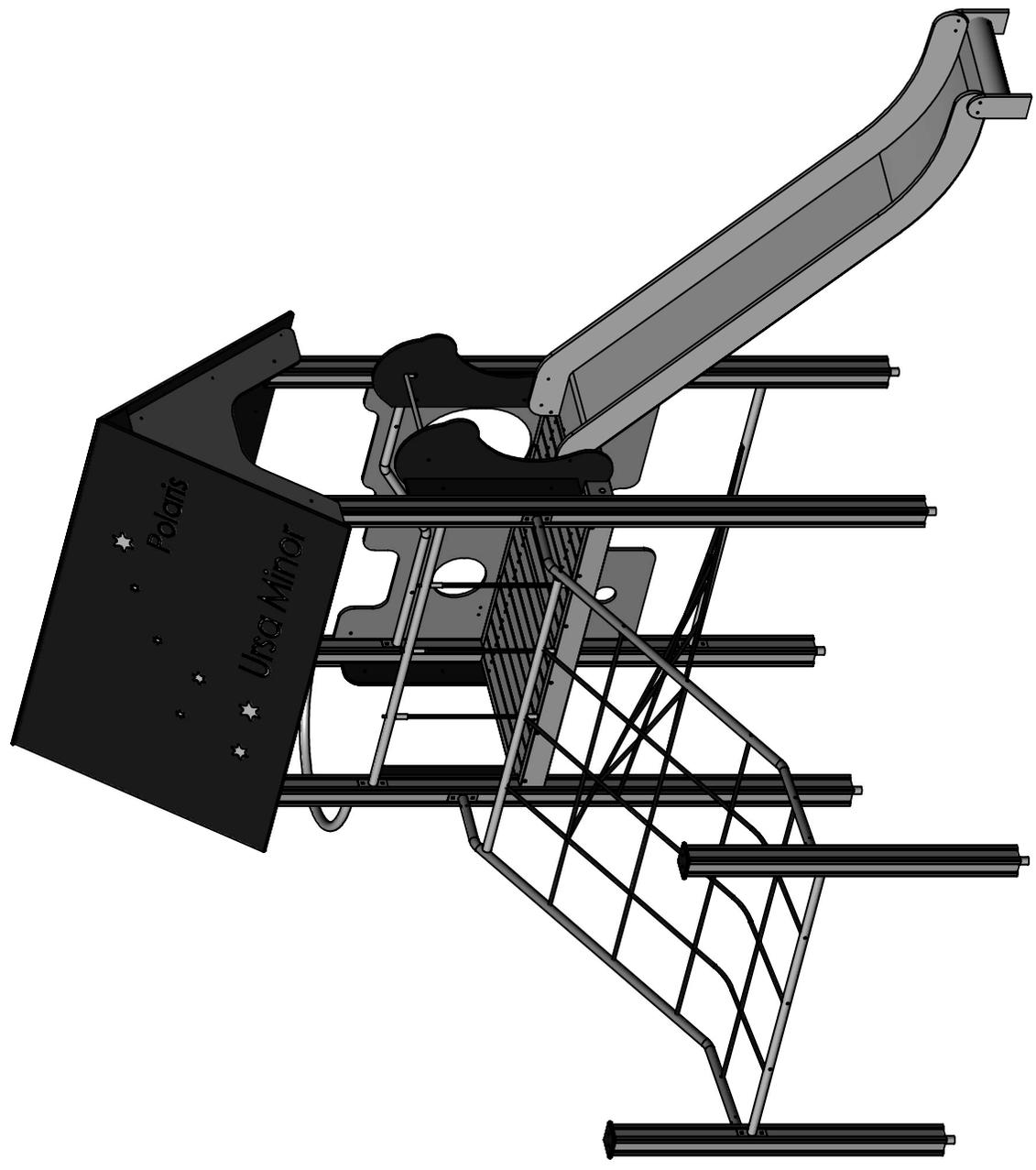


1 2 3 4

A B C D E



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

PART NUMBER / DWG NO.:
Z003

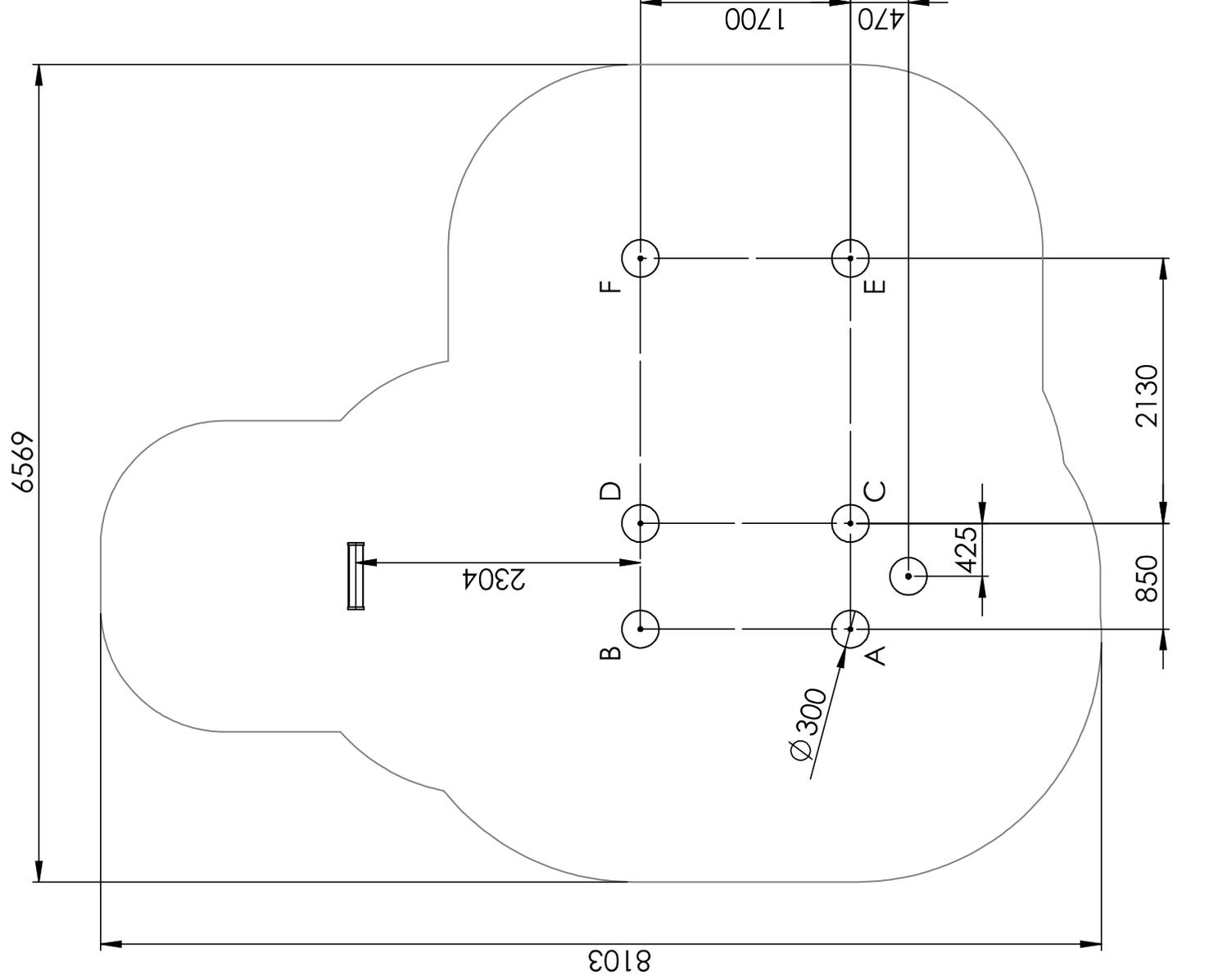
NAME	SIGNATURE	DATE	REVISION
DRAWN I. Agar		19.04.2021	
APPVD			

DESCRIPTION:
Play centre Ursa Minor


Tiptap OÜ
 Veetorni 9,
 Jüri alevik, Rae vald,
 75301 Harjumaa

MATERIAL: wood, metal, plastic	A4
WEIGHT:	SCALE: 1:30
SHEET 1 OF 24	

Foundation



Depth of foundation: 600mm

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

PART NUMBER / DWG NO.:

Z003

DRAWN
APPVD

NAME
I. Agar

DATE
19.04.2021

REVISION

DESCRIPTION:

Play centre Ursa Minor



Tiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

MATERIAL:
wood, metal, plastic

A4

WEIGHT:

SCALE: 1:50

SHEET 3 OF 24

1 2 3 4 5 6

A

A

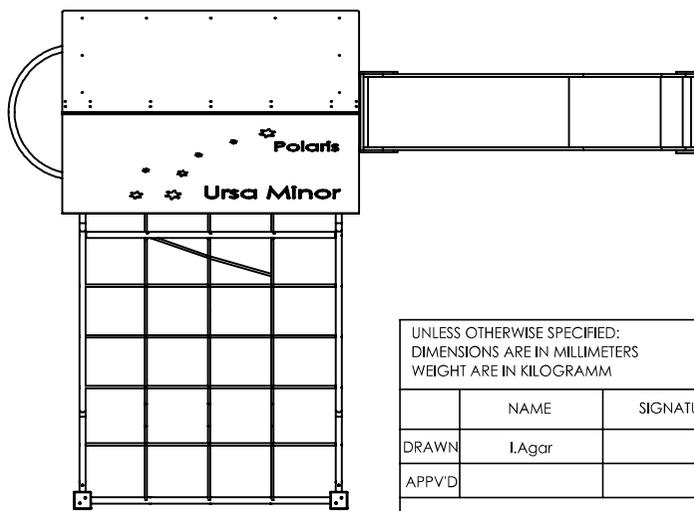
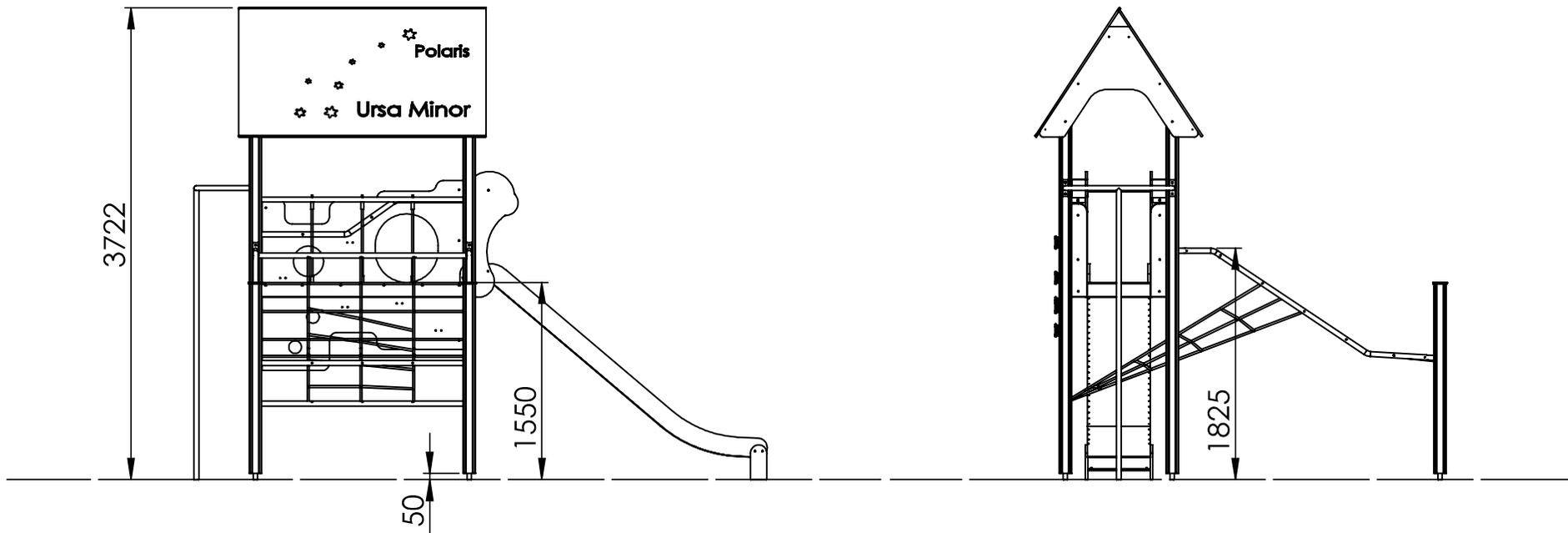
B

B

C

C

D



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.04.2021	
APPV'D				

PART NUMBER / DWG NO.:
2003

DESCRIPTION:
Play centre Ursa Minor

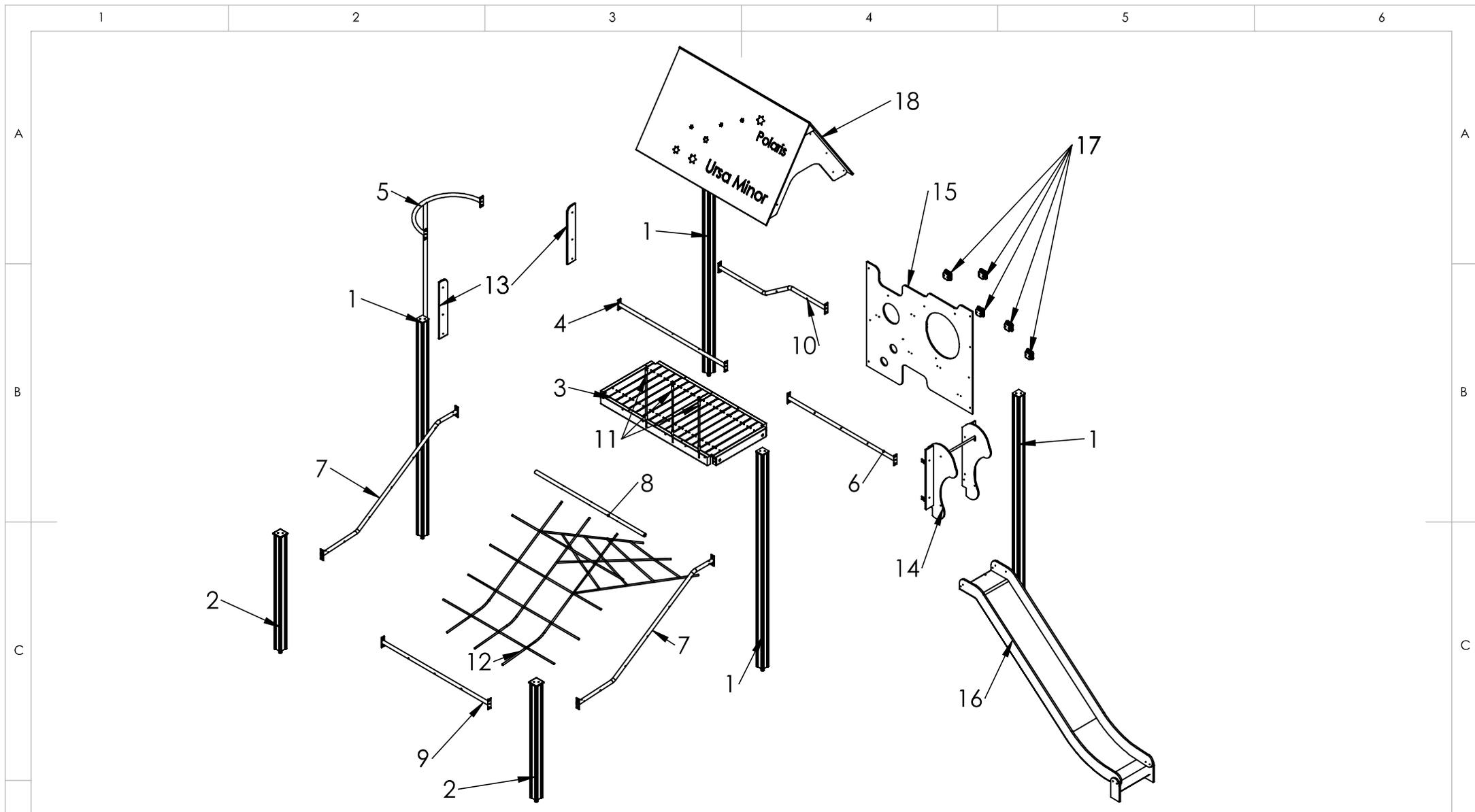
 **Tiptaptap** OÜ
Tiptaptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

MATERIAL:
wood, metal, plastic

A4

WEIGHT: SCALE: 1:50 SHEET 4 OF 24

1 2



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.04.2021	
APPV'D				

 **Tiptaptap** OÜ
 Tiptaptap OÜ
 Veetorni 9,
 Jüri alevik, Rae vald,
 75301 Harjumaa

PART NUMBER / DWG NO.: **Z003**

DESCRIPTION:
Play centre Ursa Minor

MATERIAL:	wood, metal, plastic	A4
WEIGHT:		SCALE: 1:55
		SHEET 5 OF 24

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x2800	laminated wood	4
2	post 98x98x1500	laminated wood	2
3	Big platform 1	laminated wood	1
4	Z003 tube with 3 vertical holes	painted steel	1
5	Climbing pole for 1550 platform	Painted steel	1
6	Z003 tube with 3 diagonal holes	painted steel	1
7	Z003 curved tube	painted steel	2
8	Z003 tube between curved tubes	painted steel	1
9	Z003 tube with 3 horizontal holes	painted steel	1
10	Z004 tube for panel	painted steel	1
11	Z003 small rope	PP covered steel wire	3
12	climbing net	PP covered steel wire	1
13	Z003 climbing pole side panel	HDPE plastic	2
14	slide guard block	metal, HDPE plastic	1
15	Z003 big panel	HDPE plastic	1
16	slide h_1550	stainless steel, HDPE plastic	1
17	Playgroun climbing Grip	HDPE plastic	5
18	Z003 roof	HDPE plastic	1

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

PART NUMBER / DWG NO.:

Z003

DESCRIPTION:

Play centre Ursa Minor



Tiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

Tiptap OÜ

MATERIAL: wood, metal, plastic

A4

WEIGHT:

SCALE: 1:55

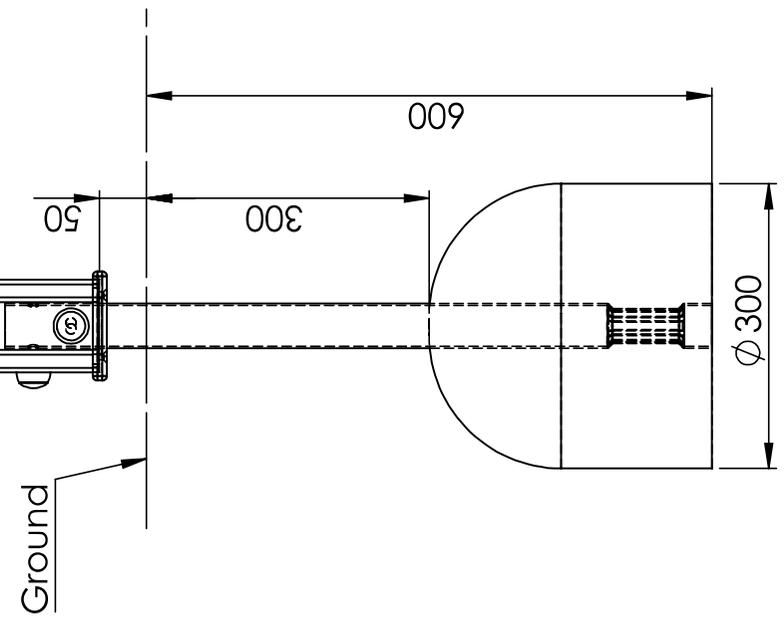
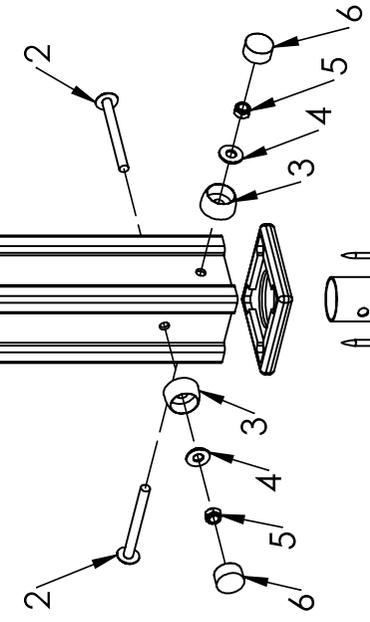
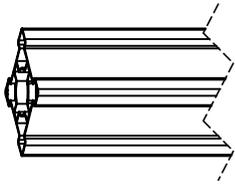
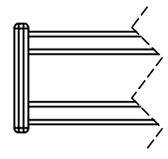
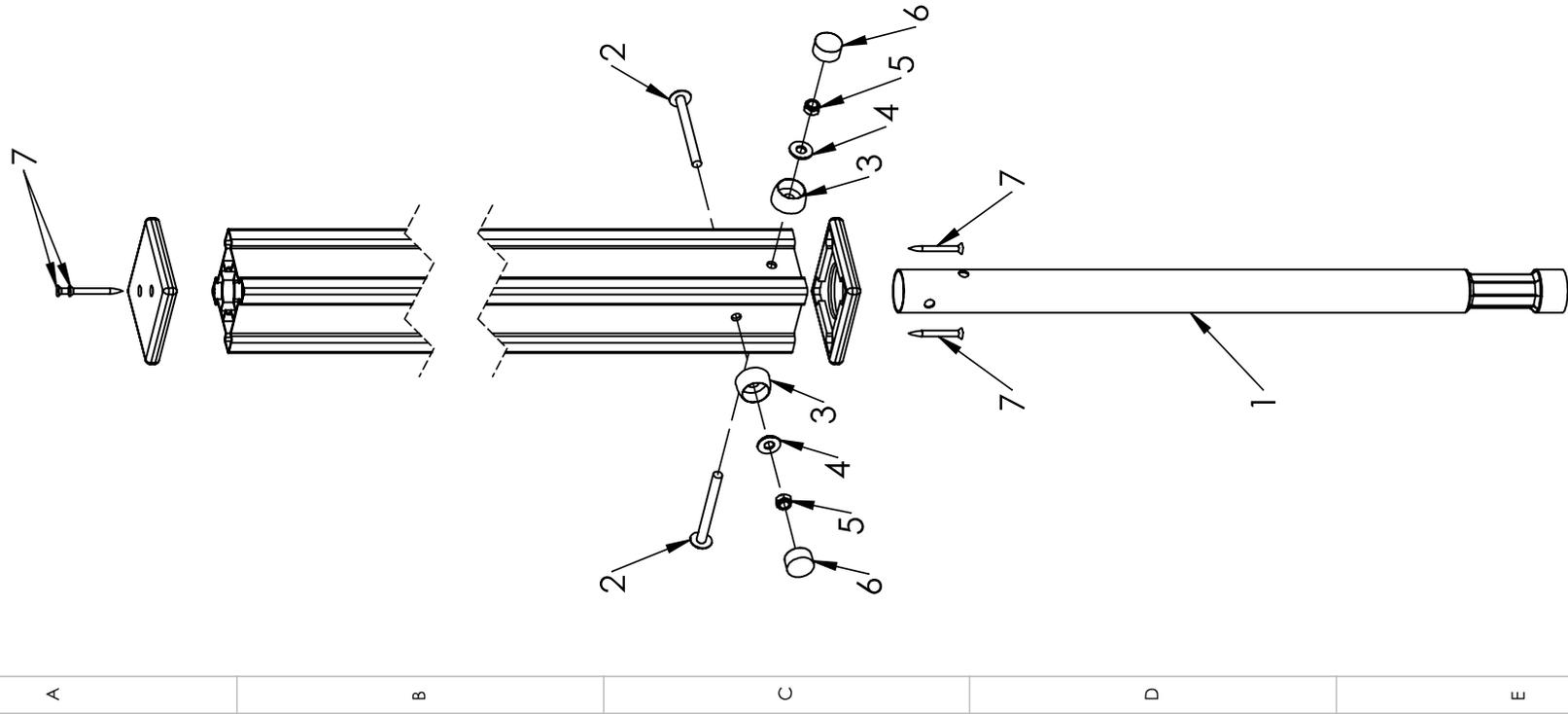
SHEET 6 OF 24

4

3

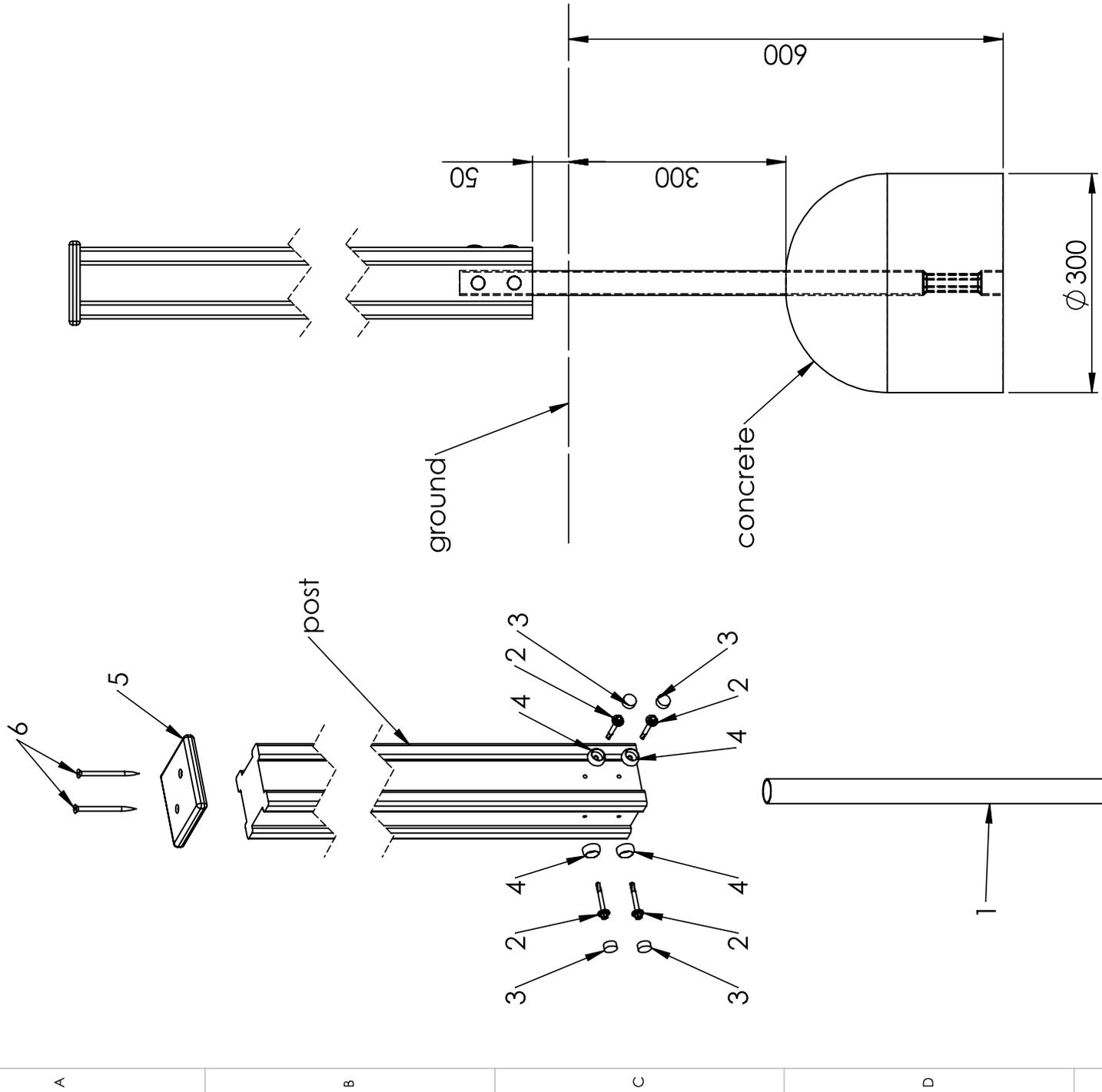
2

1



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.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN	I. Agar	19.04.2021		Play centre Ursa Minor	
APPVD				connecting metal ground fixing to aluminium post	
 Tiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			MATERIAL:		wood, metal, plastic
			WEIGHT:		A4
			SCALE:		1:8
					SHEET 7 OF 24



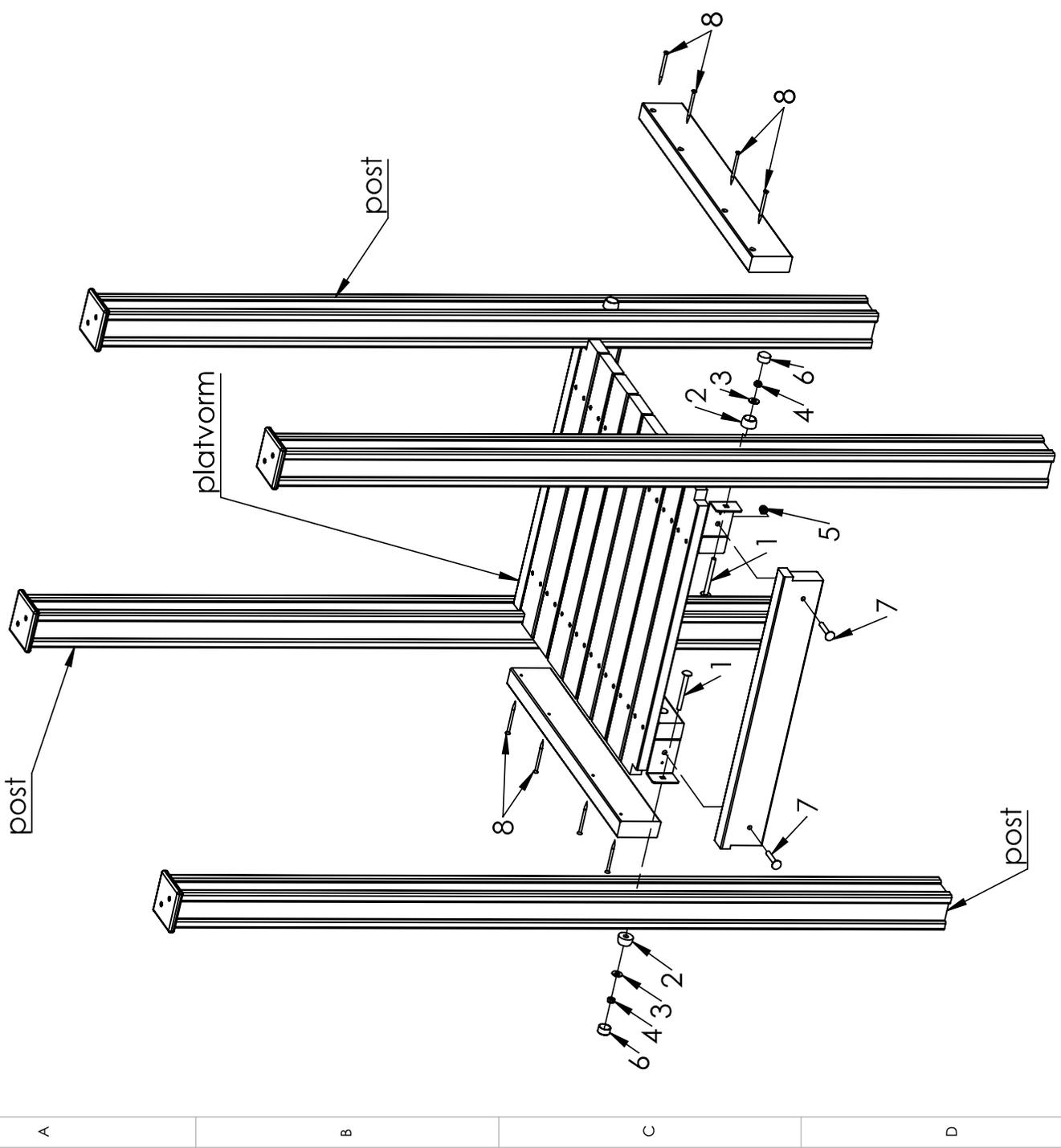
ITEM NO.	PART NUMBER
1	metal ground fixing L_750
2	screw DIN7504K 5,5x50
3	nut cover cap M6
4	nut cover M6
5	plastic cap 115x115
6	woodscrew 6 x 90

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:	
Z003		Z003	
DESCRIPTION:		DESCRIPTION:	
connecting metal ground fixing to post		Play centre Ursa Minor	
MATERIAL:		MATERIAL:	
wood, metal, plastic		wood, metal, plastic	
WEIGHT:		WEIGHT:	
SCALE: 1:8		SCALE: 1:8	
SHEET 8 OF 24		SHEET 8 OF 24	

Tiptiptap OÜ
 Veetorni 9,
 Jüri alevik, Rae vald,
 75301 Harjumaa

NAME	SIGNATURE	DATE	REVISION
I. Agar		19.04.2021	
APPVD			

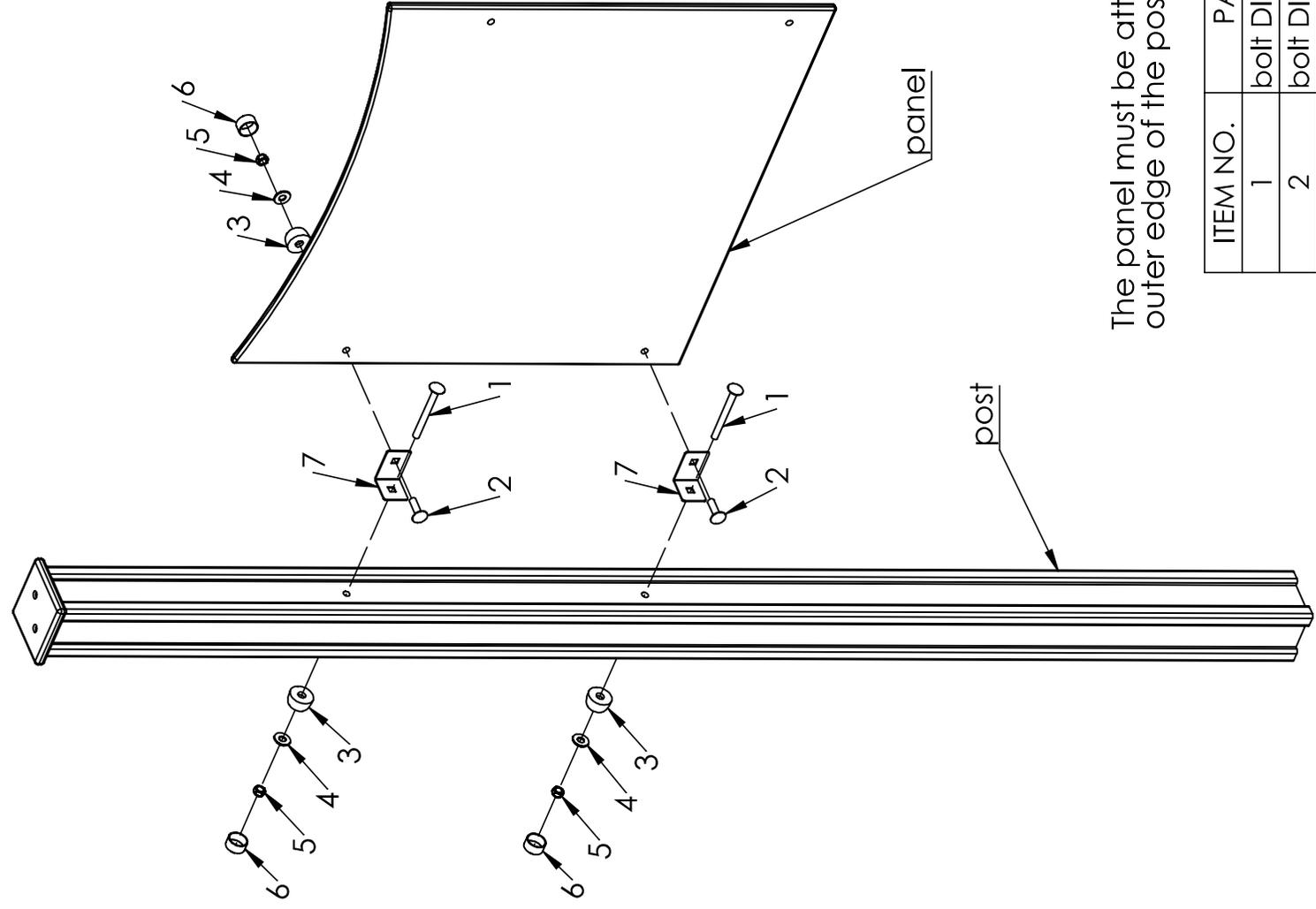
1 2 3 4



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	nut cover M12
3	Washer M10 DIN9054
4	nut DIN985 M10
5	domed cap nut DIN986 M10
6	nut cover cap M12
7	bolt DIN603 M10x60
8	WoodscREW 6 x 90

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:	
		Z003	
NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar	19.04.2021	
APPVD			
 Tiptap OÜ Tiptiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa		DESCRIPTION: Play centre Ursa Minor connecting platform to post MATERIAL: wood, metal, plastic WEIGHT: SCALE: 1:15	
		SHEET 9 OF 24	

1 2 3 4

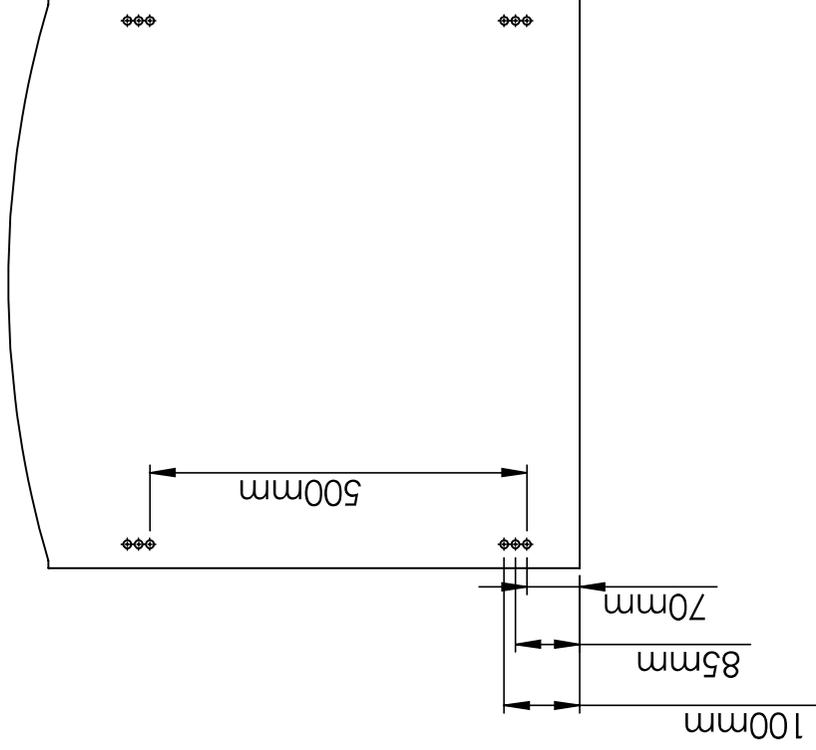


The panel must be attached to the outer edge of the post !!!

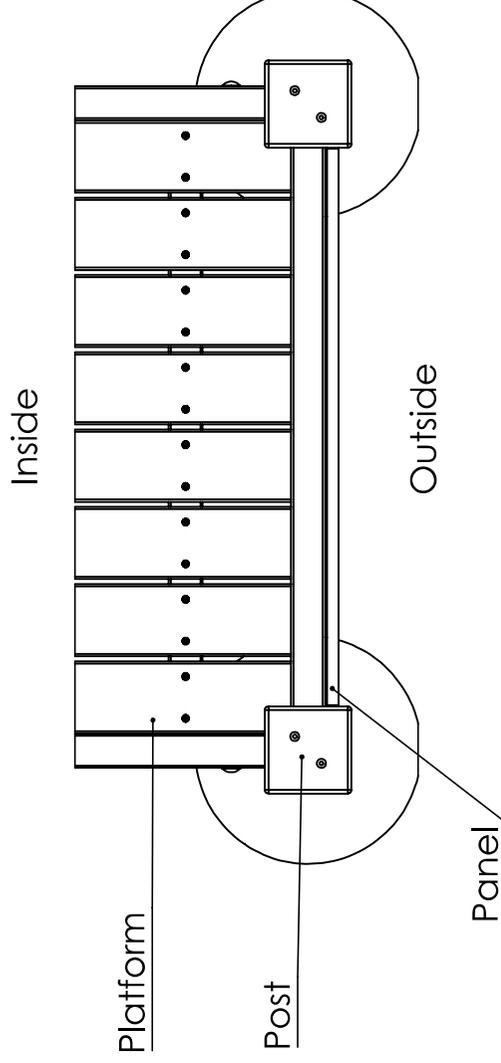
ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	bolt DIN603 M10x35
3	nut cover M12
4	Washer M10 DIN9054
5	nut DIN985 M10
6	nut cover cap M12
7	Corner 90° (45x60)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN	I.Agar	19.04.2021		Play centre Ursa Minor	
APPVD				connecting panel to post	
 Tiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			MATERIAL:		wood, metal, plastic
			WEIGHT:		A4
			SCALE:		1:10
					SHEET 10 OF 24

Explanation of the `lower hole` behind the panel name:



The panel must be installed on the post as shown in the picture!



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

PART NUMBER / DWG NO.:

Z003

DRAWN NAME I. Agar SIGNATURE DATE 19.04.2021 REVISION

DESCRIPTION:

Play centre Ursa Minor
connecting panel to post

Tiptiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

MATERIAL:
wood, metal, plastic

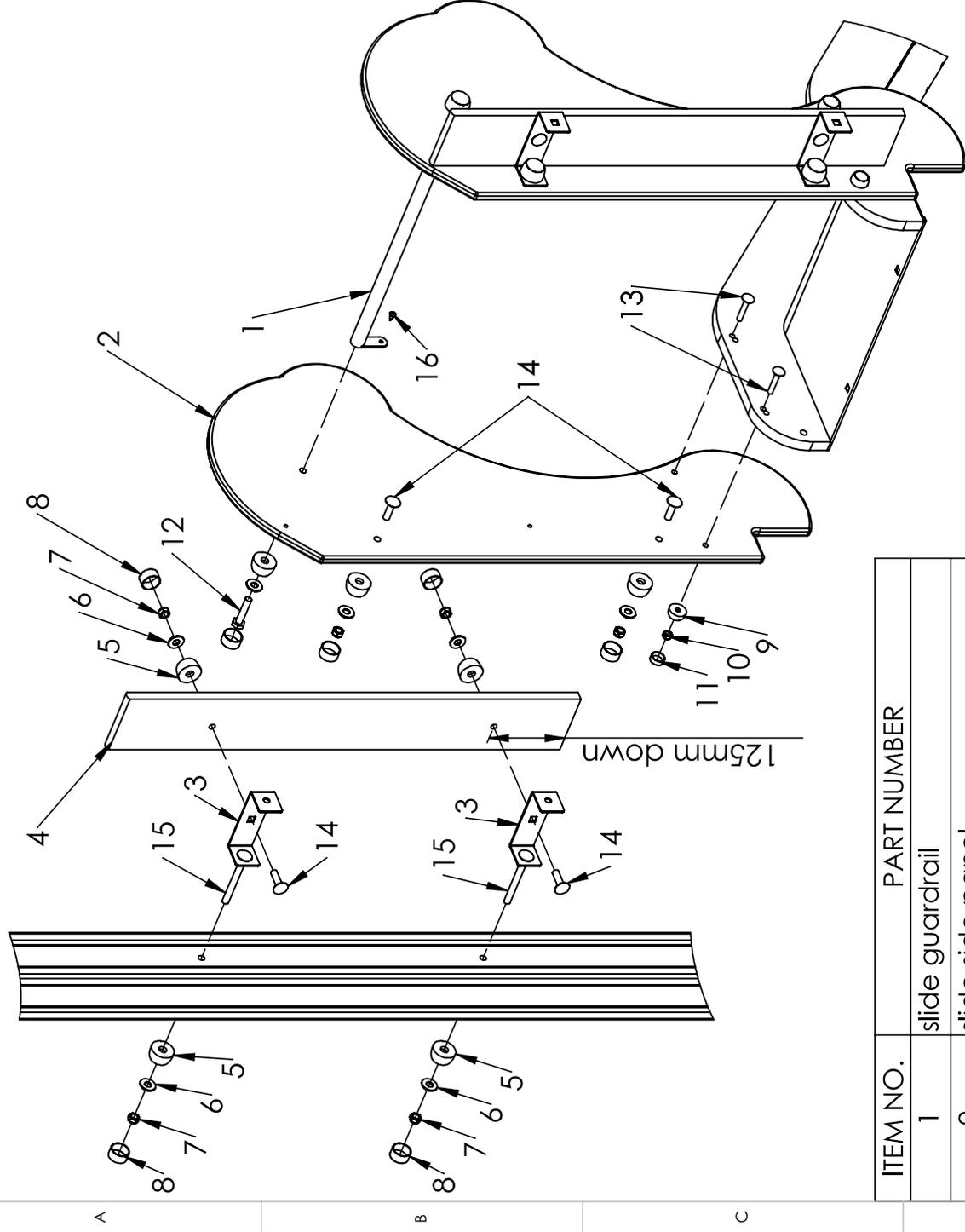
A4

WEIGHT:

SCALE: 1:10

SHEET 11 OF 24





ITEM NO.	PART NUMBER
1	slide guardrail
2	slide side panel
3	side side panel fixing (45x123x45)
4	side panel 111x770mm
5	nut cover M12
6	Washer M10 DIN9054
7	nut DIN985 M10
8	nut cover cap M12
9	nut cover M8
10	nut DIN985 M8
11	nut cover cap M8
12	bolt DIN931 M10x50
13	bolt DIN603 M8x45
14	bolt DIN603 M10x35
15	bolt DIN603 M10x100
16	wood screw 4,8x13

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

PART NUMBER / DWG NO.:

Z003

NAME	SIGNATURE	DATE	REVISION
DRAWN I. Agar		19.04.2021	
APPVD			

DESCRIPTION:
Play centre Ursa Minor
Connecting slide guard block to post

Tiptiptap OÜ
Tiptiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

MATERIAL:
wood, metal, plastic

A4

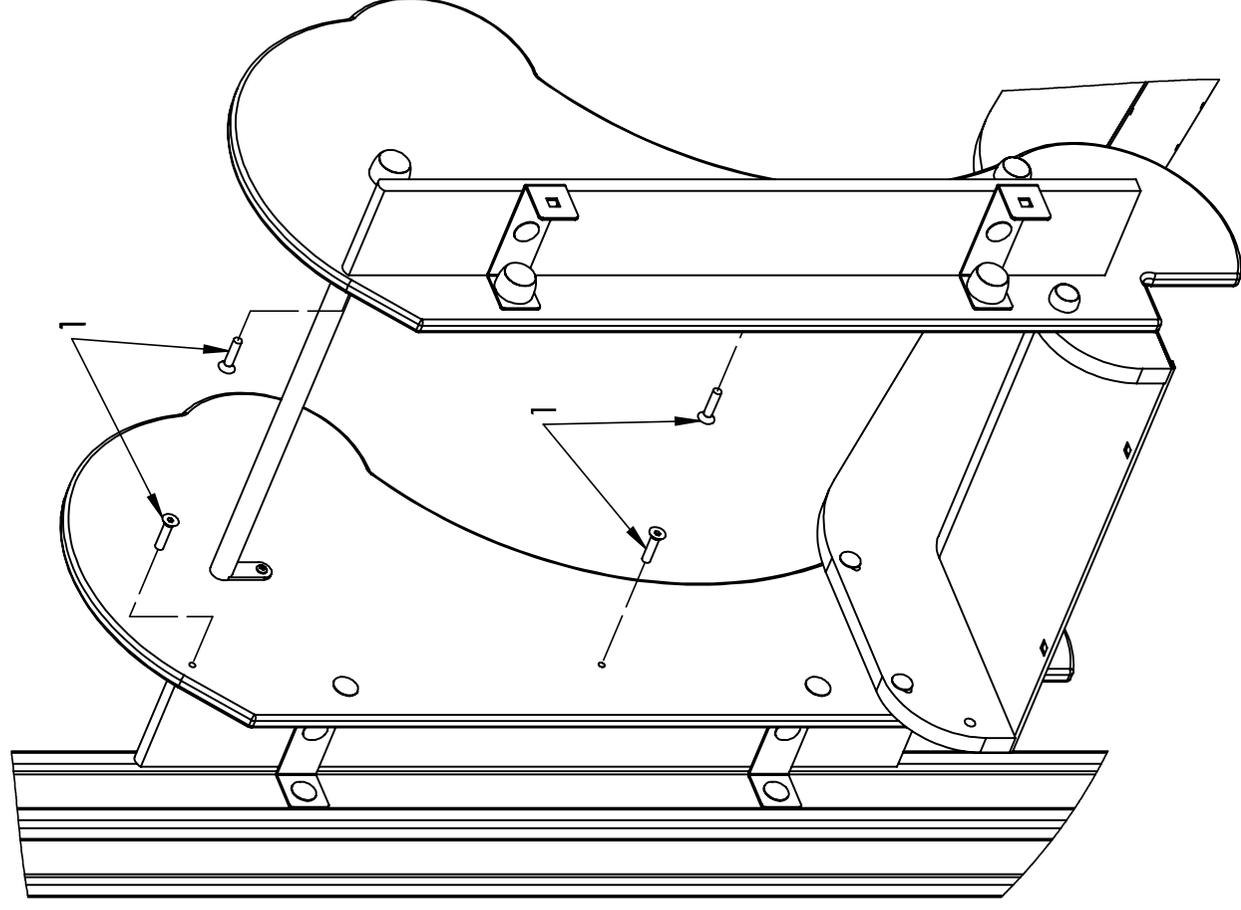
WEIGHT:

SCALE: 1:10

SHEET 12 OF 24

1 2 3 4

A B C D E



ITEM NO.	PART NUMBER
1	M6x35 DIN7991

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

NAME	SIGNATURE	DATE	REVISION
I. Agar		19.04.2021	
APPVD			



Tiptap OÜ

Jüri alevik, Rae vald,
 75301 Harjumaa

PART NUMBER / DWG NO.:
Z003

DESCRIPTION:

Play centre Ursa Minor
 Connecting slide quard block to post

MATERIAL:

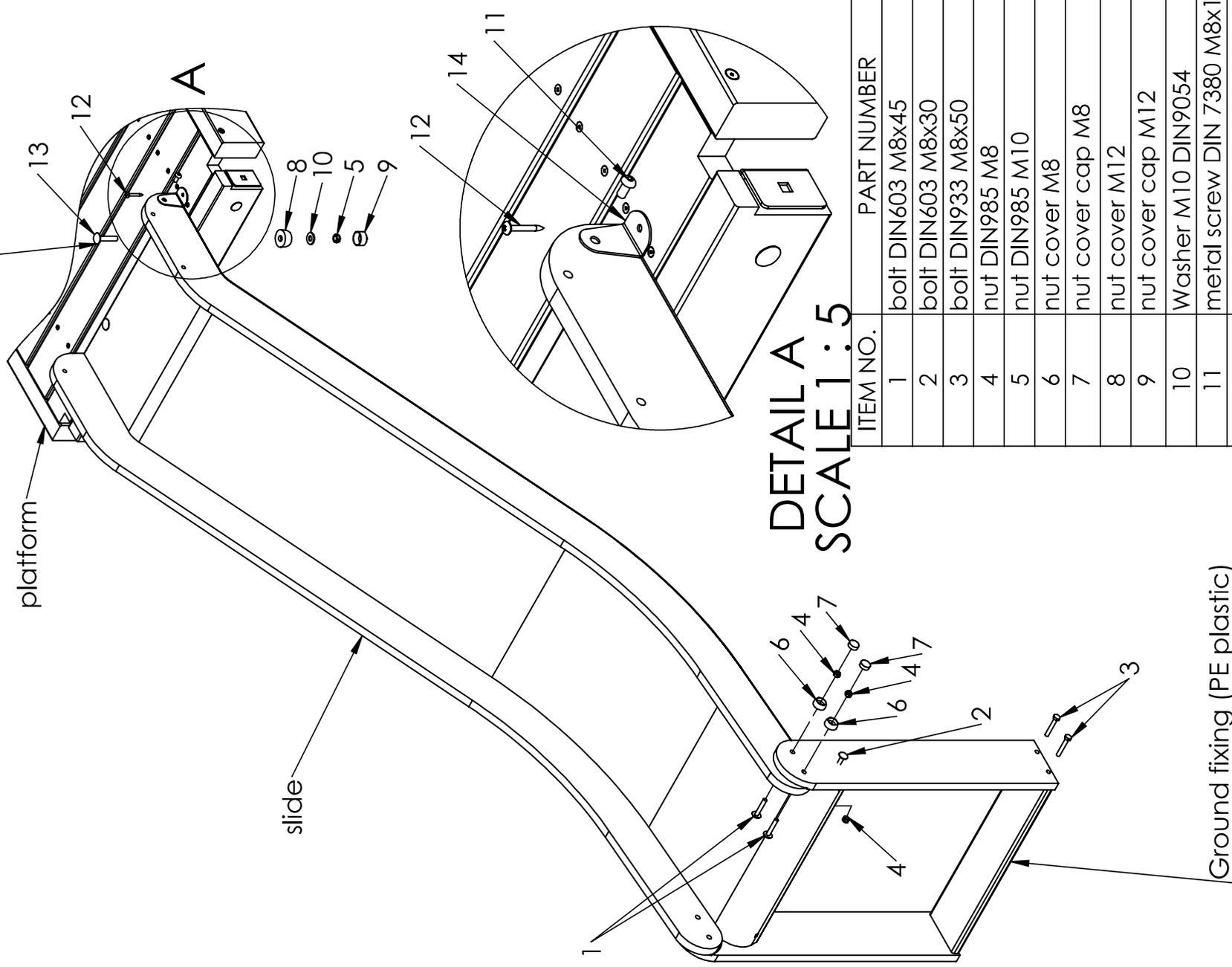
wood, metal, plastic

WEIGHT:

SCALE: 1:7

SHEET 13 OF 24

In the case of a plastic slide, this bolt is M10x60 DIN603



DETAIL A
SCALE 1:5

ITEM NO.	PART NUMBER
1	bolt DIN603 M8x45
2	bolt DIN603 M8x30
3	bolt DIN933 M8x50
4	nut DIN985 M8
5	nut DIN985 M10
6	nut cover M8
7	nut cover cap M8
8	nut cover M12
9	nut cover cap M12
10	Washer M10 DIN9054
11	metal screw DIN 7380 M8x16
12	screw 5x40
13	bolt DIN603 M10x50
14	corner 58x30

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

NAME	SIGNATURE	DATE	REVISION
DRAWN I. Agar		19.04.2021	
APPVD			

PART NUMBER / DWG NO.: **Z003**

DESCRIPTION:
**Play centre Ursa Minor
connecting slide to platform**

MATERIAL:
wood, metal, plastic

WEIGHT:
SCALE: 1:12

Tiptaptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

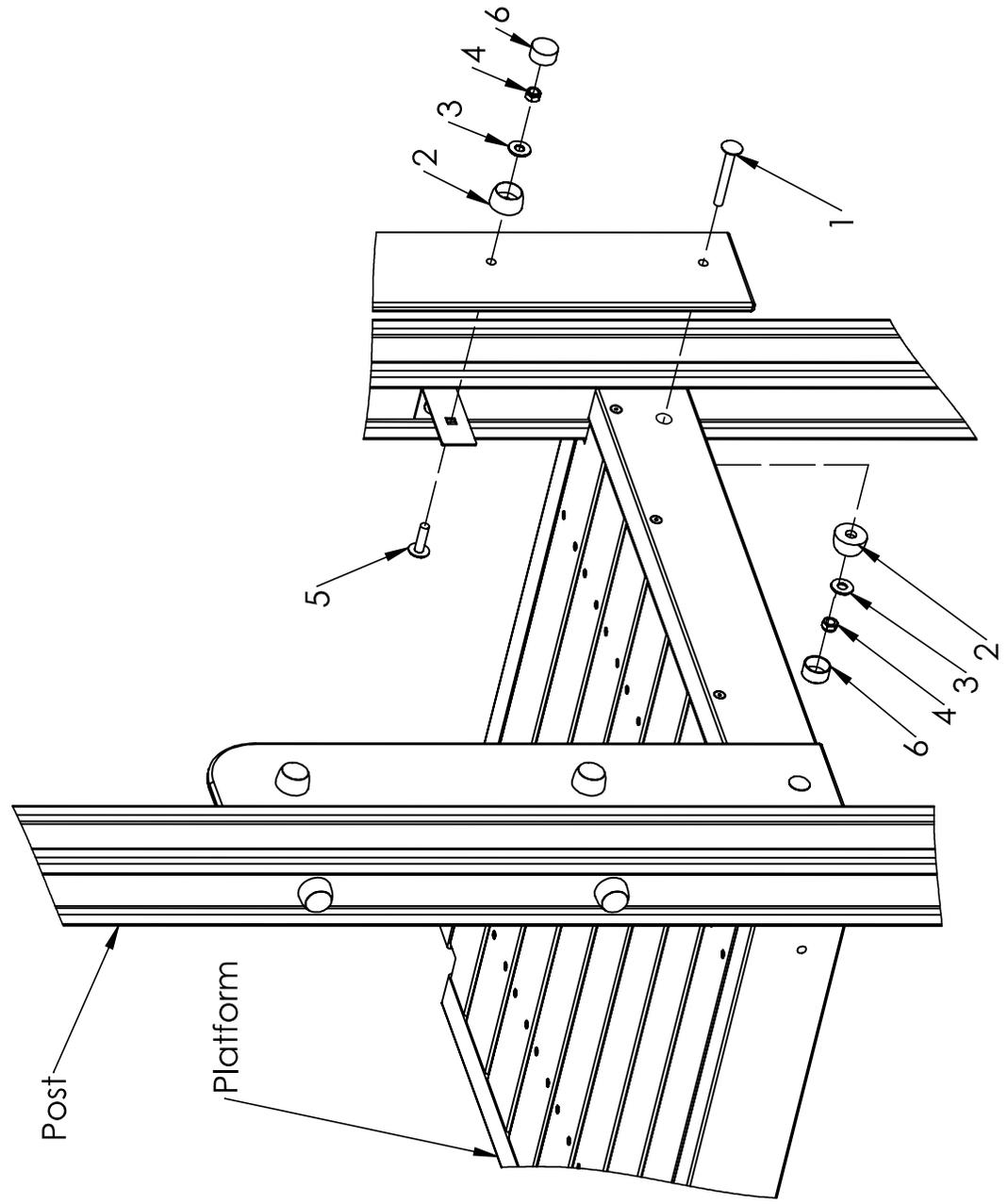
TIP TAP

A4

SHEET 14 OF 24

1 2 3 4

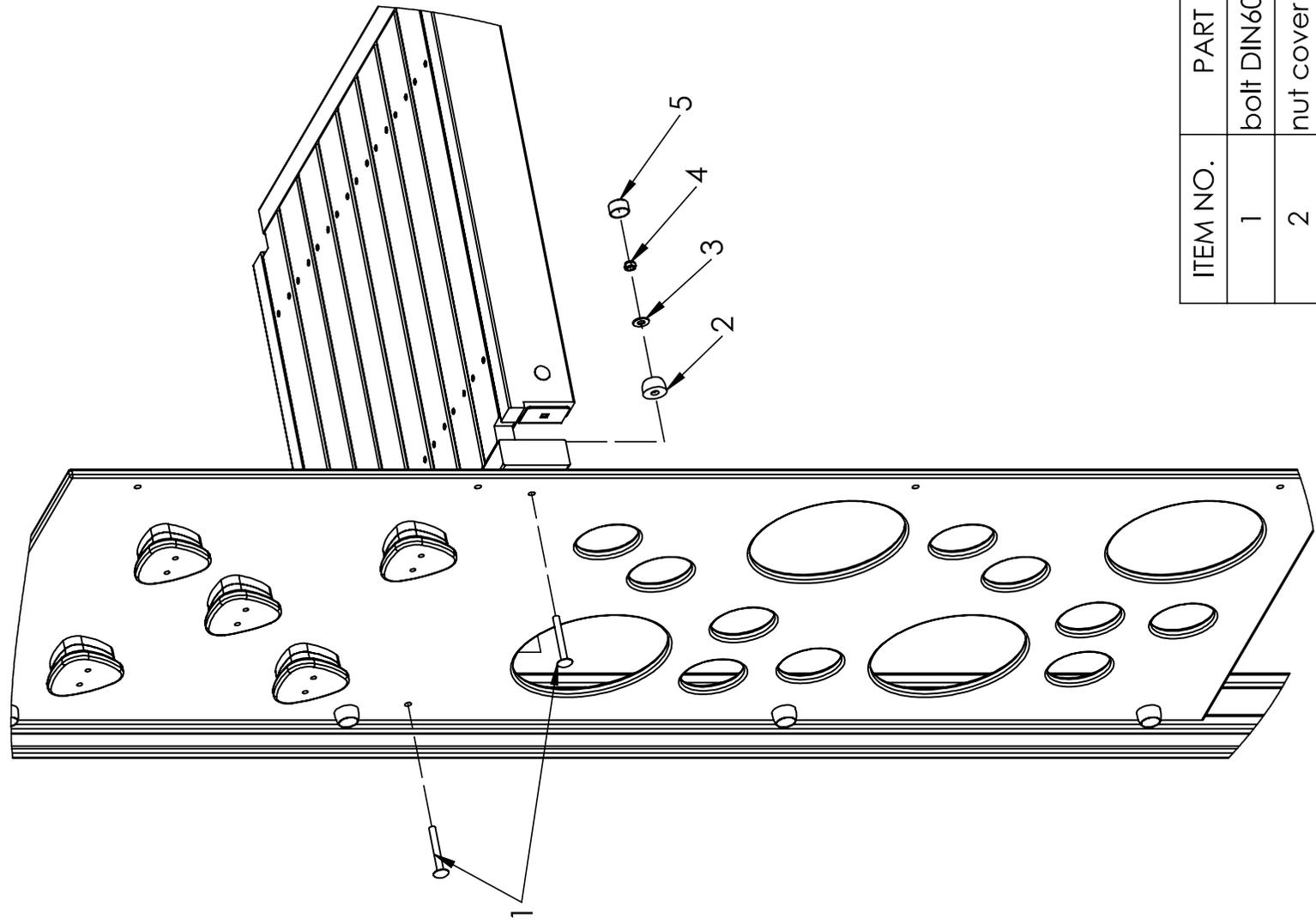
A B C D E F



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x80
2	nut cover M12
3	Washer M10 DIN9054
4	nut DIN985 M10
5	bolt DIN603 M10x35
6	nut cover cap M12

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN I. Agar		19.04.2021		Play centre Ursa Minor	
APPVD				Connecting climbing pole side panel to post	
 Tiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			MATERIAL:		A4
			WEIGHT:		SCALE: 1:8
					SHEET 15 OF 24

1 2 3 4



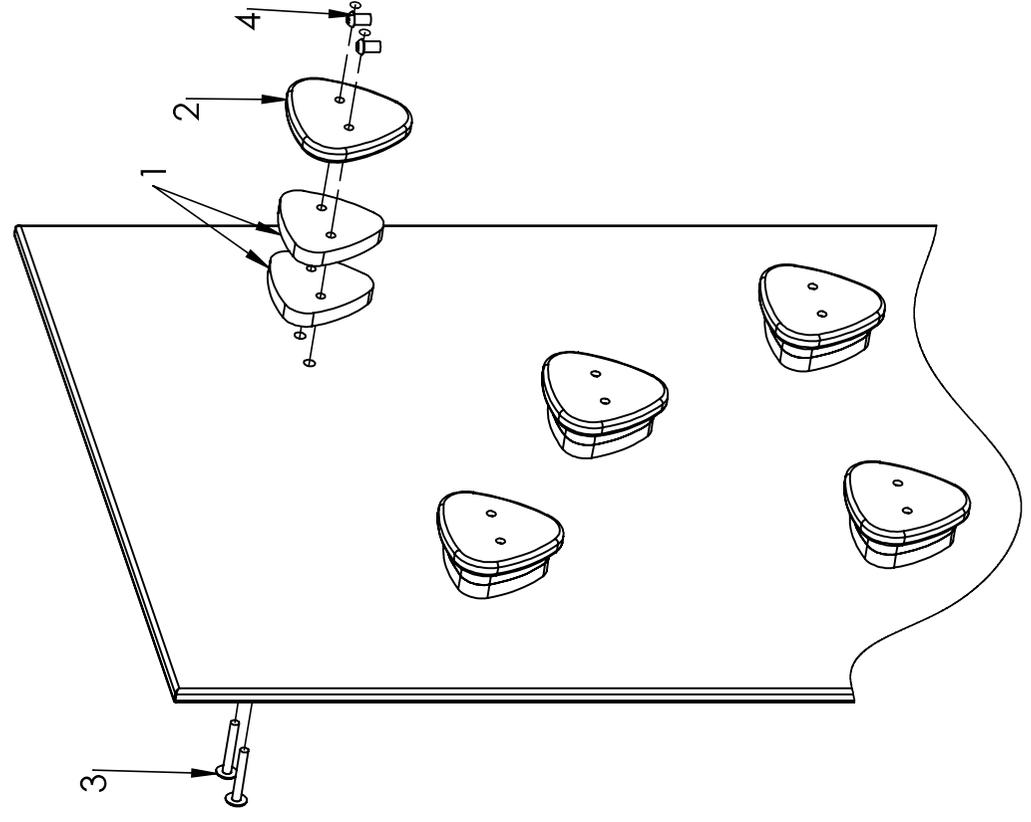
A B C D E

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

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN	I.Agar	19.04.2021		Play centre Ursa Minor	
APPVD				MATERIAL:	wood, metal, plastic
 Tiptap OÜ Tiptiptap OÜ Vee torni 9, Jüri alevik, Rae vald, 75301 Harjumaa			WEIGHT:	SCALE: 1:10	A4
SHEET 16 OF 24					

1 2 3 4

A B C D E F



ITEM NO.	PART NUMBER
1	climbing grip base
2	climbing grip
3	bolt DIN603 M8x55
4	M8 safety nut

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.: Z003	
NAME	SIGNATURE	DATE	REVISION
DRAWN I. Agor			
APP'VD			
 Tiptap OÜ Tiiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa		DESCRIPTION: Play centre Ursa Minor Assembling climbing grip to wall MATERIAL: wood, metal, plastic WEIGHT: SCALE: 1:7	
		A4	
		SHEET 17 OF 24	

1 2 3 4

A

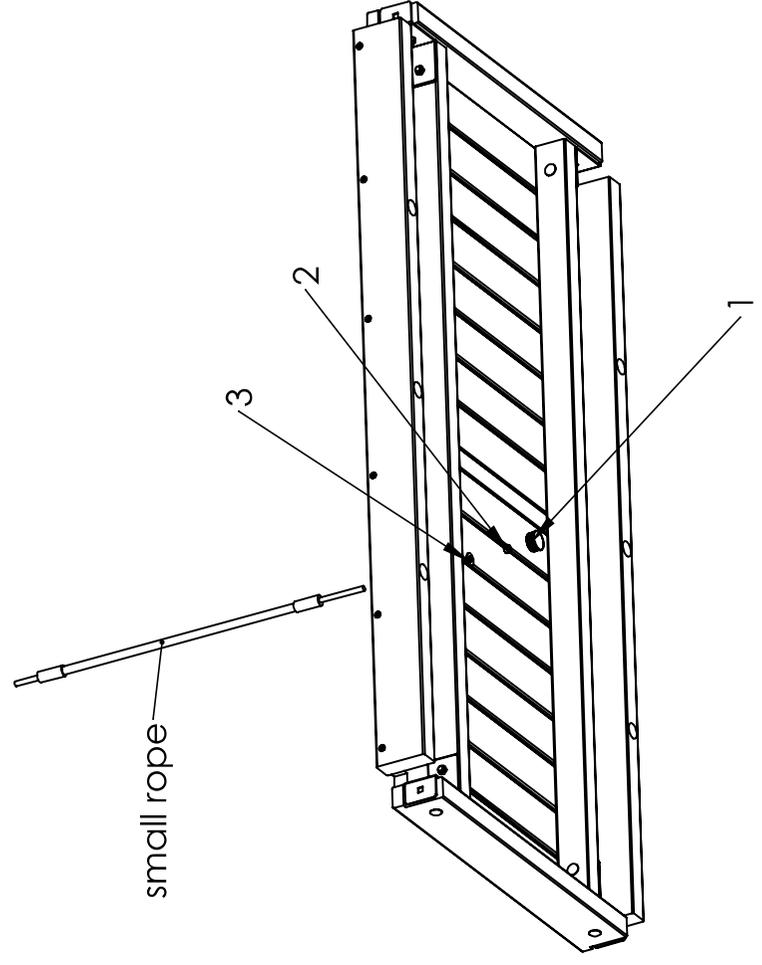
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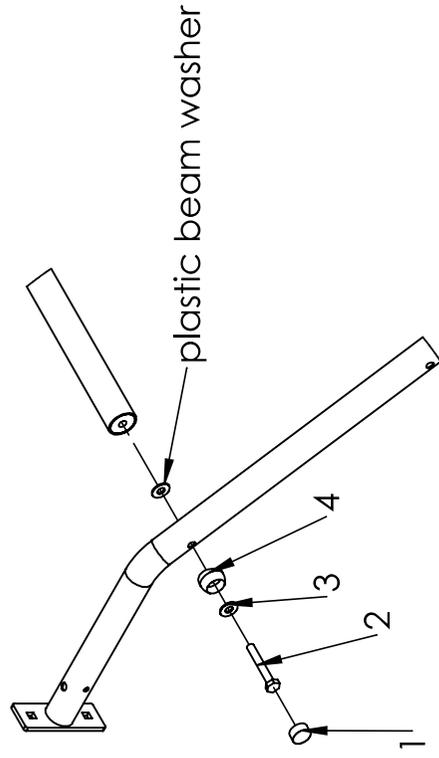
F



ITEM NO.	PART NUMBER
1	plastic cap
2	nut DIN985 M10
3	Washer M10 DIN9054

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
DRAWN	NAME	SIGNATURE	DATE	REVISION	
APPVD	I. Agar		19.04.2021		
 Tiptap OÜ Tiiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			DESCRIPTION:		Play centre Ursa Major
			MATERIAL:		wood, metal, plastic
			WEIGHT:		A4
			SCALE:		1:1.5
					SHEET 18 OF 24

A B C D E

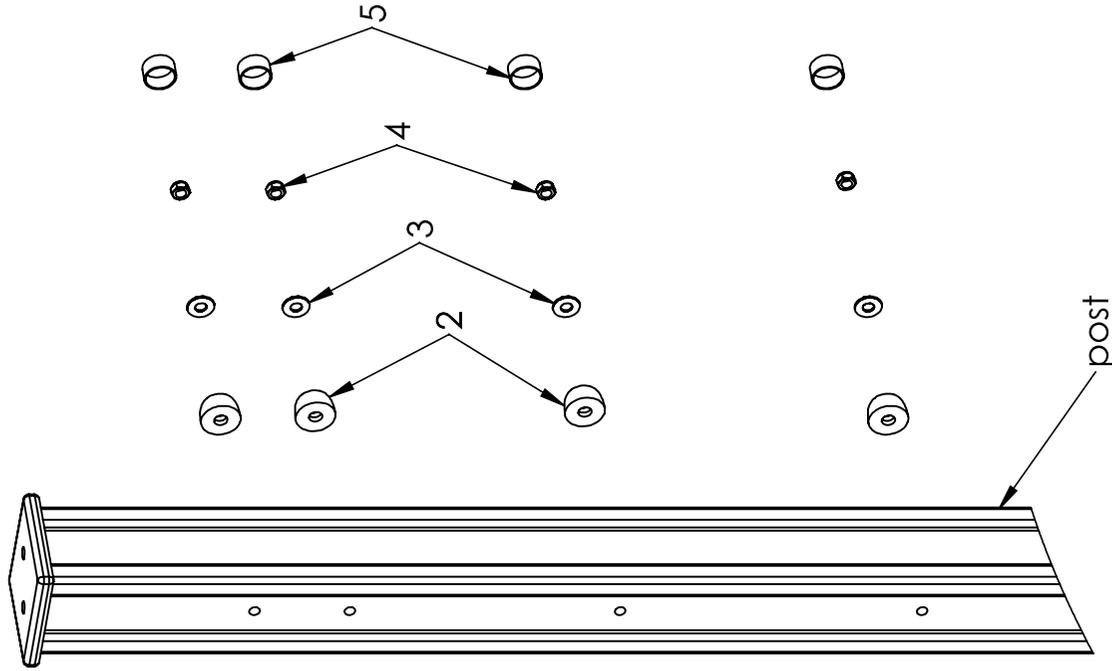
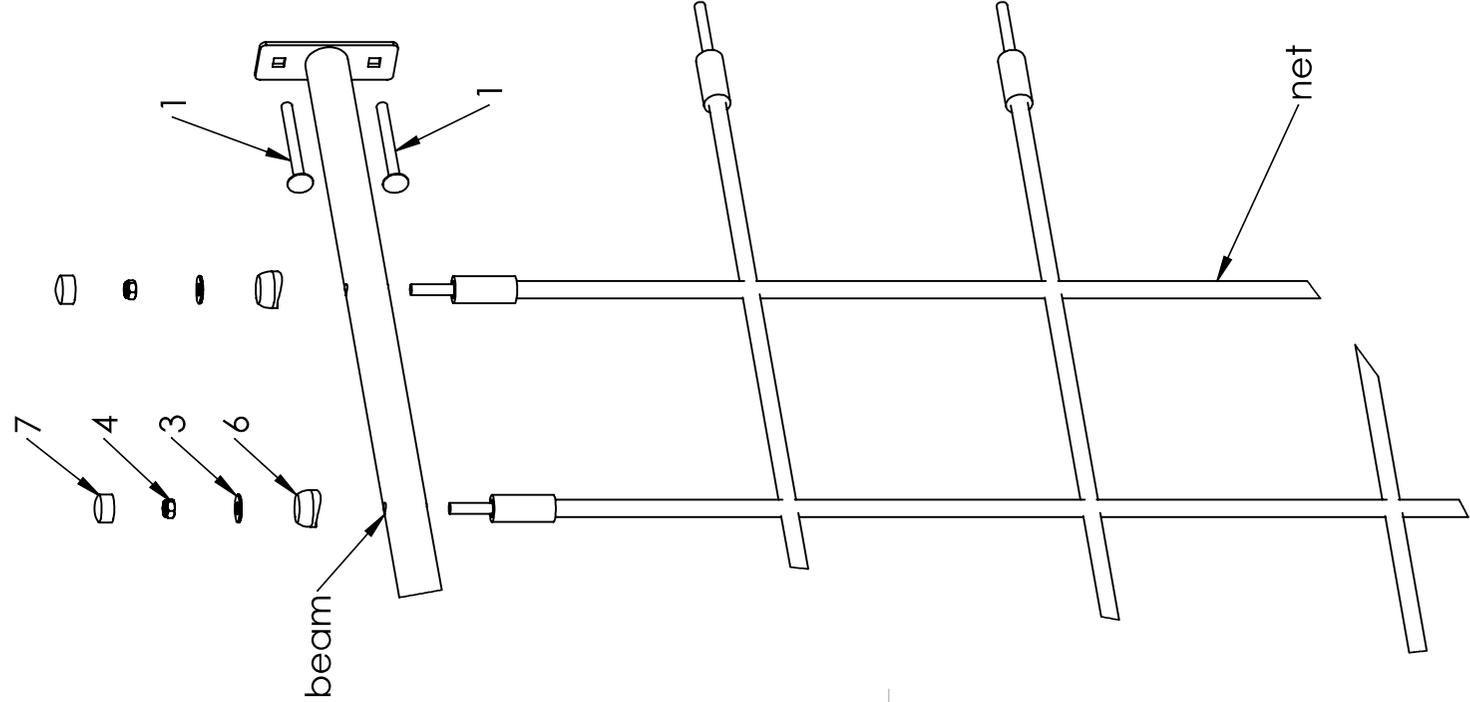


ITEM NO.	PART NUMBER
1	nut cover cap M10
2	bolt DIN931 M10x70
3	Washer M10 DIN9054
4	nut cover for beam M10

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN I. Agar		19.04.2021		Play centre Ursa Major	
APPVD				MATERIAL:	
 Tiptap OÜ Tiiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			wood, metal, plastic		A4
			WEIGHT:		SCALE: 1:10
					SHEET 19 OF 24

1 2 3 4

A B C D E



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	nut cover for beam M10
7	nut cover cap M10

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:	
Tiptiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa		Z003	
NAME	SIGNATURE	DATE	REVISION
DRAWN L.Agor			
APP'VD			
DESCRIPTION:		Play centre Ursa Minor	
MATERIAL:		Connecting beam and climbing net to post	
WEIGHT:		wood, metal, plastic	
SCALE: 1:7		A4	
SHEET 20 OF 24			

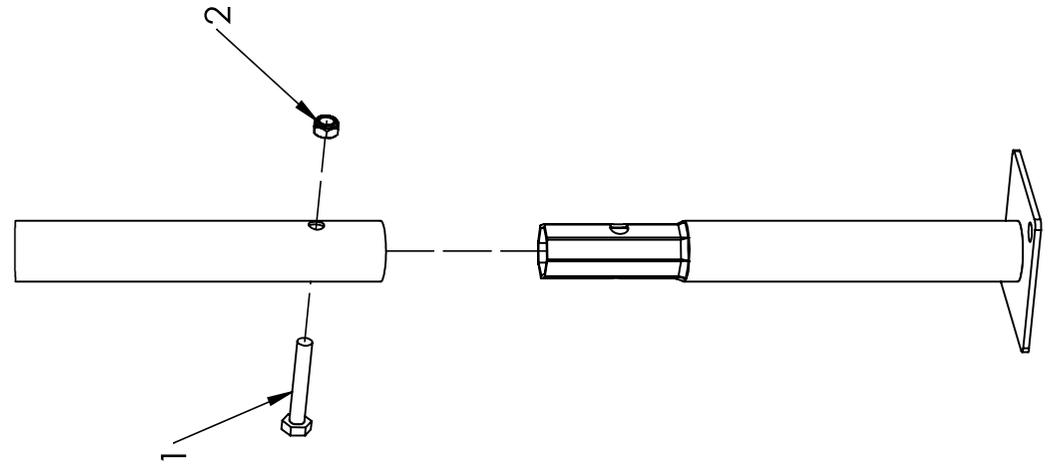


1 2 3 4

A B C D E



DETAIL A
SCALE 1 : 5



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

DRAWN	NAME	SIGNATURE	DATE	REVISION
APPVD	I. Agar		19.04.2021	

Tiptaptap OÜ
 Tiptaptap OÜ
 Veetorni 9,
 Jüri alevik, Rae vald,
 75301 Harjumaa



ITEM NO.	PART NUMBER
1	bolt DIN931 M10x60
2	nut DIN985 M10

PART NUMBER / DWG NO.: **Z003**

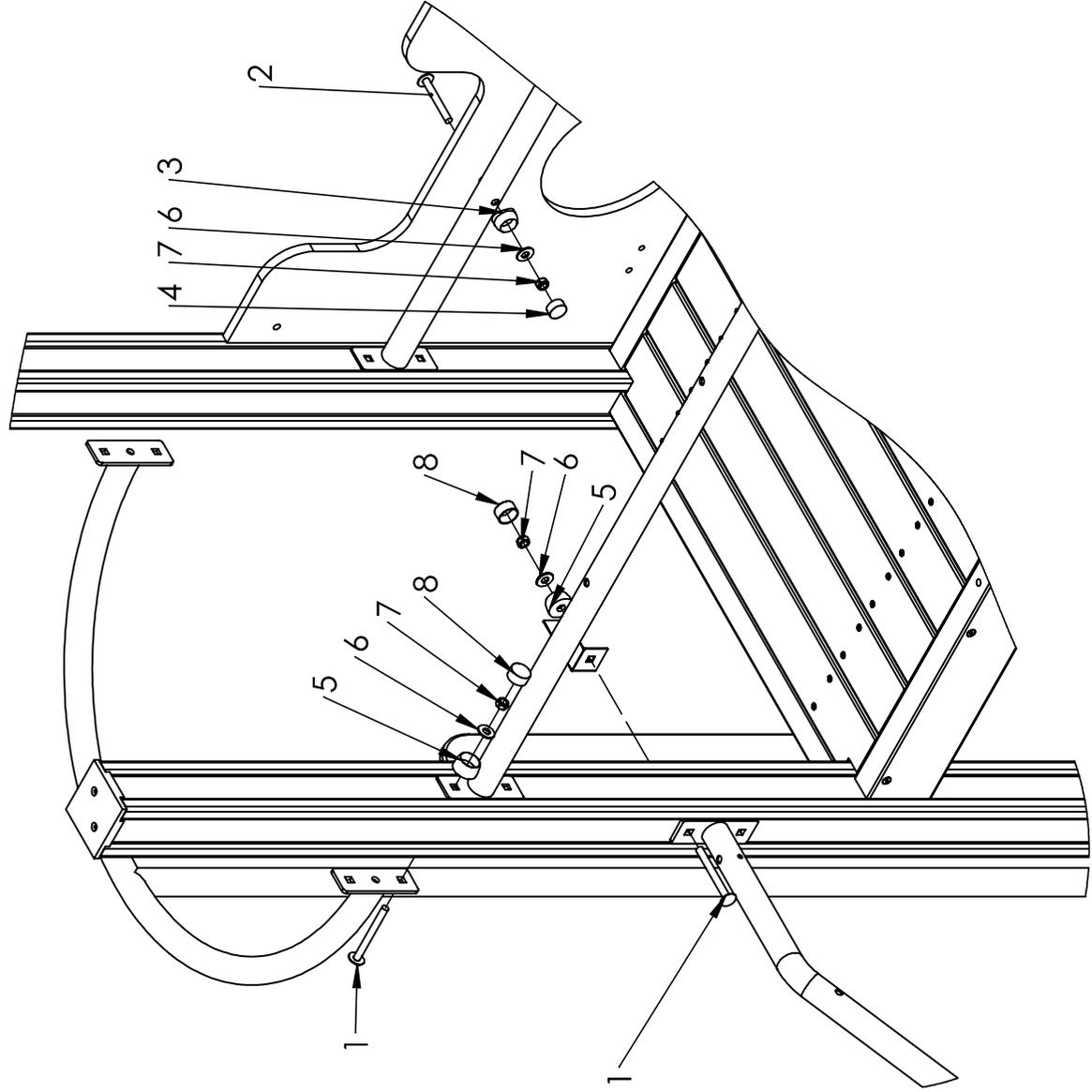
DESCRIPTION:
**Play centre Ursa Minor
Assembling climbing pole**

MATERIAL:
wood, metal, plastic

WEIGHT:
SCALE: 1:20

1 2 3 4

A B C D E F



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	bolt DIN603 M10x80
3	nut cover for beam M10
4	nut cover cap M10
5	nut cover M12
6	Washer M10 DIN9054
7	nut DIN985 M10
8	nut cover cap M12

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:	
Z003		Z003	
DESCRIPTION:		Play centre Ursa Minor	
MATERIAL:		wood, metal, plastic	
WEIGHT:		SCALE: 1:10	
Tiptiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa		SHEET 22 OF 24	



Tiptiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar	19.04.2021	
APPVD			

1 2 3 4

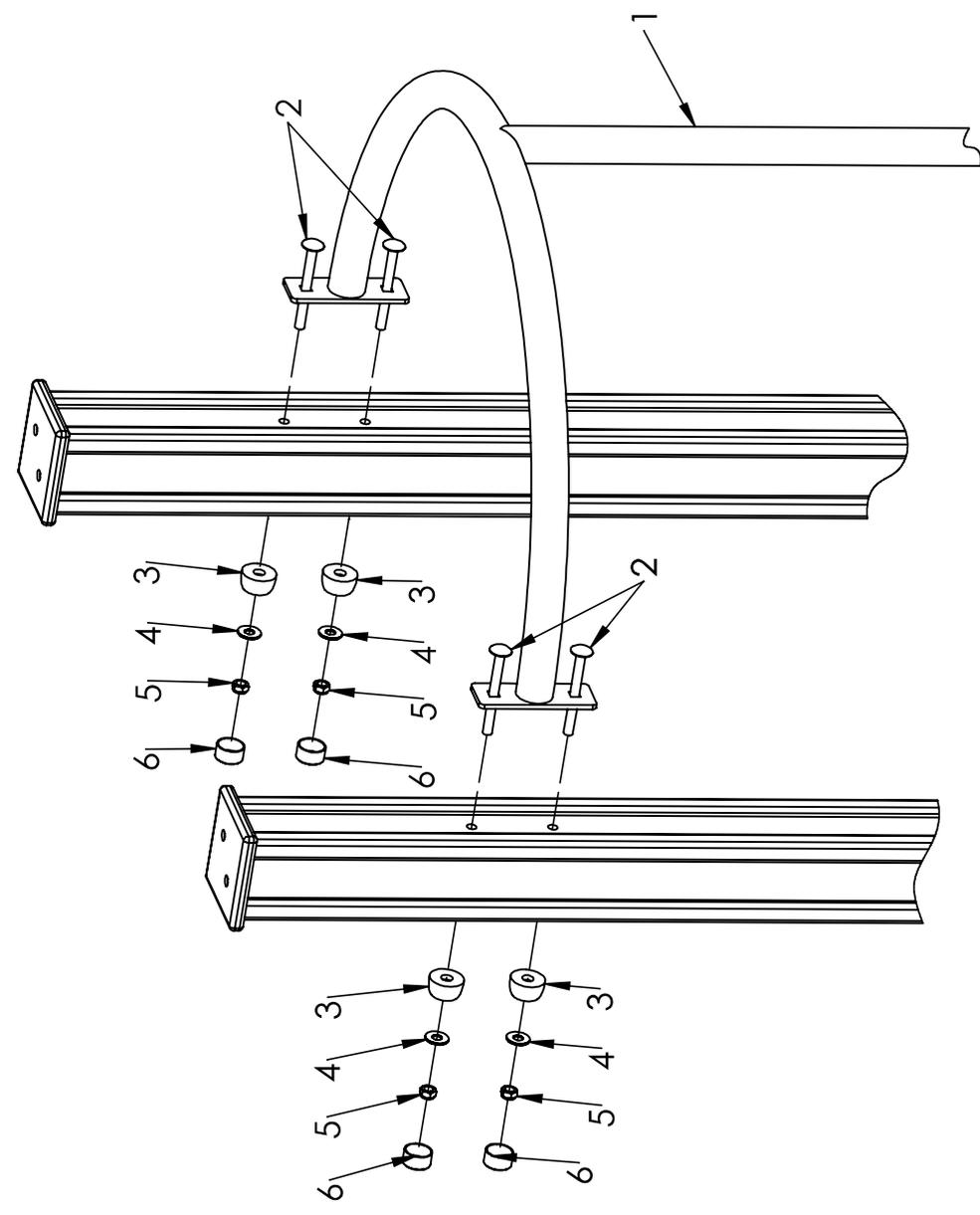
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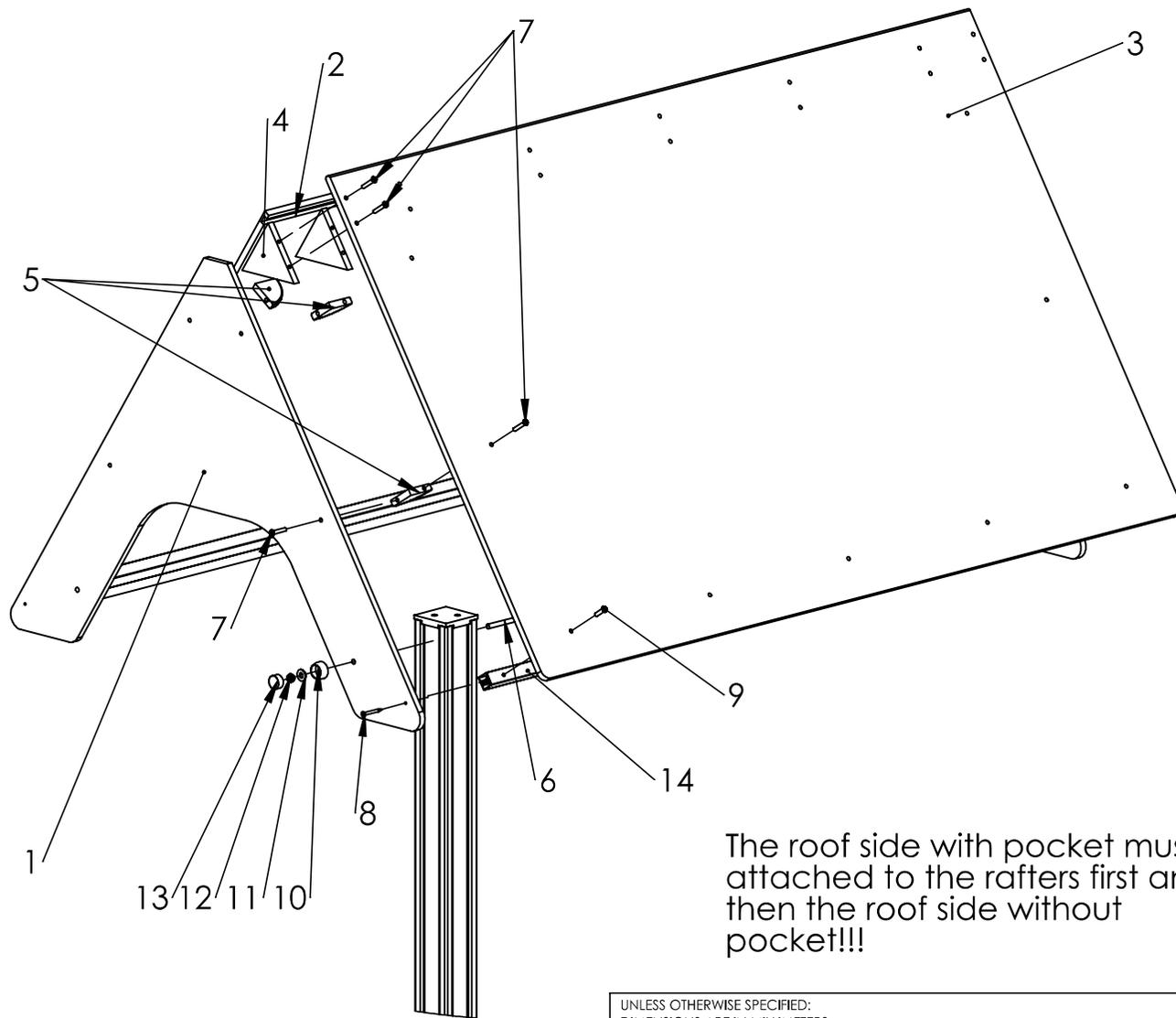
D

E



ITEM NO.	PART NUMBER
1	climbing pole
2	bolt DIN603 M10x100
3	nut cover M12
4	Washer M10 DIN9054
5	nut DIN985 M10
6	nut cover cap M12

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:		Z003	
NAME	SIGNATURE	DATE	REVISION	DESCRIPTION:	
DRAWN	L.Agor			Play centre Ursa Minor	
APP'VD				connecting climbing pole to post	
 Tiptap OÜ Tiptiptap OÜ Veetorni 9, Jüri alevik, Rae vald, 75301 Harjumaa			MATERIAL:		A4
			WEIGHT:		SCALE: 1:8
					SHEET 23 OF 24



The roof side with pocket must be attached to the rafters first and then the roof side without pocket!!!

ITEM NO.	PART NUMBER
1	Rafter
2	Roof without letter
3	Roof with letter
4	Zodiac roof corner 67
5	plastic corner 90°
6	bolt DIN603 M10x120
7	Art. 9121 TX-PIN M8x40
8	woodscrew 6x60
9	Art. 9121 TX-PIN M8x30
10	nut cover M12
11	Washer M10 DIN9054
12	nut DIN985 M10
13	nut cover cap M12
14	Aluminium 30x30

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.04.2021	
APPV'D				


Tiptaptap OÜ
 Tiptaptap OÜ
 Veetorni 9,
 Jüri alevik, Rae vald,
 75301 Harjumaa

PART NUMBER / DWG NO.: **Z003**

DESCRIPTION:
**Play centre Ursa Minor
Zodiac roof assembly**

MATERIAL: wood, metal, plastic A4

WEIGHT: SCALE: 1:15 SHEET 24 OF 24