

A

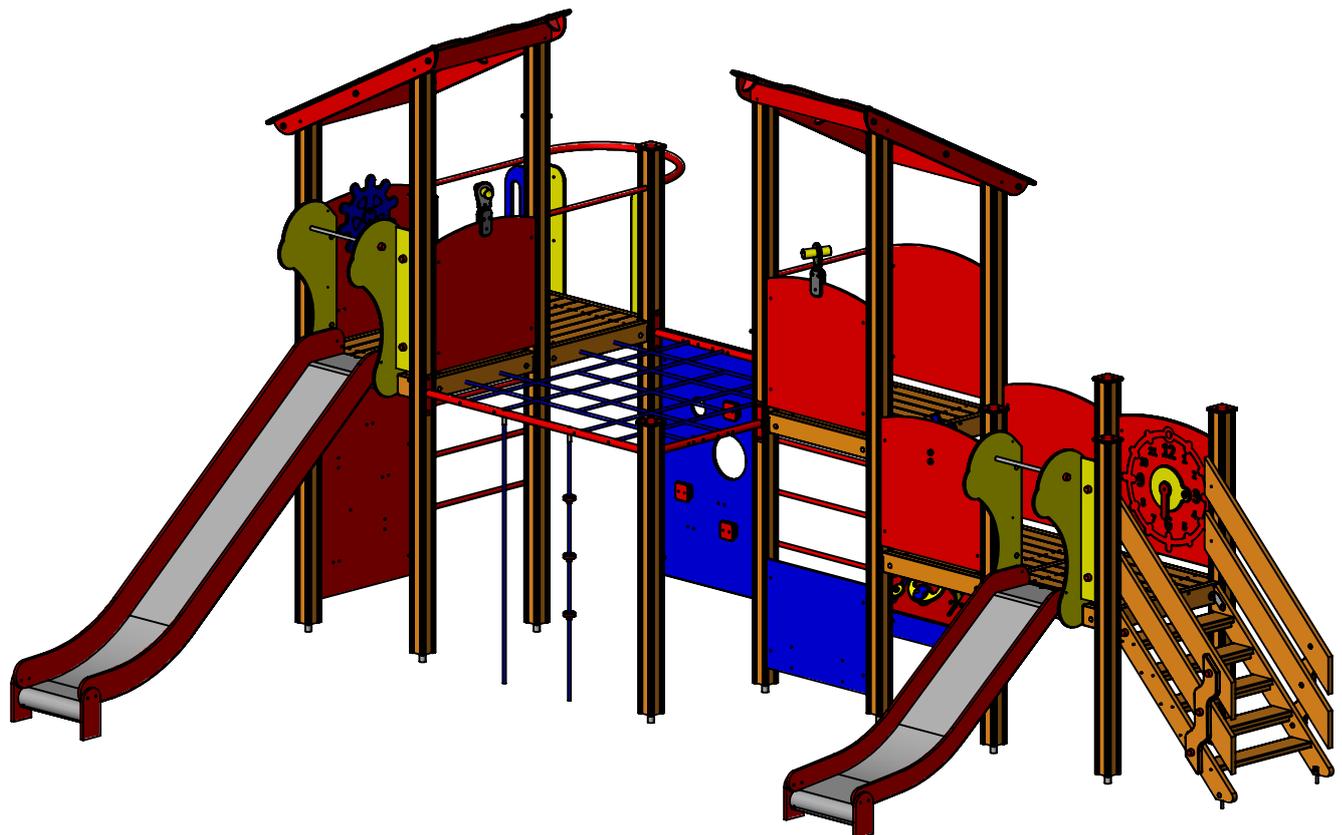
B

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E

F



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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik



**Tiptiptap** OÜ

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

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:40

SHEET 1 OF 33

Safety area

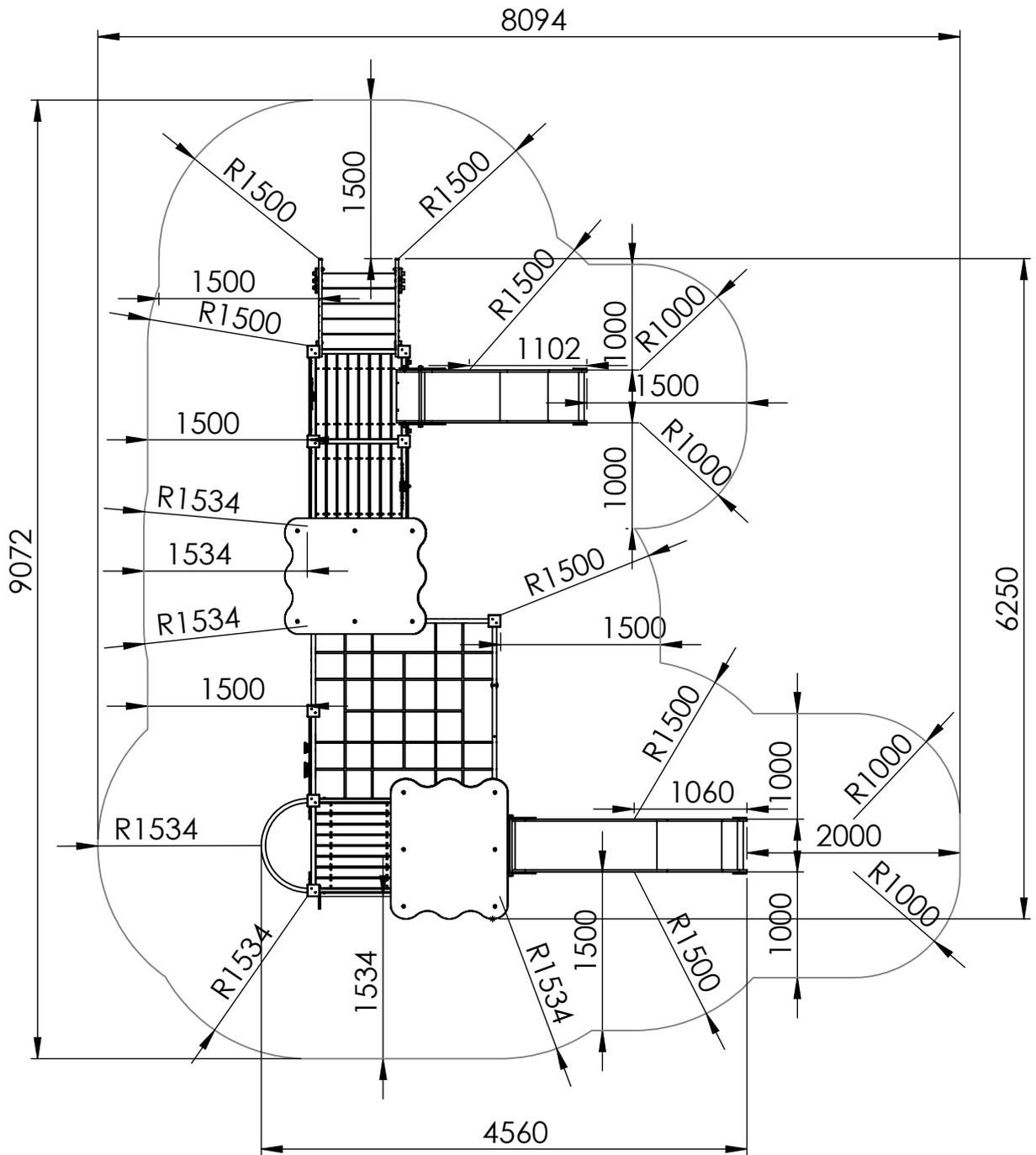
A

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik

F



**Tiptiptap** OÜ

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

MATERIAL:

wood, metal, plastic

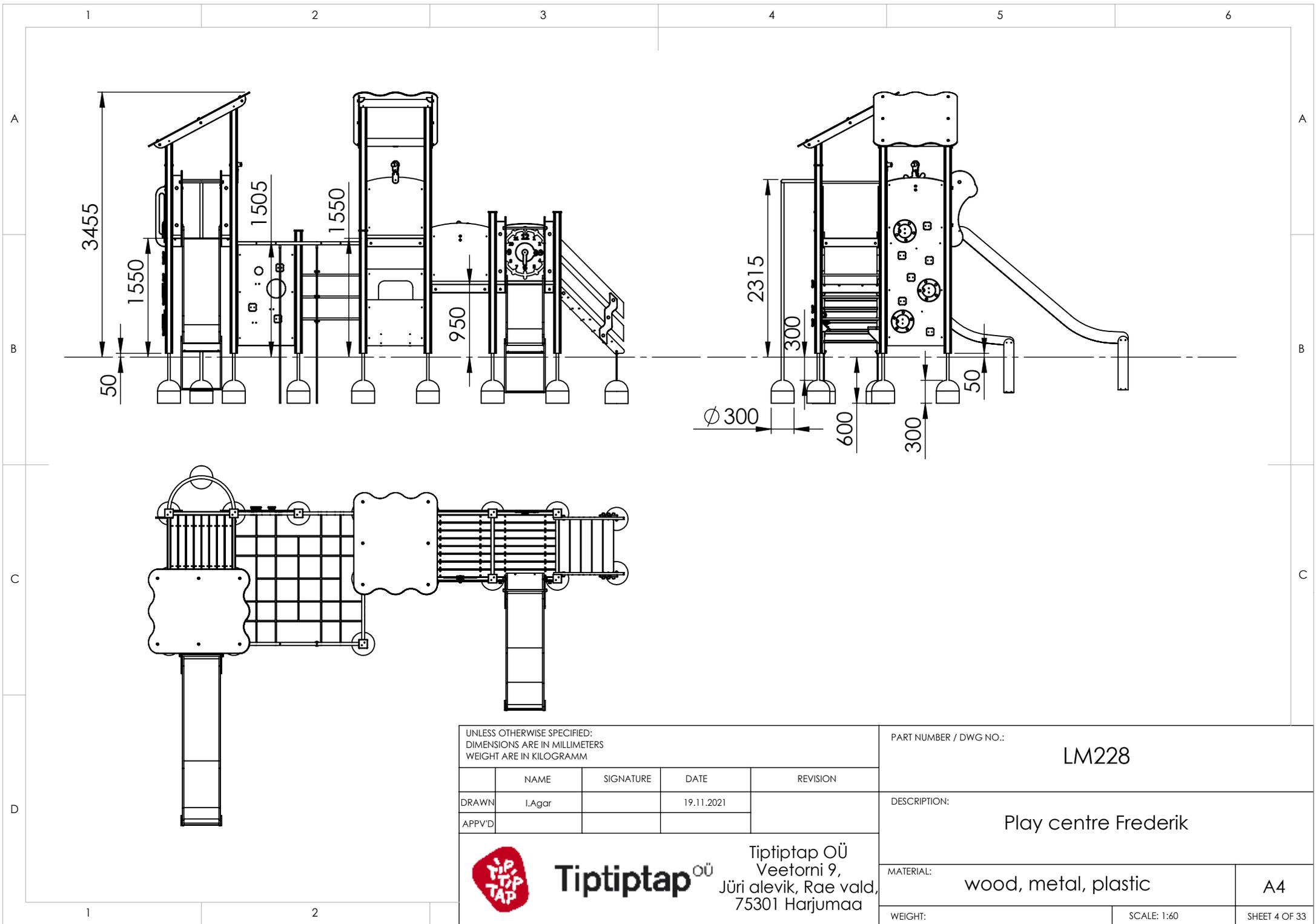
A4

WEIGHT:

SCALE: 1:60

SHEET 2 OF 33





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

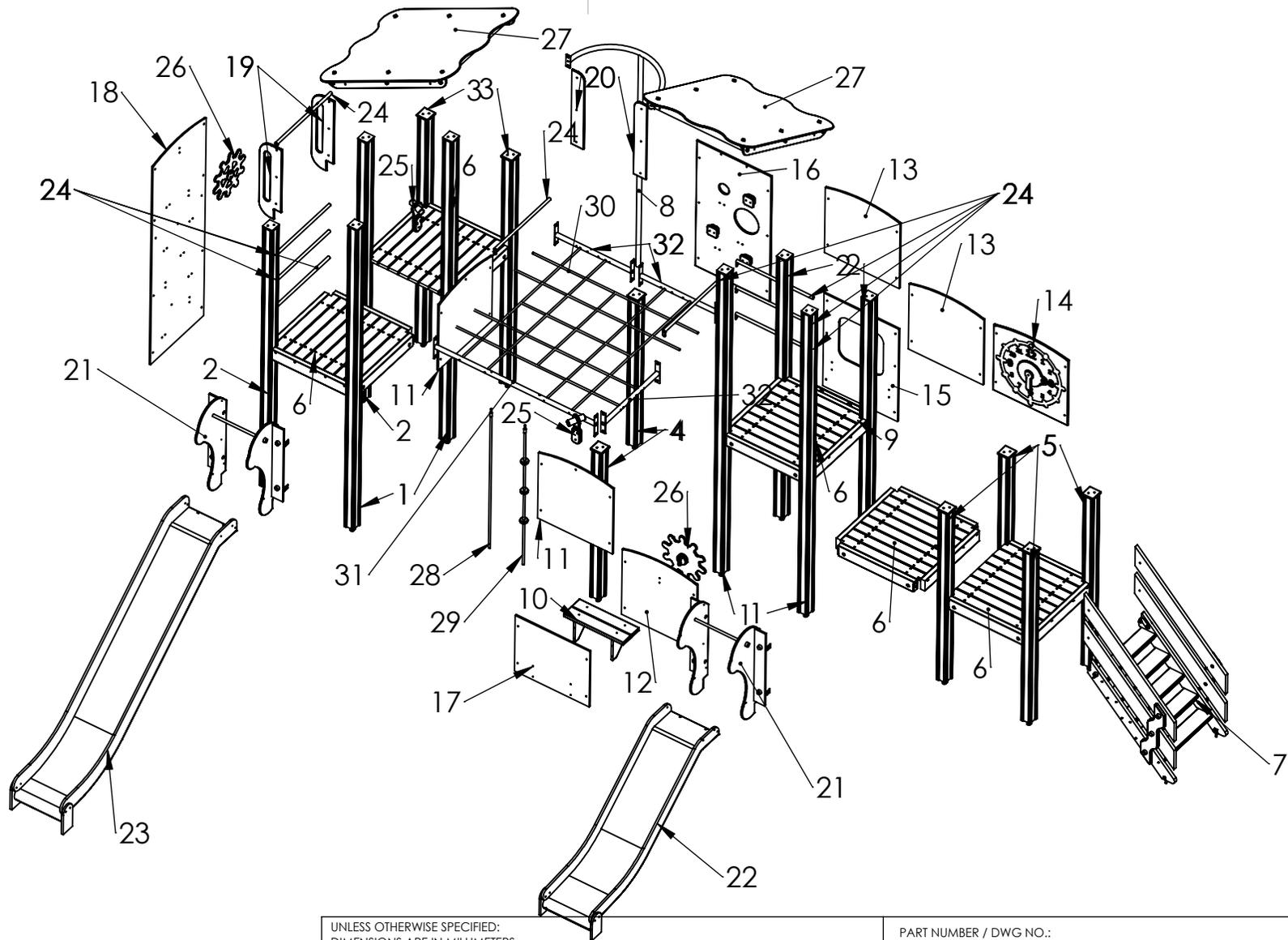
	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				


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

PART NUMBER / DWG NO.: **LM228**

DESCRIPTION: **Play centre Frederik**

MATERIAL:	wood, metal, plastic	A4
WEIGHT:		SCALE: 1:60
		SHEET 4 OF 33



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

PART NUMBER / DWG NO.: **LM228**

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:  
**Play centre Frederik**

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

MATERIAL: **wood, metal, plastic**

WEIGHT: SCALE: 1:50

A4 SHEET 5 OF 33

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x3250	laminated wood	4
2	post 98x98x2800	laminated wood	4
3	post 98x98x2450	laminated wood	2
4	post 98x98x1600	laminated wood	2
5	post 98x98x1840	laminated wood	4
6	platform	laminated wood, metal	5
7	stairs	laminated wood	1
8	Climbing pole for 1550 platform	Painted steel	1
9	Cockpit	plywood	1
10	playcorner-bench	laminated wood, HDPE plastic	1
11	Upward curved panel with binoculars, lower hole 100mm	HDPE plastic	2
12	Upward curved panel with wheel, lower hole 85	HDPE plastic	1
13	Upward curved panel, lower hole 100mm	HDPE plastic	2
14	LM228 clock panel	HDPE plastic	1
15	LM228 cockpit panel	HDPE plastic	1
16	LM228 cheese wall with climbing grips	HDPE plastic	1
17	rectangle panel with seat, lower hole 100mm	HDPE plastic	1
18	LM228 calculation panel with climbing grips	HDPE plastic	1
19	LM228 handle	HDPE plastic	2
20	LM228 climbing pole side panels	HDPE plastic	2
21	slide guard block	HDPE plastic	2
22	slide h_950	Stainless steel, HDPE plastic	1
23	slide h_1550	stainless steel, HDPE plastic	1
24	Tube D25x770	Painted steel	9
25	Binoculars 1	HDPE plastic	2
26	Big captain wheel	HDPE plastic	2
27	roof inclined	HDPE plastic	2
28	LM228 climbing rope without rocks	PP covered steel wire	1
29	LM228 climbing rope with rocks	PP covered steel wire	1
30	LM228 net	PP covered steel wire	1
31	LM228 long tube for net	painted steel	1
32	LM228 short tube for net	painted steel	3
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.:	
		LM228	
NAME	SIGNATURE	DATE	REVISION
DRAWN I.Agar		19.11.2021	
APPV'D			
		DESCRIPTION:	
		Play centre Frederik	
		MATERIAL:	A4
		wood, metal, plastic	
		WEIGHT:	SCALE: 1:50
			SHEET 6 OF 33



**Tiptaptap** OÜ

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

A

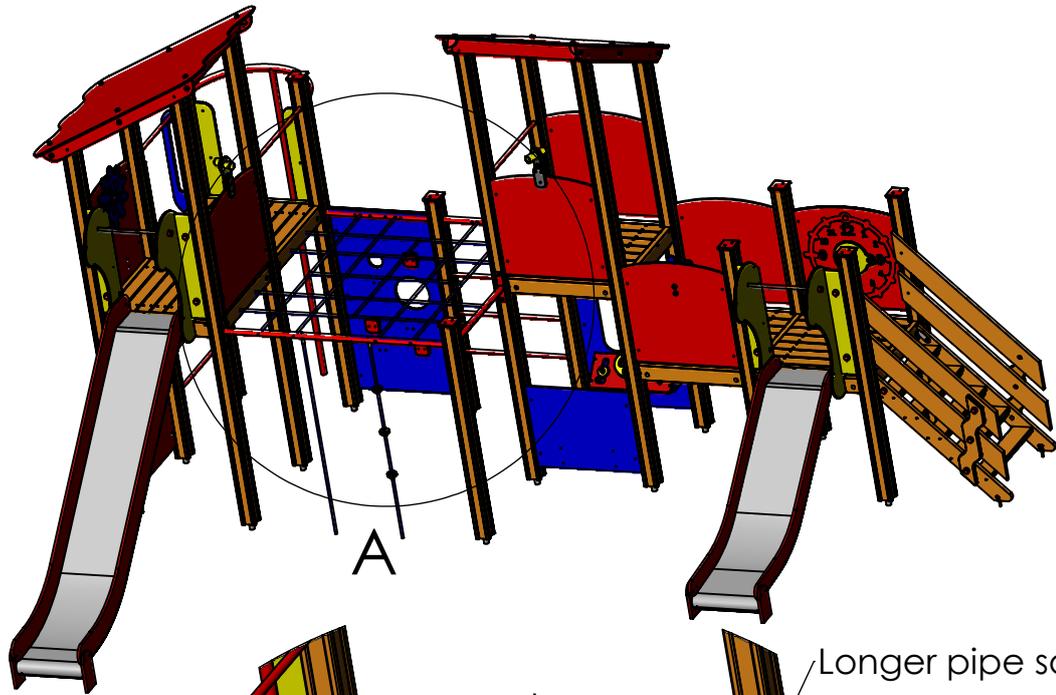
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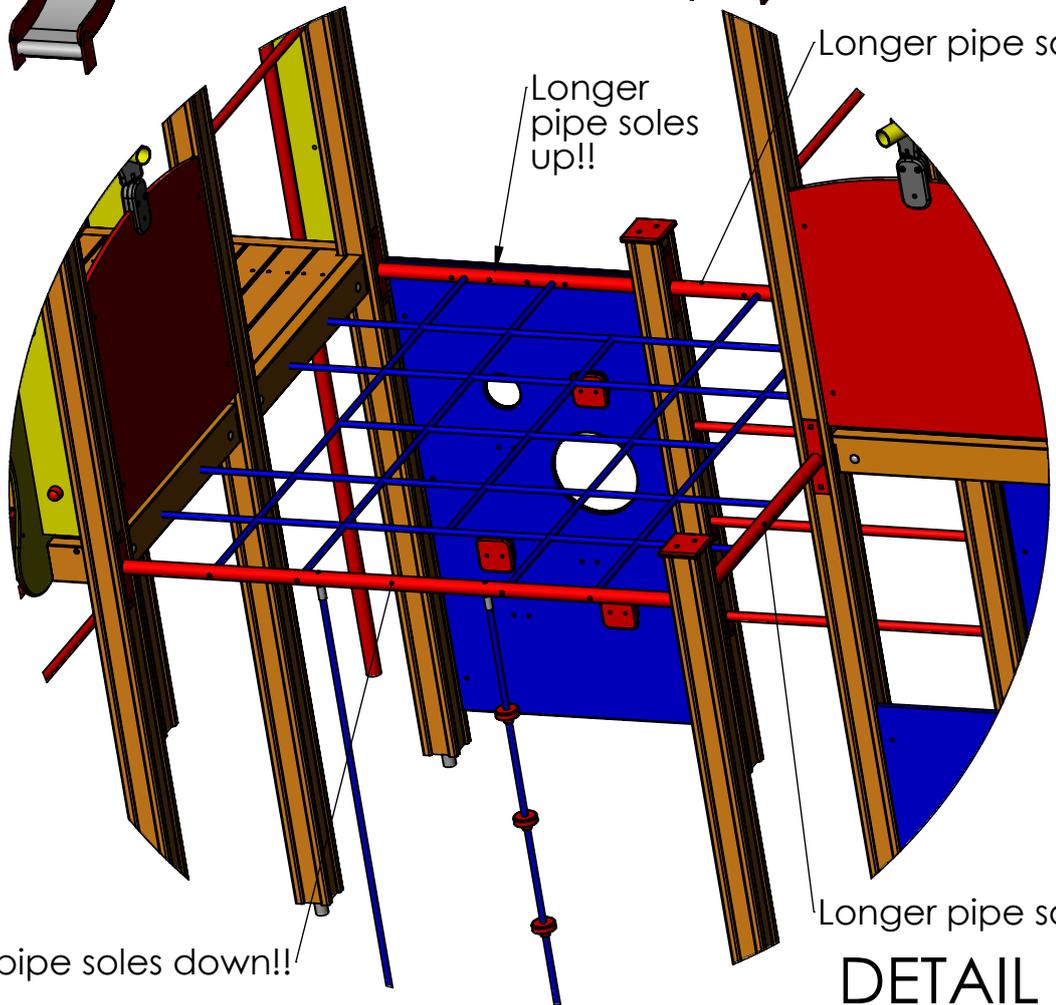
D

E

F



A



Longer pipe soles up!!

Longer pipe soles up!!

Longer pipe soles down!!

Longer pipe soles up!!

# DETAIL A SCALE 1 : 20

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik



## Tiptiptap OÜ

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

MATERIAL:

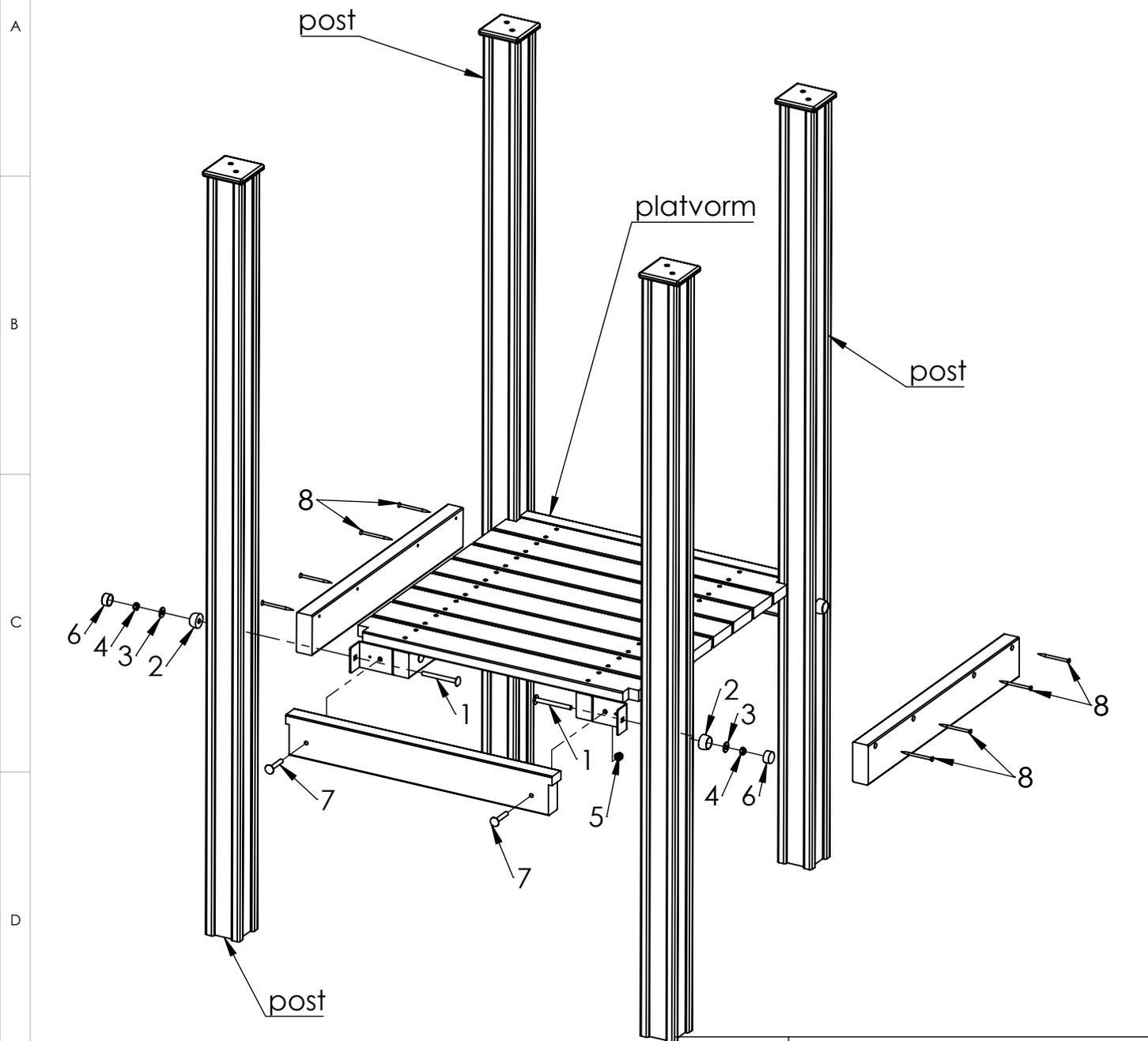
wood, metal, plastic

A4

WEIGHT:

SCALE: 1:50

SHEET 7 OF 33



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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting platform to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

SHEET 8 OF 33



**Tiptiptap** OÜ

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

A

B

C

D

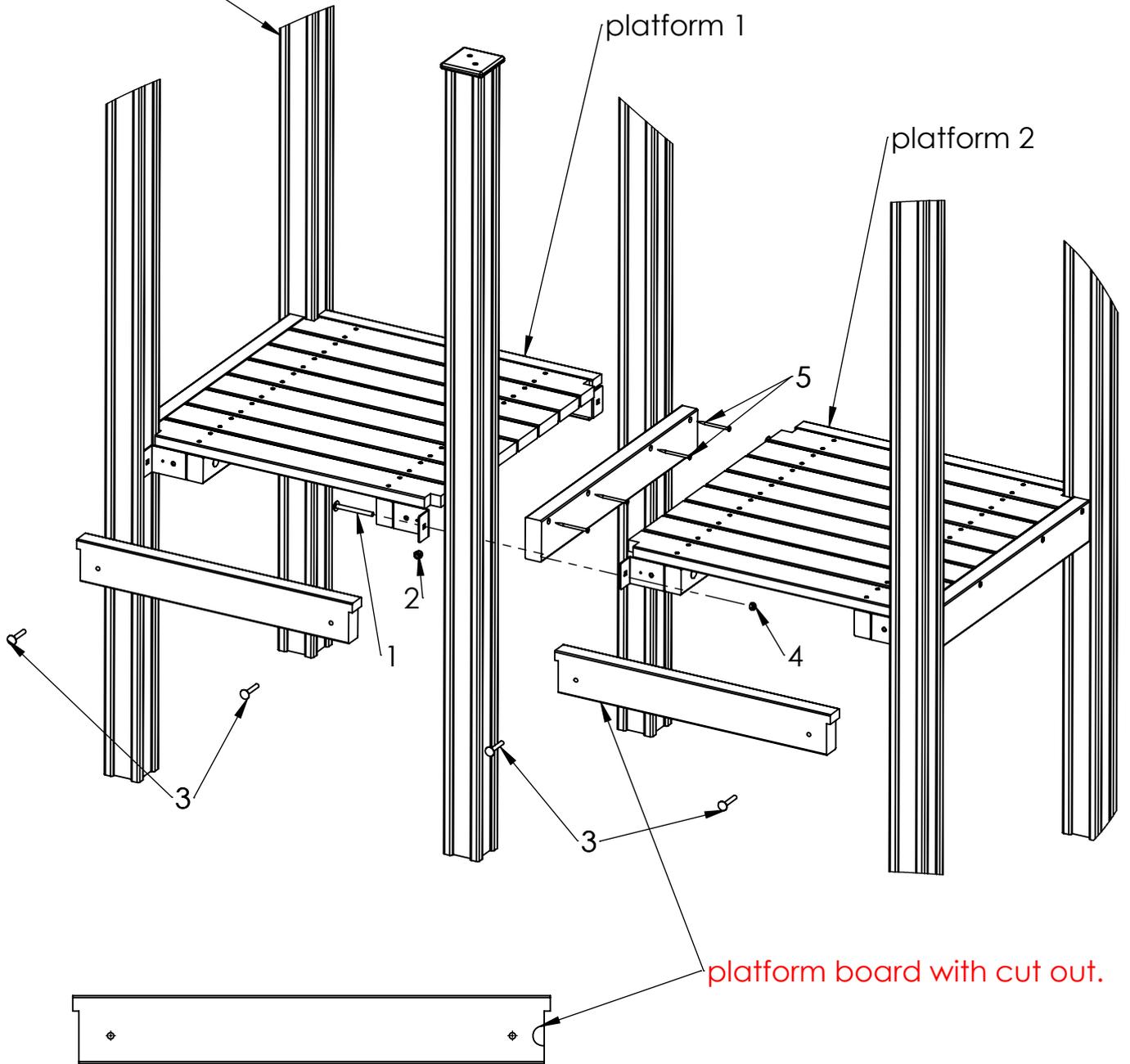
E

F

Post

platform 1

platform 2



platform board with cut out.

ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	domed cap nut DIN986 M10
3	bolt DIN603 M10x60
4	nut DIN985 M10
5	Woodscrew 6 x 90

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

PART NUMBER / DWG NO.:  
**LM228**

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:  
**Play centre Frederik  
connecting two platforms**



**Tiptiptap** OÜ

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

MATERIAL:  
wood, metal, plastic

A4

WEIGHT: SCALE: 1:15 SHEET 9 OF 33

# Aluminium post version!!!

A

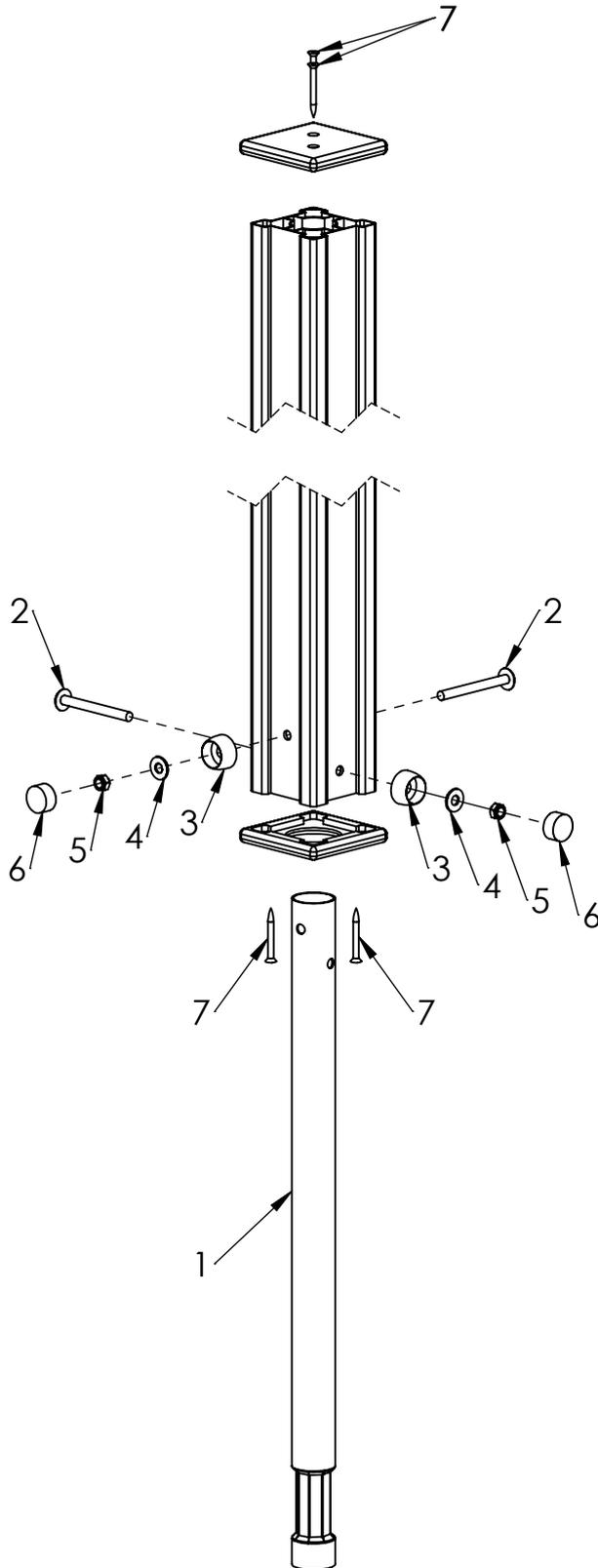
B

C

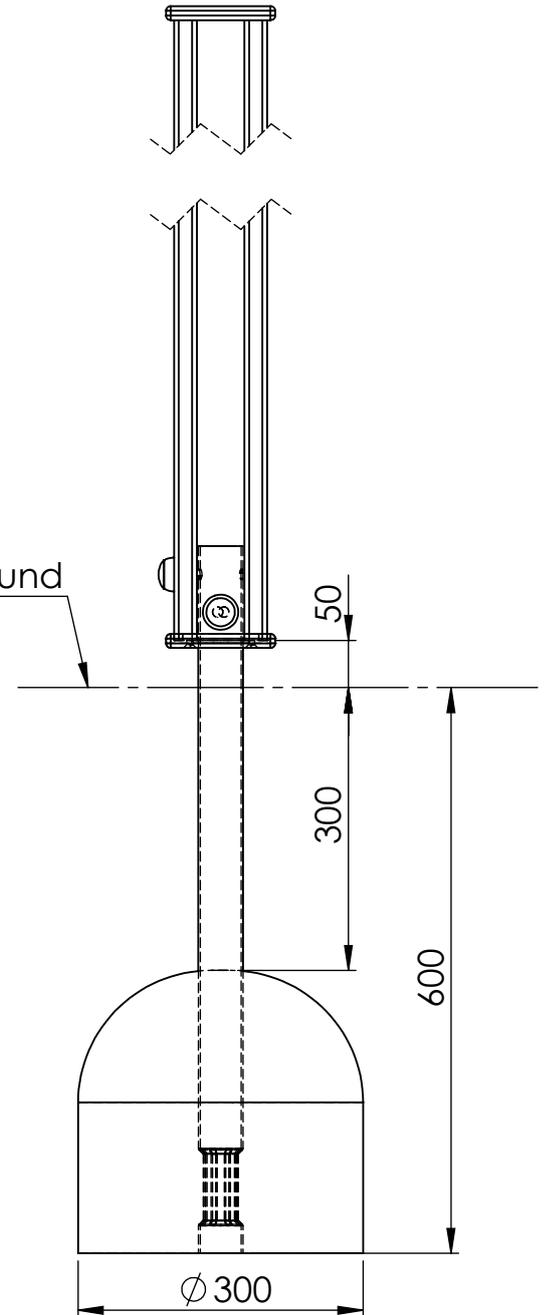
D

E

F



Ground



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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik

connecting metal ground fixing to aluminium post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 10 OF 33

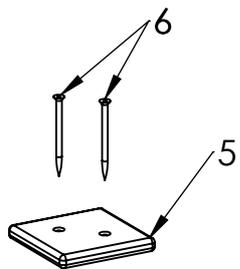


**Tiptaptap** OÜ

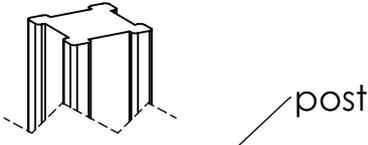
Tiptaptap OÜ  
Veetorni 9,  
Jüri alevik, Rae vald,  
75301 Harjumaa

# Wood post version!!!

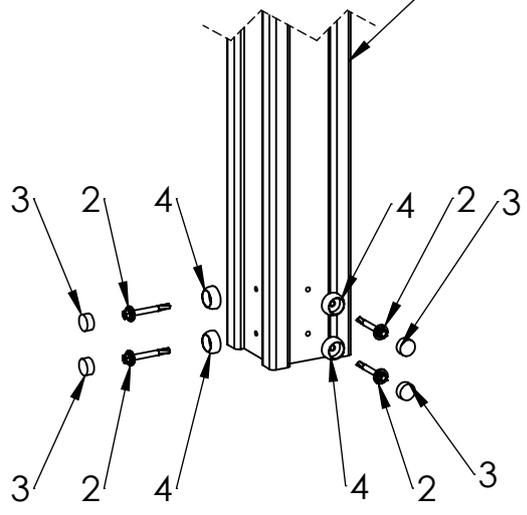
A



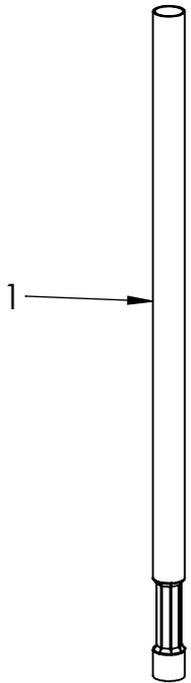
B



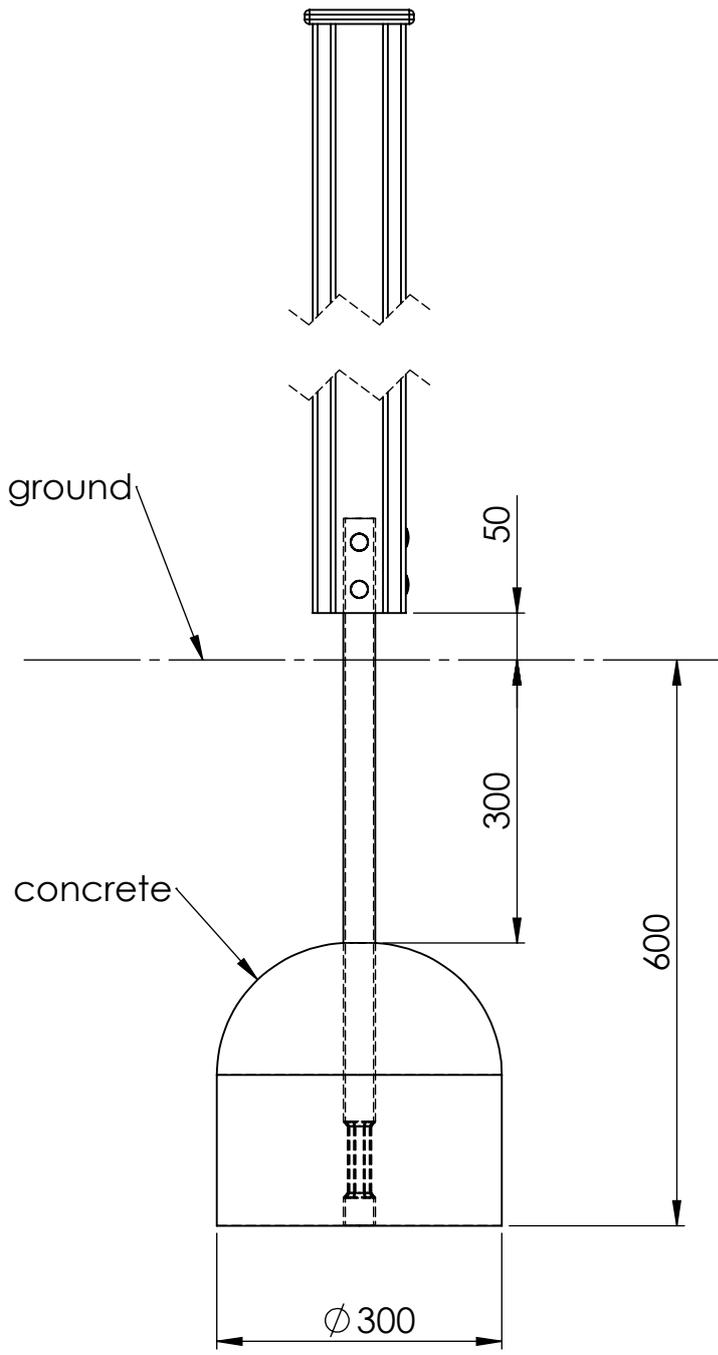
C



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

PART NUMBER / DWG NO.:  
**LM228**

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:  
**Play centre Frederik  
 connecting metal ground fixing to post**

F



**Tiptiptap** OÜ

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

MATERIAL: wood, metal, plastic

A4

WEIGHT: SCALE: 1:8 SHEET 11 OF 33

A

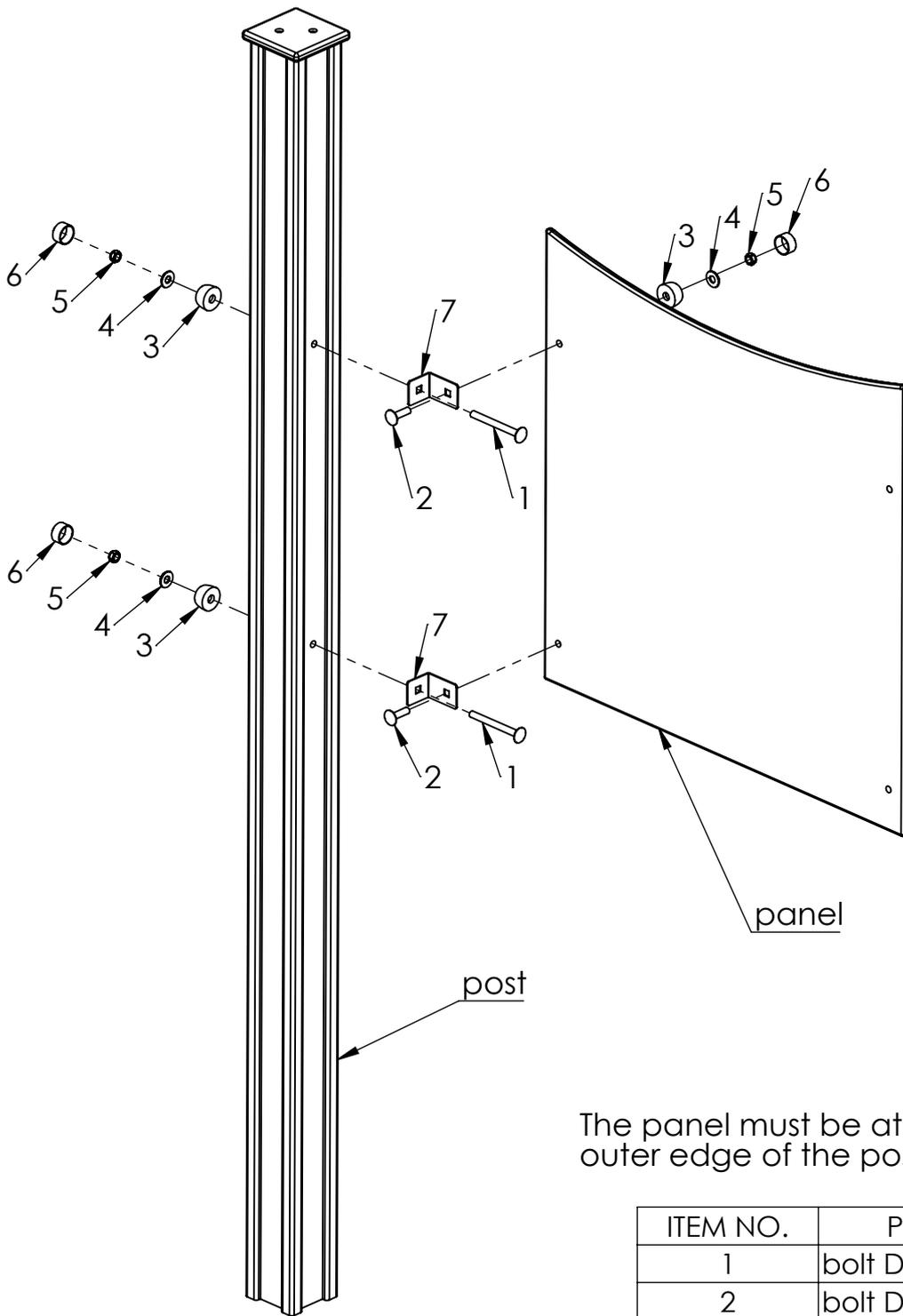
B

C

D

E

F



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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting panel to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

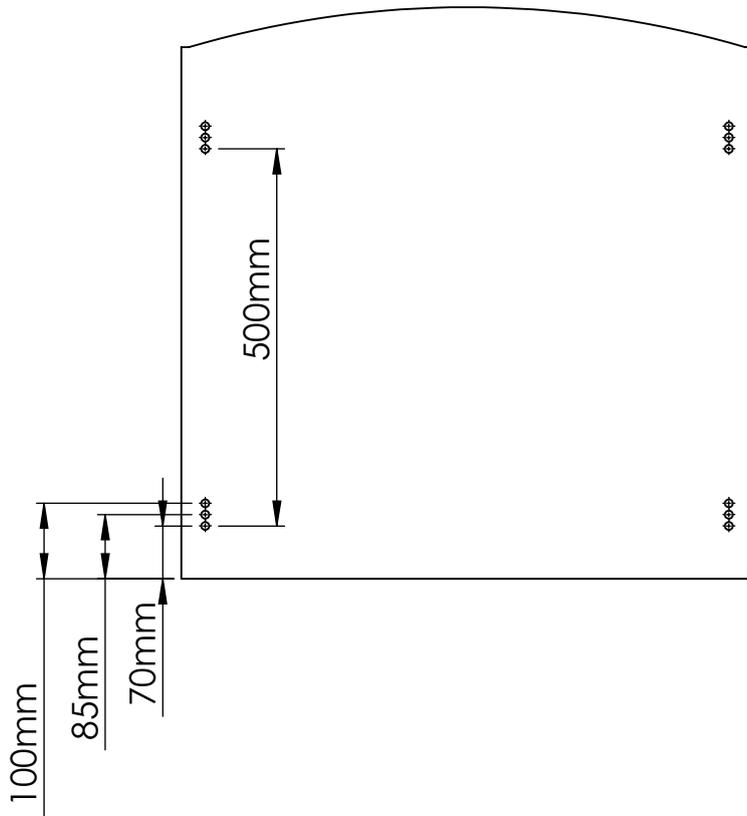
SHEET 12 OF 33



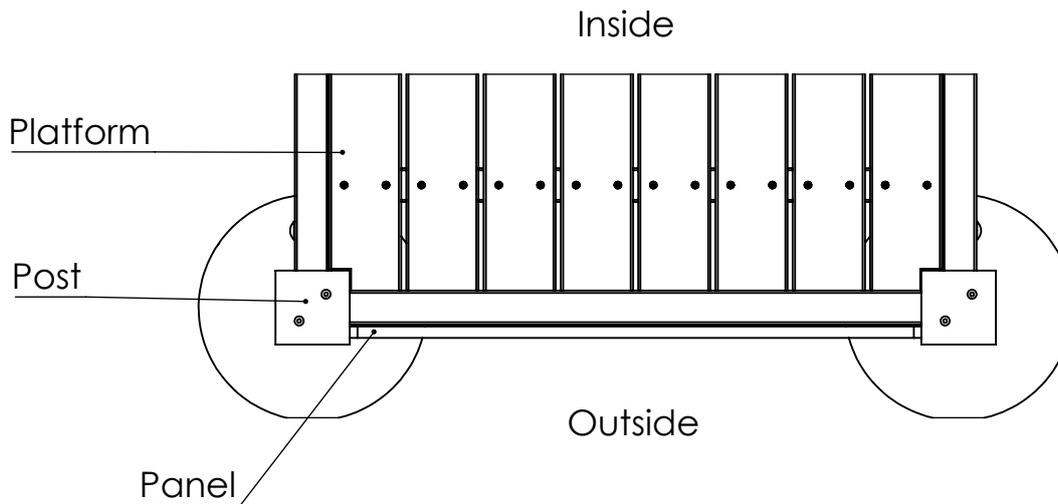
**Tiptiptap** OÜ

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

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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting panel to post



**Tiptiptap** OÜ

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

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 13 OF 33

A

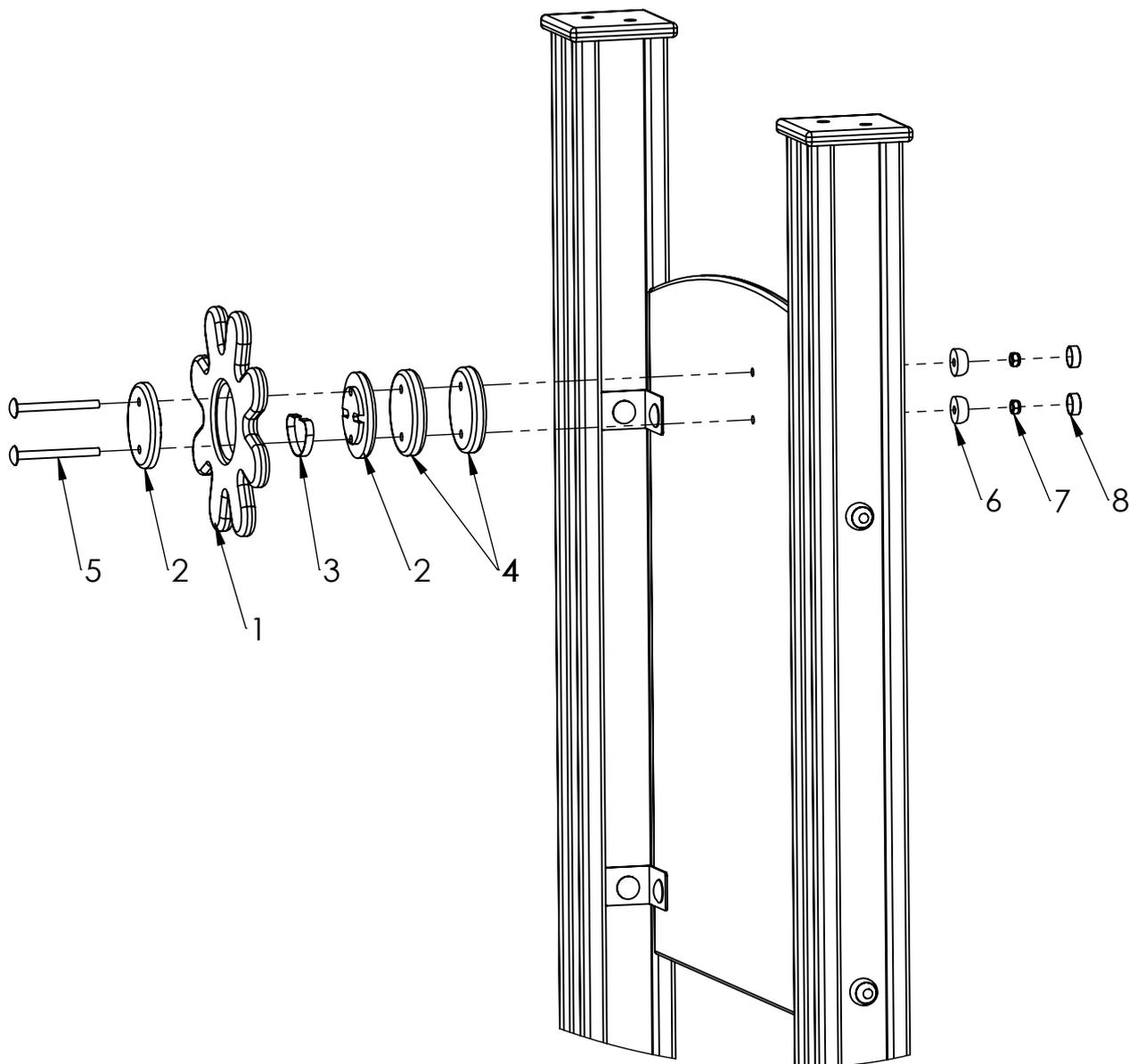
B

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E

F



ITEM NO.	PART NUMBER
1	Captain wheel
2	Disk 90mm for spring
3	spring for wheel
4	Disk 90mm
5	bolt DIN603 M8x90
6	nut cover M8
7	nut DIN985 M8
8	nut cover cap M8

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting wheel to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

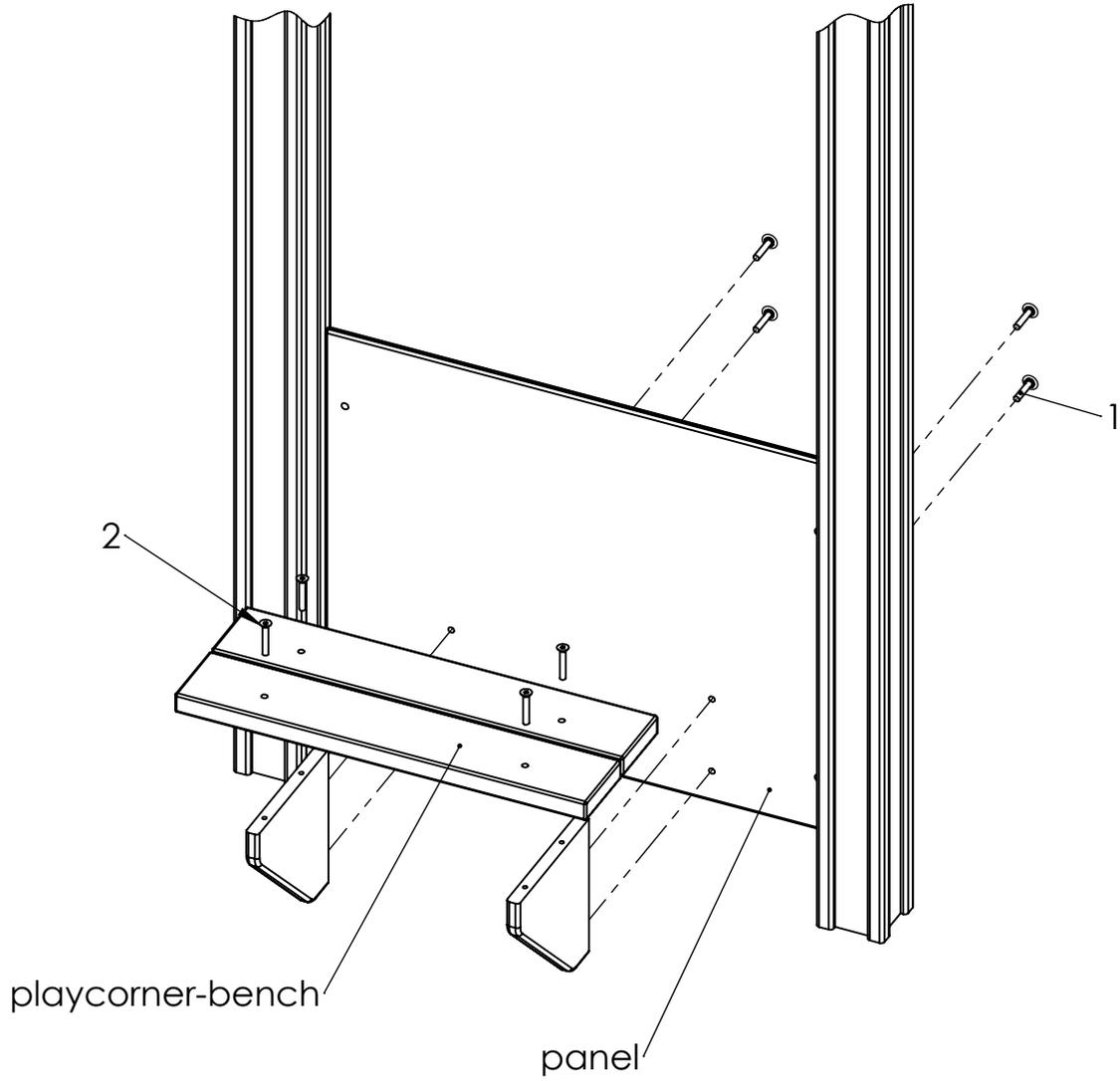
SCALE: 1:7

SHEET 14 OF 33



**Tiptiptap** OÜ

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



ITEM NO.	PART NUMBER
1	Art. 9121 TX-PIN M8x40
2	DIN7991 M8x40

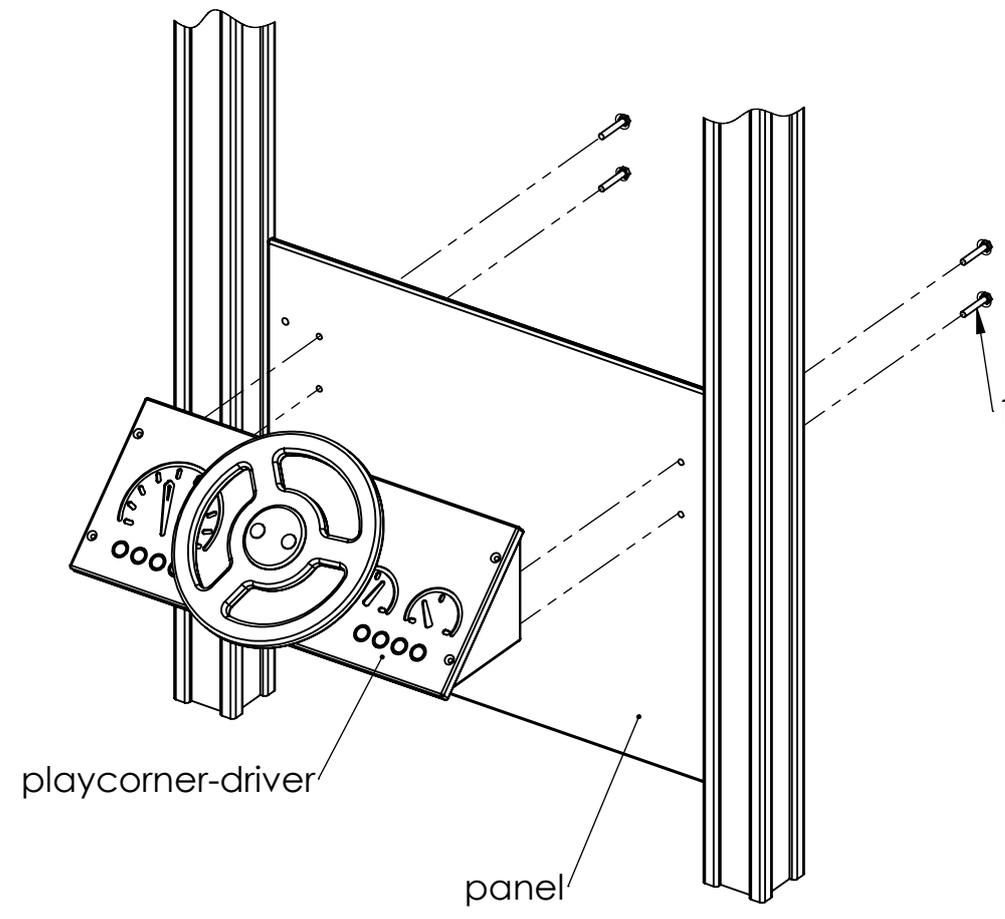
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM				
	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

PART NUMBER / DWG NO.:		LM228	
DESCRIPTION:			
Play centre Frederik connecting playcorner-bench to panel			
MATERIAL:		wood, metal, plastic	A4
WEIGHT:		SCALE: 1:10	SHEET 15 OF 33



**Tiptaptap** OÜ

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



ITEM NO.	PART NUMBER
1	Art. 9121 TX-PIN M8x40

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

PART NUMBER / DWG NO.:	LM228
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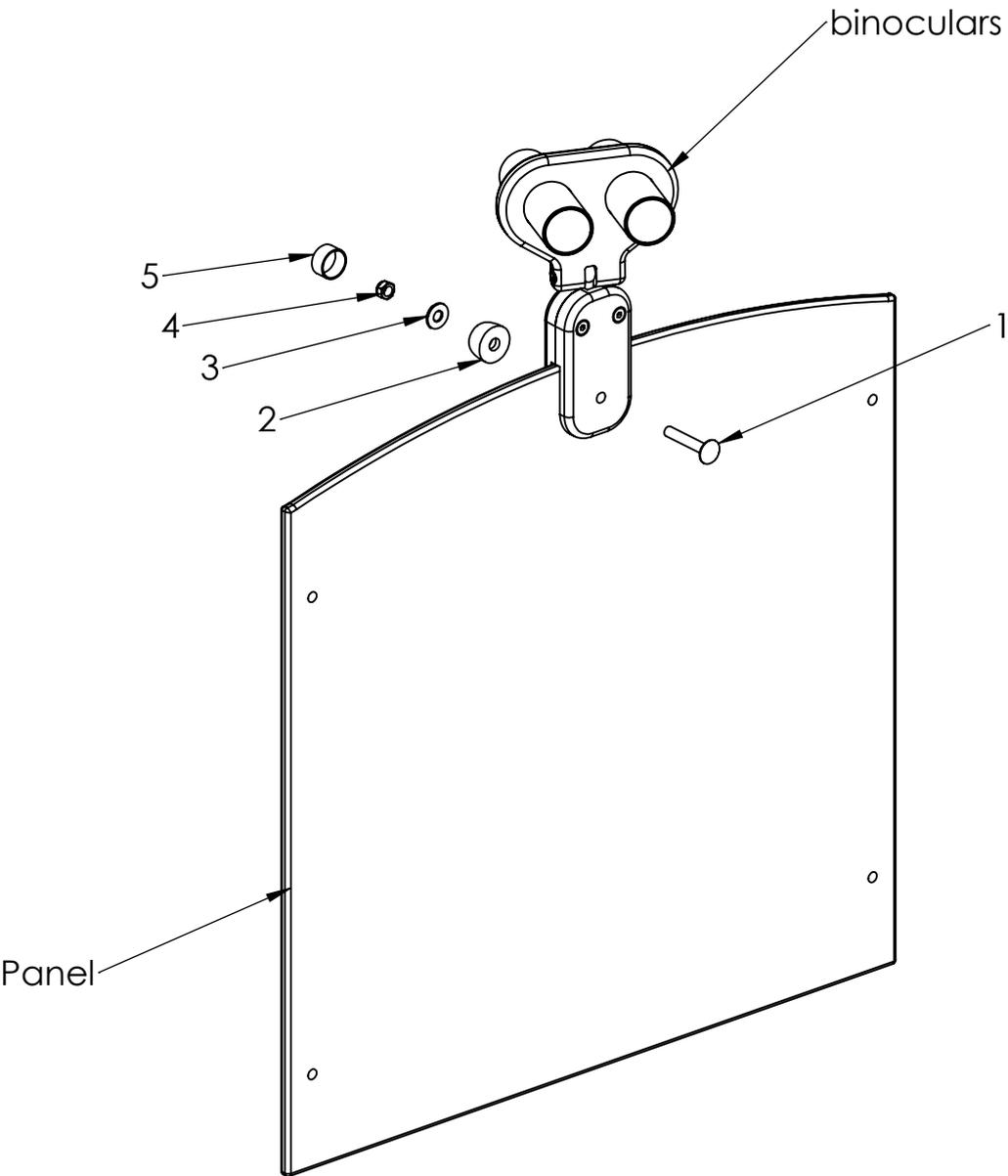
	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

DESCRIPTION:  
Play centre Frederik  
connecting playcorner-driver to panel



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

MATERIAL:	wood, metal, plastic	A4
WEIGHT:	SCALE: 1:10	SHEET 16 OF 33



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x60
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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting binoculars to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:7

SHEET 17 OF 33



**Tiptiptap** OÜ

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

A

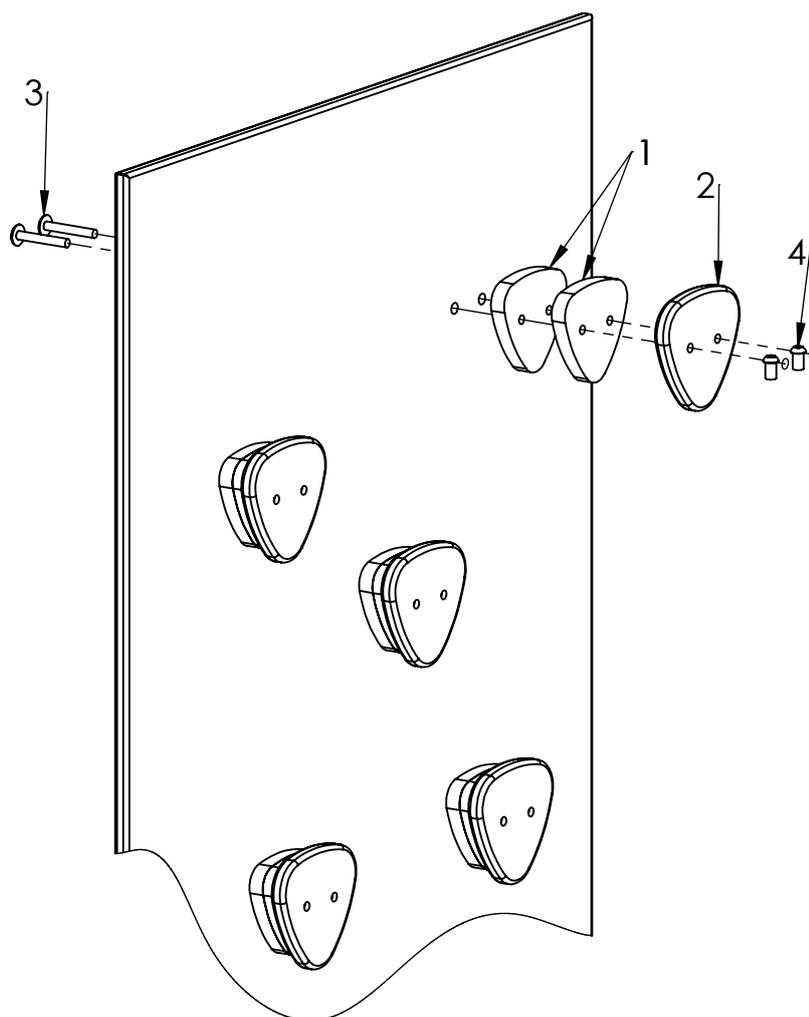
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ITEM NO.	PART NUMBER
1	climbing grip base
2	climbing grip
3	bolt DIN603 M8x55
4	M8 safety nut

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

DESCRIPTION:

Play centre Frederik  
Assembling climbing grip

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

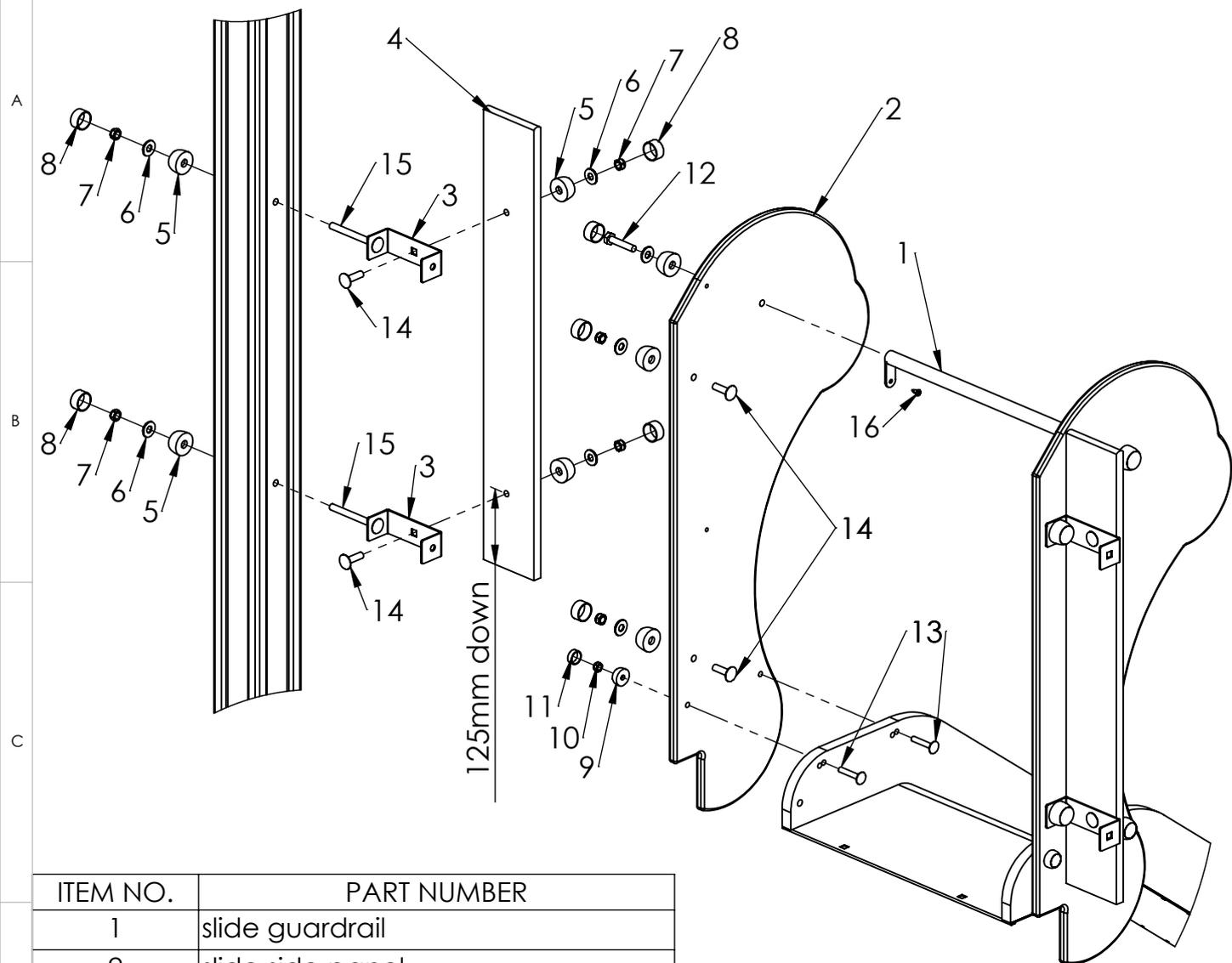
SCALE: 1:7

SHEET 18 OF 33



**Tiptiptap** OÜ

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



ITEM NO.	PART NUMBER
1	slide guardrail
2	slide side panel
3	slide 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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting slide guard block to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 19 OF 33



**Tiptiptap** OÜ

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

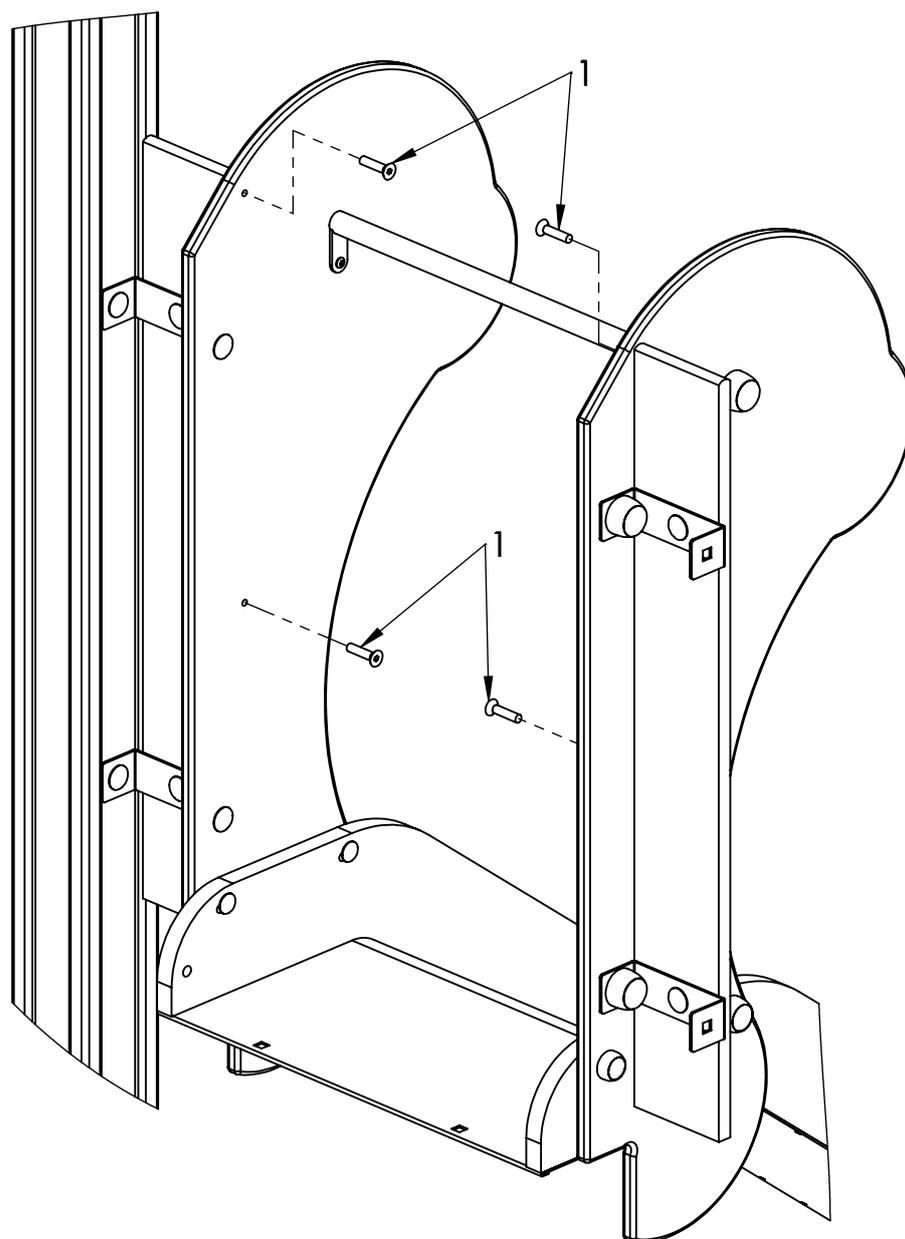
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ITEM NO.	PART NUMBER
1	M6x35 DIN7991

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting slide guard block to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:7

SHEET 20 OF 33

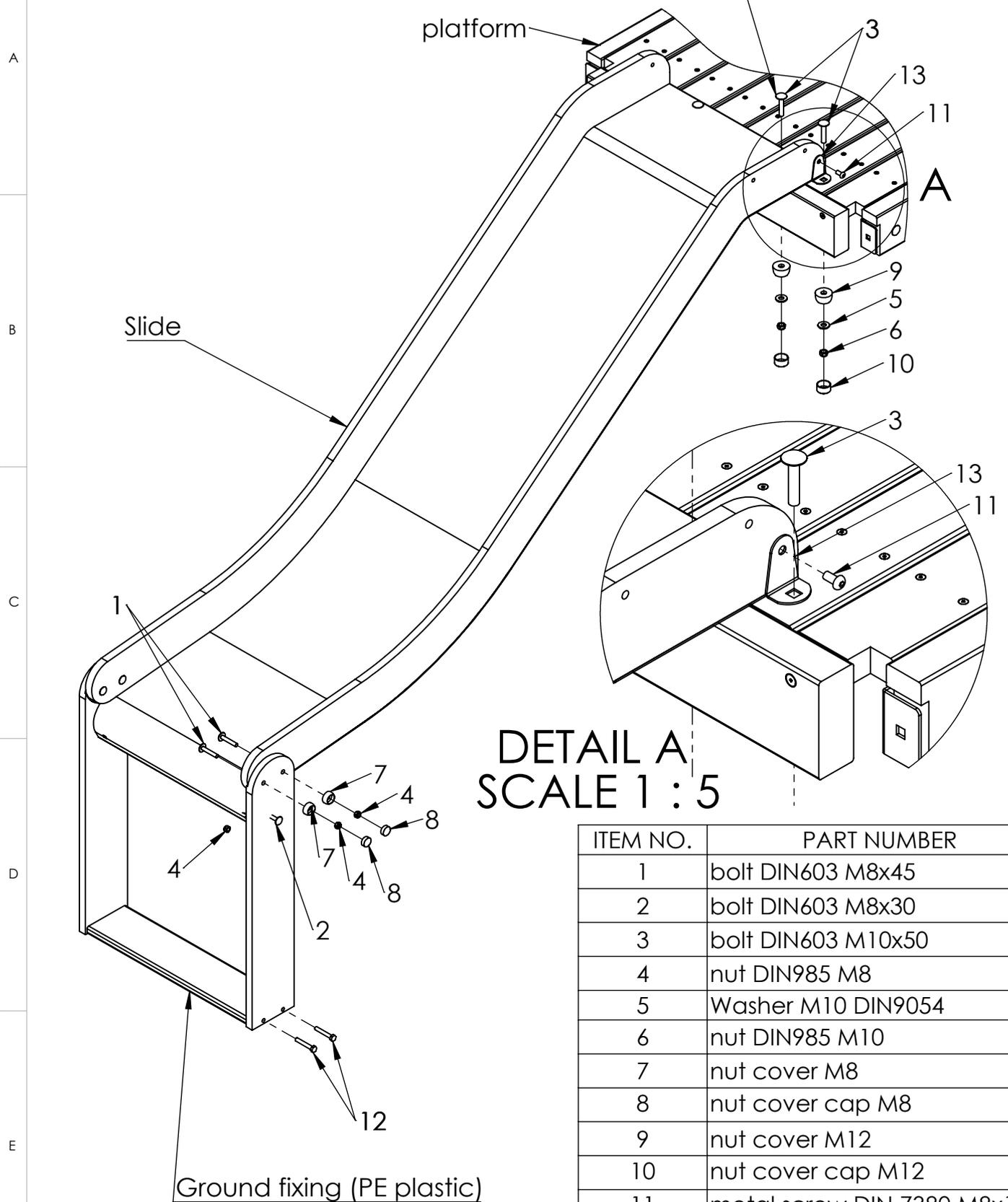


**Tiptiptap** OÜ

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

F

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 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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting slide to platform

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

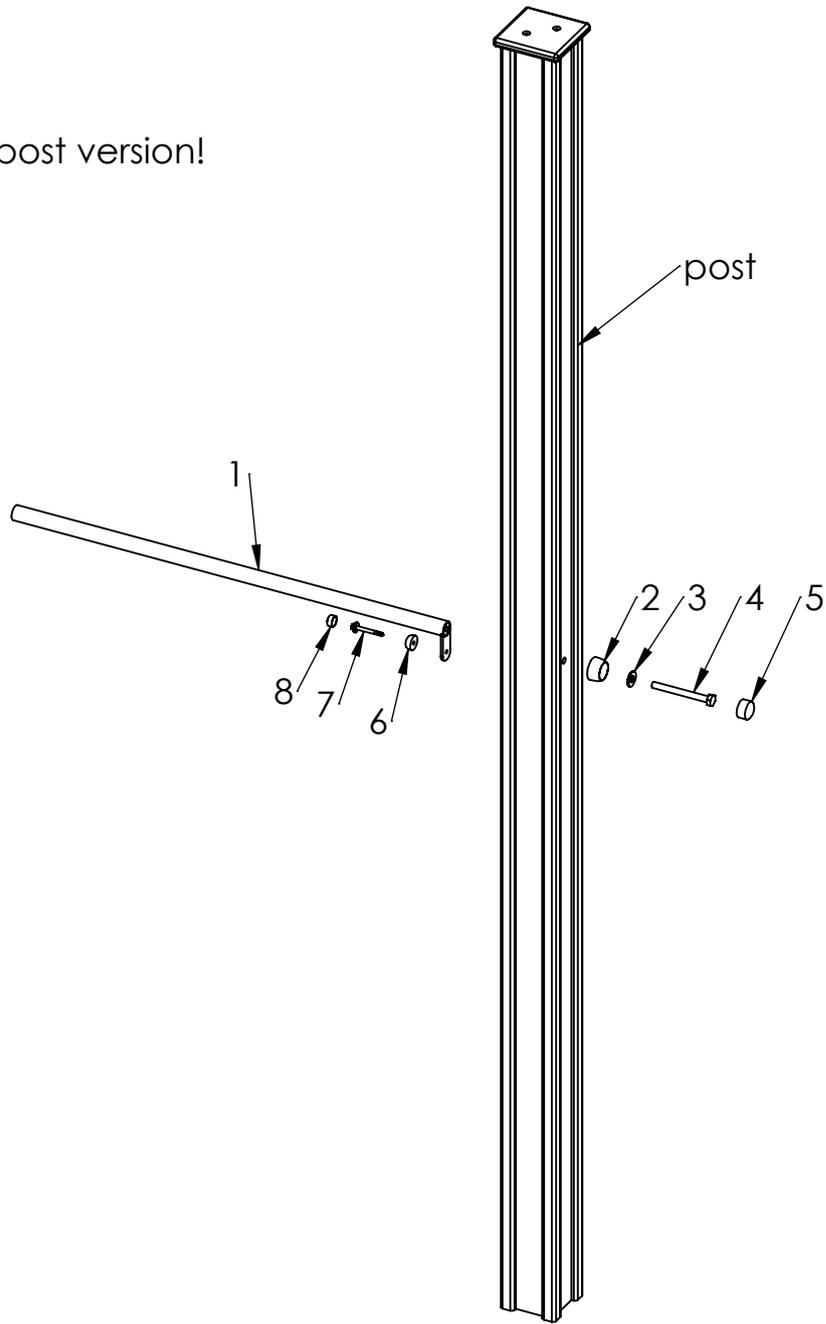
SHEET 21 OF 33



**Tiptiptap** OÜ

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

Aluminium post version!



ITEM NO.	PART NUMBER
1	guardrail $\phi$ 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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting guardrail to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 22 OF 33



**Tiptiptap** OÜ

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

A

Wood post version!

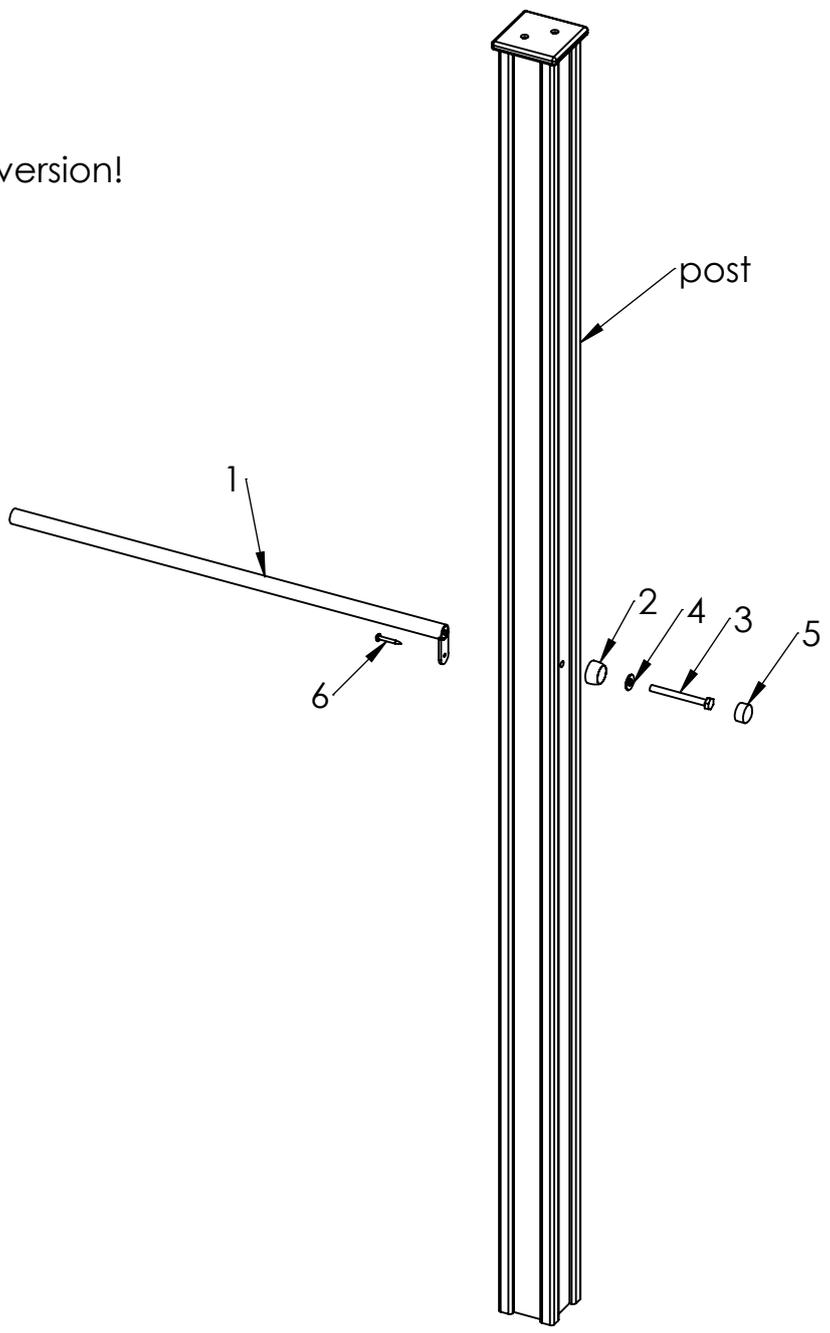
B

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ITEM NO.	PART NUMBER
1	guardrail $\varnothing$ 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	I.Agar			
APPV'D				

PART NUMBER / DWG NO.:  
**LM228**

DESCRIPTION:  
**Play centre Frederik  
connecting guardrail to post**



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

MATERIAL: wood, metal, plastic	A4
WEIGHT:	SCALE: 1:12 SHEET 23 OF 33

Nets and ropes have to be assembled after the foundation concrete has hardened!!!

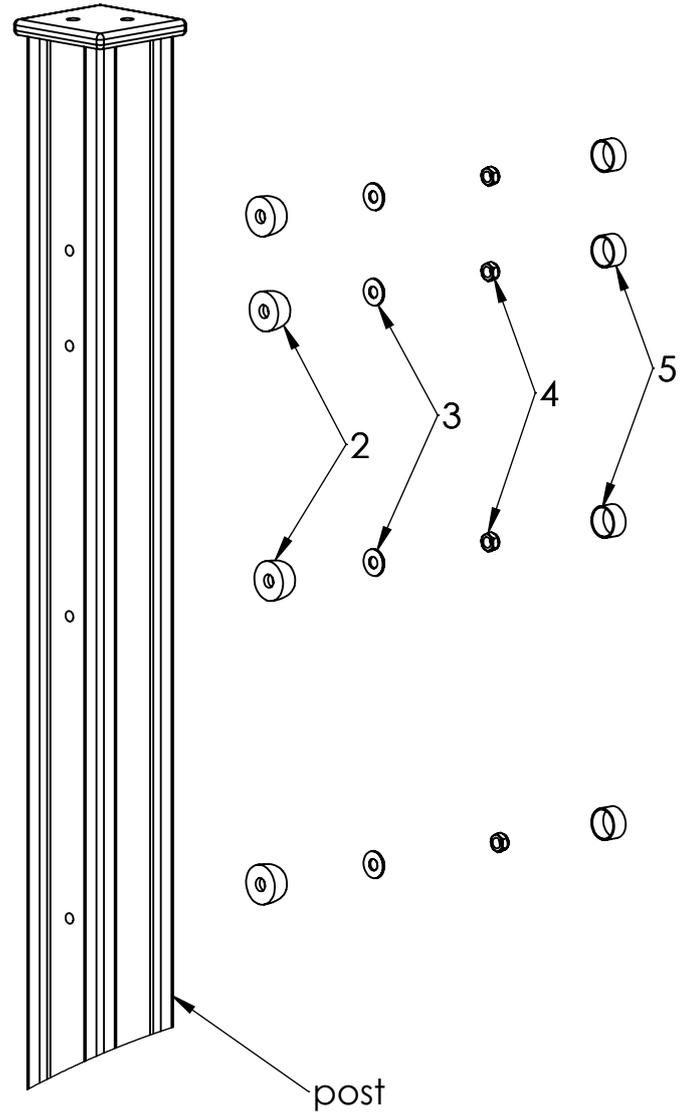
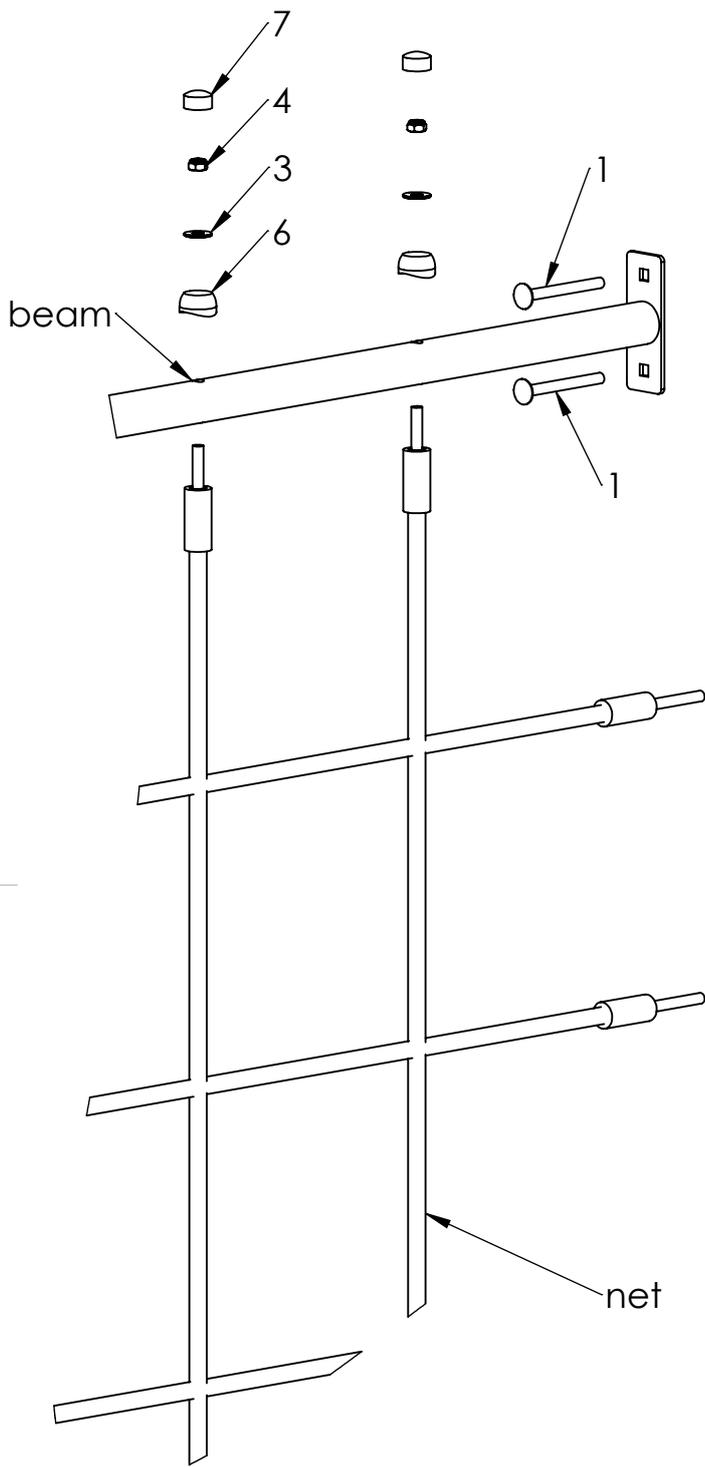
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ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	nut cover M12
3	Washer M10 DIN9054
4	nut DIN985 M10
5	nut cover cap M12
6	nut cover for beam M10
7	nut cover cap M10

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

PART NUMBER / DWG NO.:  
**LM228**

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

DESCRIPTION:  
**Play centre Frederik**  
Connecting beam and climbing net to post

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

MATERIAL:	wood, metal, plastic	A4
WEIGHT:	SCALE: 1:7	SHEET 24 OF 33

A

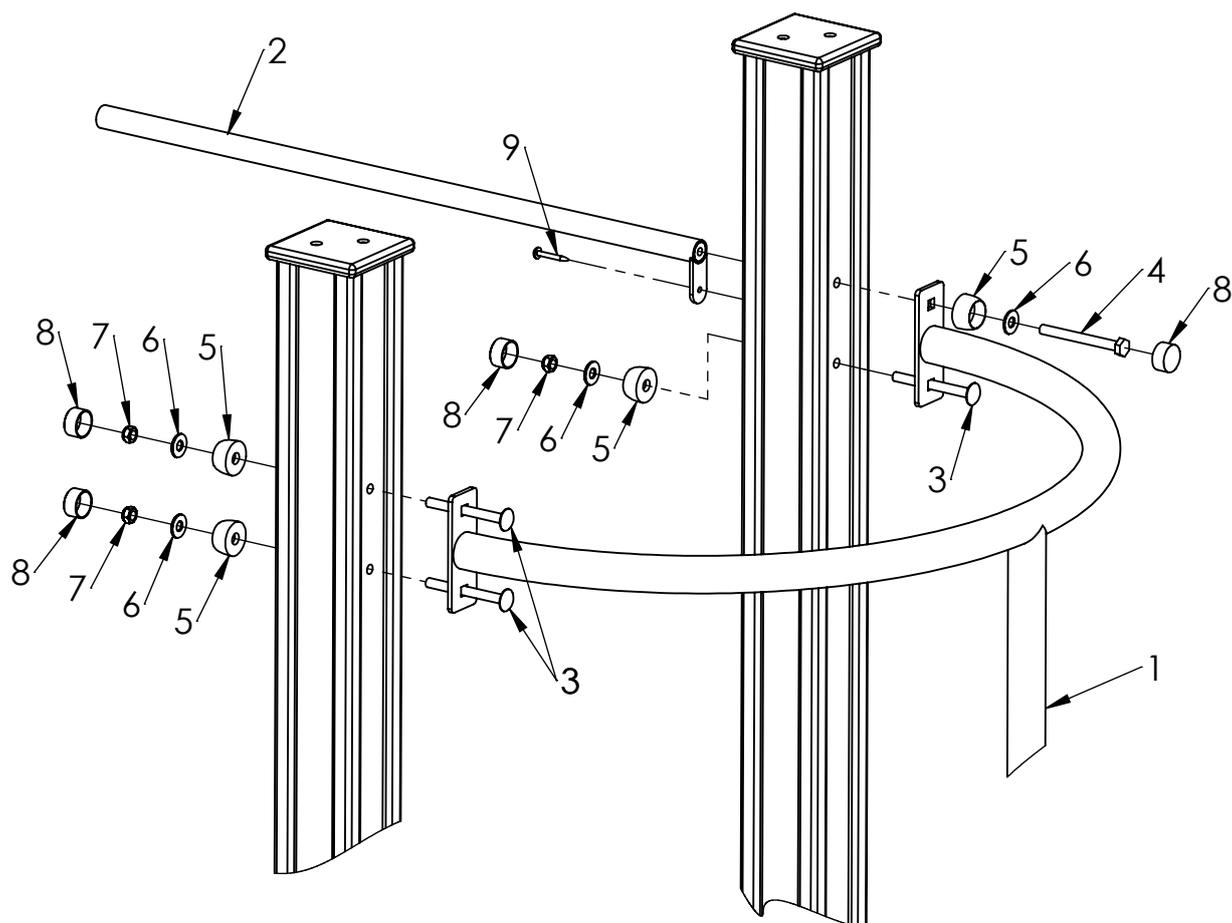
B

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ITEM NO.	PART NUMBER
1	climbing pole
2	guardrail $\varnothing$ 25x770
3	bolt DIN603 M10x100
4	bolt DIN931 M10x100
5	nut cover M12
6	Washer M10 DIN9054
7	nut DIN985 M10
8	nut cover cap M12
9	screw 5x40

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar			
APPV'D				

DESCRIPTION:

Play centre Frederik  
connecting climbing pole and guardrail to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

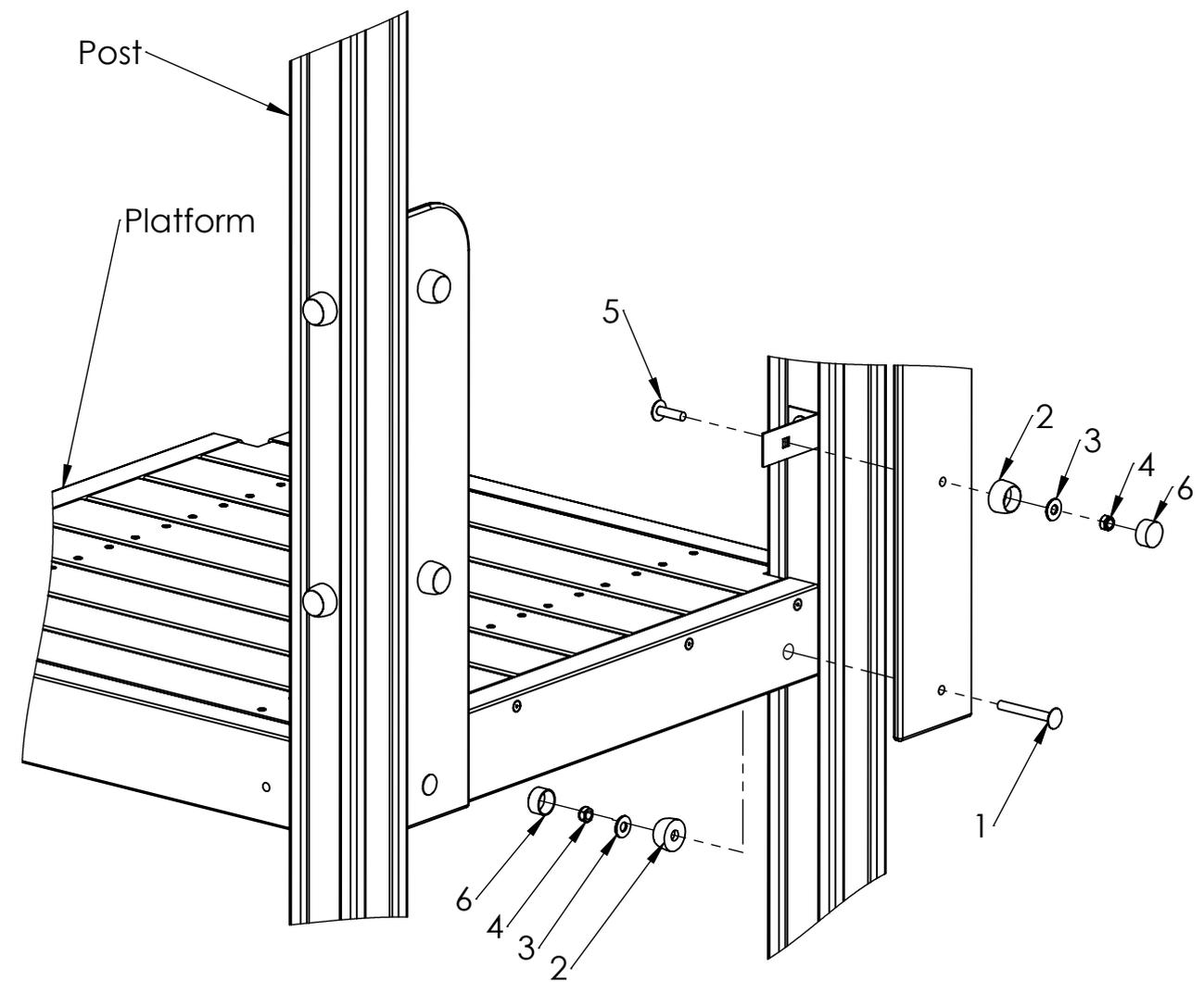
SCALE: 1:8

SHEET 25 OF 33



**Tiptiptap** OÜ

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



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.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting climbing pole side panel to post



**Tiptiptap** OÜ

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

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 26 OF 33

A

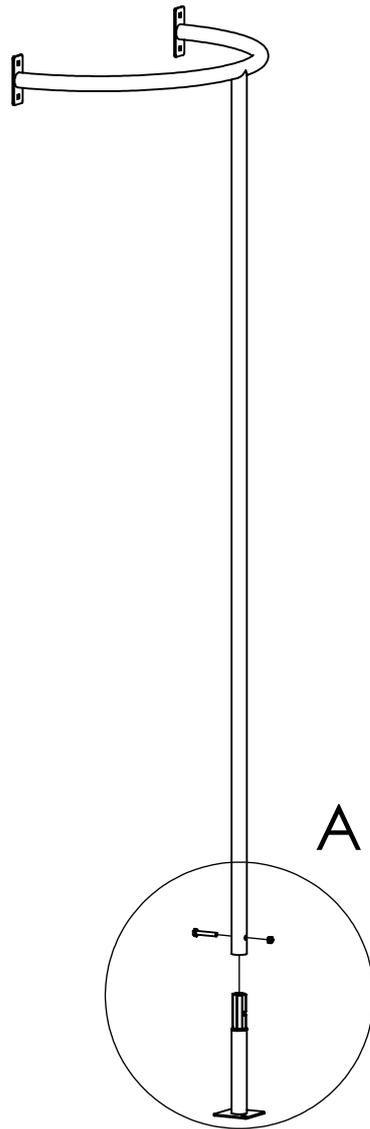
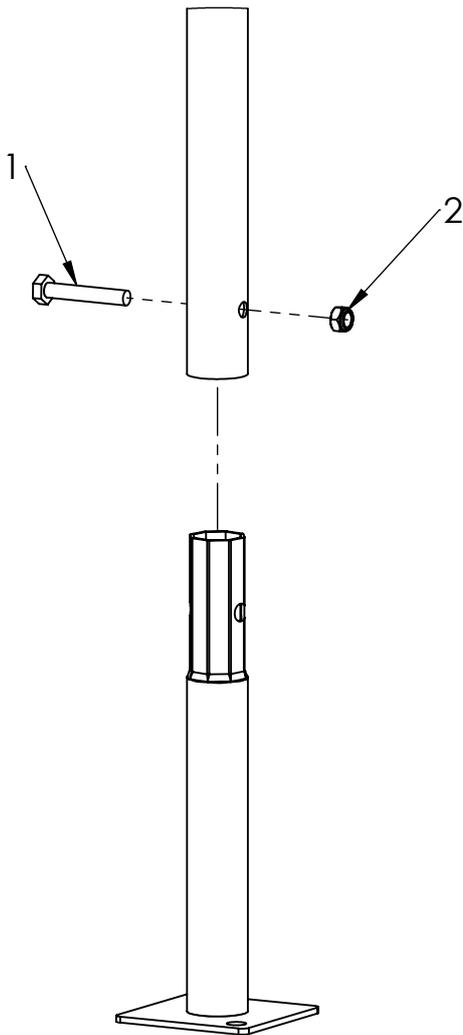
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### DETAIL A SCALE 1 : 5



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

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

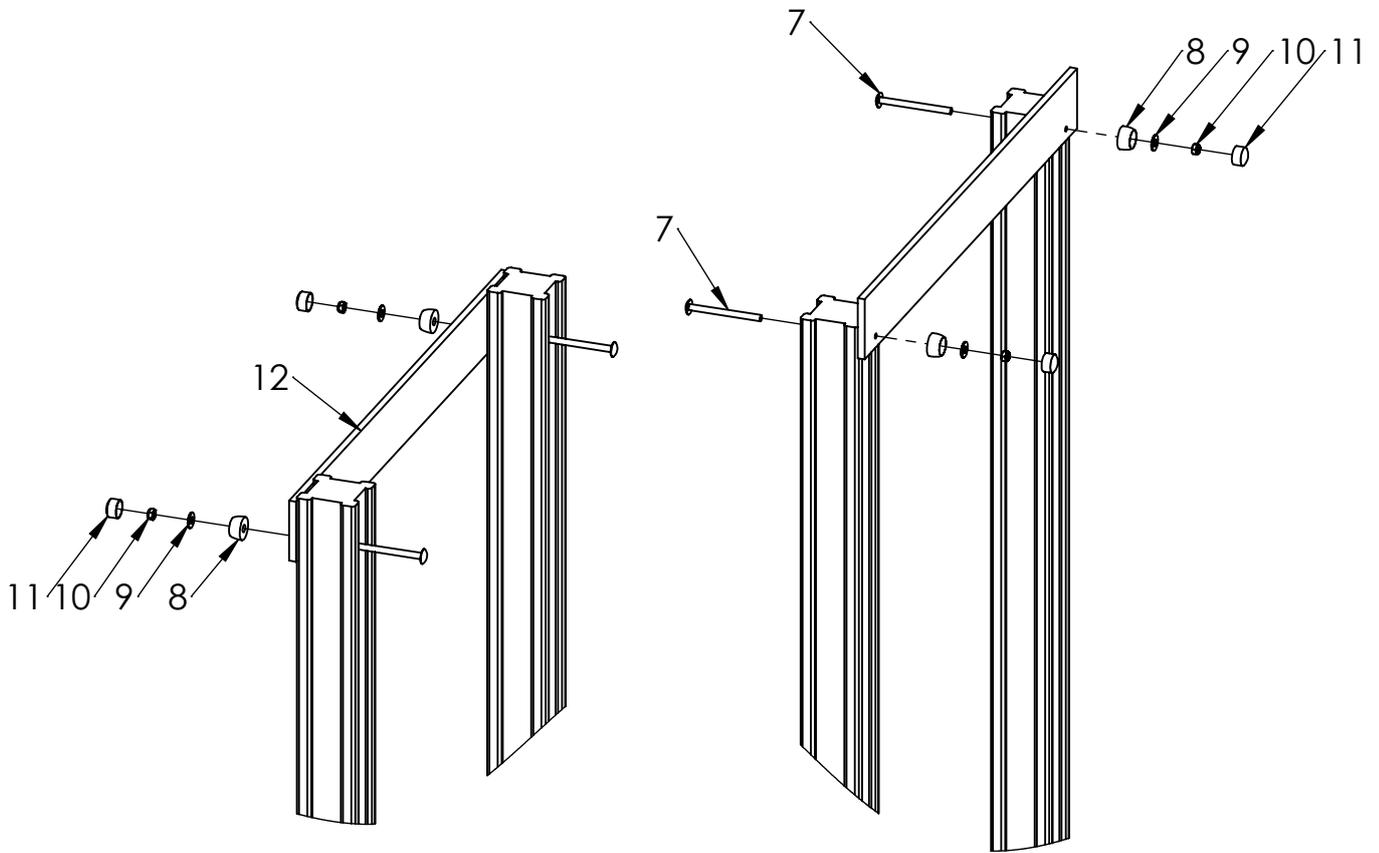
PART NUMBER / DWG NO.:  
**LM228**

DESCRIPTION:  
**Play centre Frederik  
Assembling climbing pole**

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

MATERIAL: wood, metal, plastic	A4
WEIGHT:	SCALE: 1:20
SHEET 27 OF 33	

# Step 1



ITEM NO.	PART NUMBER
12	panel 100x948
7	bolt DIN603 M10x120
8	nut cover M12
9	Washer M10 DIN9054
10	nut DIN985 M10
11	nut cover cap M12

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Assembling roof

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

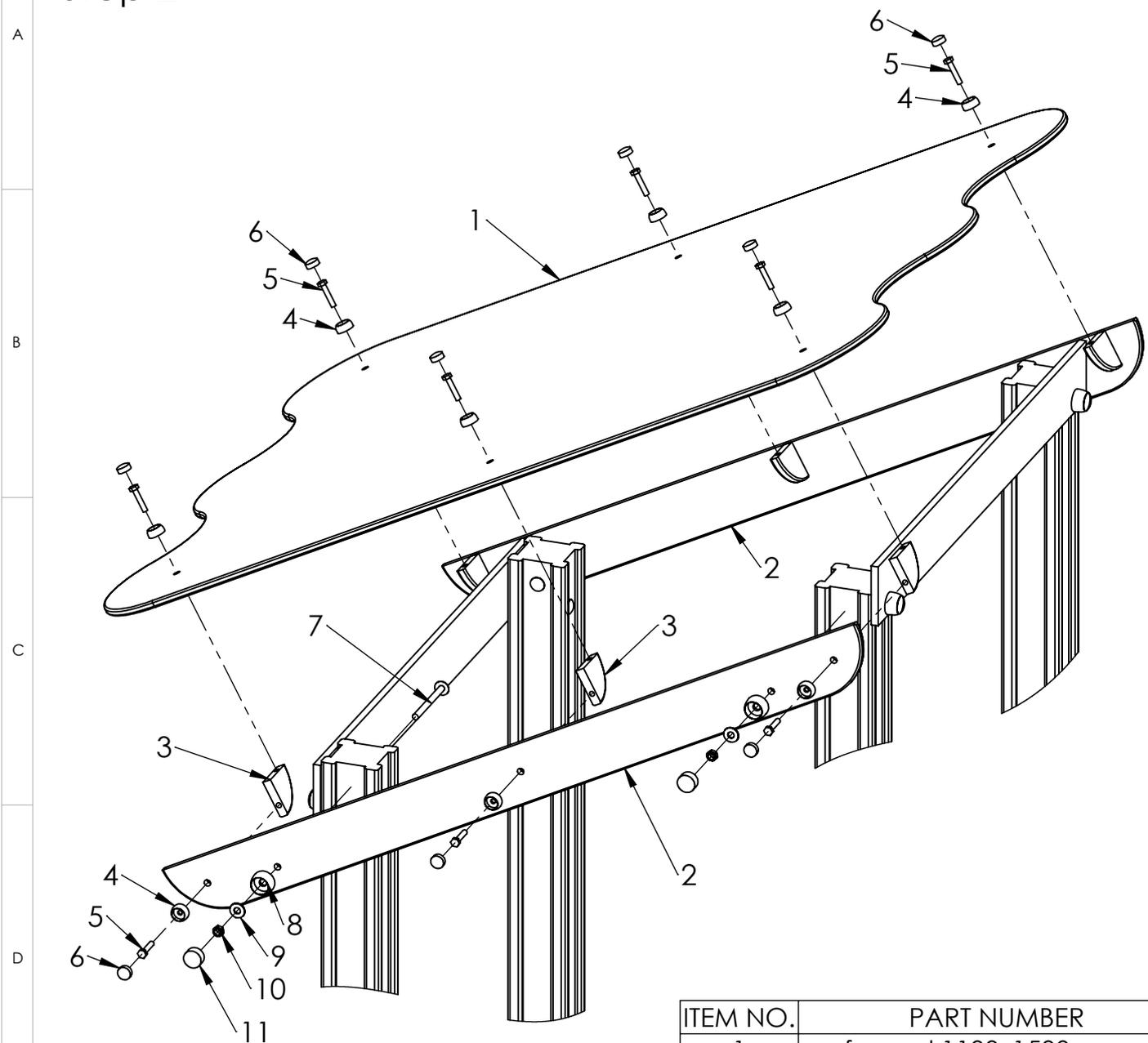
SHEET 28 OF 33



**Tiptiptap** OÜ

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

# Step 2



ITEM NO.	PART NUMBER
1	roof panel 1100x1500
2	panel 100x1350
3	Plastic corner 90°
4	nut cover M8
5	bolt DIN933 M8x40
6	nut cover cap M8
7	bolt DIN603 M10x120
8	nut cover M12
9	Washer M10 DIN9054
10	nut DIN985 M10
11	nut cover cap M12

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Assembling roof

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 29 OF 33



**Tiptaptap** OÜ

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

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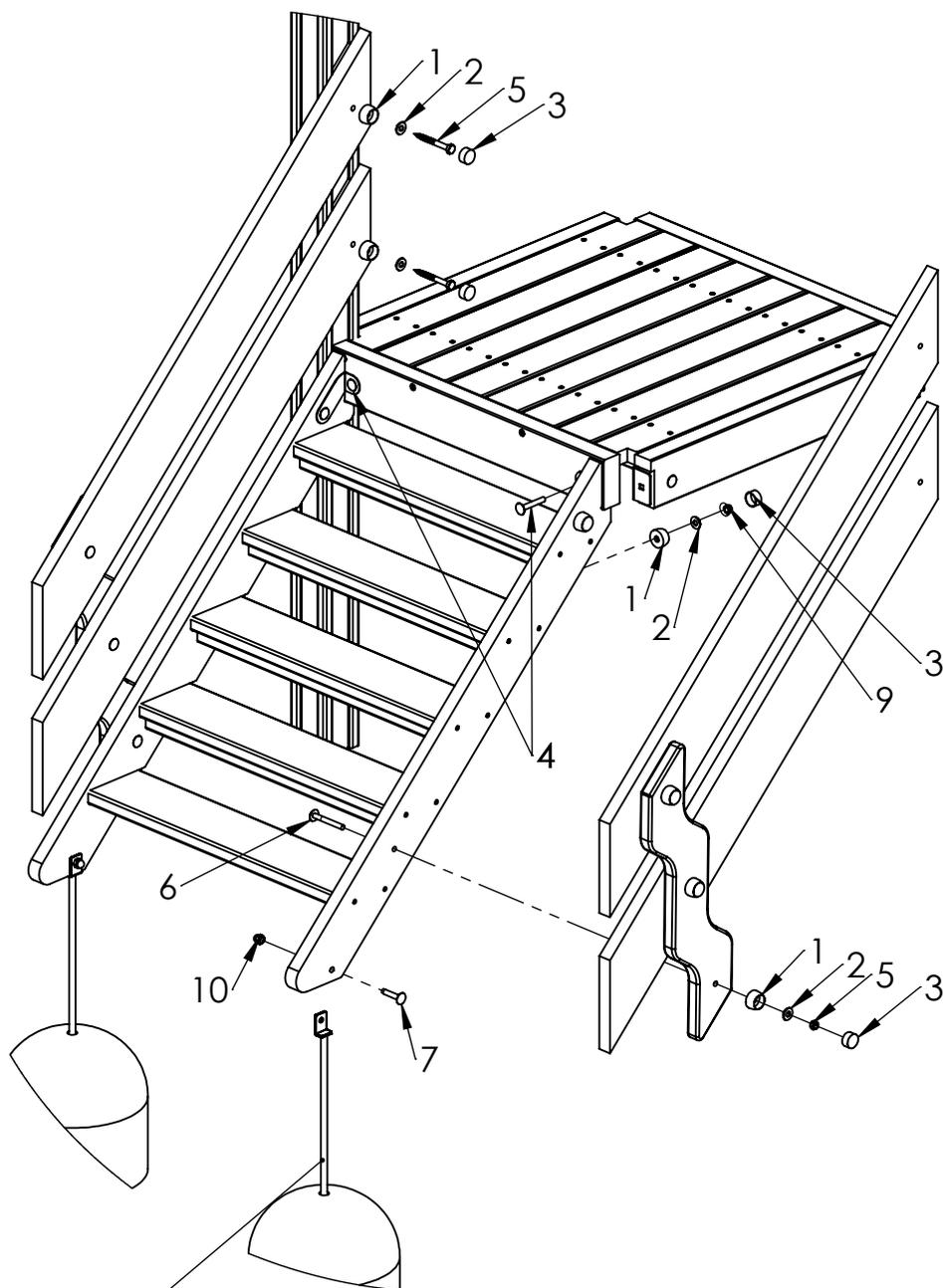
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L-ground fixing

ITEM NO.	PART NUMBER
1	nut cover M12
2	Washer M10 DIN9054
3	nut cover cap M12
4	bolt DIN603 M10x65
5	wood screw DIN571 10x100
6	bolt DIN603 M10x80
7	bolt DIN603 M10x45
8	domed cap nut DIN986 M10
9	nut DIN985 M10

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

PART NUMBER / DWG NO.:

LM228

DESCRIPTION:

Play centre Frederik

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

SHEET 30 OF 33



**Tiptaptap** OÜ

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

MF version!

A

Gap filling

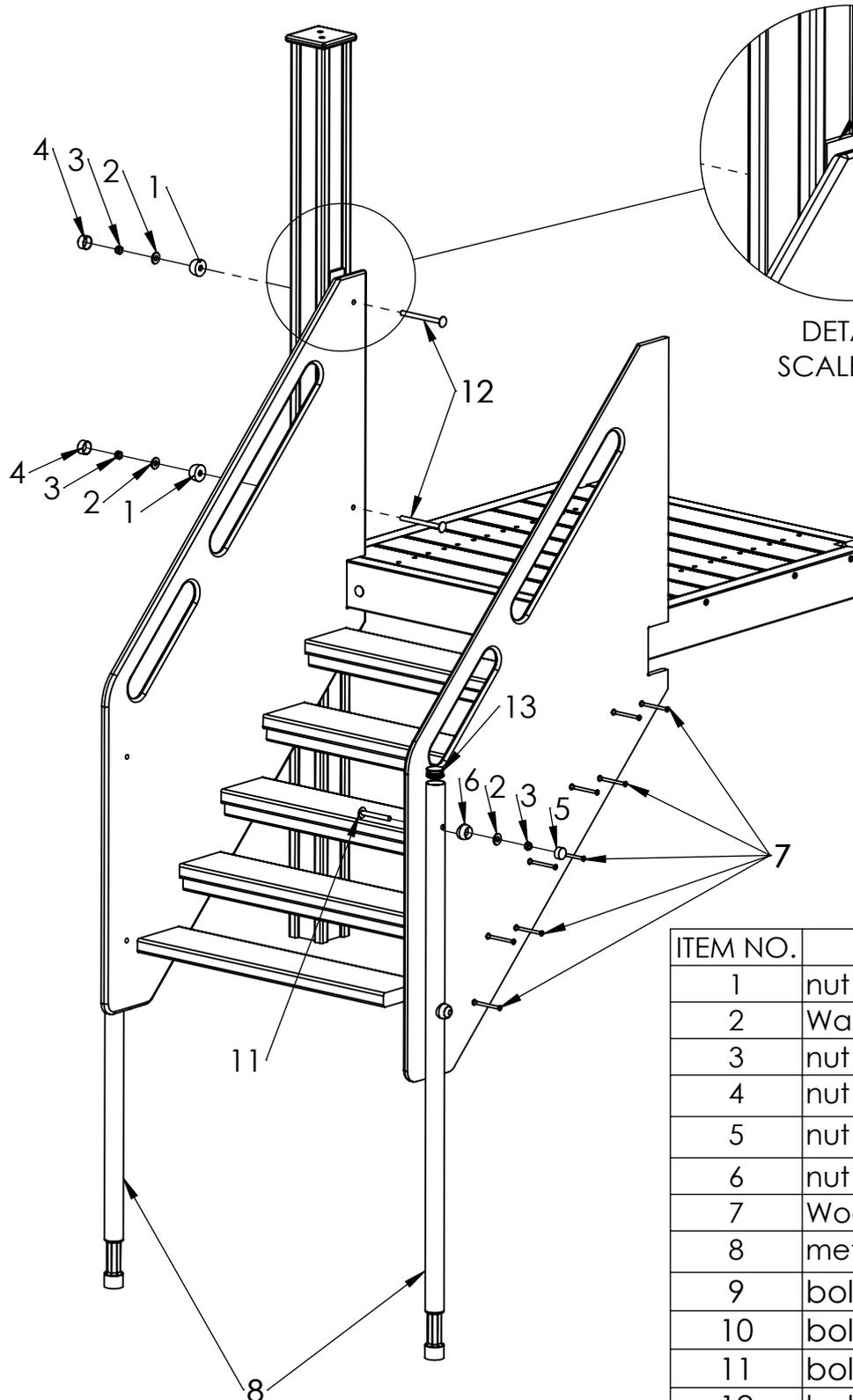
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ITEM NO.	PART NUMBER
1	nut cover M12
2	Washer M10 DIN9054
3	nut DIN985 M10
4	nut cover cap M12
5	nut cover cap M10
6	nut cover for beam M10
7	Woodscrew 6 x 90
8	metal ground fixing L_1345
9	bolt DIN603 M10x100
10	bolt DIN603 M10x35
11	bolt DIN603 M10x80
12	bolt DIN603 M10x120
13	plastic cap

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik  
Connecting stairs to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

SHEET 31 OF 33



**Tiptiptap** OÜ

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

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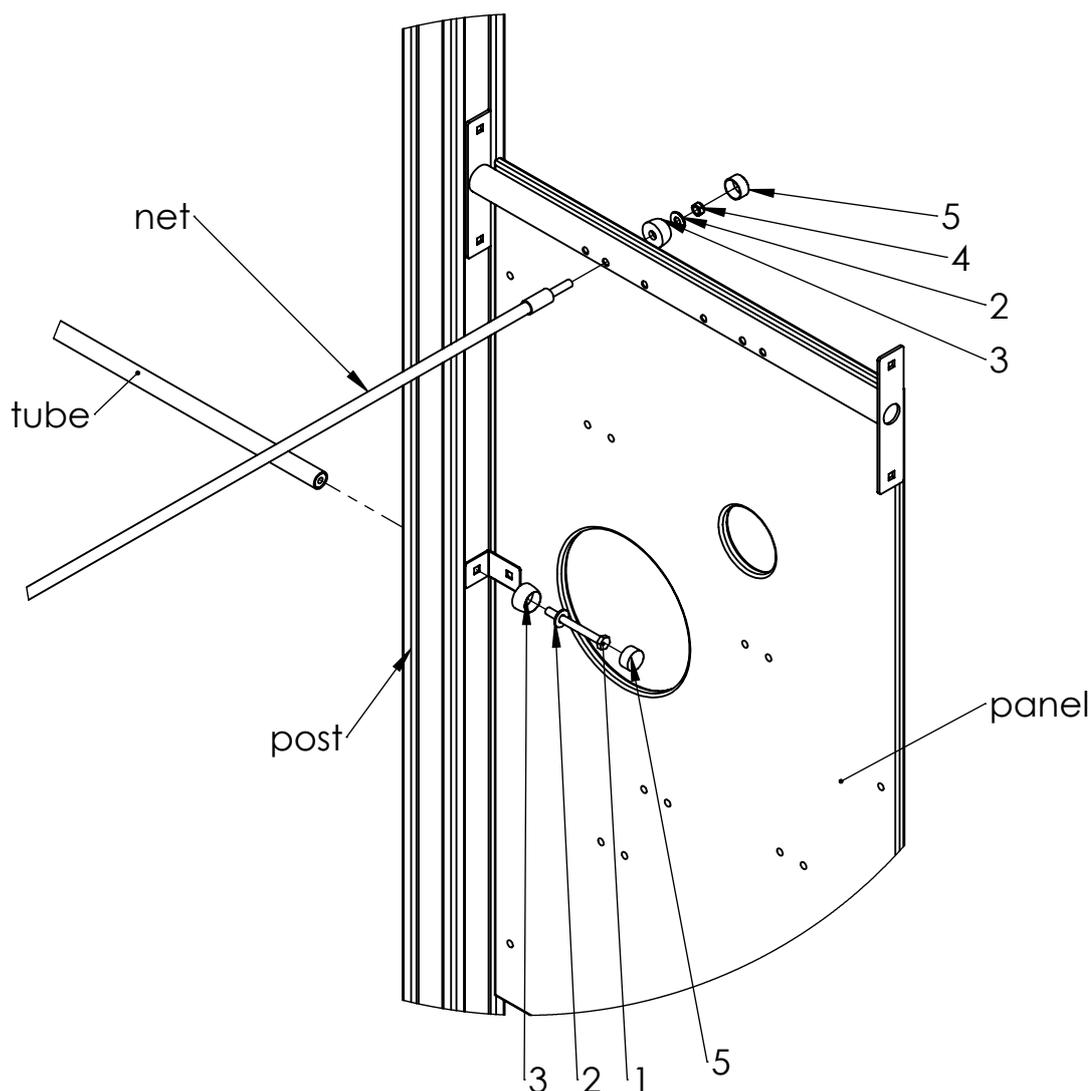
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ITEM NO.	PART NUMBER
1	bolt DIN931 M10x100
2	Washer M10 DIN9054
3	nut cover M12
4	nut DIN985 M10
5	nut cover cap M12

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 32 OF 33



**Tiptaptap** OÜ

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

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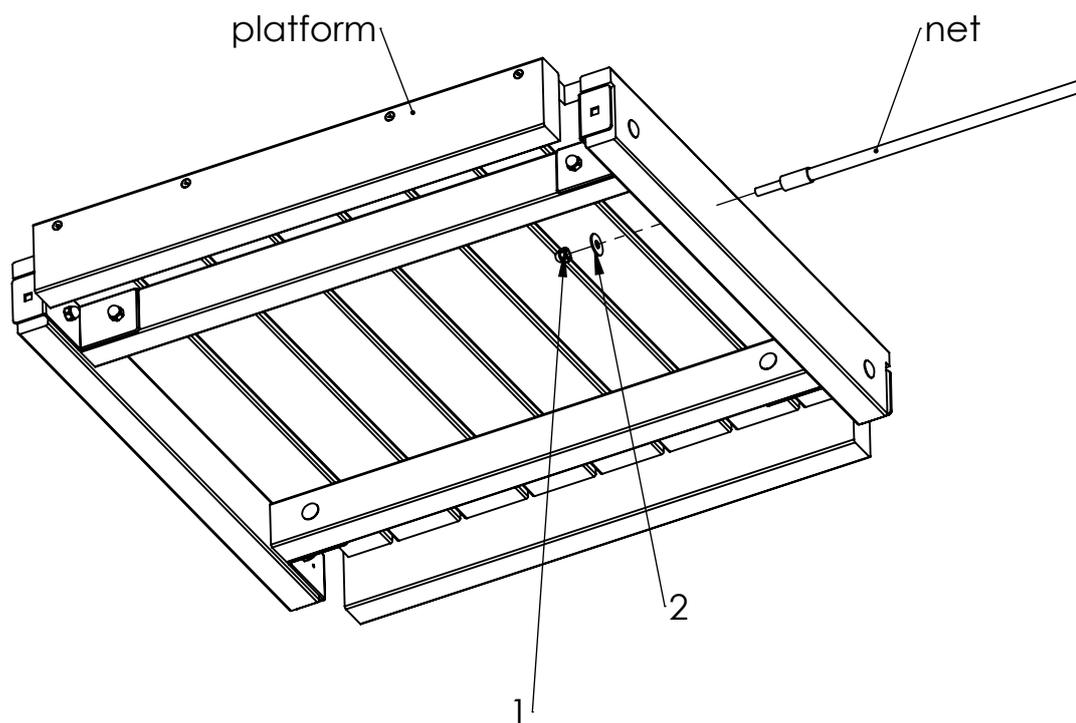
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ITEM NO.	PART NUMBER
1	domed cap nut DIN986 M10
2	washer M10 DIN9021

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

PART NUMBER / DWG NO.:

LM228

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		19.11.2021	
APPV'D				

DESCRIPTION:

Play centre Frederik

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 33 OF 33



**Tiptiptap** OÜ

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