

A

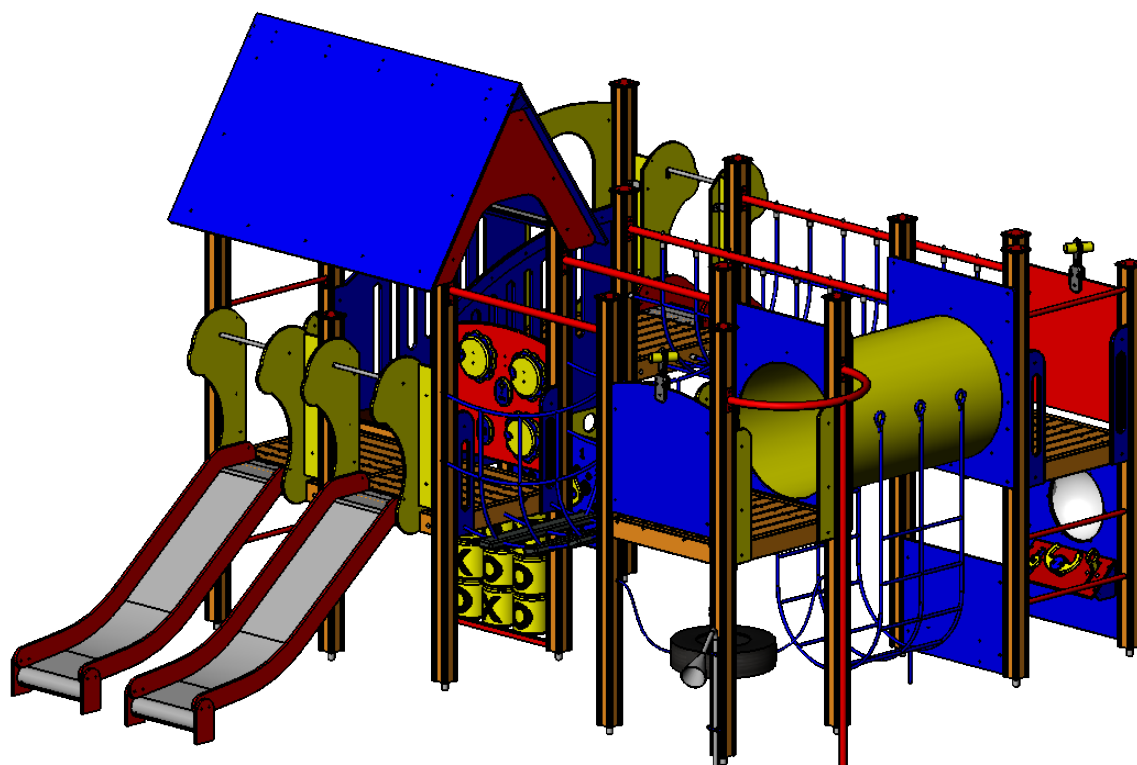
B

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:40

SHEET 1 OF 44



Tiptiptap ⁰⁰

A

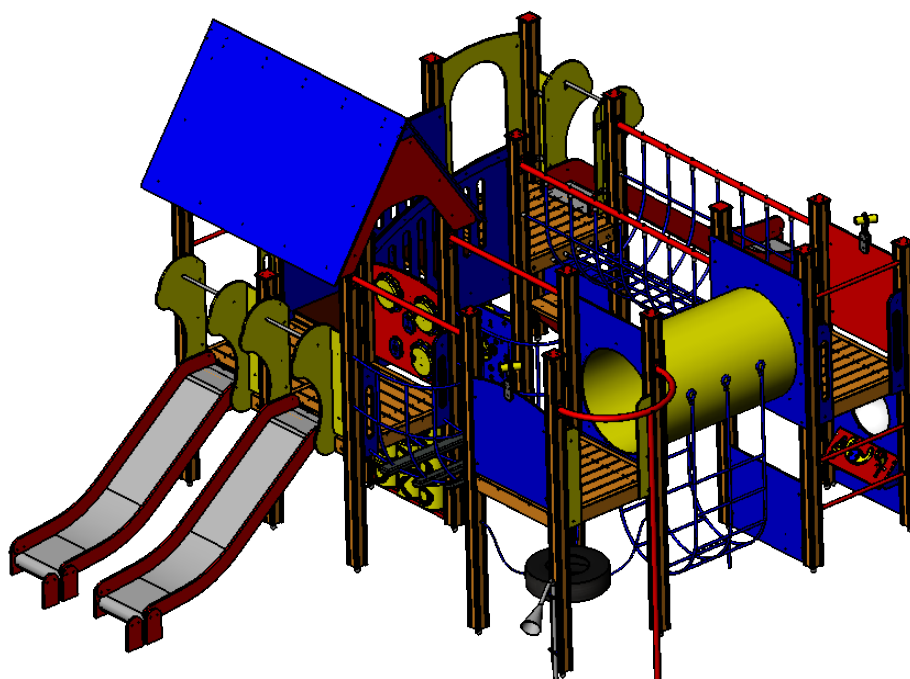
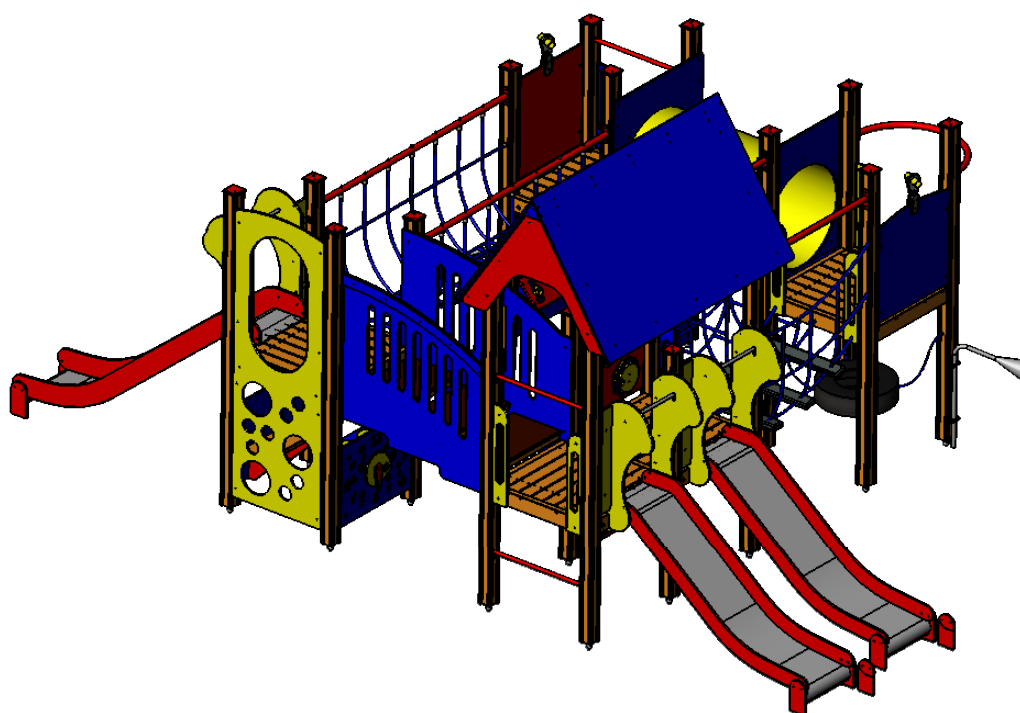
B

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:50

SHEET 2 OF 44



Tiptiptap ⁰⁰

A

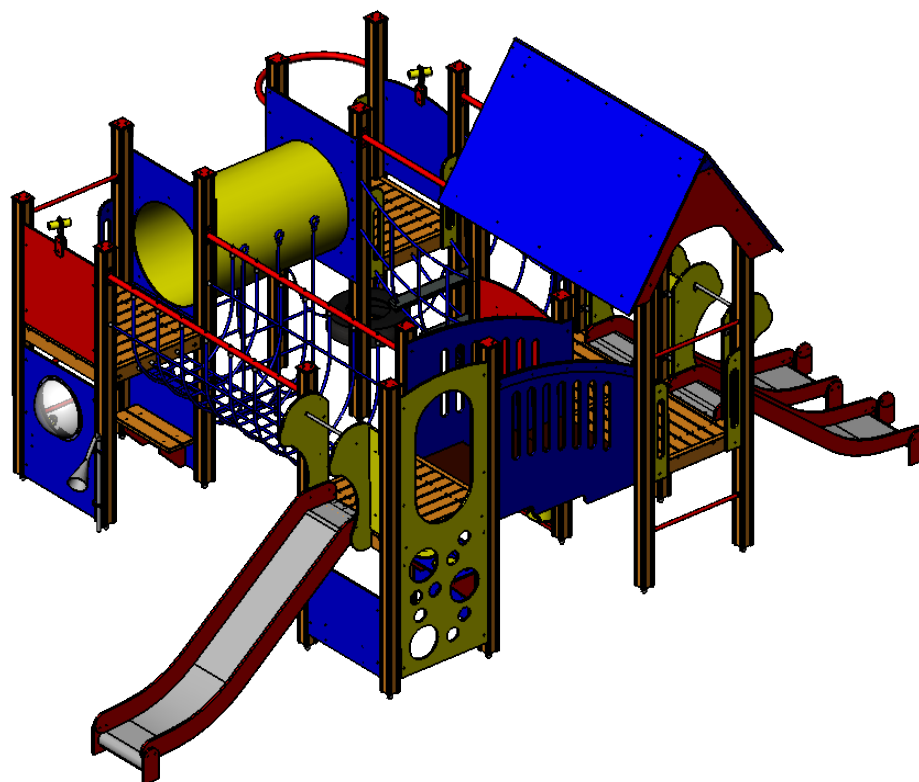
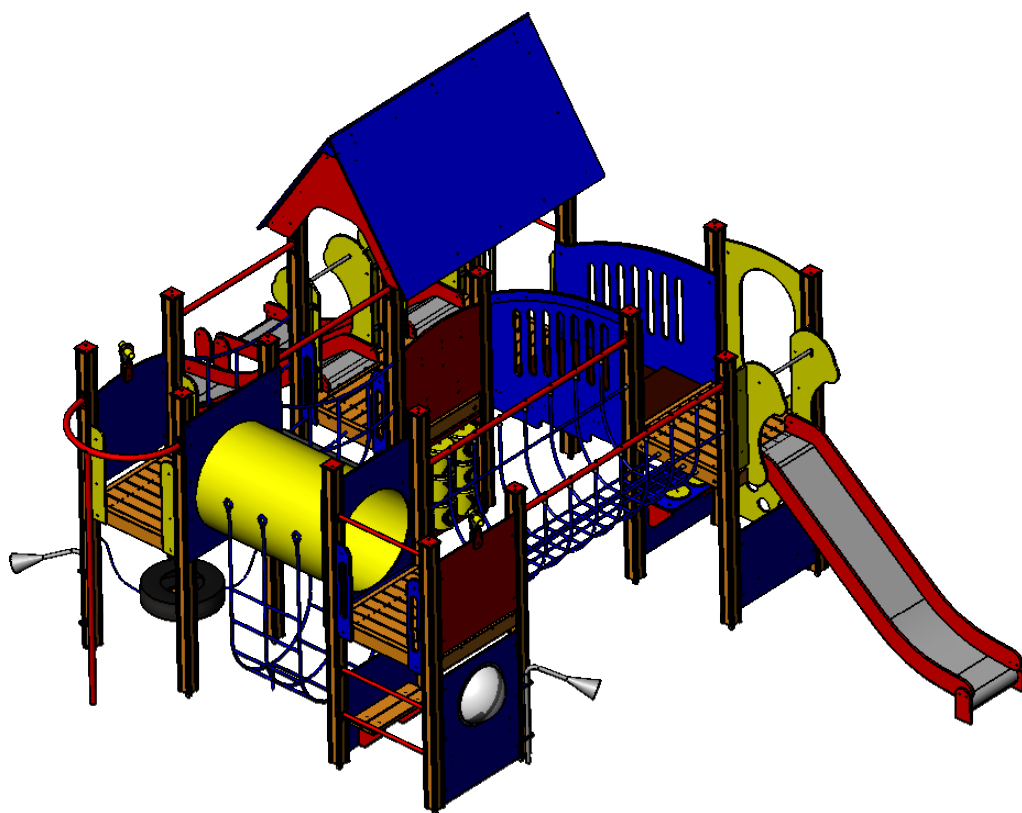
B

C

D

E

F



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

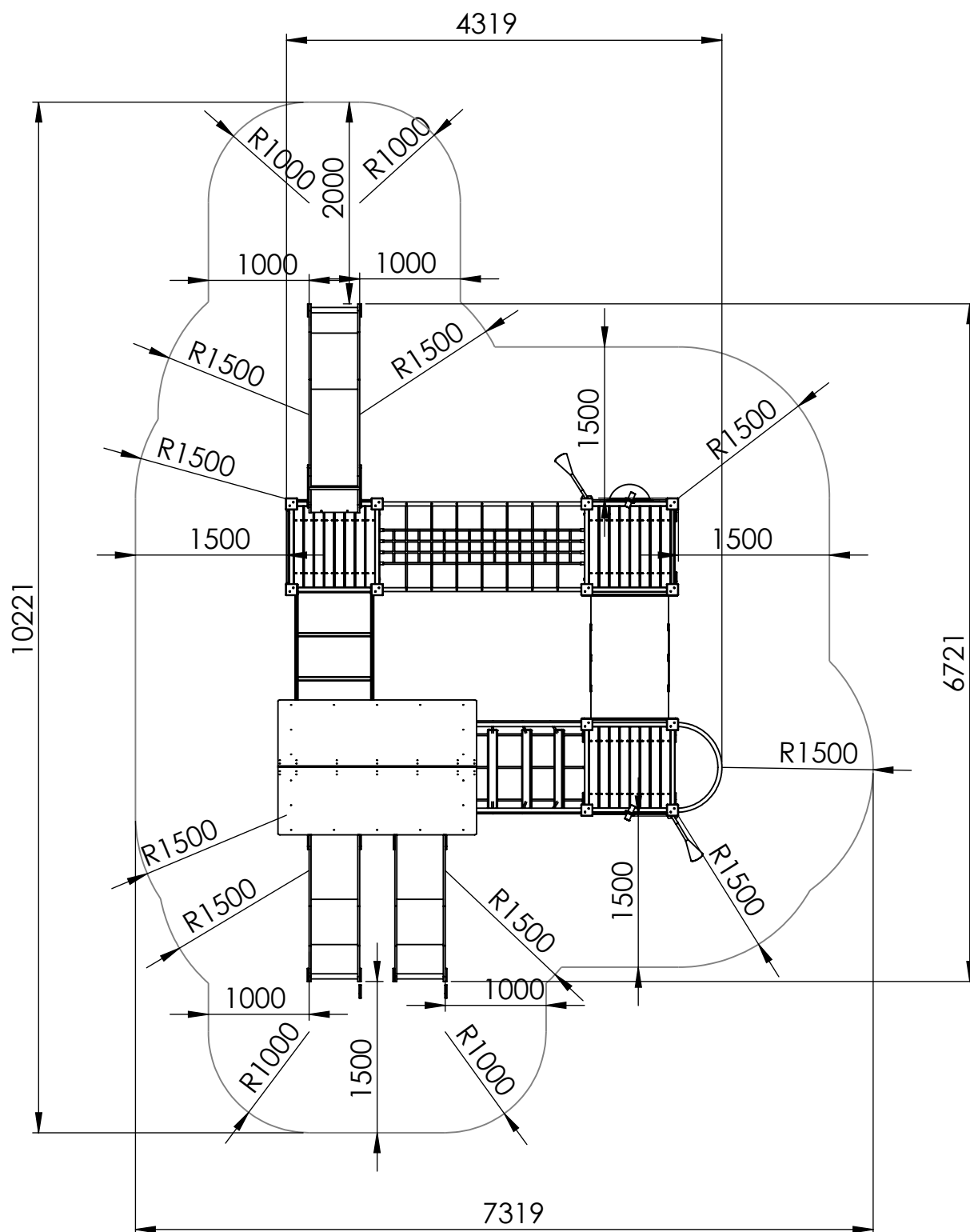
SCALE: 1:50

SHEET 3 OF 44



Tiptiptap ^{OO}

Safety area



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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

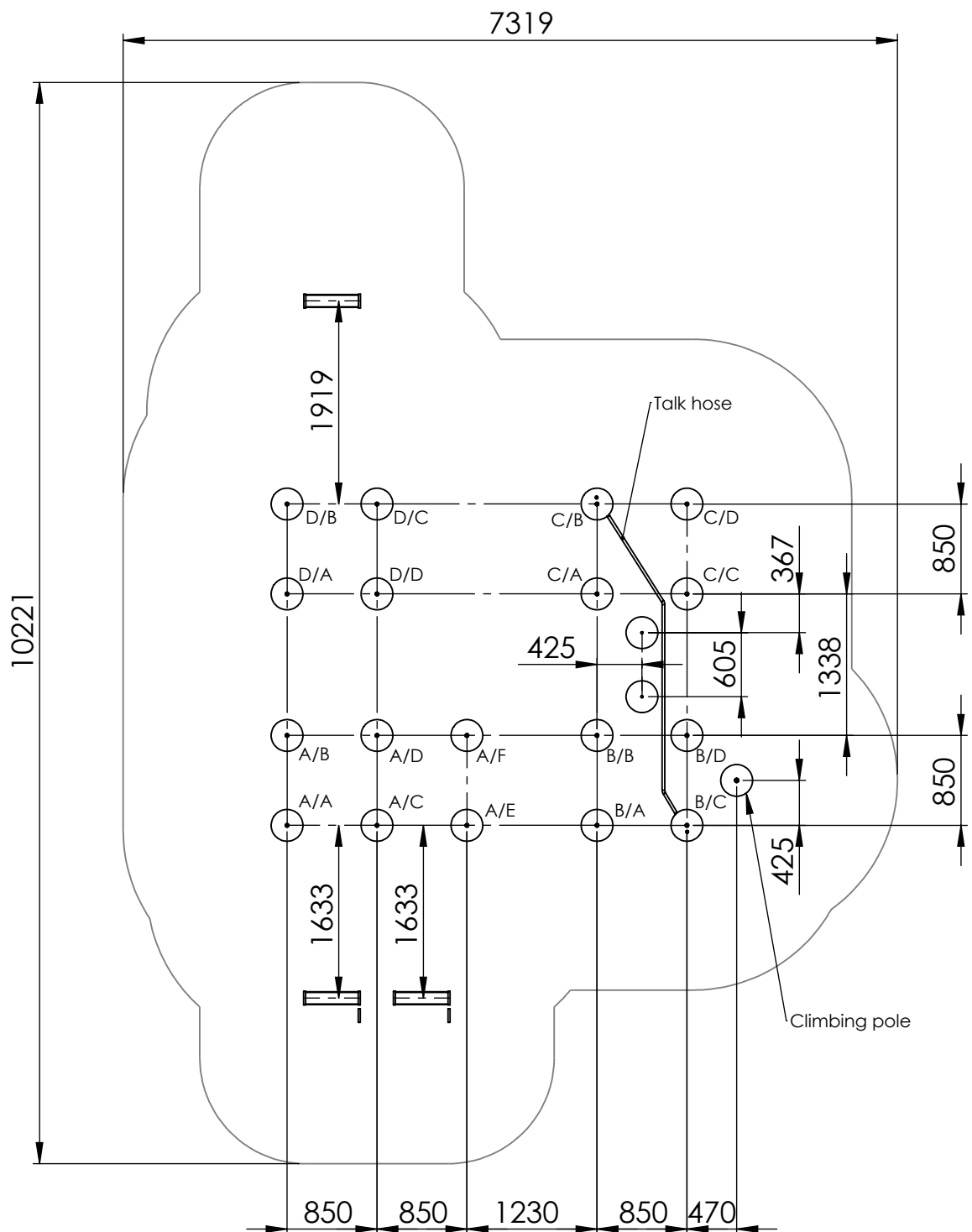
SCALE: 1:60

SHEET 4 OF 44



Tiptiptap^{oü}

Foundation



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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

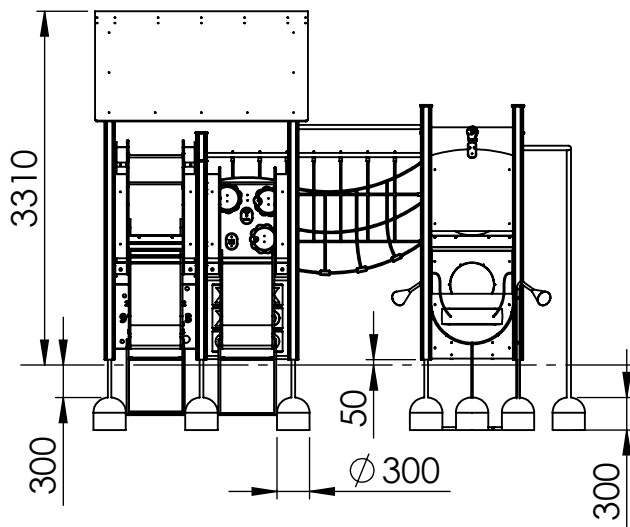
WEIGHT:

SCALE: 1:60

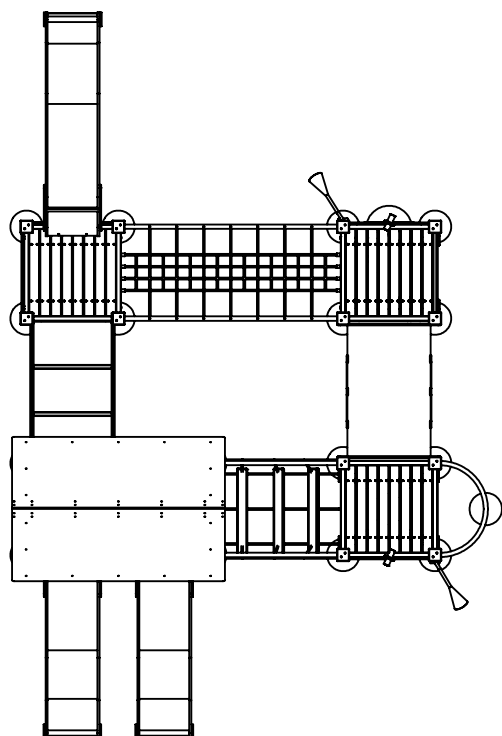
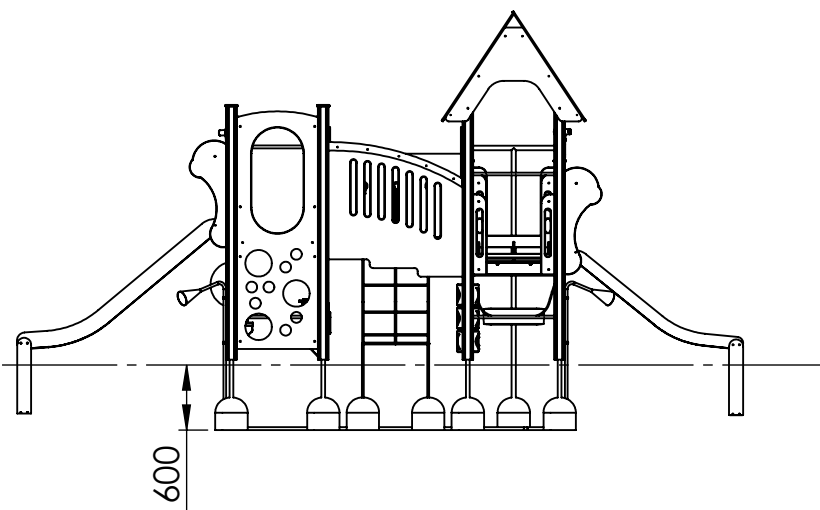
SHEET 5 OF 44



Tiptiptap



Ground



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				



Tiptiptap ^{ÖÜ}

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

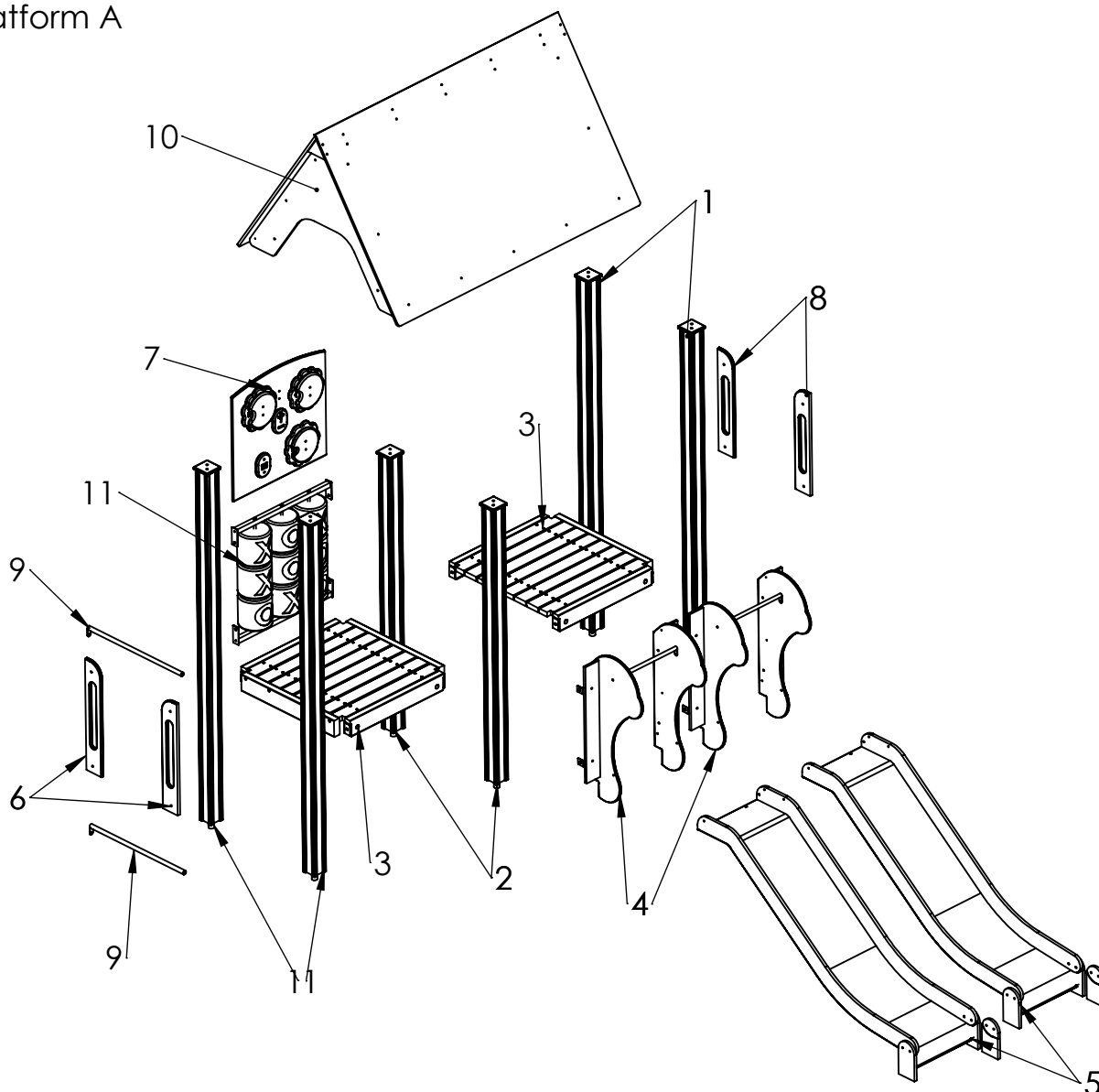
A4

WEIGHT:

SCALE: 1:70

SHEET 6 OF 44

Platform A



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x2350	laminated wood	4
2	post 98x98x1840	laminated wood	2
3	platform	laminated wood, metal	2
4	slide guard block	metal, HDPE plastic	2
5	slide h_950	Stainless steel, HDPE plastic	2
6	LM018 handle bigger	HDPE plastic	2
7	LM018 calculation panel	HDPE plastic	1
8	LM018 handle smaller	HDPE plastic	2
9	Tube D25x770	Painted steel	2
10	LM018 Roof	HDPE plastic	1
11	OXO spinner	painting steel, plastic	1

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:40

SHEET 7 OF 44



Tiptaptap OÜ

Tiptaptap OÜ
Veetorni 9,
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75301 Harjumaa

1

2

3

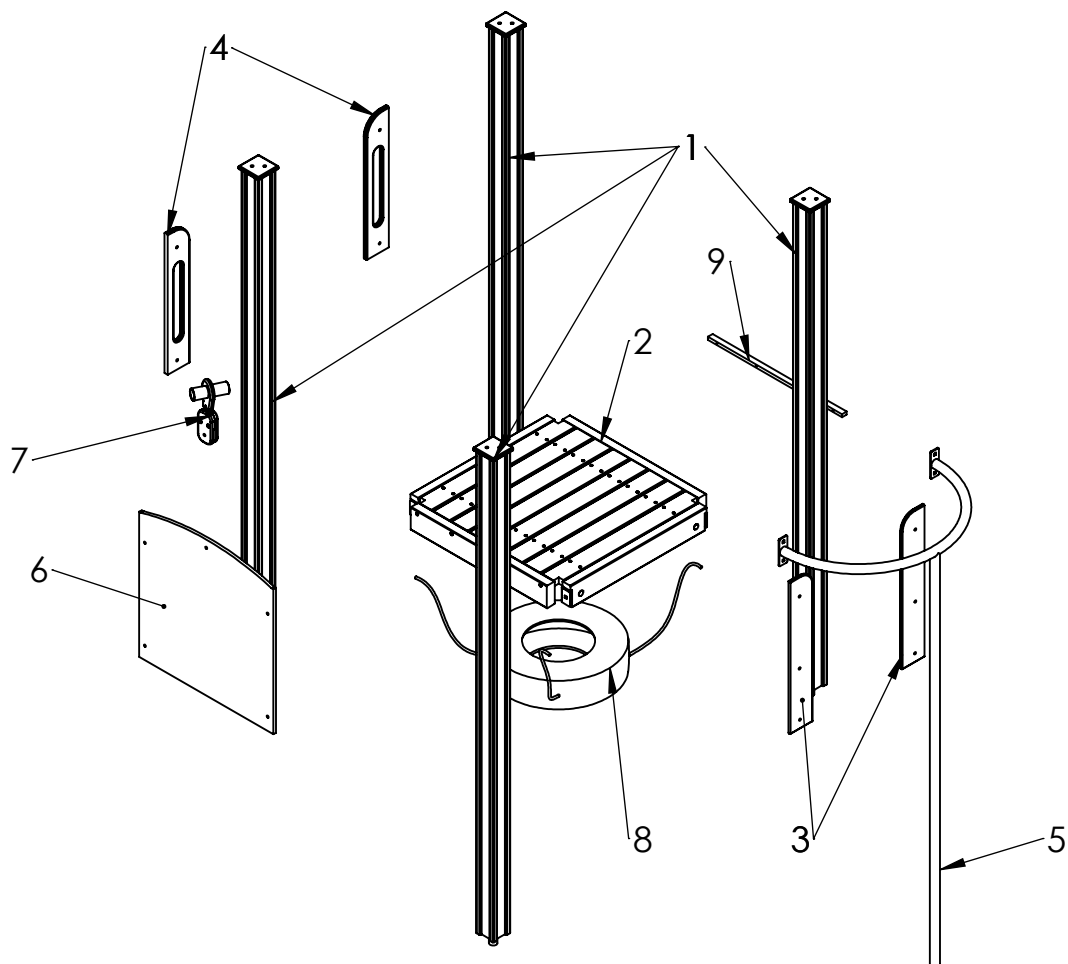
4

Platform B

A

B

C



D

E

F

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x2350	laminated wood	4
2	platform	laminated wood, metal	1
3	LM018 climbing pole side panel	HDPE plastic	2
4	LM018 handle smaller	HDPE plastic	2
5	Climbing pole for 1200 platform	Painted steel	1
6	Upward curved panel with binoculars, lower hole 70mm	HDPE plastic	1
7	Binoculars 1	HDPE plastic	1
8	Car tire with ropes	PP covered steel wire, rubber	1
9	LM018 plastic slat	HDPE plastic	1

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:30

SHEET 8 OF 44



Tiptiptap OÜ

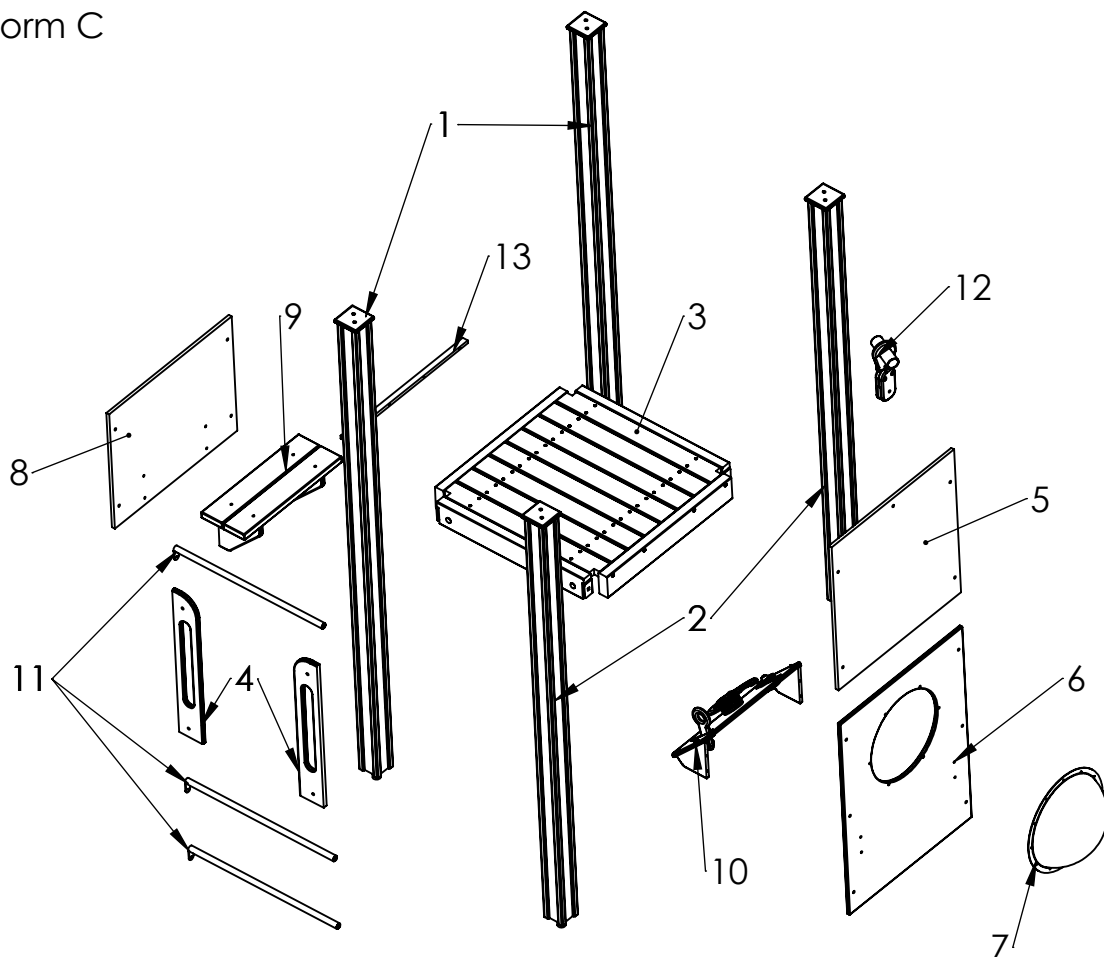
Tiptiptap OÜ
Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa

Platform C

A

B

C



D

E

F

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x2350	laminated wood	2
2	post 98x98x2100	laminated wood	2
3	platform	laminated wood, metal	1
4	LM018 handle bigger	HDPE plastic	2
5	Rectangle panel 750x752 with binoculars, lower hole 100	HDPE plastic	1
6	Panel with illuminator	15 mm plywood	1
7	illuminator D-400	Plastic	1
8	rectangle panel with seat, lower hole 100mm	HDPE plastic	1
9	playcorner-bench	laminated wood, HDPE plastic	1
10	Cockpit	plywood	1
11	Tube D25x770	Painted steel	3
12	Binoculars 1	HDPE plastic	1
13	LM018 plastic slat	HDPE plastic	1

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:30

SHEET 9 OF 44



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Platform D

A

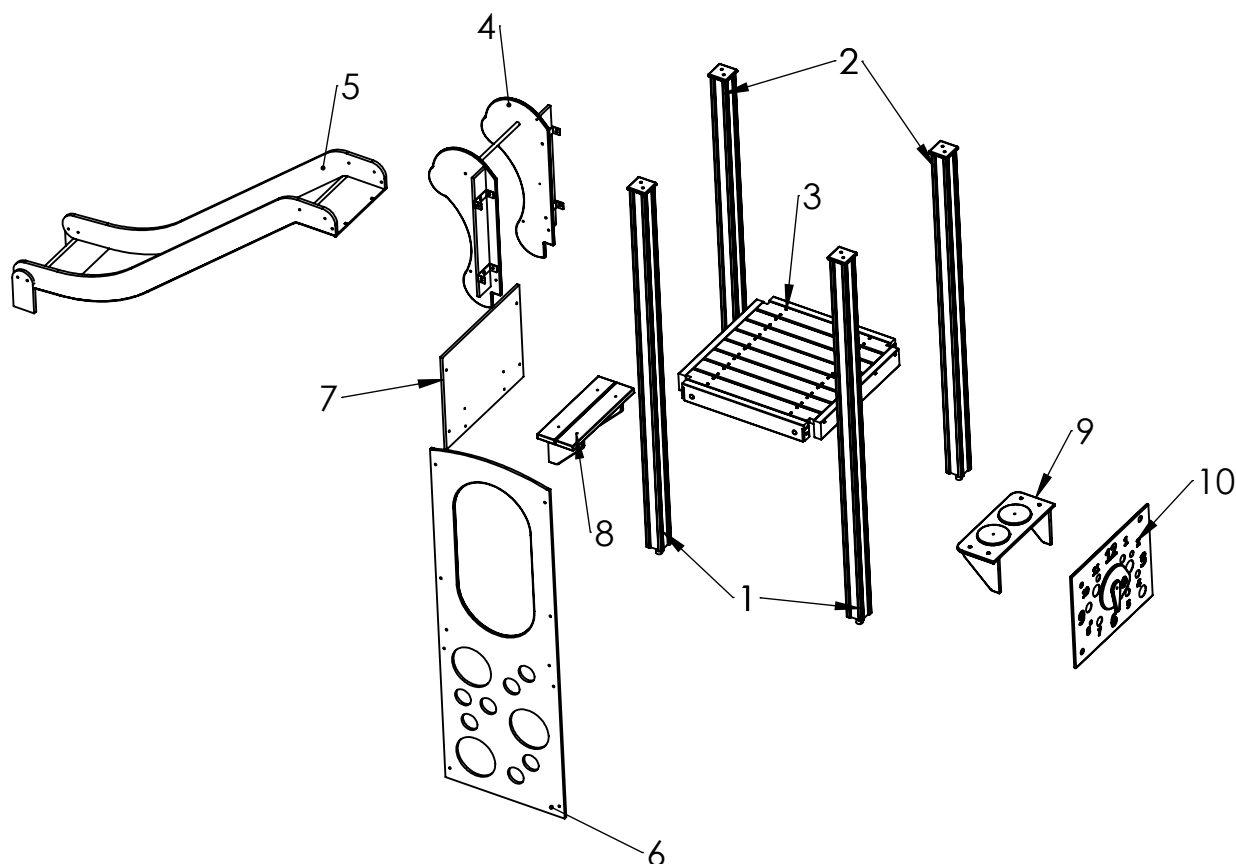
B

C

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E

F



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	post 98x98x2350	laminated wood	2
2	post 98x98x2100	laminated wood	2
3	platform	laminated wood, metal	1
4	slide guard block	metal, HDPE plastic	1
5	slide h_1200	stainless steel, HDPE plastic	1
6	LM018 cheese wall	HDPE plastic	1
7	retangle panel with seat, lower hole 100mm	HDPE plastic	1
8	playcorner-bench	laminated wood, HDPE plastic	1
9	playcorner-kitchen	PE Plastic	1
10	LM018 clock panel	HDPE plastic	1

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

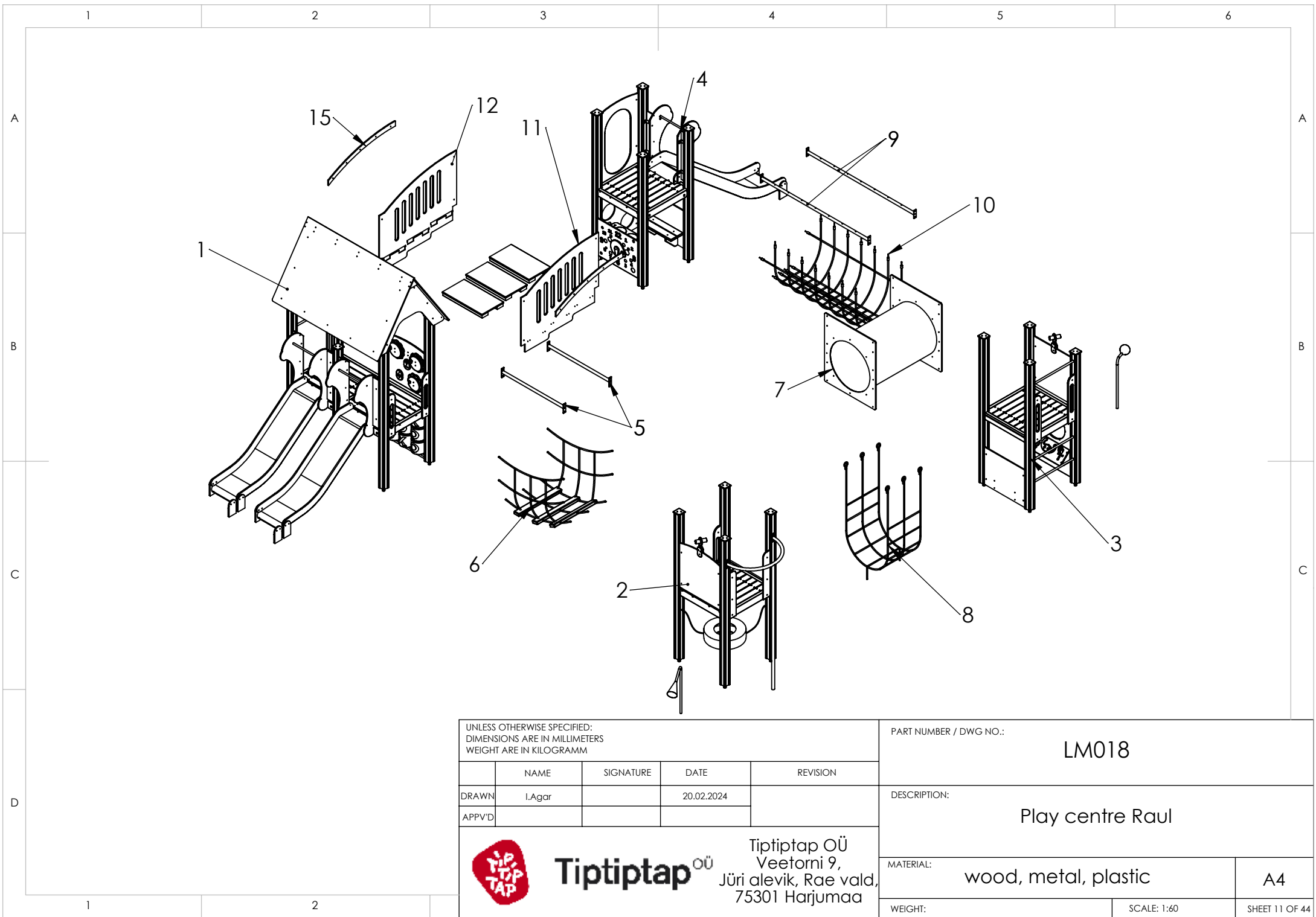
SCALE: 1:40

SHEET 10 OF 44



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Veetorni 9,
Jüri alevik, Rae vald,
75301 Harjumaa



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				



Tiptaptap OÜ

Veetorni 9,
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75301 Harjumaa

PART NUMBER / DWG NO.: LM018	
DESCRIPTION: Play centre Raul	
MATERIAL:	wood, metal, plastic
WEIGHT:	SCALE: 1:60
A4	
SHEET 11 OF 44	

	1	2	3	4
	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
A	1	LM018 platform A		1
	2	LM018 platform B		1
	3	LM018 platform C		1
B	4	LM018 platform D		1
	5	Beam 42.4x1150mm	Painted steel	2
	6	rope bridge with steps	PPcovered steel wire, laminated wood	1
C	7	LM018 plastic tube with panels	HDPE plastic	1
	8	LM018 ropes for plastic tube	PP covered steel wire	1
	9	beam 40x2000, 7 holes	painted steel	2
D	10	LM018 2m bridge	PP covered steel wire	1
	11	LM018 bridge with steps, side panel,right	HDPE plastic	1
	12	LM018 bridge with steps, side panel,left	HDPE plastic	1
E	13	LM018 bridge with steps, step	laminated wood, plywood	3
	14	Talk tube	Stainless steel	2
	15	LM018 bridge with steps, side panel slat	HDPE plastic	2
F	UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS WEIGHT ARE IN KILOGRAMM		PART NUMBER / DWG NO.: LM018	
		NAME	SIGNATURE	DATE
	DRAWN	I.Agar		20.02.2024
	APPV'D			
			REVISION	
			DESCRIPTION: Play centre Raul	
		MATERIAL: wood, metal, plastic		A4
		WEIGHT:		SCALE: 1:60
				SHEET 12 OF 44

A

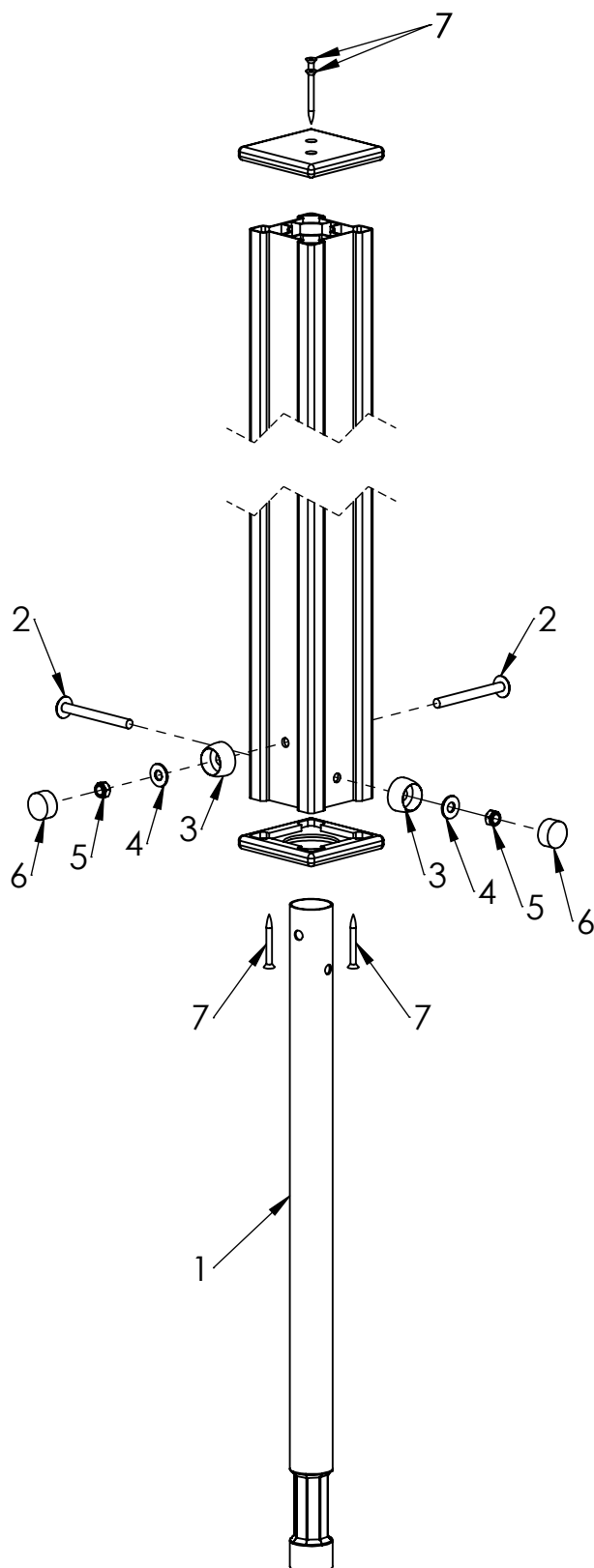
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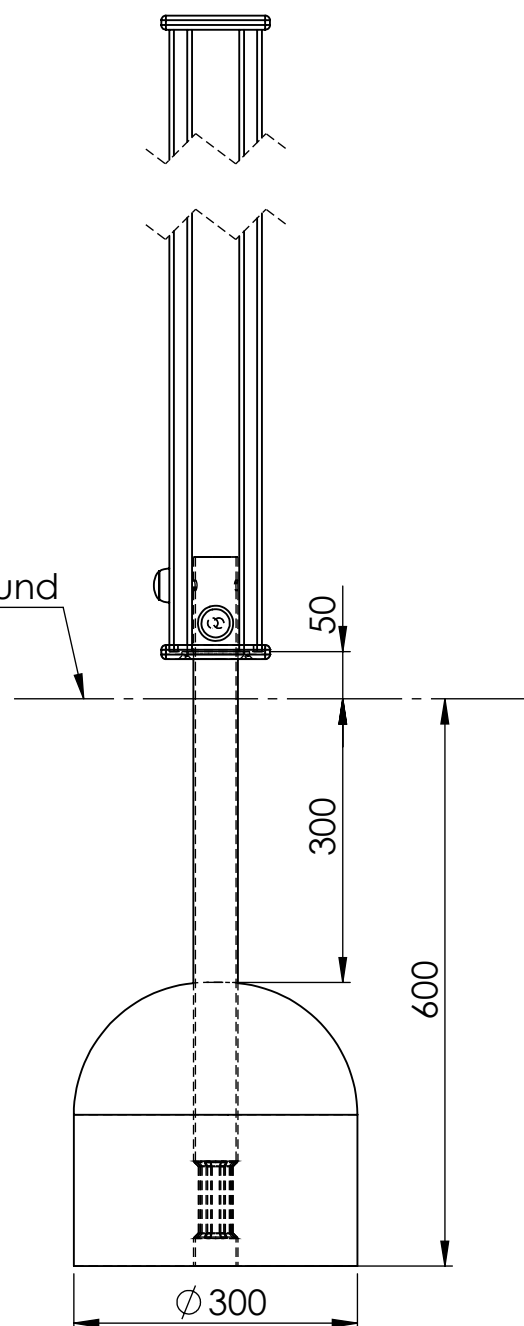
D

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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
connecting metal ground fixing to aluminium post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 13 OF 44



Tiptiptap OÜ

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75301 Harjumaa

A

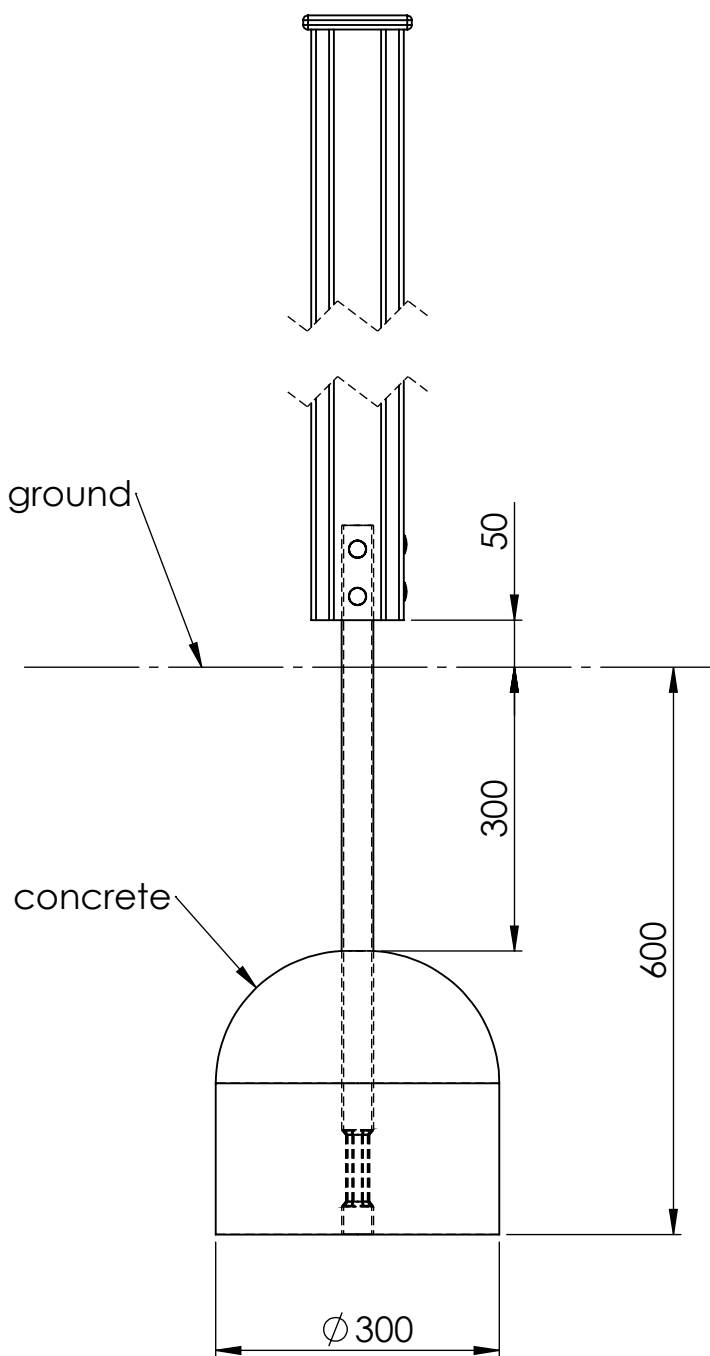
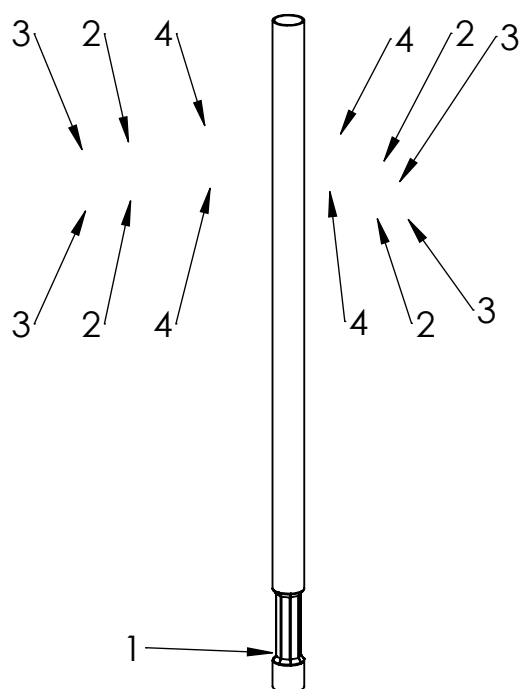
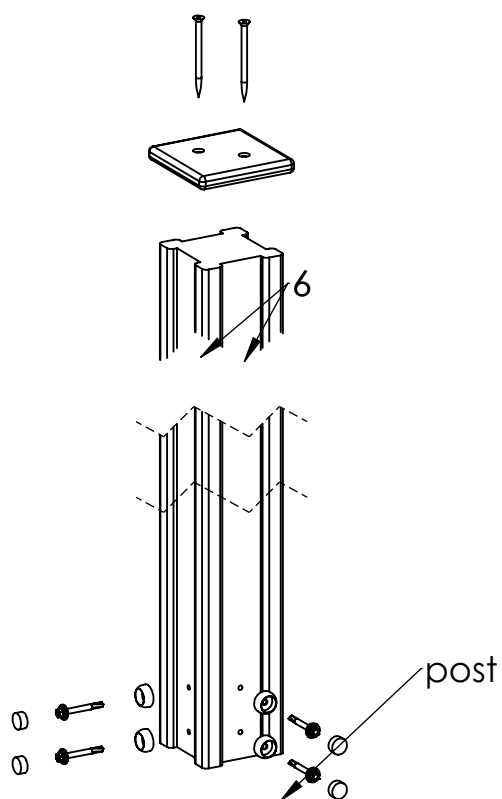
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ITEM NO.	PART NUMBER
1	metal ground fixing L_750
2	screw DIN7504K 5,5x50
3	nut cover cap M6
4	nut cover M6
5	plastic cap 115x115
6	woodscrew 6 x 90

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
connecting metal ground fixing to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 14 OF 44



Tiptiptap OÜ

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A

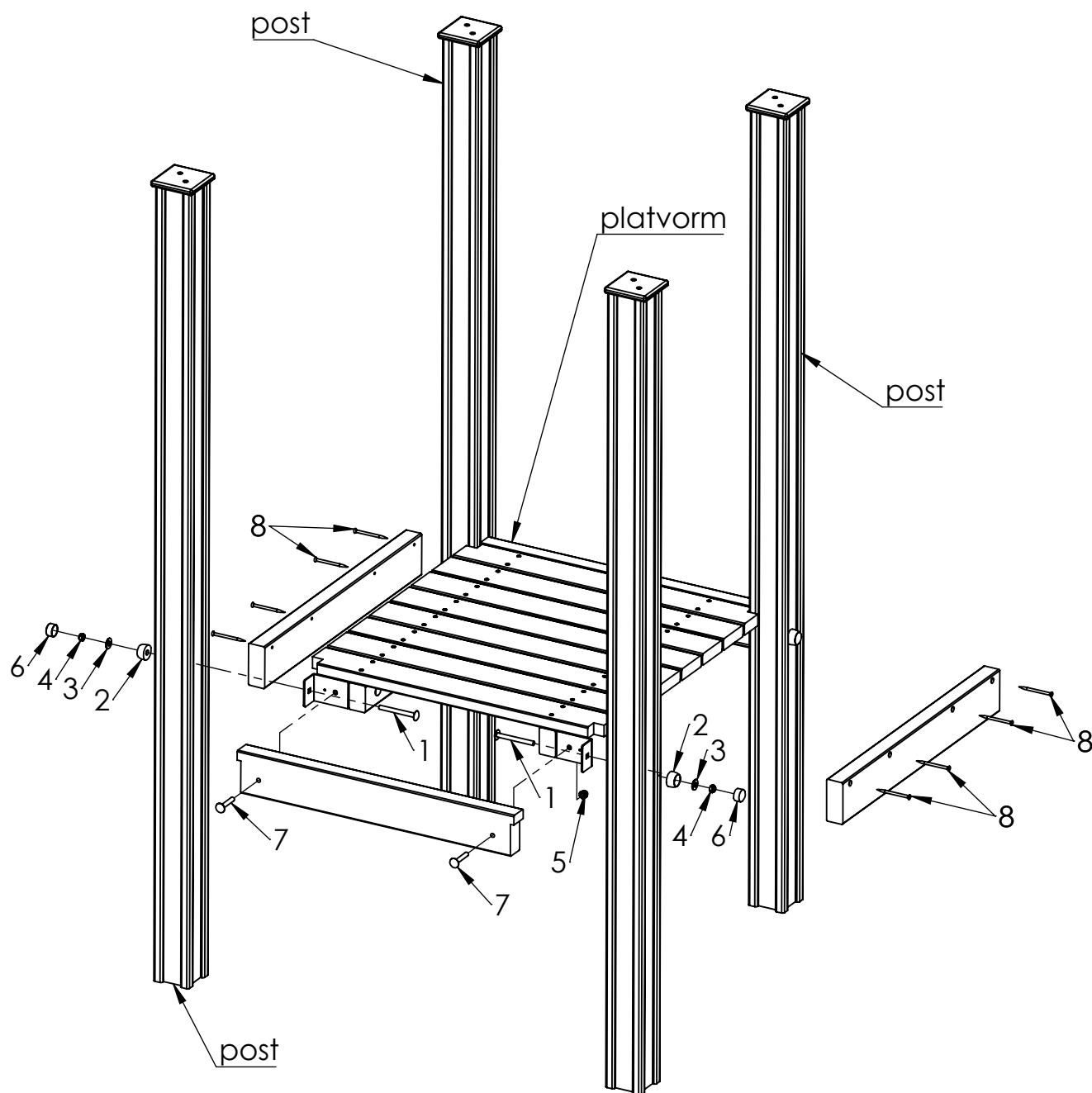
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ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	nut cover M12
3	Washer M10 DIN9054
4	nut DIN985 M10
5	domed cap nut DIN986 M10
6	nut cover cap M12
7	bolt DIN603 M10x60
8	Woodscrew 6 x 90

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting platform to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

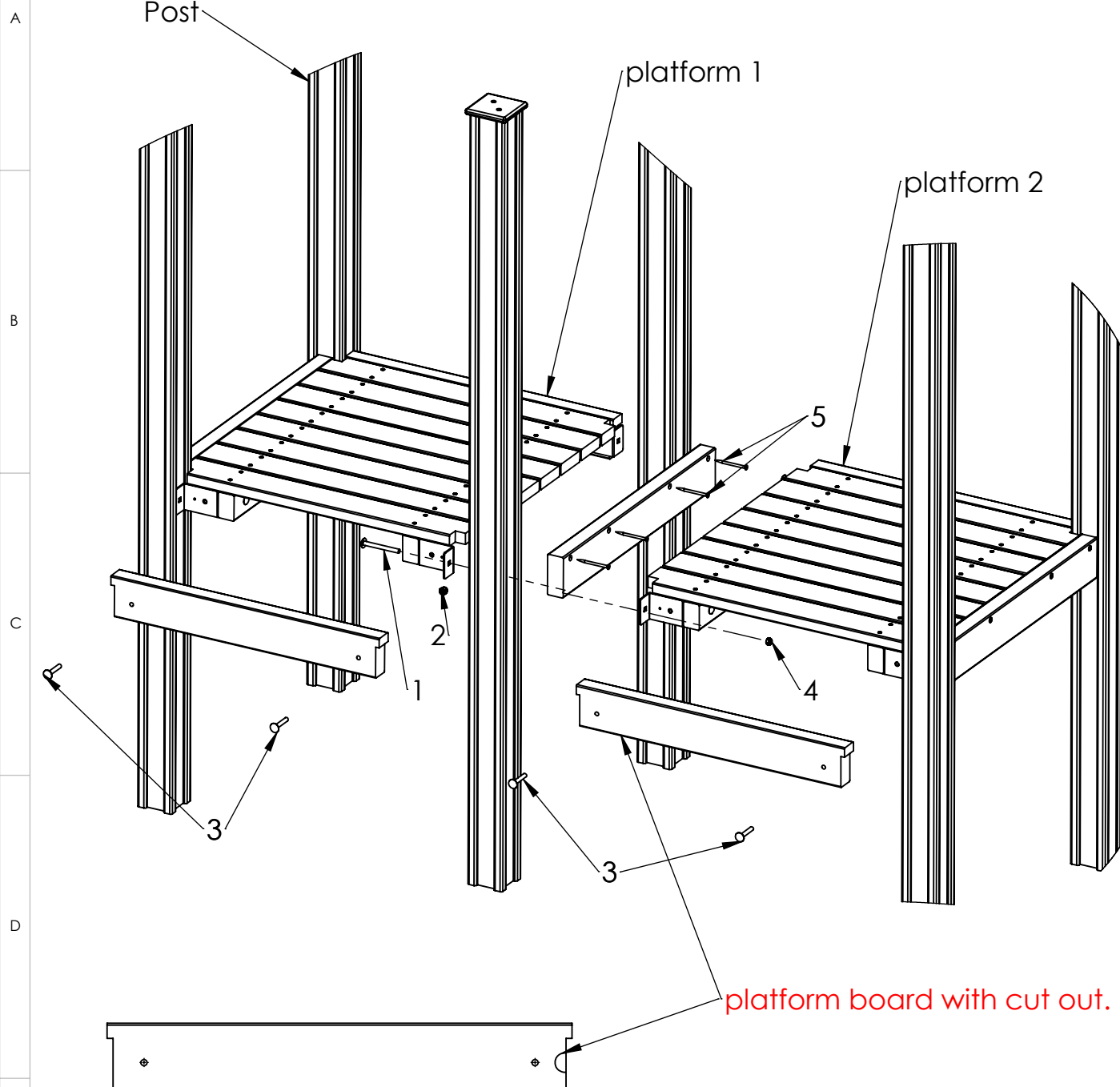
SHEET 15 OF 44



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75301 Harjumaa

Platform A connecting



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting two platforms

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

SHEET 16 OF 44



Tiptiptap OÜ

Tiptiptap OÜ
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75301 Harjumaa

A

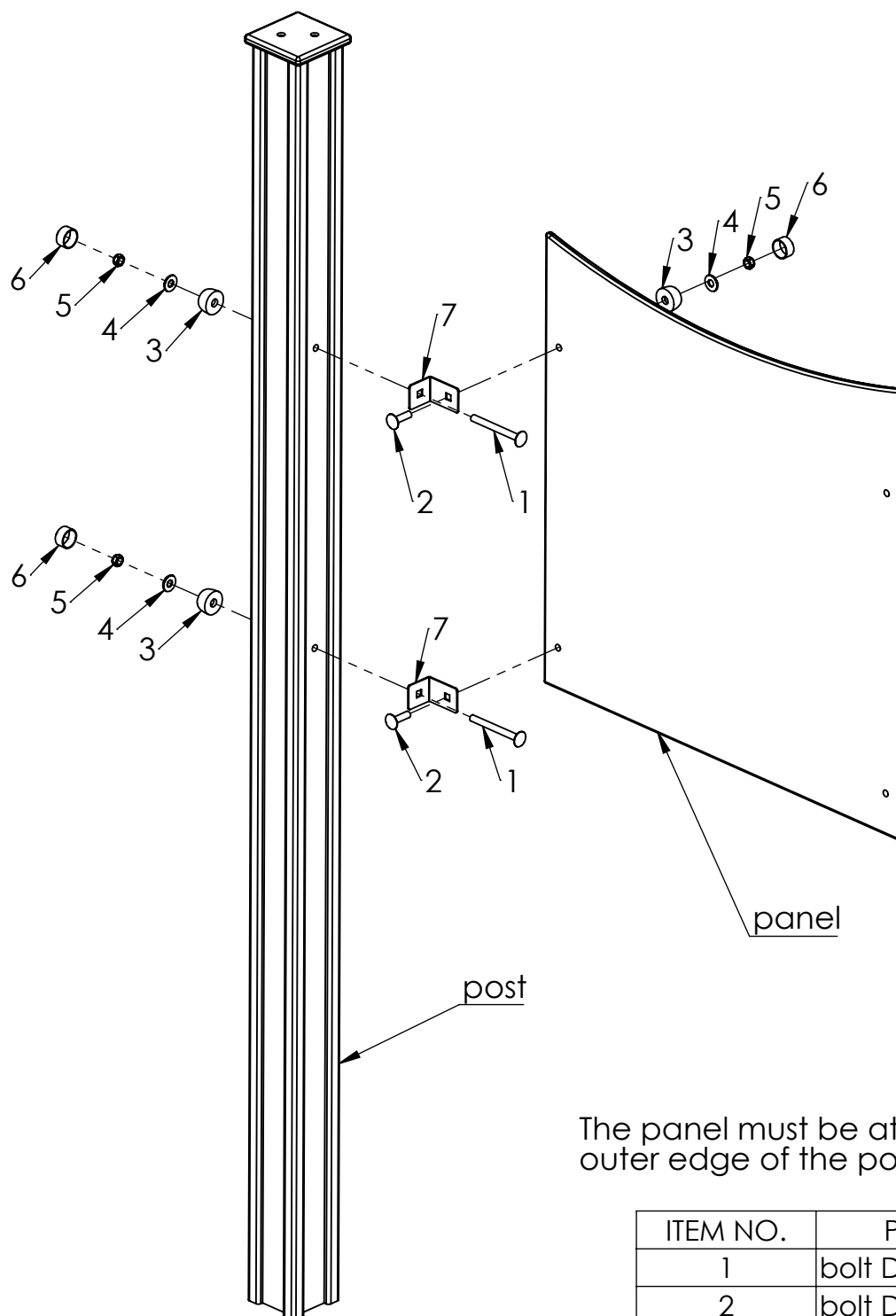
B

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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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
connecting panel to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

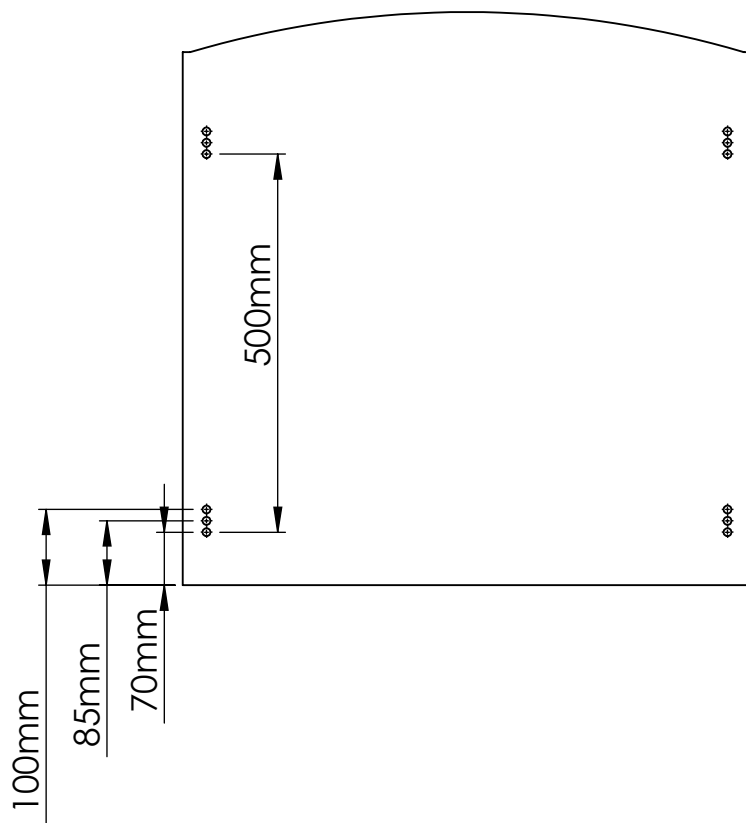
SHEET 17 OF 44



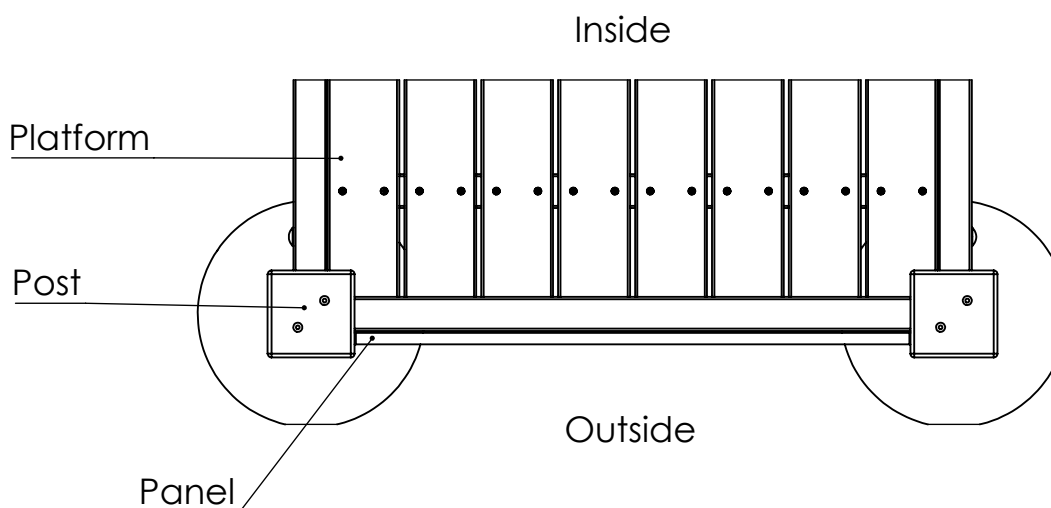
Tiptiptap OÜ

Tiptiptap OÜ
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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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
connecting panel to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 18 OF 44



Tiptiptap OÜ

Tiptiptap OÜ
Veetorni 9,
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75301 Harjumaa

A

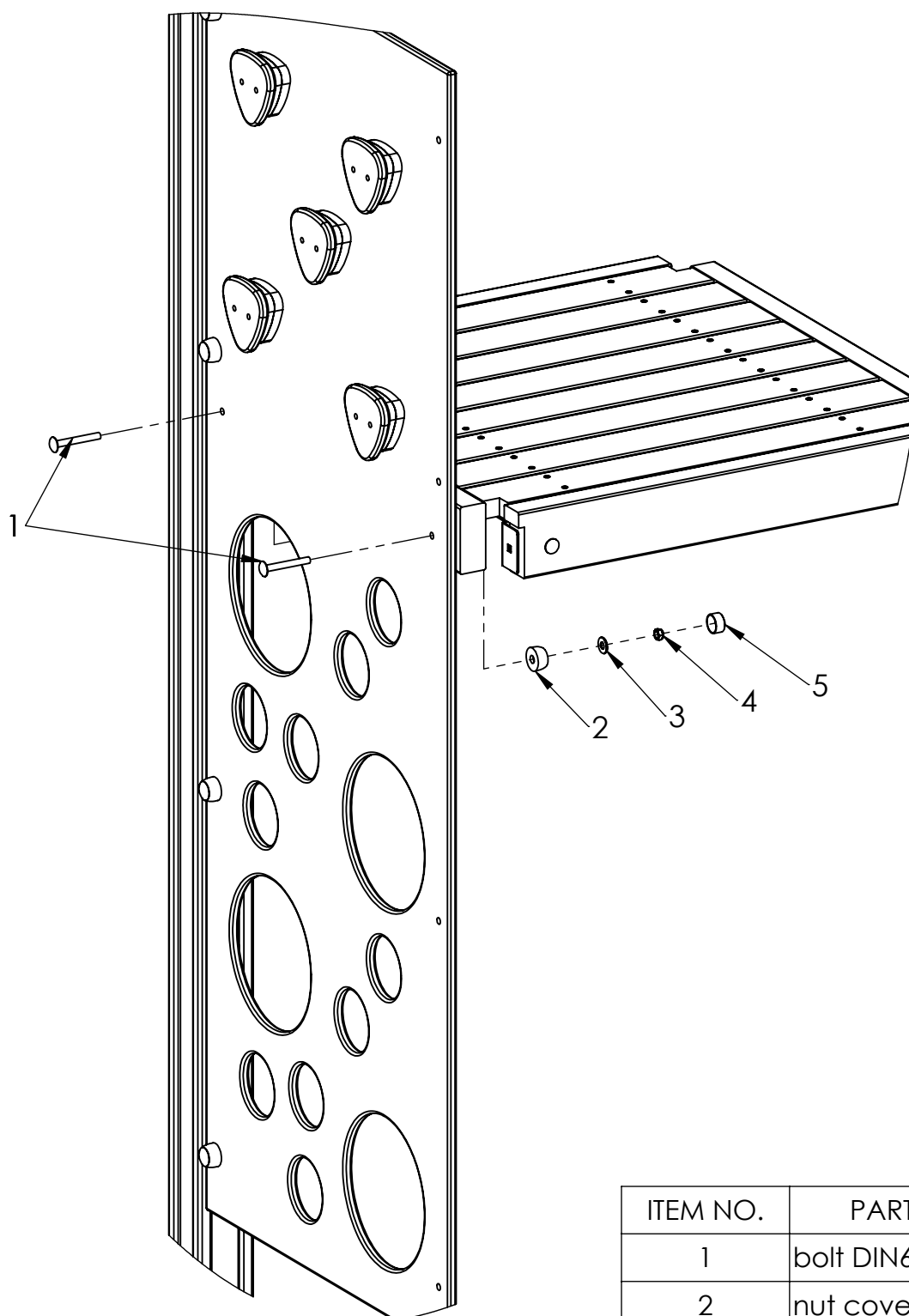
B

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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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 19 OF 44



Tiptiptap OÜ

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

A

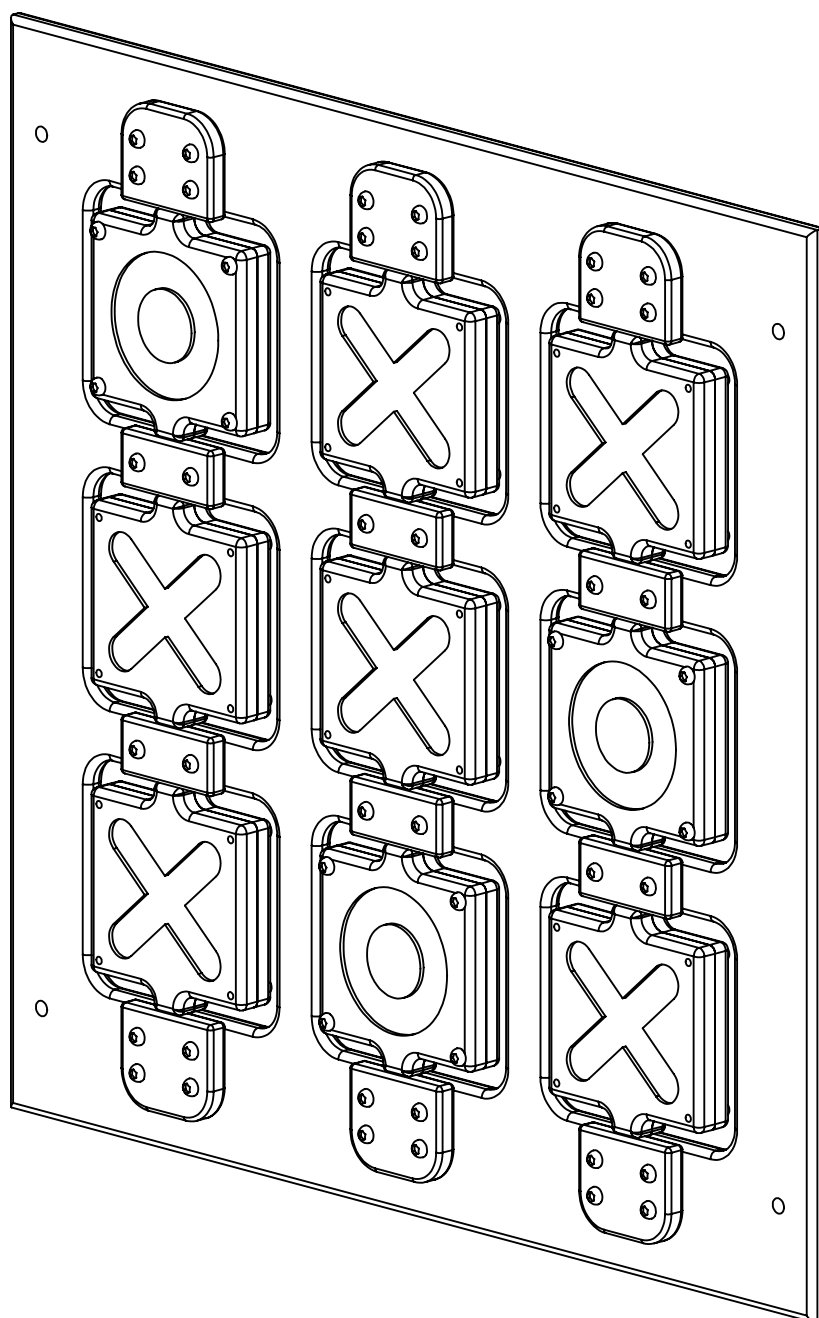
B

C

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

Tic-Tac-Toe

DESCRIPTION:

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:5

SHEET 20 OF 44



Tiptiptap ^{ÖÜ}

A

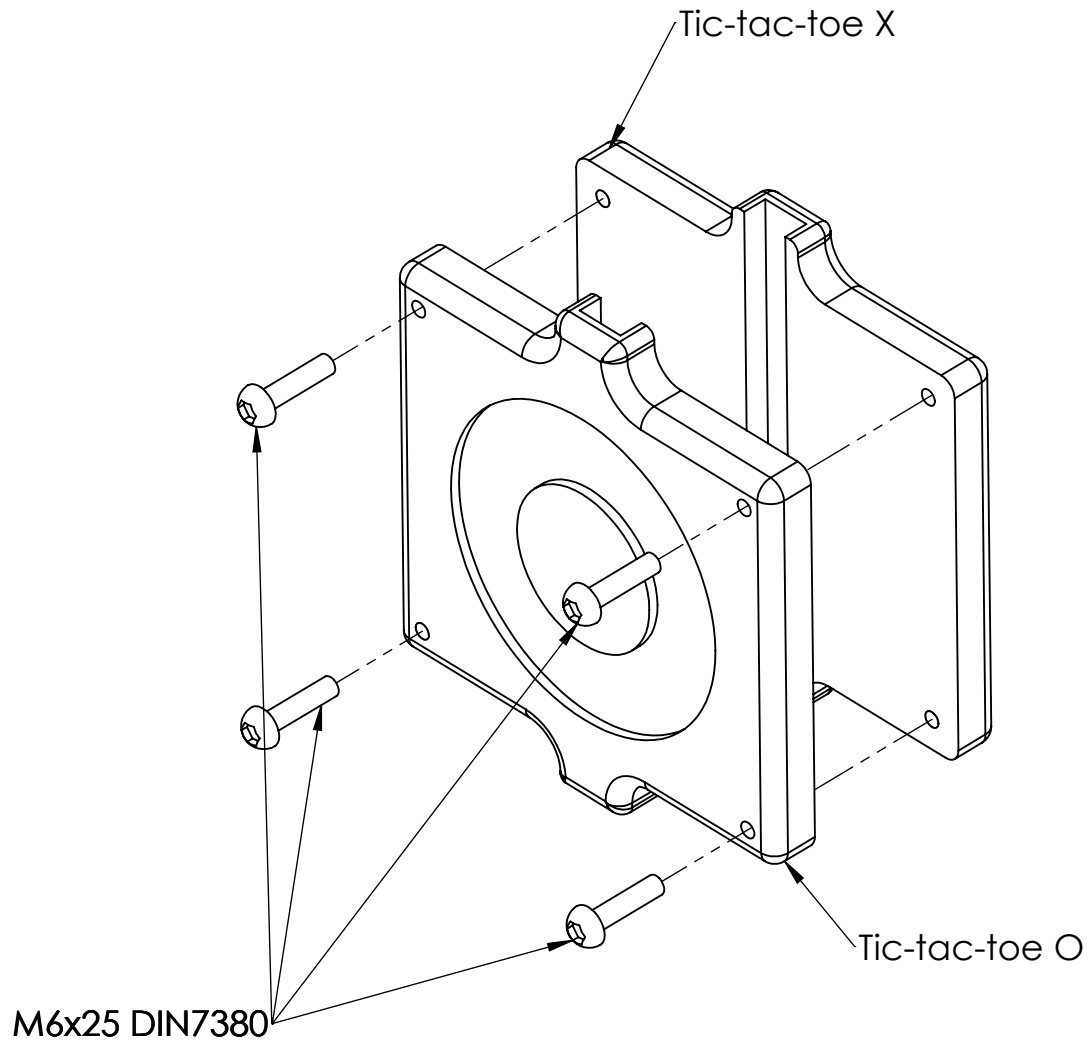
B

C

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

PART NUMBER / DWG NO.:

Tic-Tac-Toe

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:2

SHEET 21 OF 44



Tiptiptap ⁰⁰

A

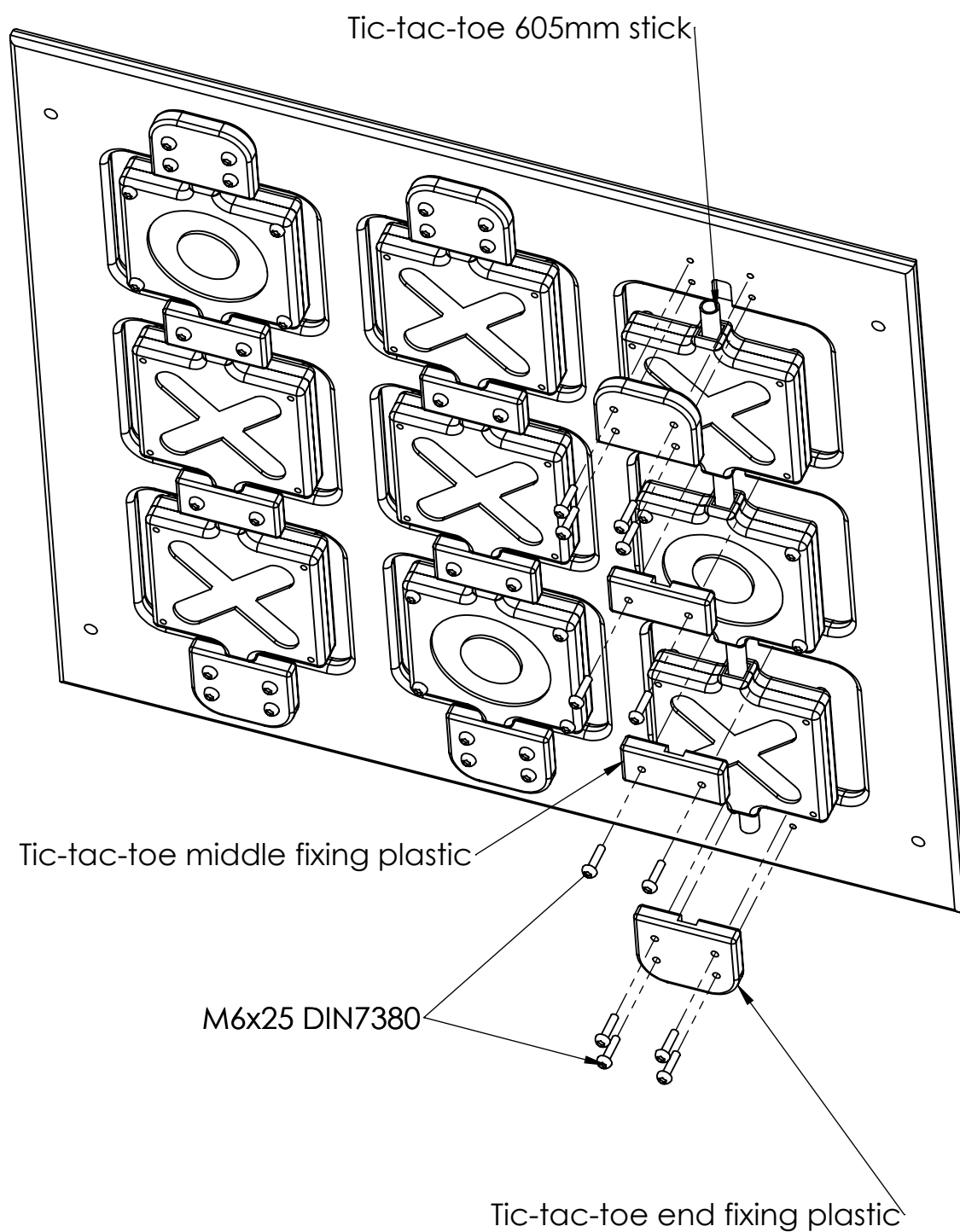
B

C

D

E

F



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

Tic-Tac-Toe

DESCRIPTION:

MATERIAL:

wood, metal, plastic

A4

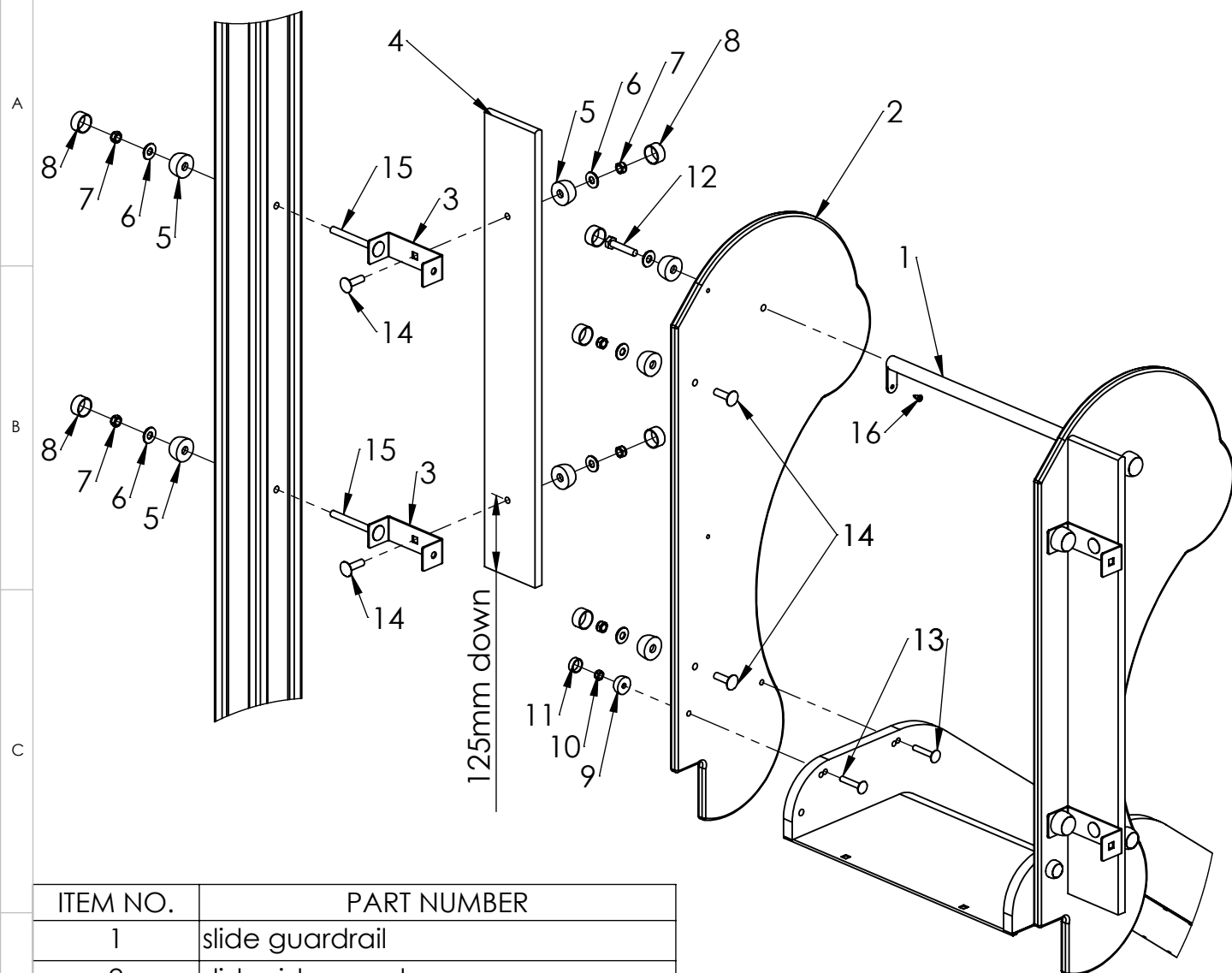
WEIGHT:

SCALE: 1:5

SHEET 22 OF 44



Tiptiptap ^{OO}



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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
Connecting slide guard block to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 23 OF 44



Tiptiptap OÜ

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

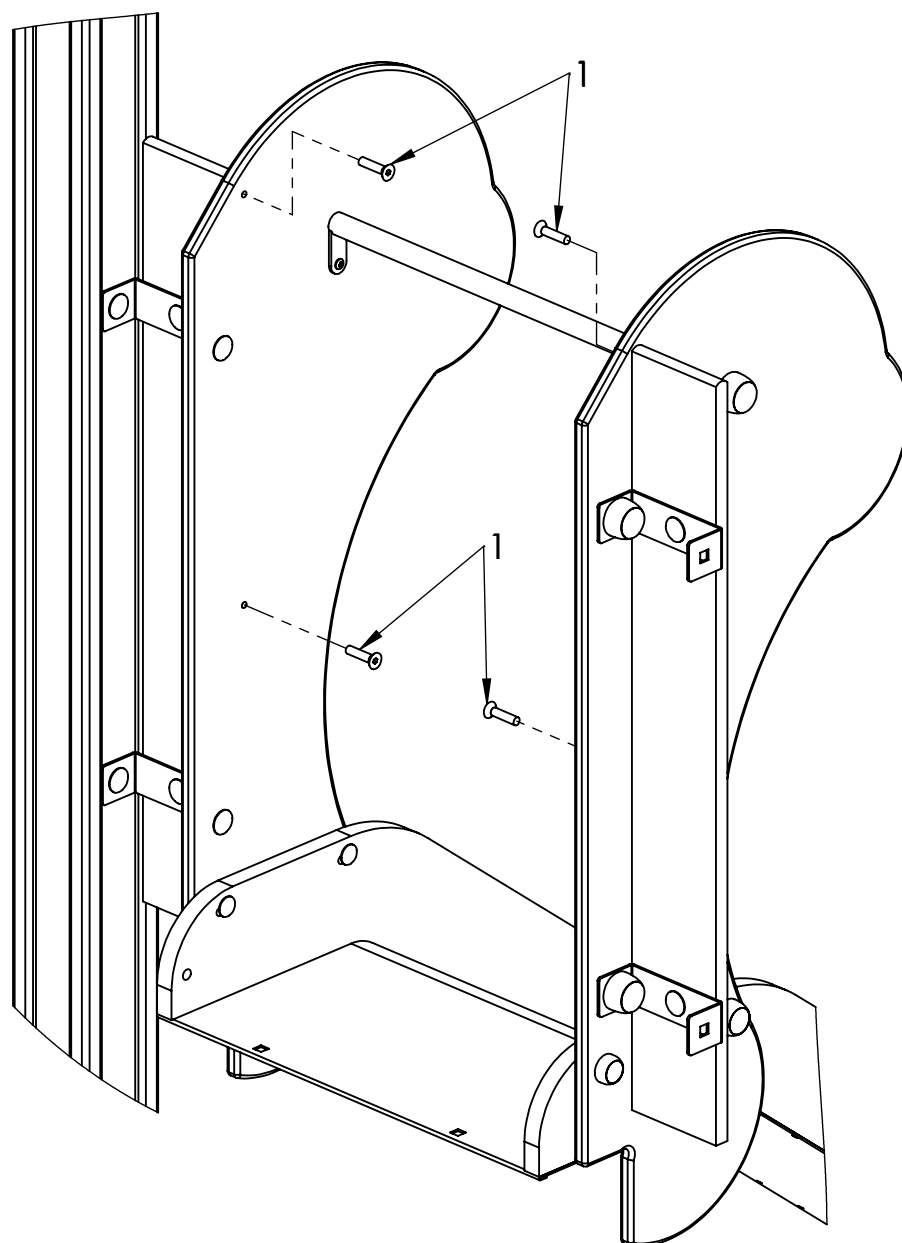
A

B

C

D

E



ITEM NO.

PART NUMBER

1

M6x35 DIN7991

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul
Connecting slide guard block to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:7

SHEET 24 OF 44



Tiptiptap OÜ

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

A

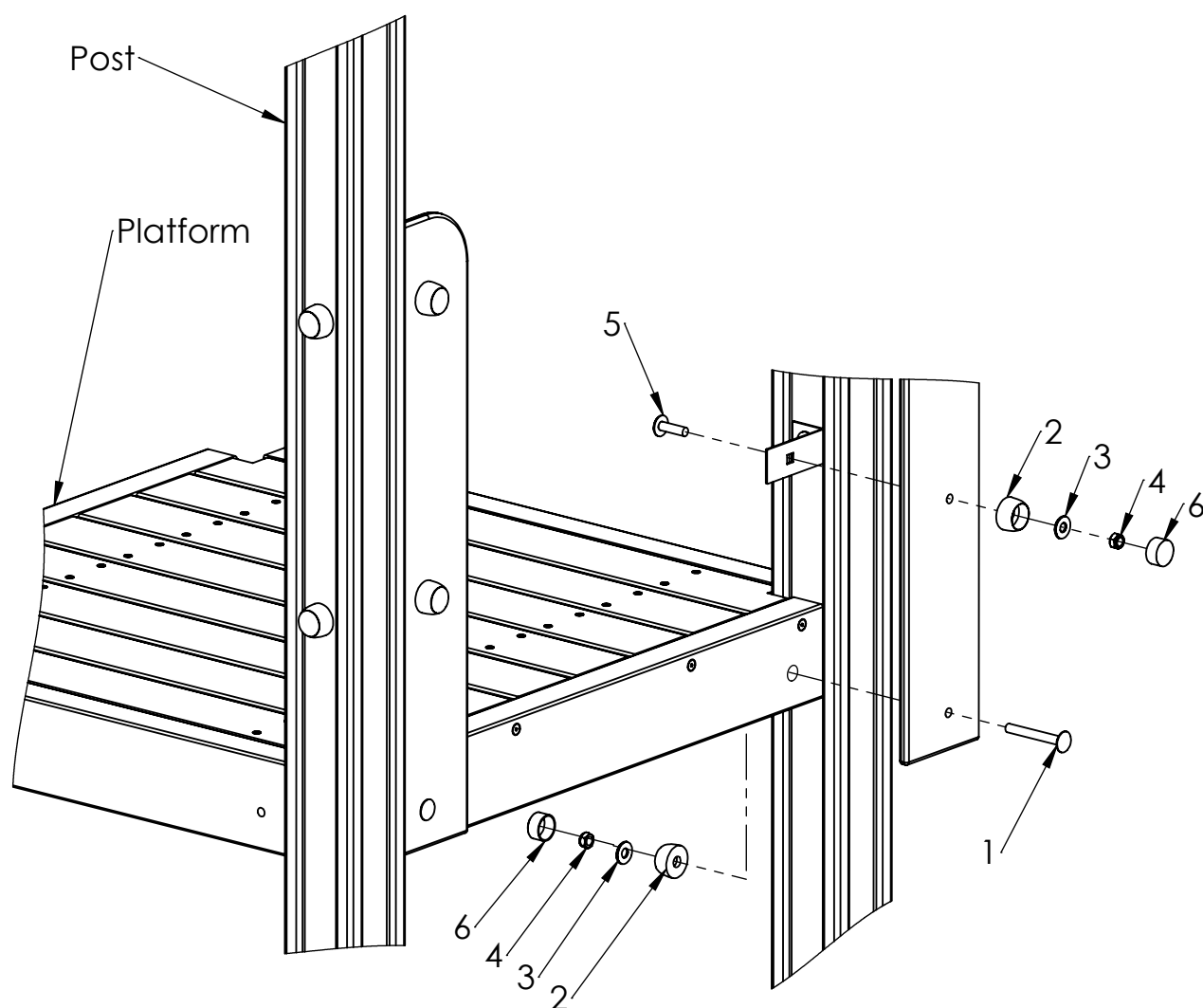
B

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
Connecting climbing pole side panel to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

SHEET 25 OF 44



Tiptiptap OÜ

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

A

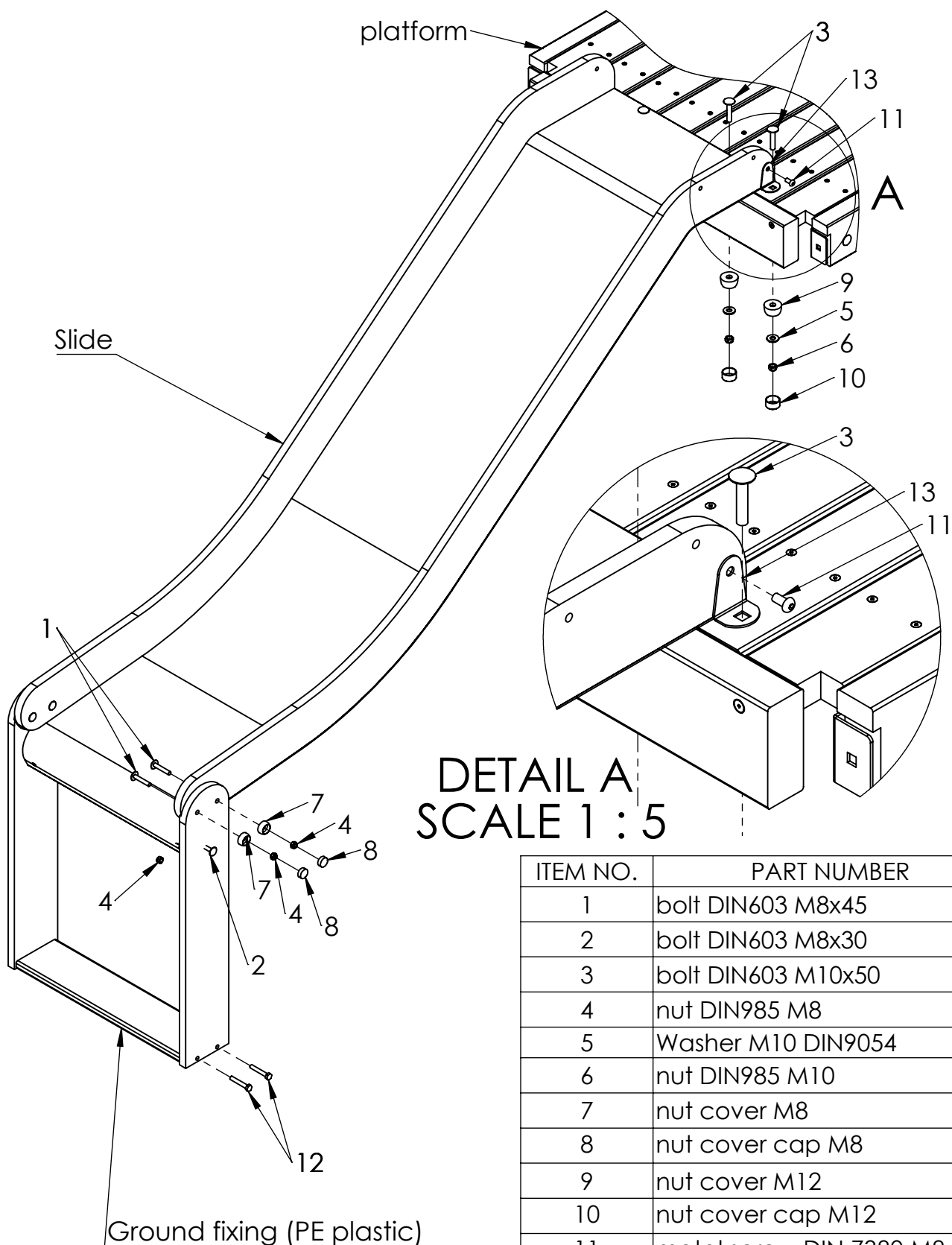
B

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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	I.Agar		20.02.2024	
APPV'D				



Tiptiptap OÜ

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

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting slide to platform

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 26 OF 44

A

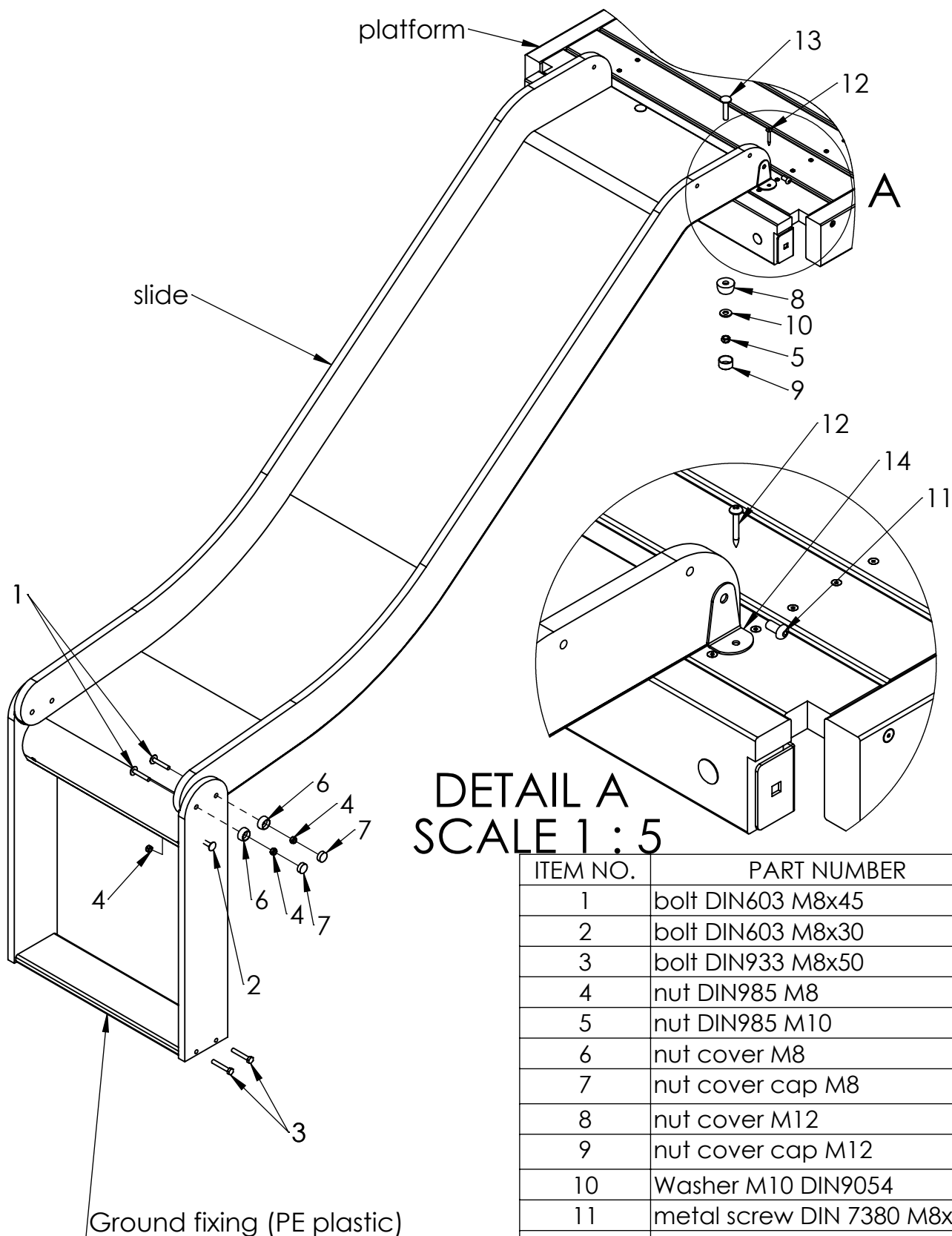
B

C

D

E

F



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		20.02.2024	
APPV'D				



Tiptiptap OÜ

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

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting slide to platform

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 27 OF 44

A

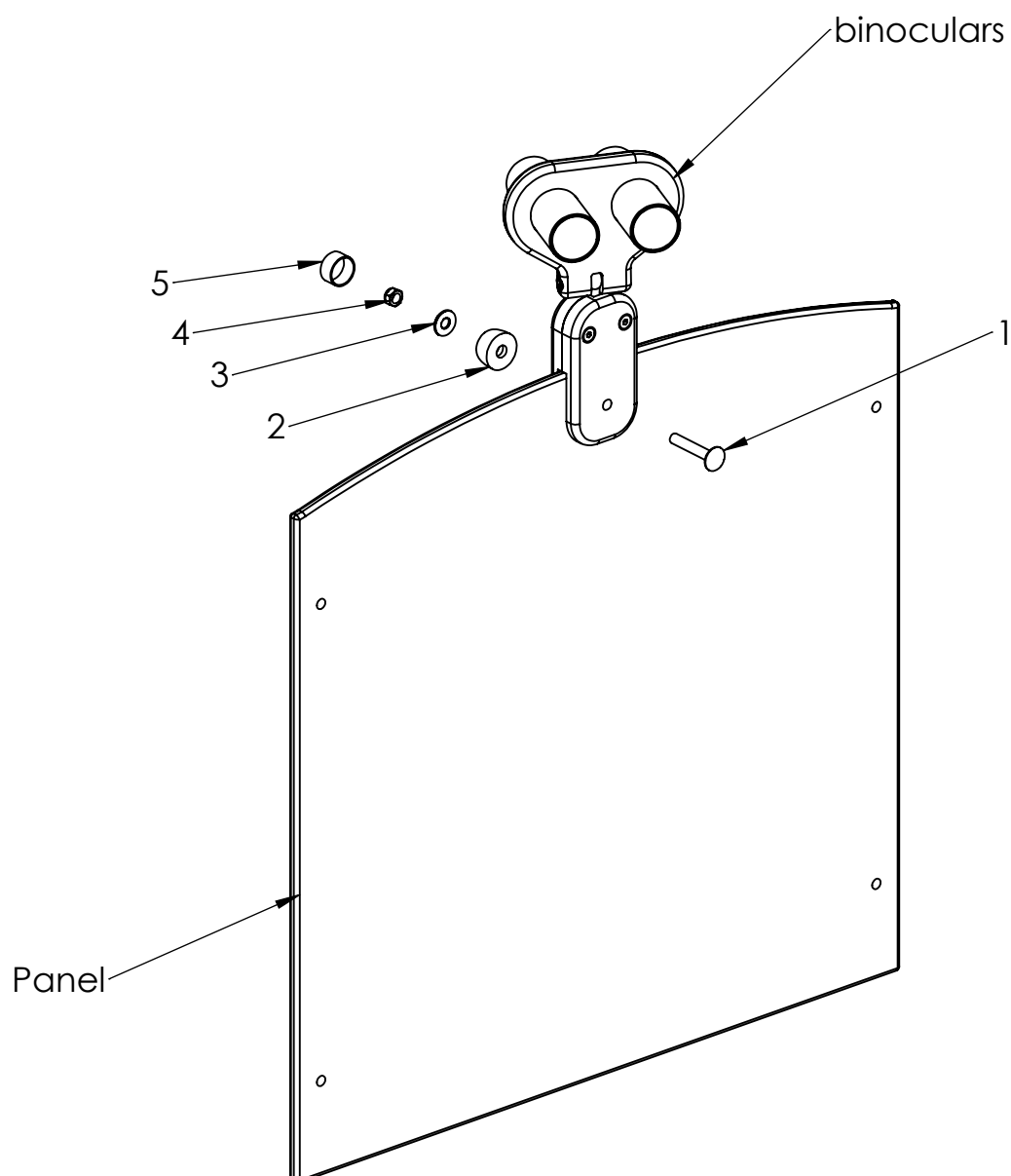
B

C

D

E

F



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
Connecting binoculars to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:7

SHEET 28 OF 44



Tiptiptap OÜ

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

A

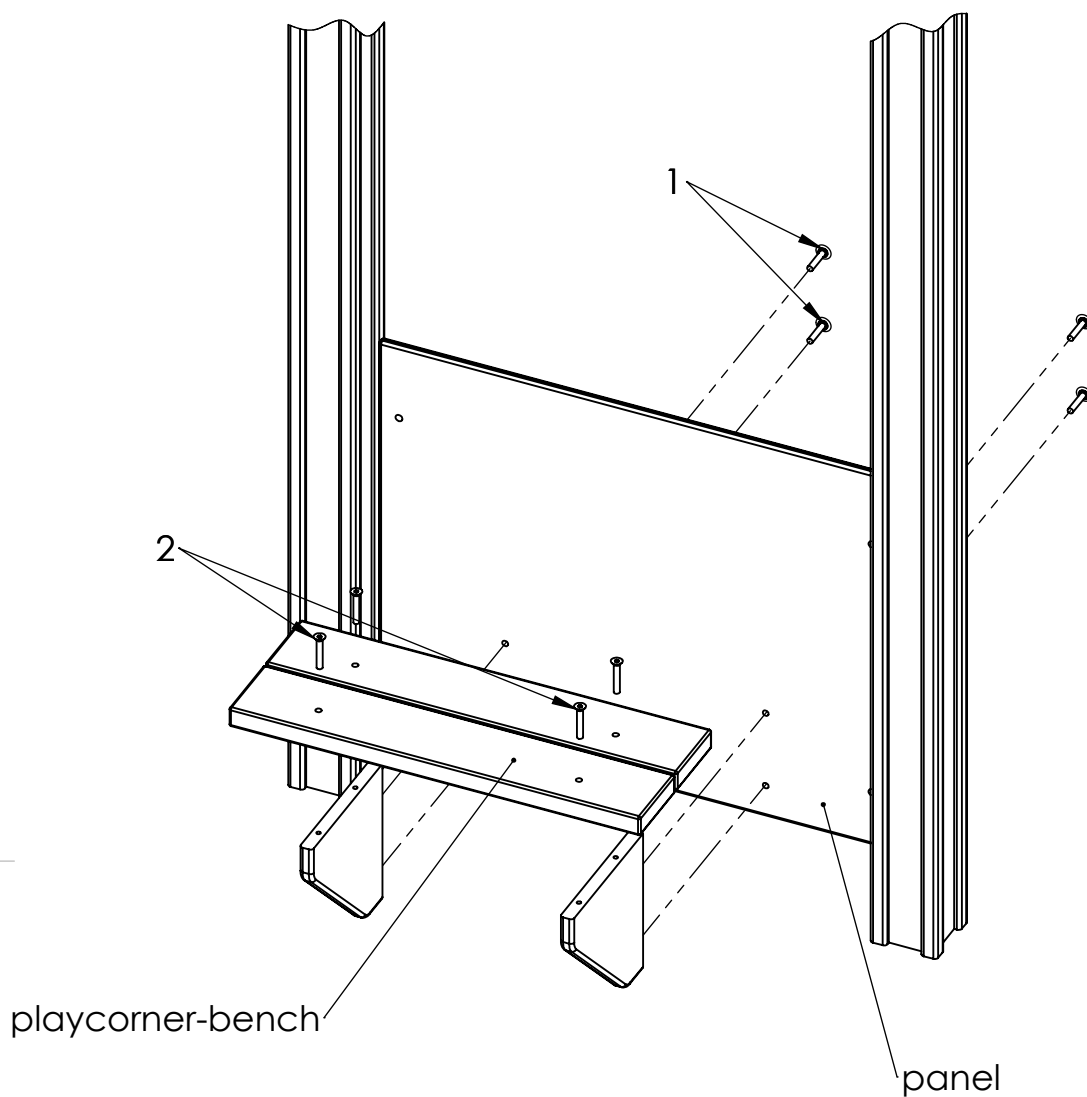
B

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F

ITEM
NO.

PART NUMBER

1

Art. 9121 TX-PIN M8x40

2

DIN7991 M8x50

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

PART NUMBER / DWG NO.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 29 OF 44


Tiptiptap OÜ

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

A

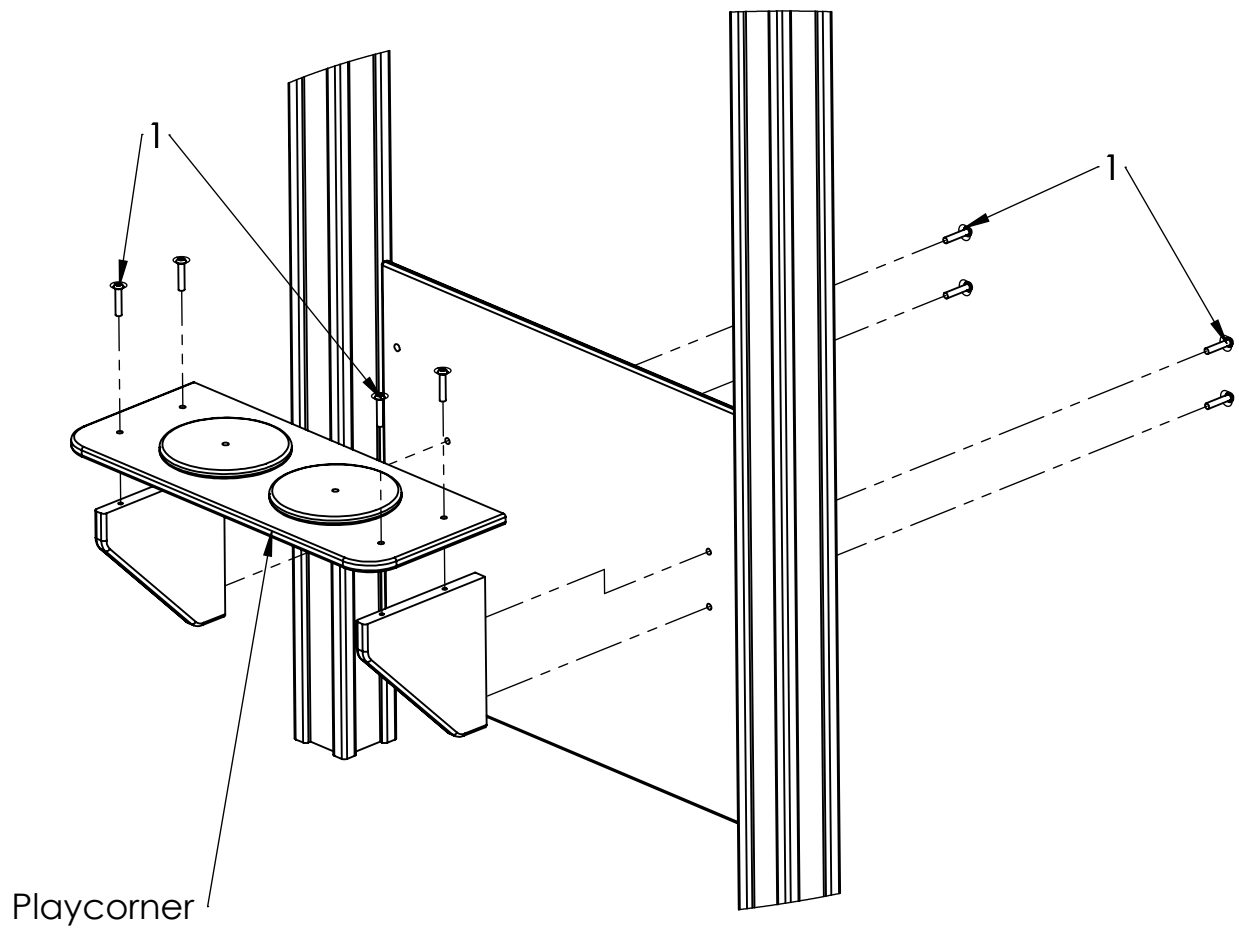
B

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F



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

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting playcorner-kitchen to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 30 OF 44



Tiptiptap OÜ

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

A

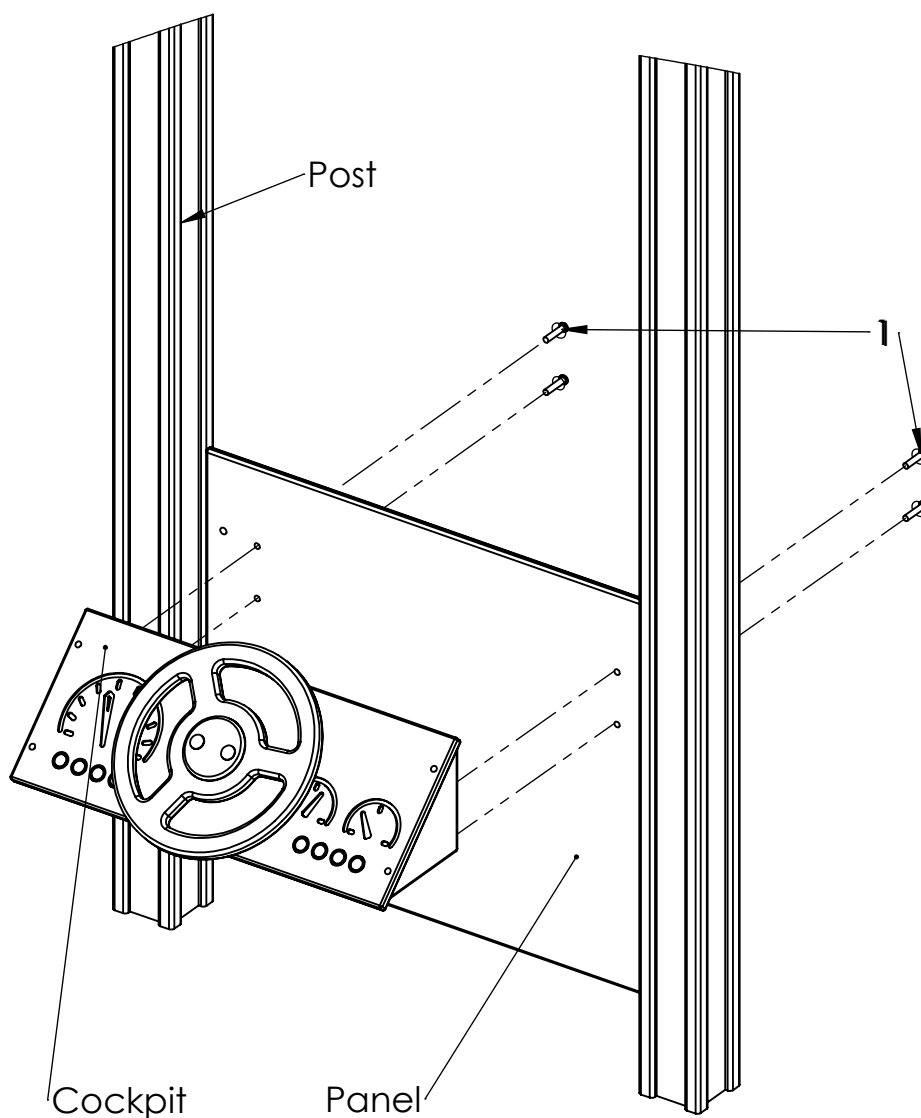
B

C

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E

F



ITEM NO.	PART NUMBER	QTY.
1	Art. 9121 TX-PIN M8x40	4

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
Connecting cockpit to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 31 OF 44

**Tiptiptap** OÜ

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

A

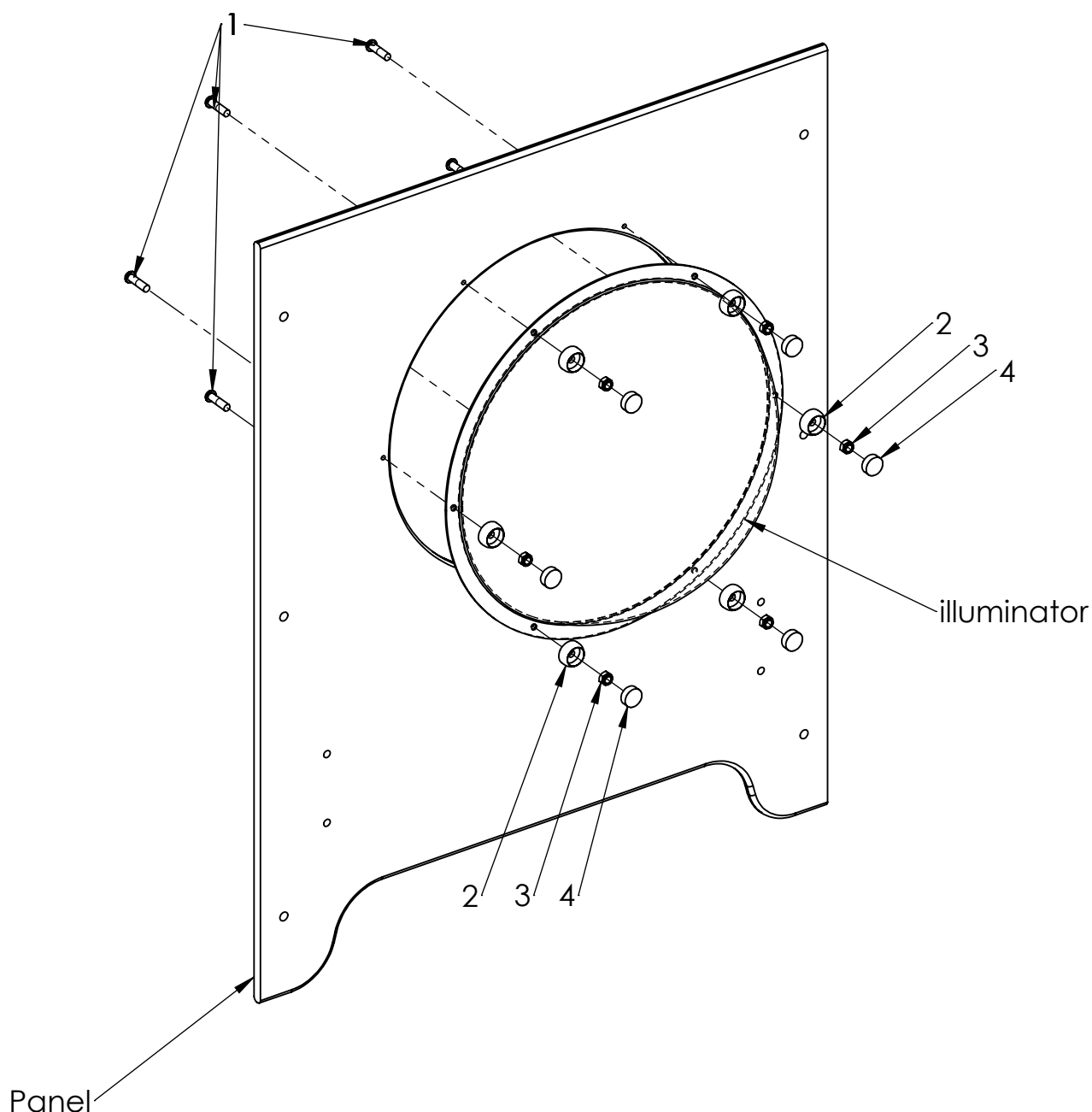
B

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E

F



ITEM NO.	PART NUMBER
1	Art. 9121 TX-PIN M8x30
2	nut cover M8
3	nut DIN985 M8
4	nut cover cap M8

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
Connecting illuminator to panel

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:7

SHEET 32 OF 44

**Tiptiptap** OÜ

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

A

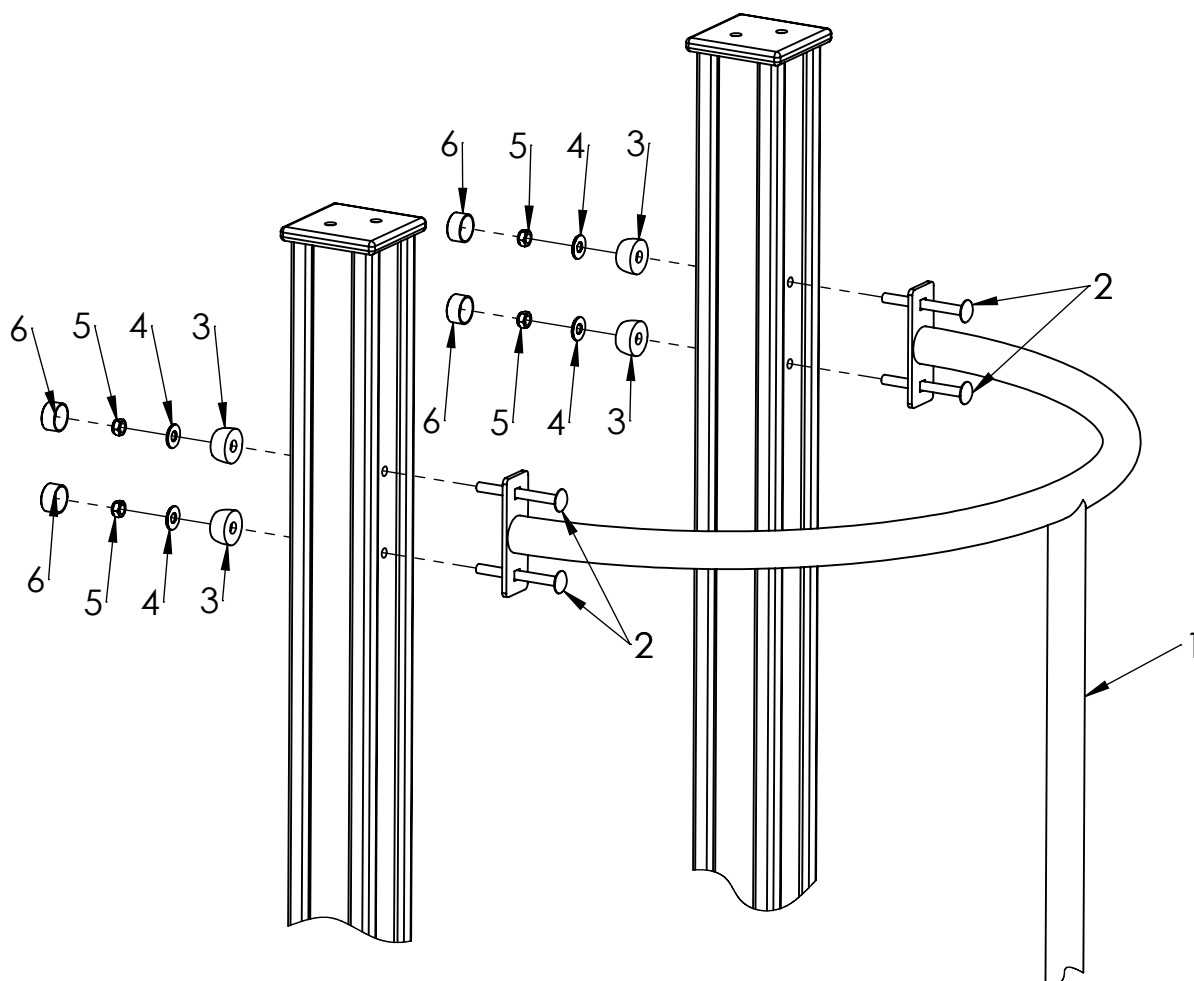
B

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E

F



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar			
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting climbing pole to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:8

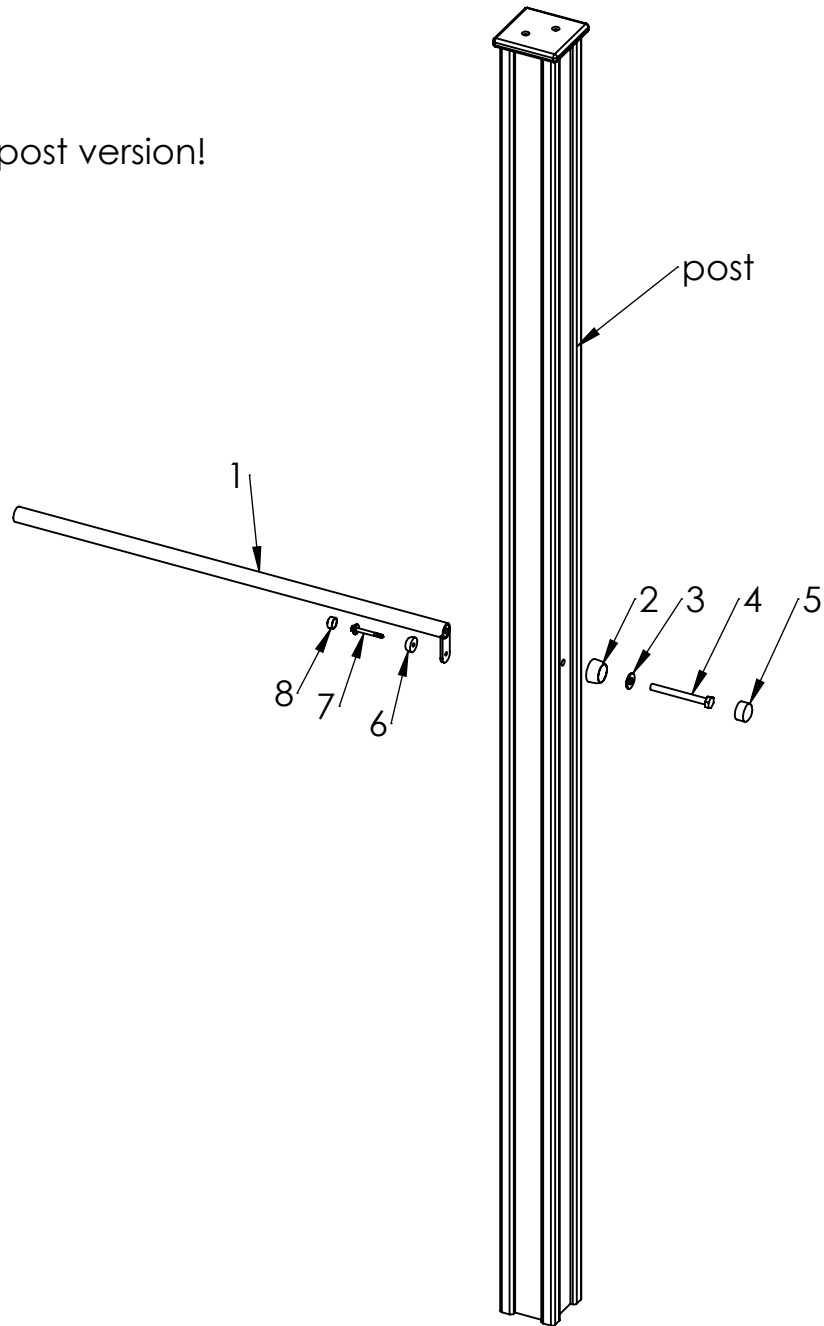
SHEET 33 OF 44



Tiptiptap OÜ

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

Aluminium post version!



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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar			
APPV'D				

DESCRIPTION:

Play centre Raul
connecting guardrail to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 34 OF 44



Tiptiptap OÜ

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

A

Wood post version!

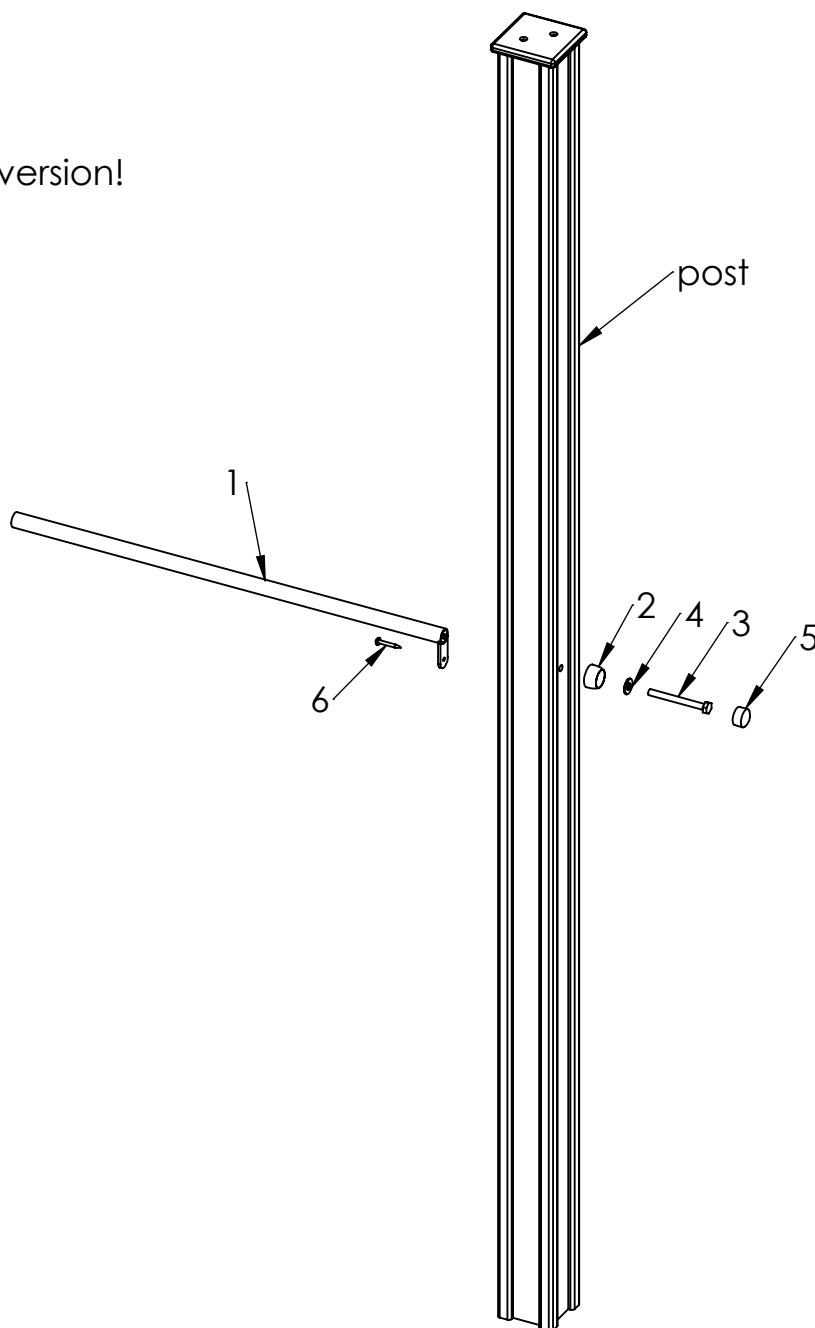
B

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E

F



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.:

LM018

DESCRIPTION:

Play centre Raul
connecting guardrail to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:12

SHEET 35 OF 44



Tiptiptap OÜ

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

A

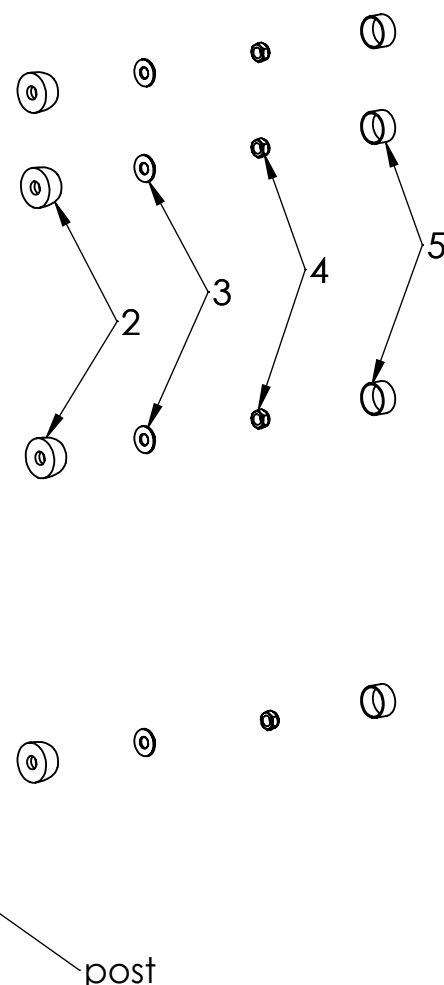
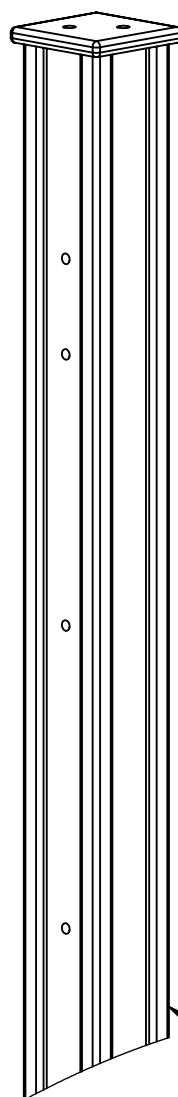
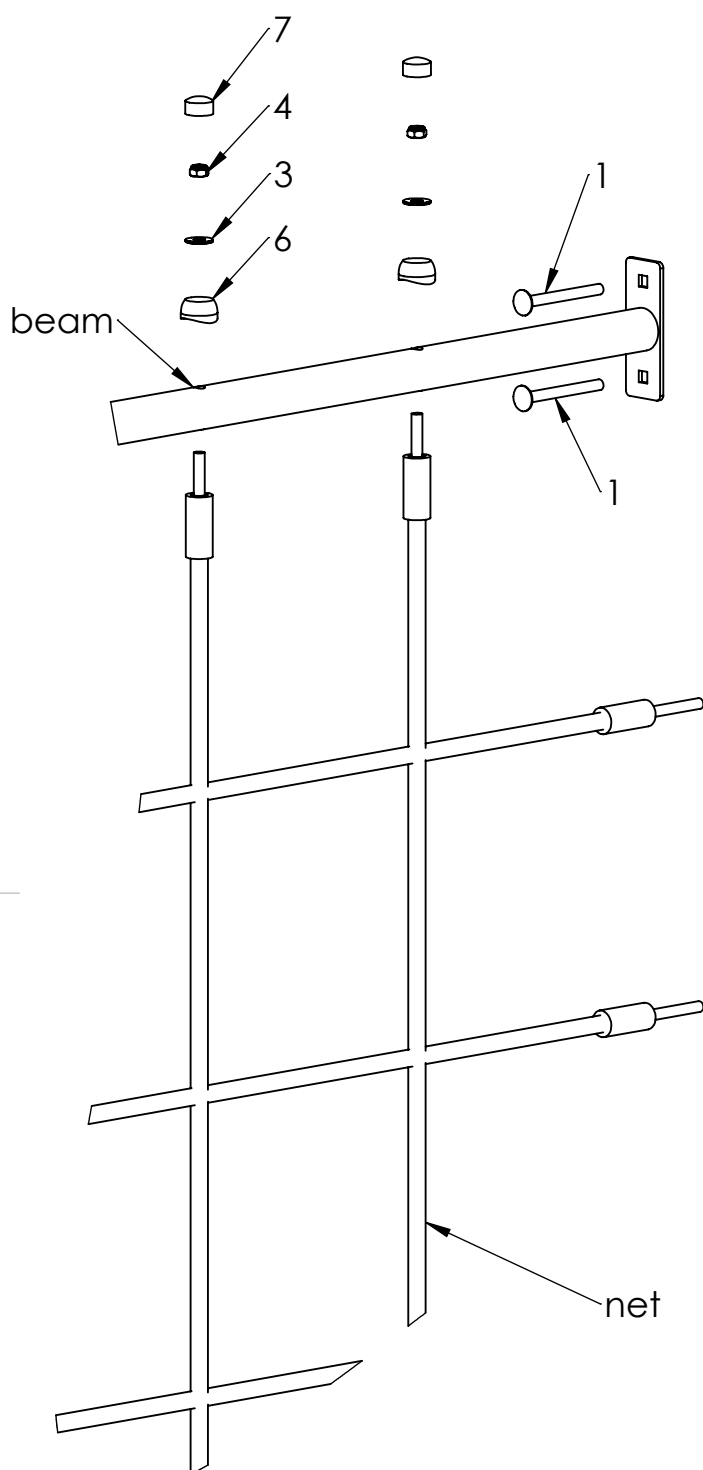
B

C

D

E

F



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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar			
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
Connecting beam and climbing net to post

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

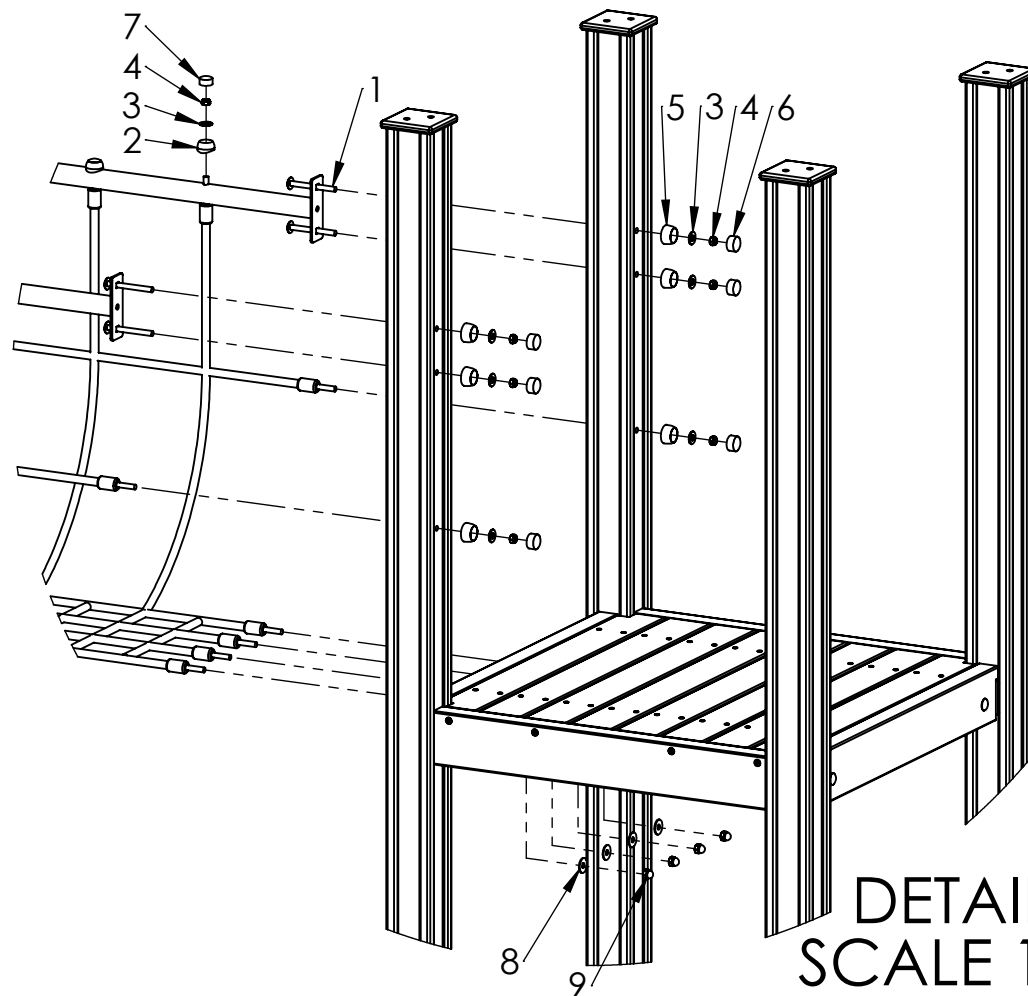
SCALE: 1:7

SHEET 36 OF 44

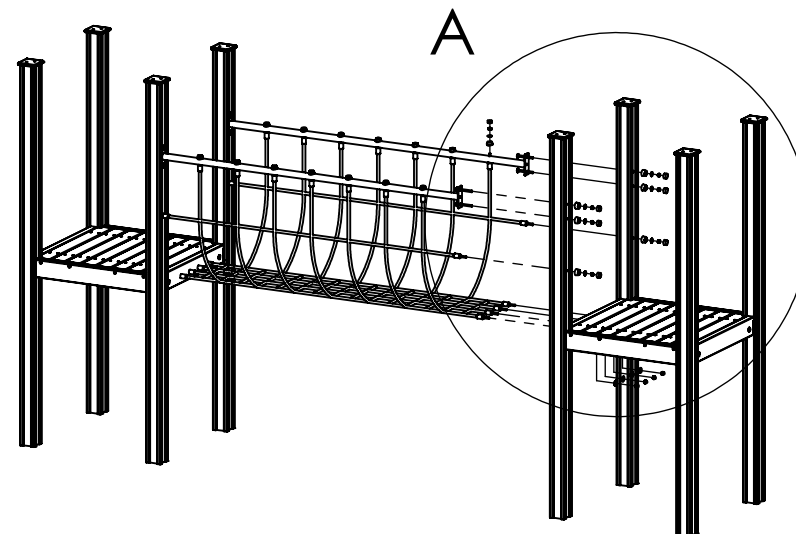


Tiptiptap OÜ

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



DETAIL A
SCALE 1 : 15



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x100
2	nut cover for beam M10
3	Washer M10 DIN9054
4	nut DIN985 M10
5	nut cover M12
6	nut cover cap M12
7	nut cover cap M10
8	washer M10 DIN9021
9	domed cap nut DIN986 M10

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar			
APPV'D				



Tiptiptap OÜ

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

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul
connecting bridge to post and platform

MATERIAL:

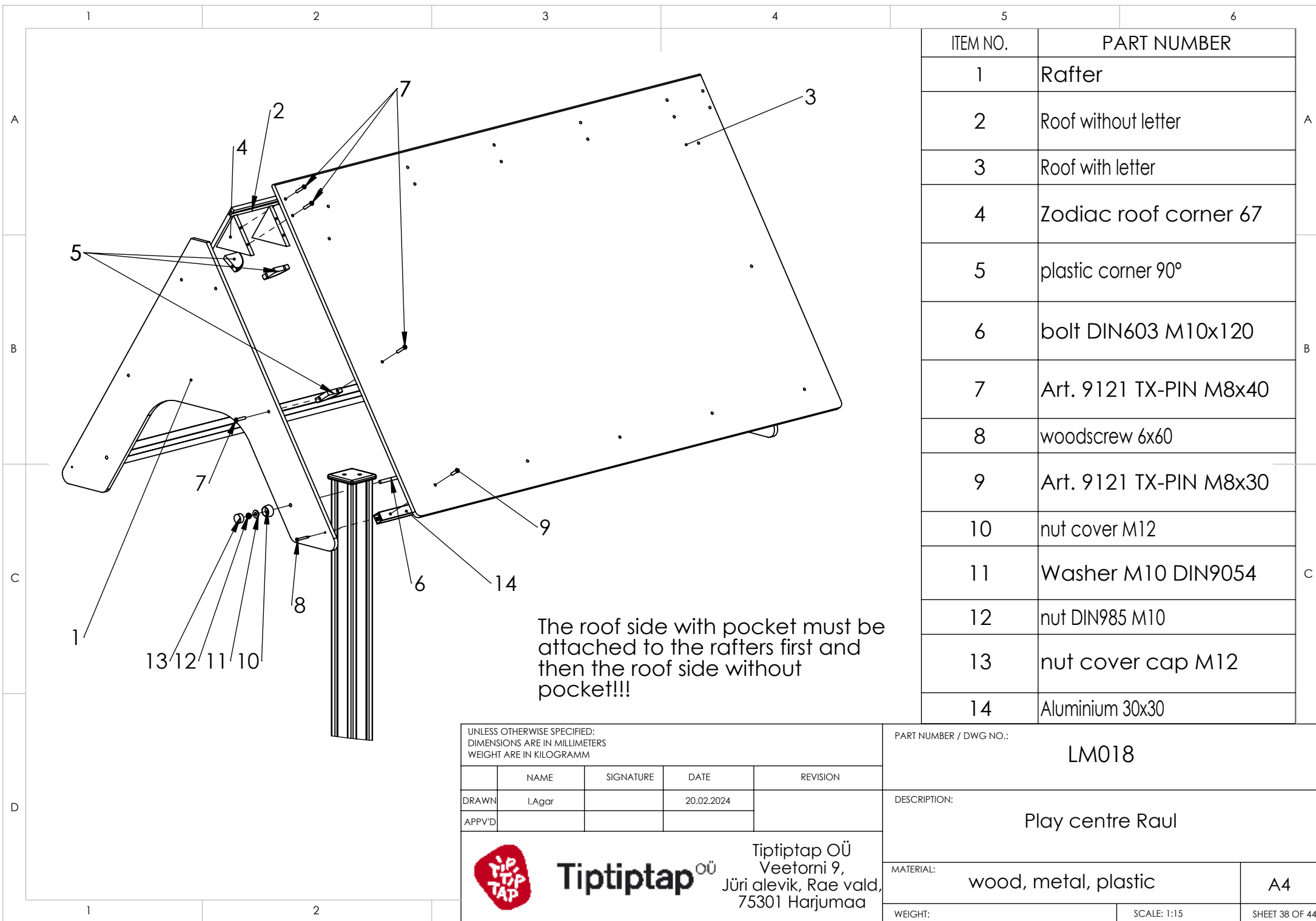
wood, metal, plastic

A4

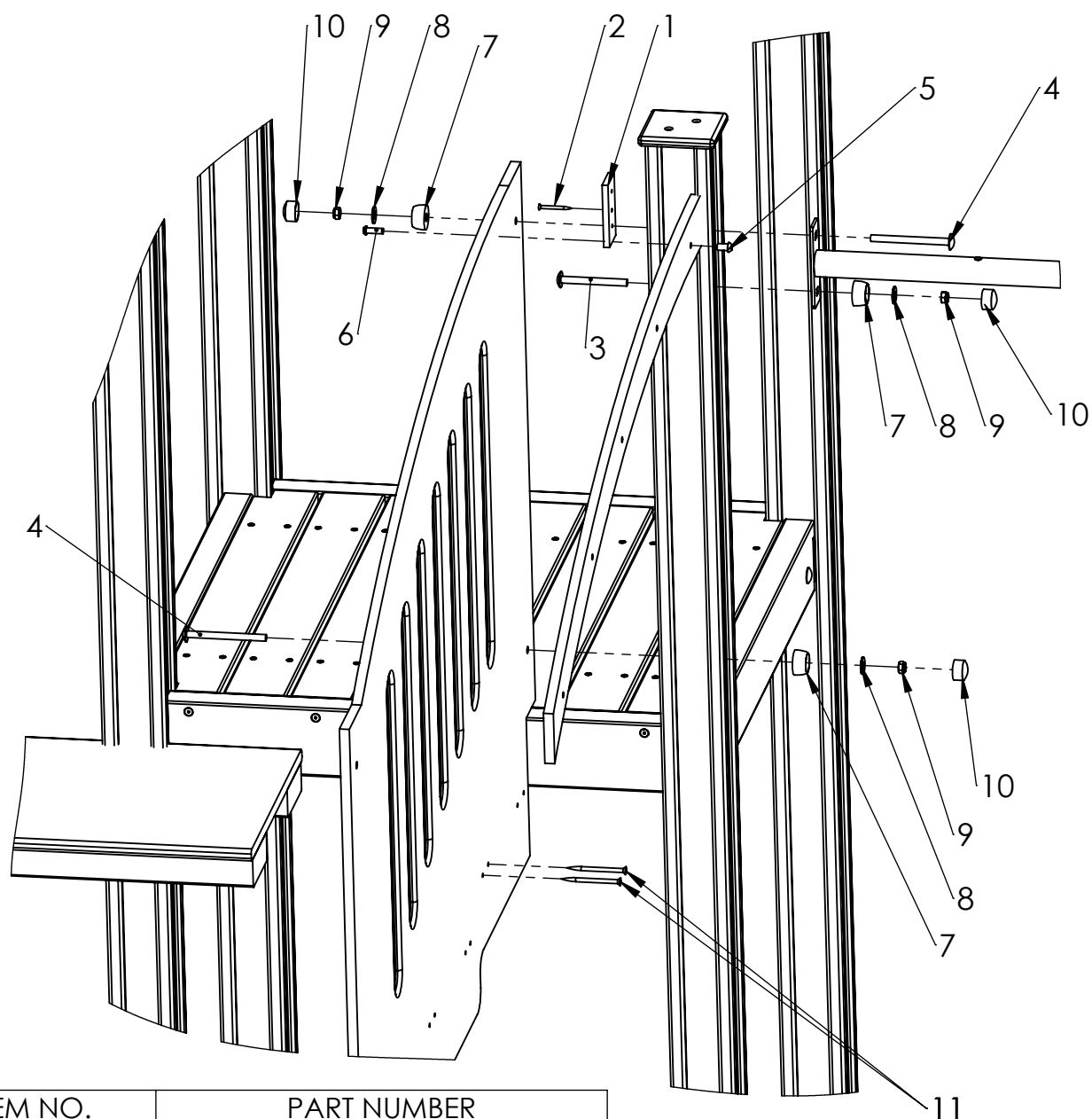
WEIGHT:

SCALE: 1:45

SHEET 37 OF 44



Bridge with steps connecting



ITEM NO.	PART NUMBER
1	Post additional plastic
2	woodscrew 4,5 x 50
3	bolt DIN603 M10x100
4	bolt DIN603 M10x120
5	M8 safety nut
6	Art. 9121 TX-PIN M8x25
7	nut cover M12
8	Washer M10 DIN9054
9	nut DIN985 M10
10	nut cover cap M12
11	Woodscrew 6 x 90
12	bolt DIN931 M10x50
13	bolt DIN603 M10x35
14	wood screw 4,8x13

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

PART NUMBER / DWG NO.:

LM018

NAME	SIGNATURE	DATE	REVISION
15	16	20.02.2024	1
DRAWN	I. Agar		
APPV'D	17		

DESCRIPTION:

Play centre Raul



Tiptiptap OÜ

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

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 39 OF 44

A

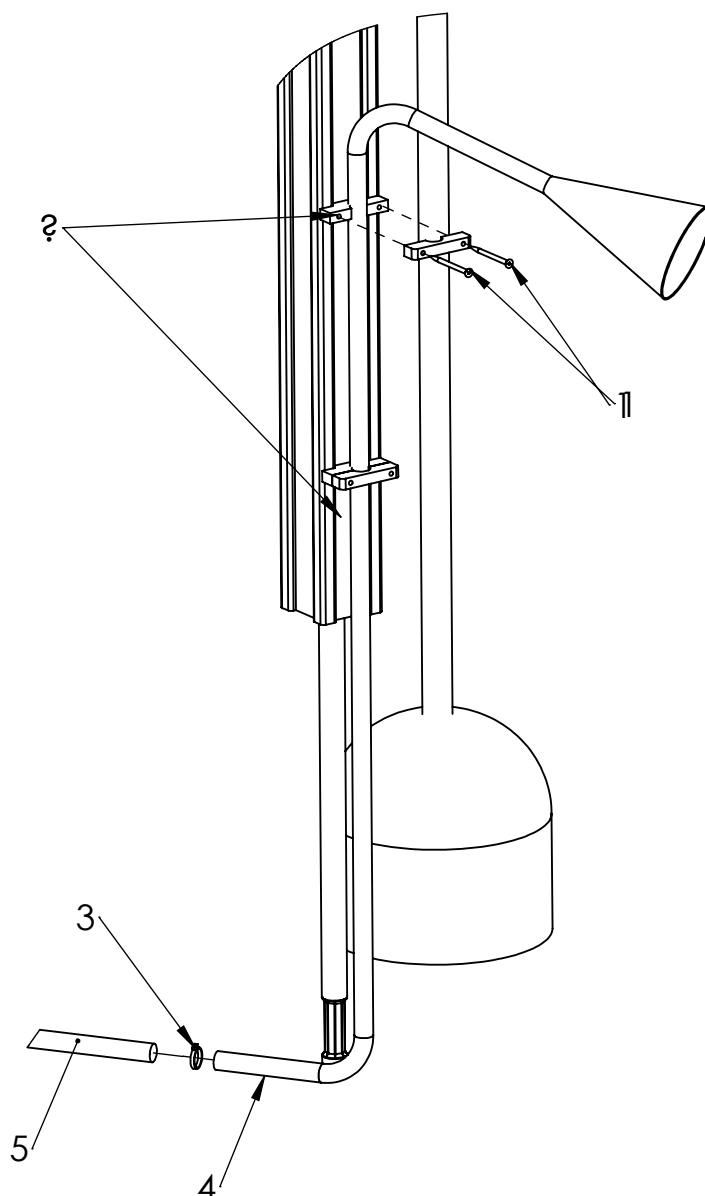
B

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E

F



ITEM NO.	PART NUMBER
1	Woodscrew 6 x 90
2	LM018 talk tube plastic fixing
3	Metal clamp
4	Talk tube
5	LM018 talk tube connecting hose

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

32 AW11 talk tube
LM018 fixing plastic 1

DESCRIPTION:

33 AW11 talk tube
fixing plastic 2
Play centre Raul



Tiptiptap OÜ

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

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 40 OF 44

A

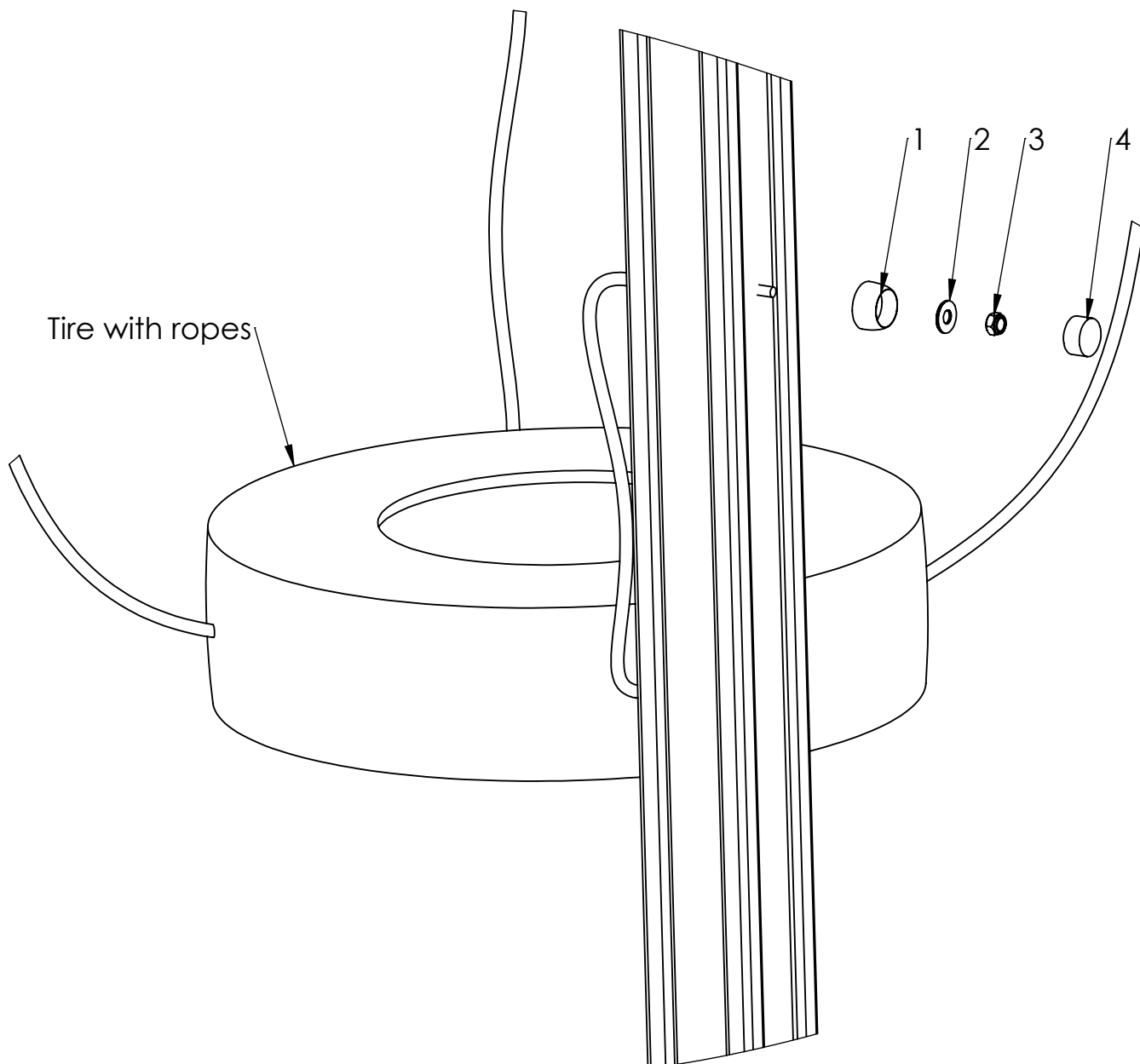
B

C

D

E

F



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

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:5

SHEET 41 OF 44

**Tiptiptap** OÜ

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

A

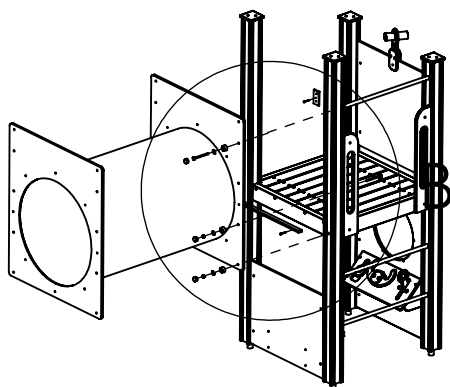
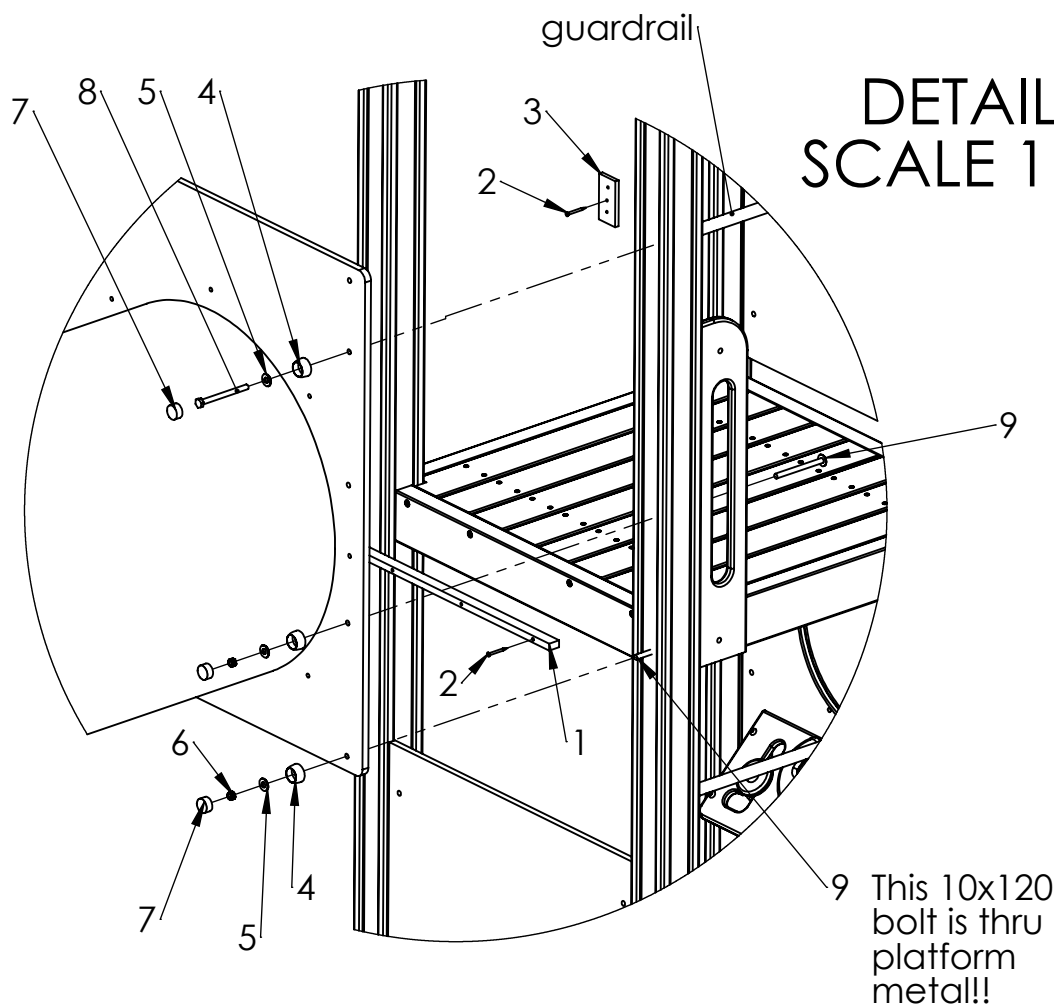
B

C

D

E

F



ITEM NO.	PART NUMBER
1	LM018 plastic slat
2	woodscrew 4,5 x 50
3	Post additional plastic
4	nut cover M12
5	Washer M10 DIN9054
6	nut DIN985 M10
7	nut cover cap M12
8	bolt DIN931 M10x120
9	bolt DIN603 M10x120

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:50

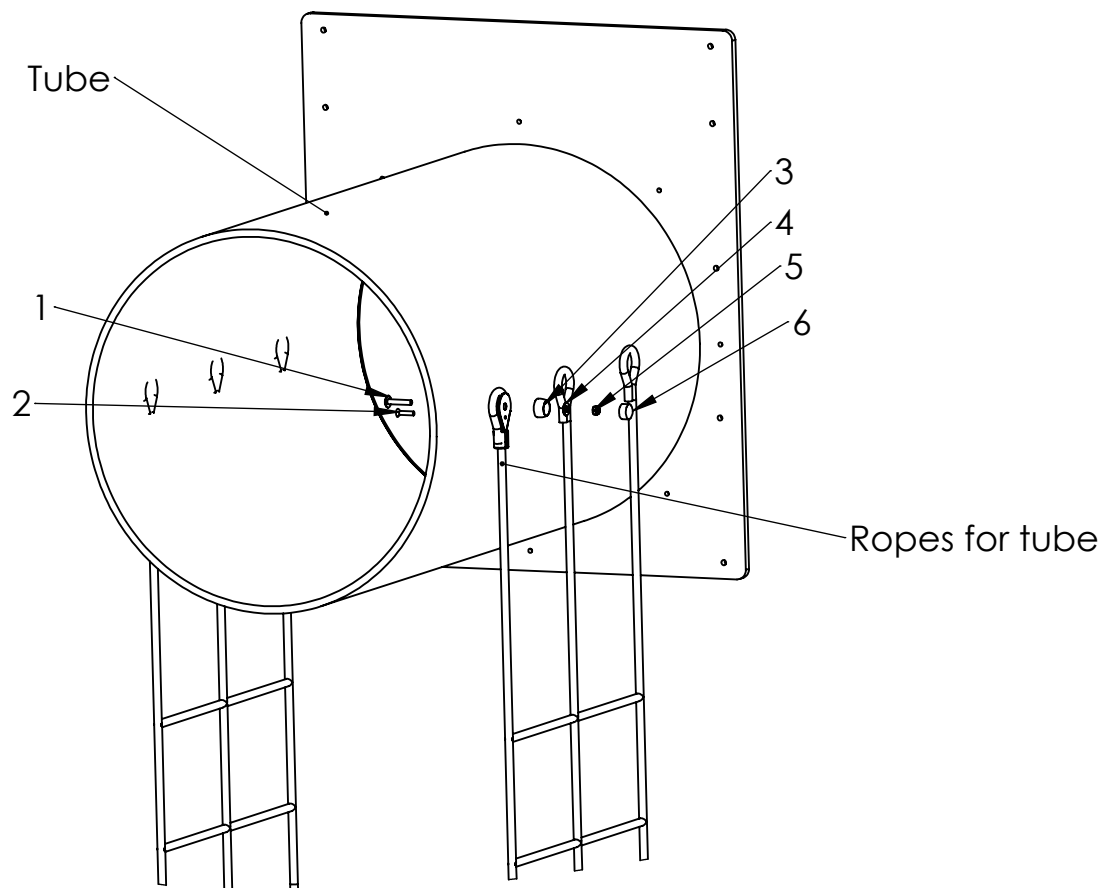
SHEET 42 OF 44



Tiptiptap OÜ

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

Attaching the rope to the plastic tube



ITEM NO.	PART NUMBER
1	bolt DIN603 M10x50
2	M6x35 DIN7991
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.:

LM018

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I.Agar		20.02.2024	
APPV'D				

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:15

SHEET 43 OF 44



Tiptiptap OÜ

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

A

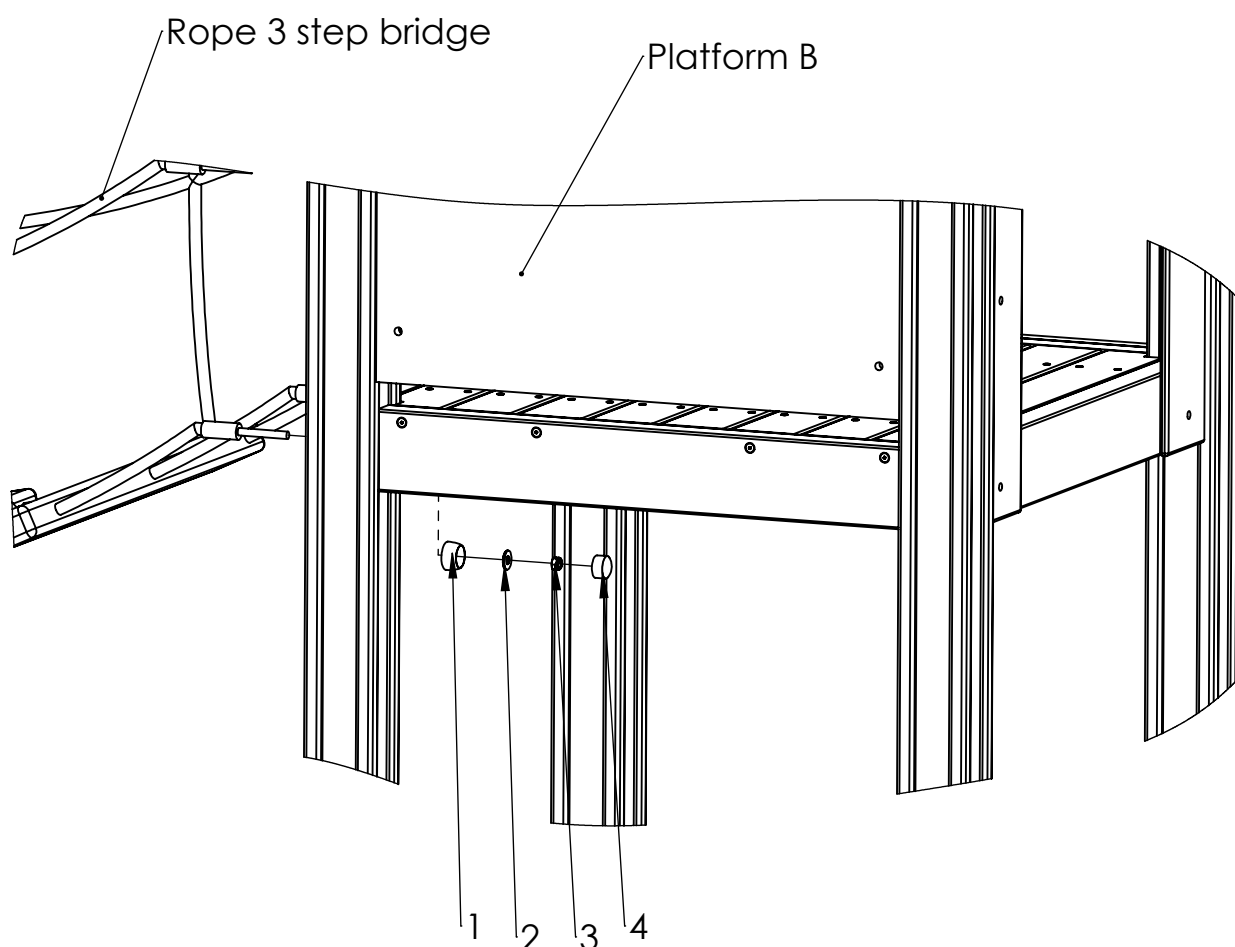
B

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E

F



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

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

	NAME	SIGNATURE	DATE	REVISION
DRAWN	I. Agar		20.02.2024	
APPV'D				

PART NUMBER / DWG NO.:

LM018

DESCRIPTION:

Play centre Raul

MATERIAL:

wood, metal, plastic

A4

WEIGHT:

SCALE: 1:10

SHEET 44 OF 44



Tiptiptap OÜ

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