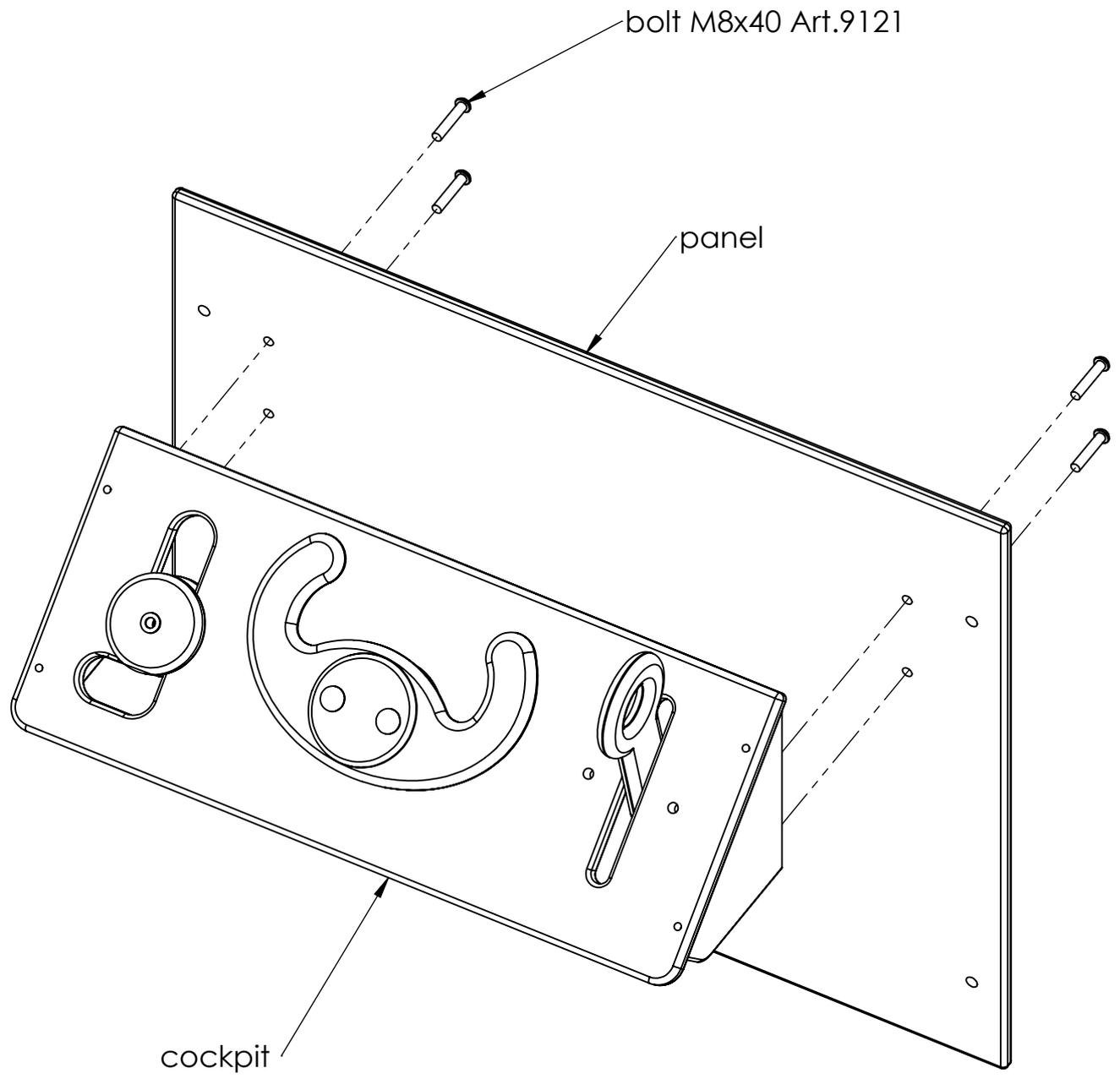
B

C

D

E

F



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:
MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:
HELICOPTER



MATERIAL: wood, metal, plastic

A4

WEIGHT: SCALE: 1:100 SHEET 27 OF 31

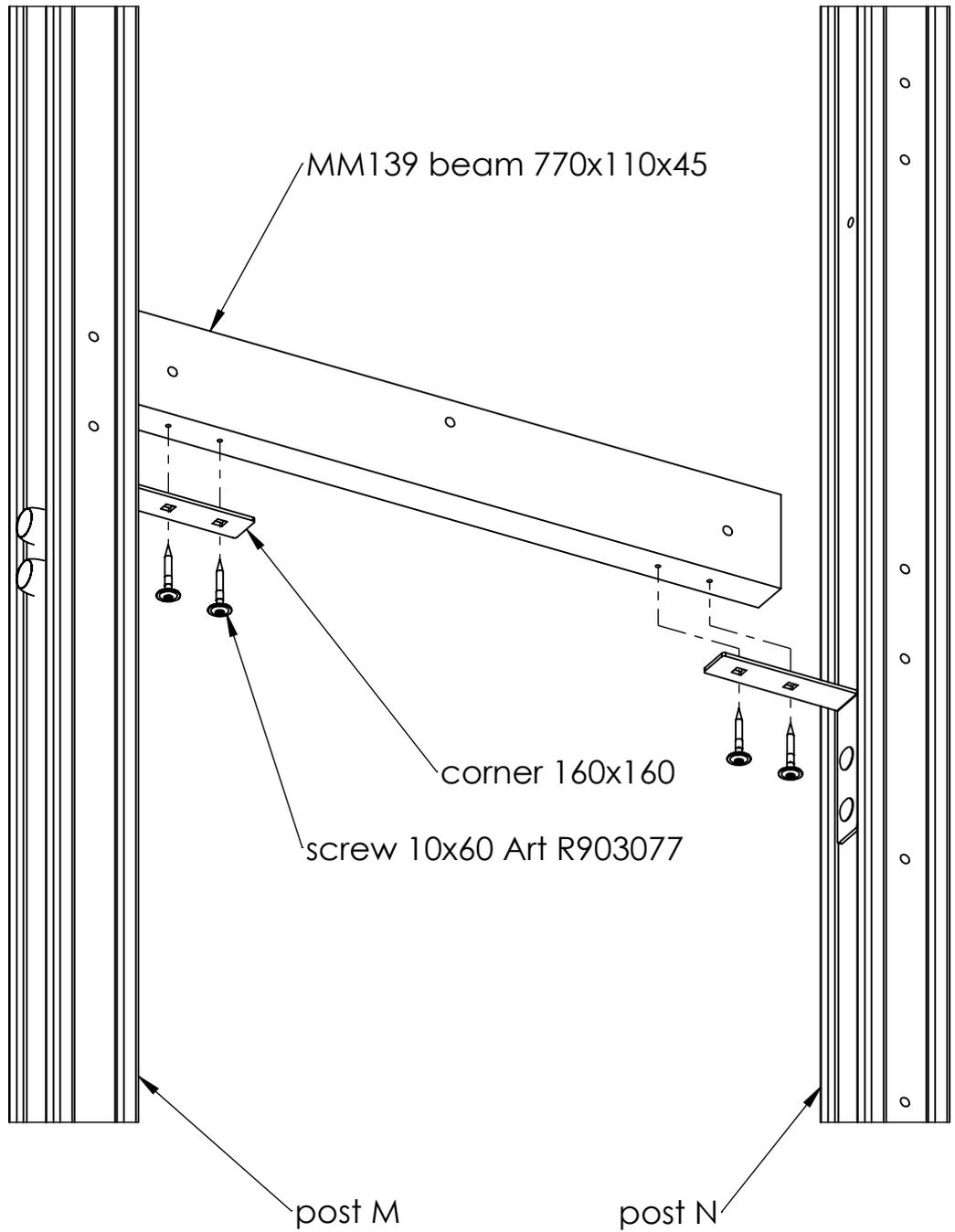
A

B

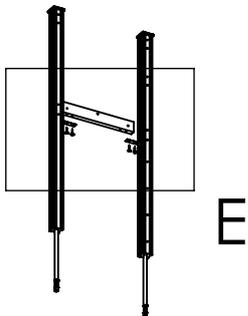
C

D

E



DETAIL E



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER



Tiptiptap^{OO}

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 28 OF 31

A

B

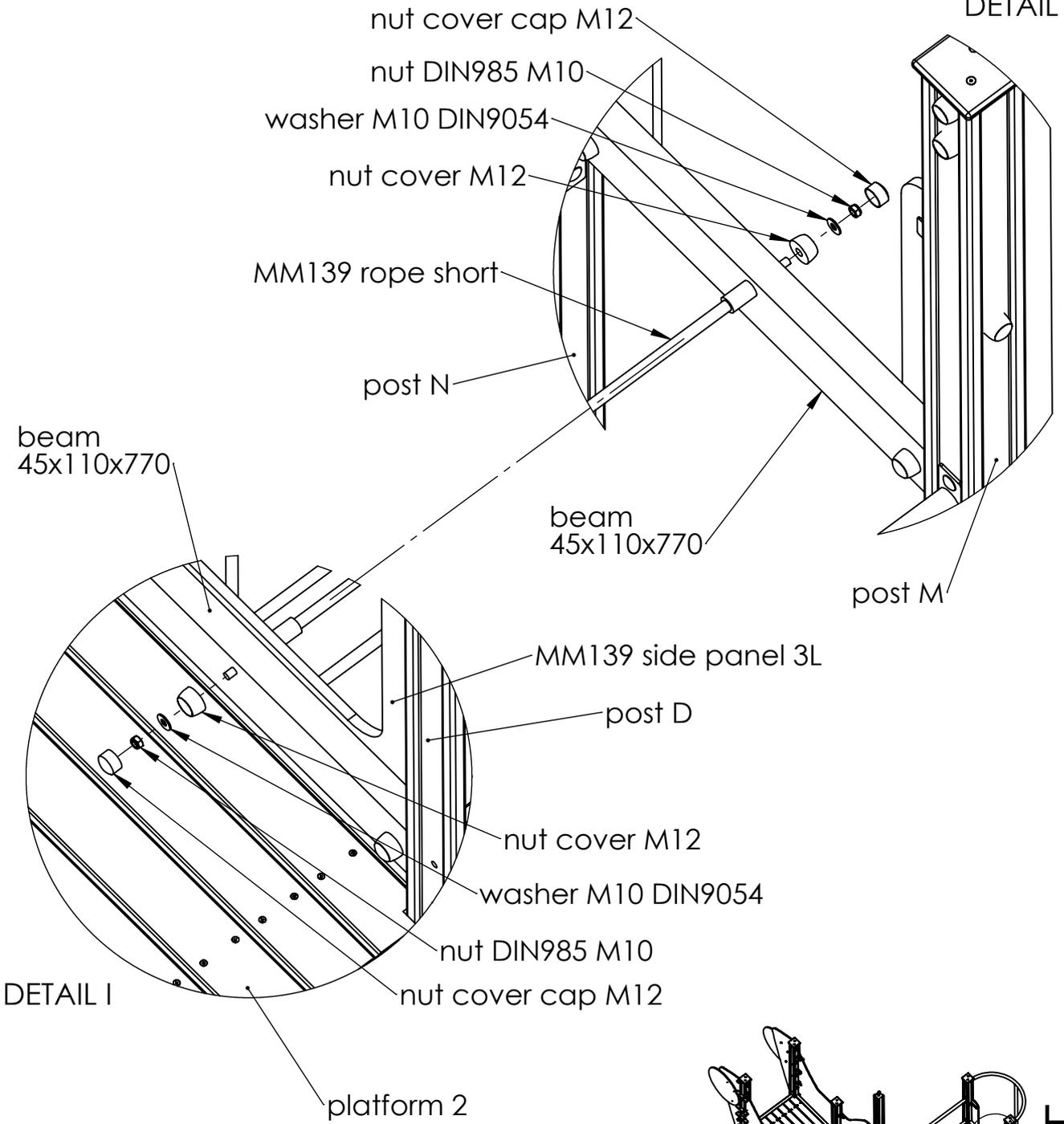
C

D

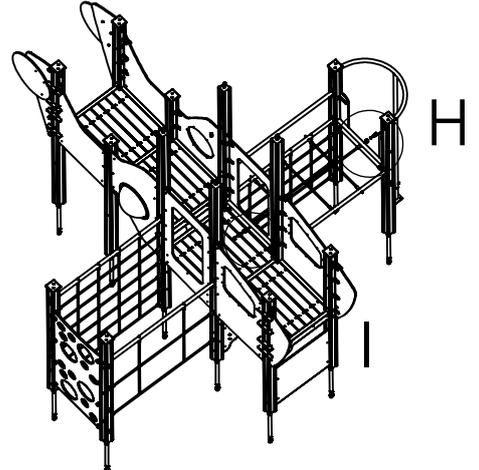
E

F

DETAIL H



DETAIL I



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

PART NUMBER / DWG NO.:	MM139		
DESCRIPTION:	HELICOPTER		



MATERIAL:	wood, metal, plastic	A4
WEIGHT:	SCALE: 1:100	SHEET 29 OF 31

A

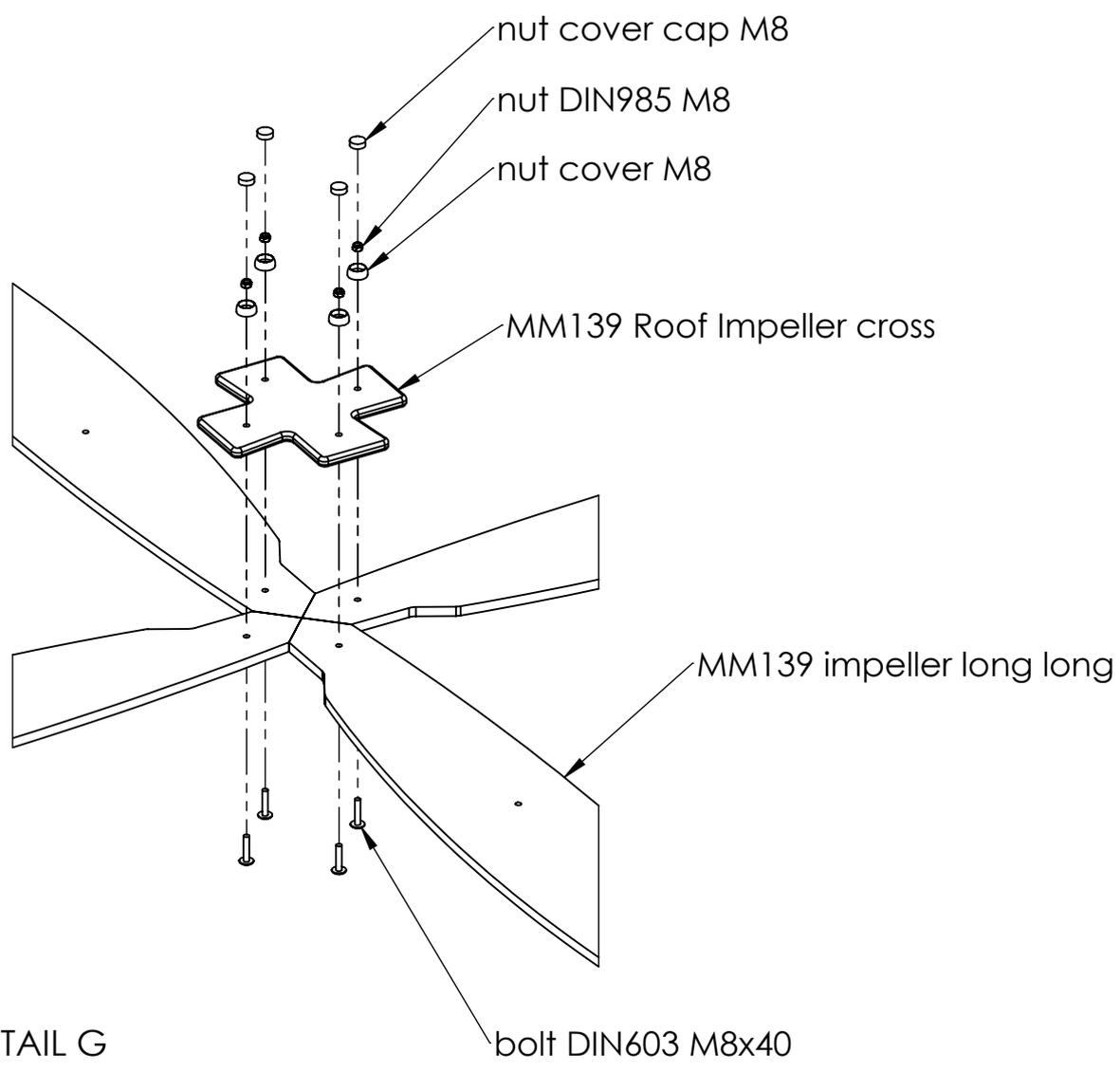
B

C

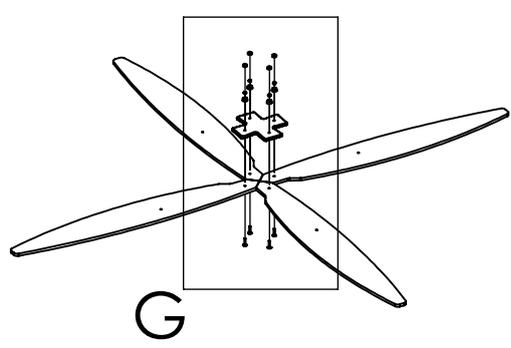
D

E

F



DETAIL G



UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
WEIGHT ARE IN KILOGRAMM

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

PART NUMBER / DWG NO.:	MM139
DESCRIPTION:	HELICOPTER



MATERIAL:	wood, metal, plastic	A4
WEIGHT:		SCALE: 1:100
		SHEET 30 OF 31

A

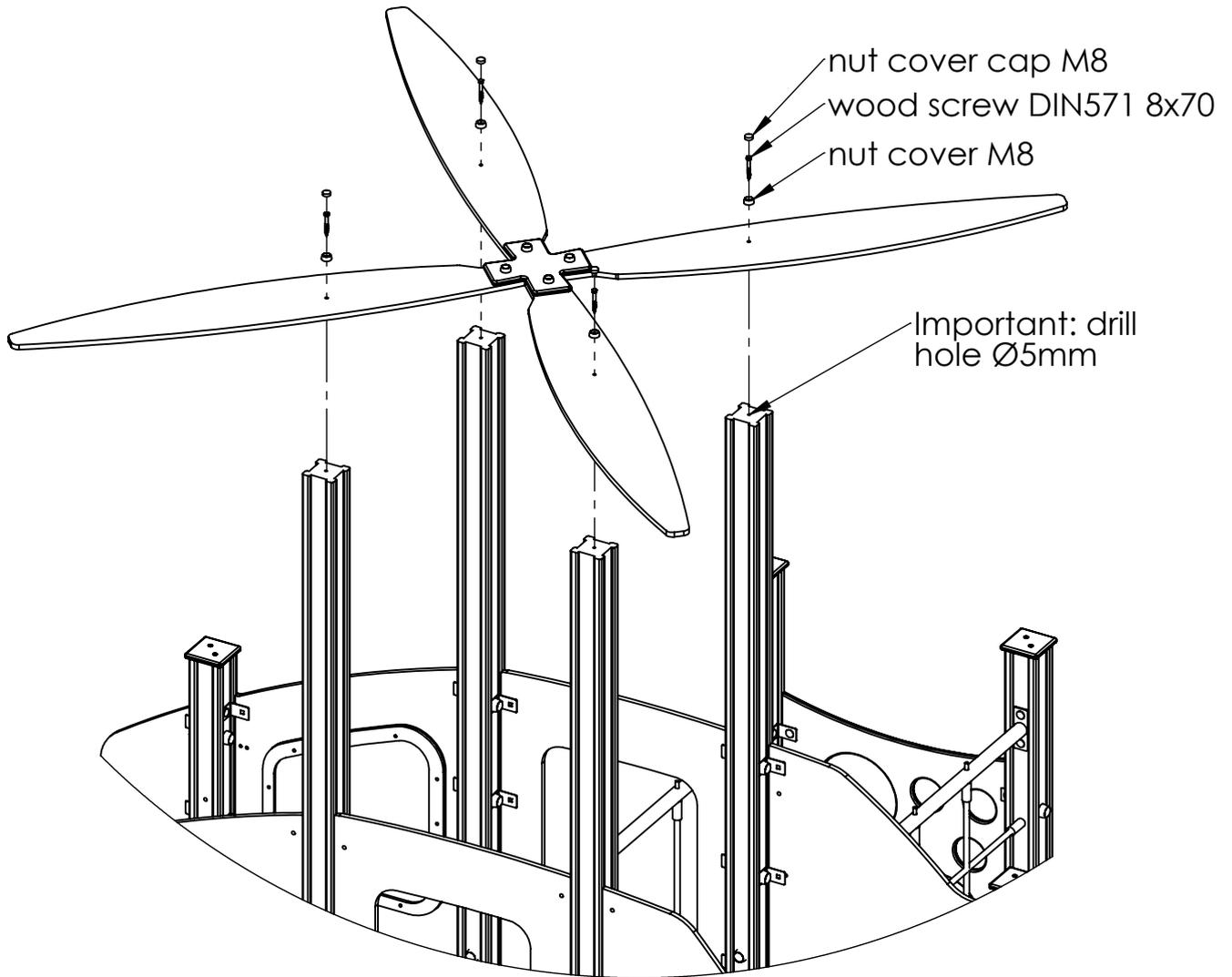
B

C

D

E

F



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN MILLIMETERS
 WEIGHT ARE IN KILOGRAMM

PART NUMBER / DWG NO.:

MM139

	NAME	SIGNATURE	DATE	REVISION
DRAWN	E.Reispere		24.09.2025	
APPV'D				

DESCRIPTION:

HELICOPTER

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:100

SHEET 31 OF 31



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