interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

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DATA SHEET

Game complex «Big City-13» TE943

CONTENT

FOR NOTES

1. GENERAL INFORMATION

Purpose and content of this document. This document contains a general description of the equipment, information on installation, intended use, maintenance, current repair and manufacturer's warranty.

Distribution of this document for product modifications. The manufacturer can make changes to the design of the product, aimed at improving its characteristics, changing the design, etc. This document may not contain a description of such changes, but applies to such modified products.

2. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE

Tools and accessories. The product does not include the tools required for assembly and installation.

Product assembly and installation procedure.

1) Mark the area as indicated on the foundation layout scheme.
2) Dig the holes for the installation of the embedded parts and attachments. Levelling the depth of the holes by deepening them or adding gravel.
3) Assemble and install the equipment in accordance with the assembly schemes - chapter 7.
4) Concrete the embedded parts and support structures of the attachments. When installing the product on sandy soil, the overall dimensions of the holes should be increased for 15-20%.

To avoid cracking of the wood, for screws with a diameter of more than 4 mm, drill holes with a diameter of 0.6...0.7 mm to a depth of 0.8 of the screw's length.

WARNING. The presence and participation of children during the installation of the product is not allowed.

3. PRODUCT USE

Do not use the product until it has been fully and completely installed.

The product must not be used by users of a different age and weight category.

Before using the product, clear the safety area of any unnecessary objects that may cause damage to the user (debris, tools left over from assembly and installation, etc.).

Do not use the product in adverse weather conditions (ice, snow, rain, hail, strong winds, etc.), which may cause injury to the user.

4. PRODUCT MAINTENANCE

You have purchased high-quality and reliable equipment. In the process of its production, the requirements of regulatory and technical documents of Ukraine, the CIS countries and the European Union regulating the production of children's gaming equipment were taken into account. However, it should not be forgotten that when operating any technical product, certain rules and requirements must be followed. Despite the fact that our product is of high quality and reliability, this rule applies to it in full. You should be aware that the implementation of the following rules and recommendations for product maintenance is aimed at ensuring that your child, the child of your friends or acquaintances is safe and no unforeseen factors threaten his health, life.

Remember that the operation of the product is accompanied by the influence of various negative factors on it, a complete list of which cannot be predicted. Among them, an important place is occupied by natural factors and factors caused by human influence on equipment. As a rule, their action initially leads to disruptions in the appearance of the product. Thus, under the influence of factors caused by the exploitation of a person, there may be damage to the integrity of the paint coating of parts made of wood, in the form of scuffs, chips, incisions, and when exposed to parts made of metal, damage to the paint coating in the form of nicks, chips, abrasion, etc. This leads to the emergence and development of defects that can be the cause of the destruction of the product. The product is particularly dangerous if it is used for other than its intended purpose, if the permissible loads are exceeded, or if vandalism occurs, as these factors can cause irreversible changes in the structure of the material from which the product is made, leading to destruction.

The maintenance of the product implies, first of all, the responsibility of the user to comply with all recommendations provided in this document, starting with a daily inspection of the external condition of the product before operation.

Daily inspection of the product is a very important procedure. With its help, you can timely detect any changes in the appearance of the product (deformation of individual parts, deformation of the structure as a whole or part of it, damage to parts, cracks of welds, as well as the absence of fastening of parts of the product, etc.).

Before using the product, check its operability, absence of damage, dirt on the product, sharp edges, reliability of fixing the structure, absence of unnecessary objects on the surface of the site. If the product is damaged, fully or partially inoperable, or has any other defects, do not use it.

During operation it is also necessary to inspect the condition of the product periodically - the current inspection. It includes an external inspection of the product, checking its operability (in the presence of moving elements - the smoothness of the movement of mechanisms, compliance with operating modes, etc.). Current inspection allows you to detect malfunctions caused by the operation of equipment, climatic conditions, acts of vandalism and other factors, until they reach a critical level and the destruction of the product. The current inspection is carried out in order to detect foreign objects that may threaten the user and lead to violations of the functioning of the product. The frequency of the current inspection is set by the owner taking into account the operating conditions. If you do not have sufficient technical knowledge and skills to conduct such inspections, we recommend you to contact the authorized specialists of the manufacturer in order to obtain advice.

Every three months, a scheduled inspection should be carried out, which primarily concerns the foundation part, load-bearing elements and connection nodes of elements (their integrity and degree of deterioration).

The main annual inspection must be carried out annually by authorised specialists of the manufacturer. During the inspection, the technical condition of the equipment shall be assessed for compliance with safety requirements. The degree of deterioration and damage to wooden elements and their ability to withstand the applied loads, damage, corrosion of metal elements and the impact of these factors on the safety of the product are determined. The inspection also helps to identify the impact of repairs, if any, on the safety of the equipment.

Based on the results of the inspection, a maintenance procedure is carried out to eliminate the identified discrepancies in the product's operation. This procedure includes assessing the condition of parts and assemblies, replacing worn parts, and restoring the integrity of protective coatings. The results of the inspections, as well as the procedures carried out as a result of the inspection and maintenance of the product must be properly documented in the Registration Journal, which is an integral part of this passport. The owner of the product must keep the acts of maintenance of the product, acts of repair work done.

5 INFORMATION ON STORAGE, TRANSPORTATION AND RECYCLING

The product is transported in the manufacturer's packaging by any means of transport that ensures its safety and protection from external factors (rain, snow, sunlight, water, high humidity, etc.).

Information about transportation

Date		Brand, state number of the car/trailer	Position, full name	Signature
Departure	Arrival			

Before installation store the product in the original packaging in dry, closed rooms with natural air ventilation.

If it is necessary to transport the product to another location after use it is recommended to use the manufacturer's packaging.

If you need to store the product for a long period of time, you must observe the following storage rules (the list of conditions is not complete):

- place the product in a closed, dry room with natural ventilation;
- protect the product from external factors (dust, water drops, etc.) with a large plastic bag, leaving space for free air circulation;
- take other measures to save the design and features of the product during storage.

Observe the following recommendations when removing the product from storage and preparing for installation:

- remove the product from the packaging material (polyethylene, cardboard, other packaging materials);
- remove dust and other contaminants from the surface of the product;
- check that the parts are complete and not damaged.

Information about storage

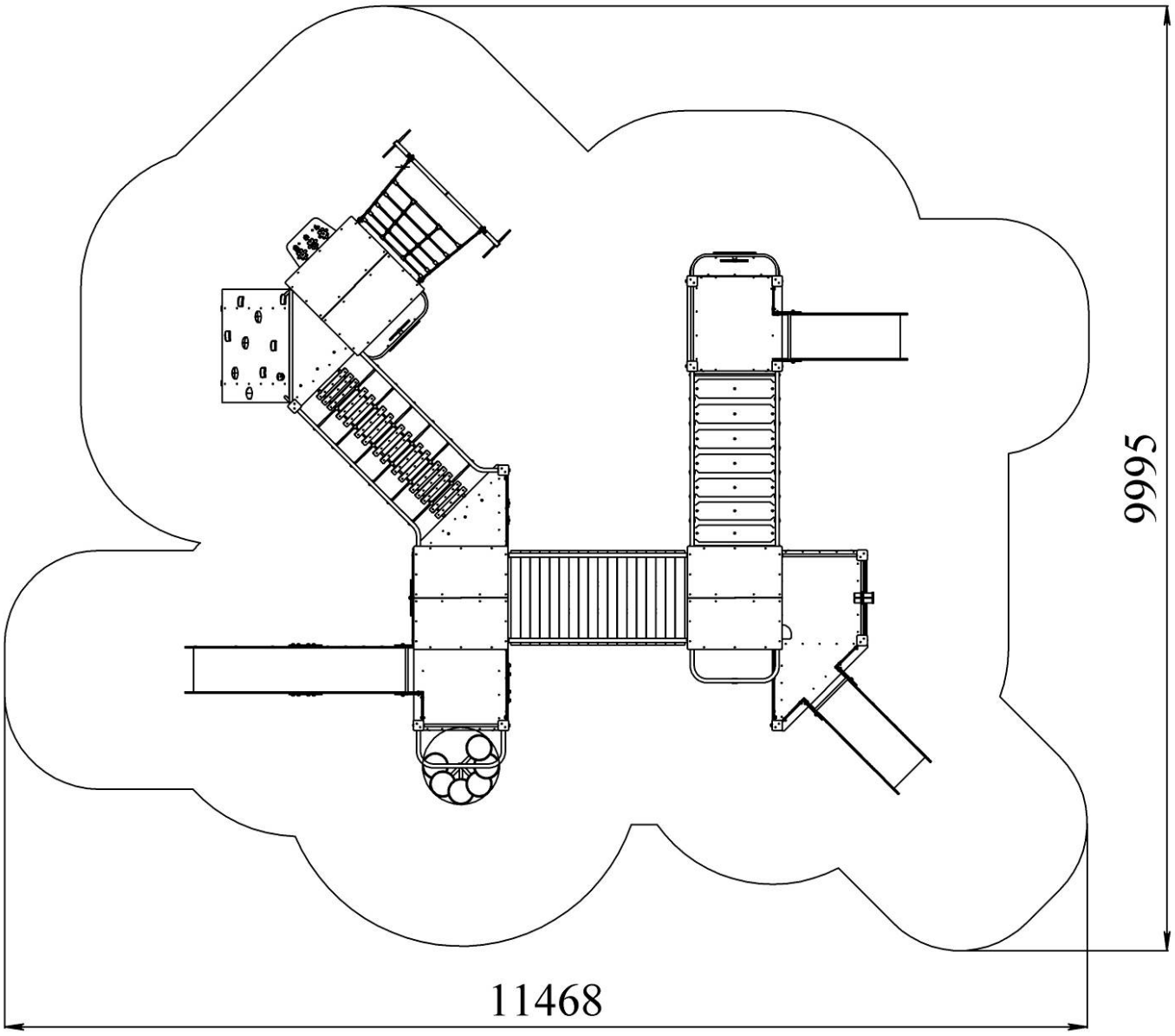
Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

After the end of the equipment's service life, the buyer determines the procedure for its usage by himself. If you decide to recycle the equipment, please contact the seller or specialised organisations.

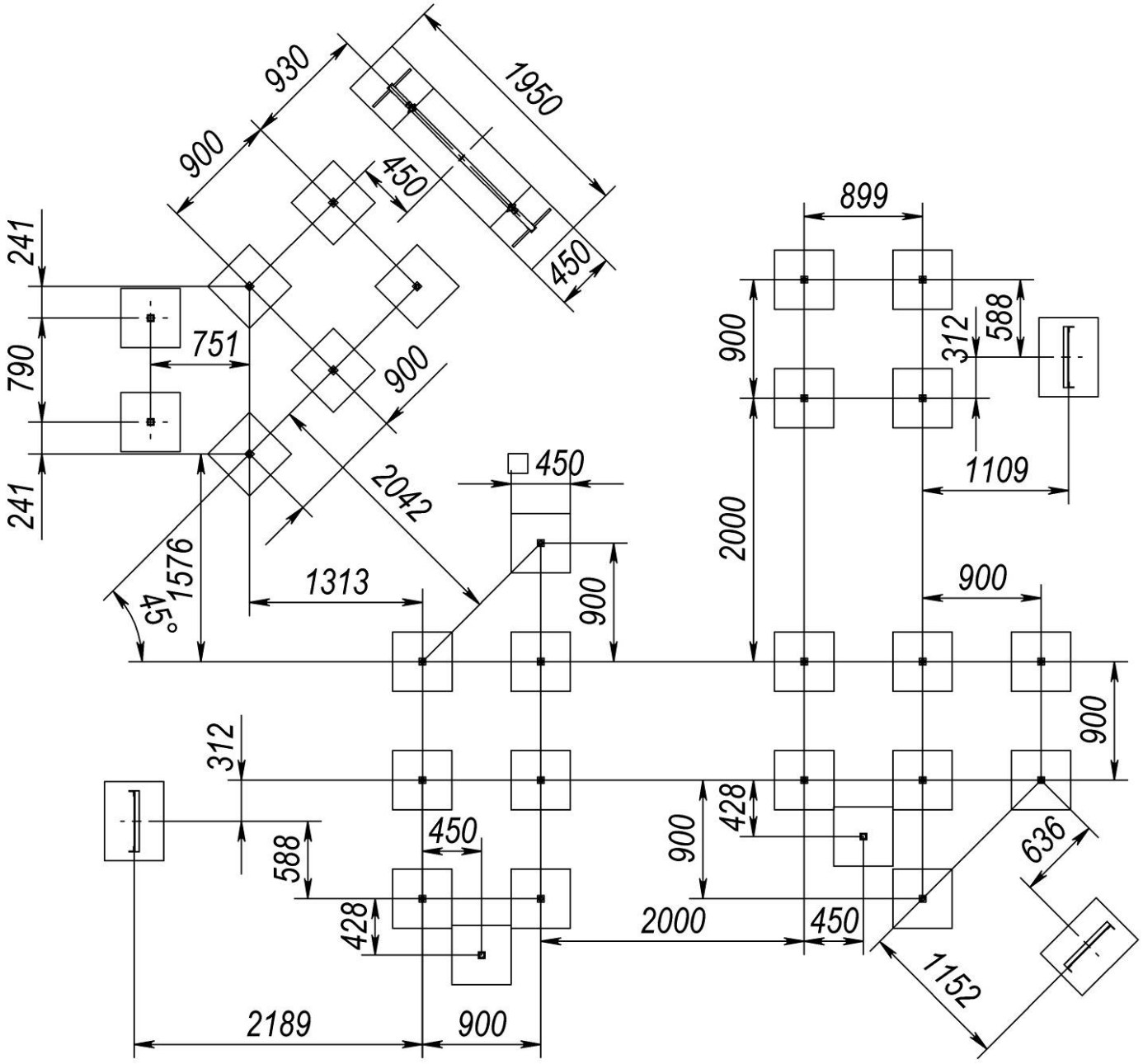
The equipment does not contain any harmful impurities or materials that can harm your health and is does not need special recycling.

6. TECHNICAL CHARACTERISTICS AND ASSEMBLY SCHEMES

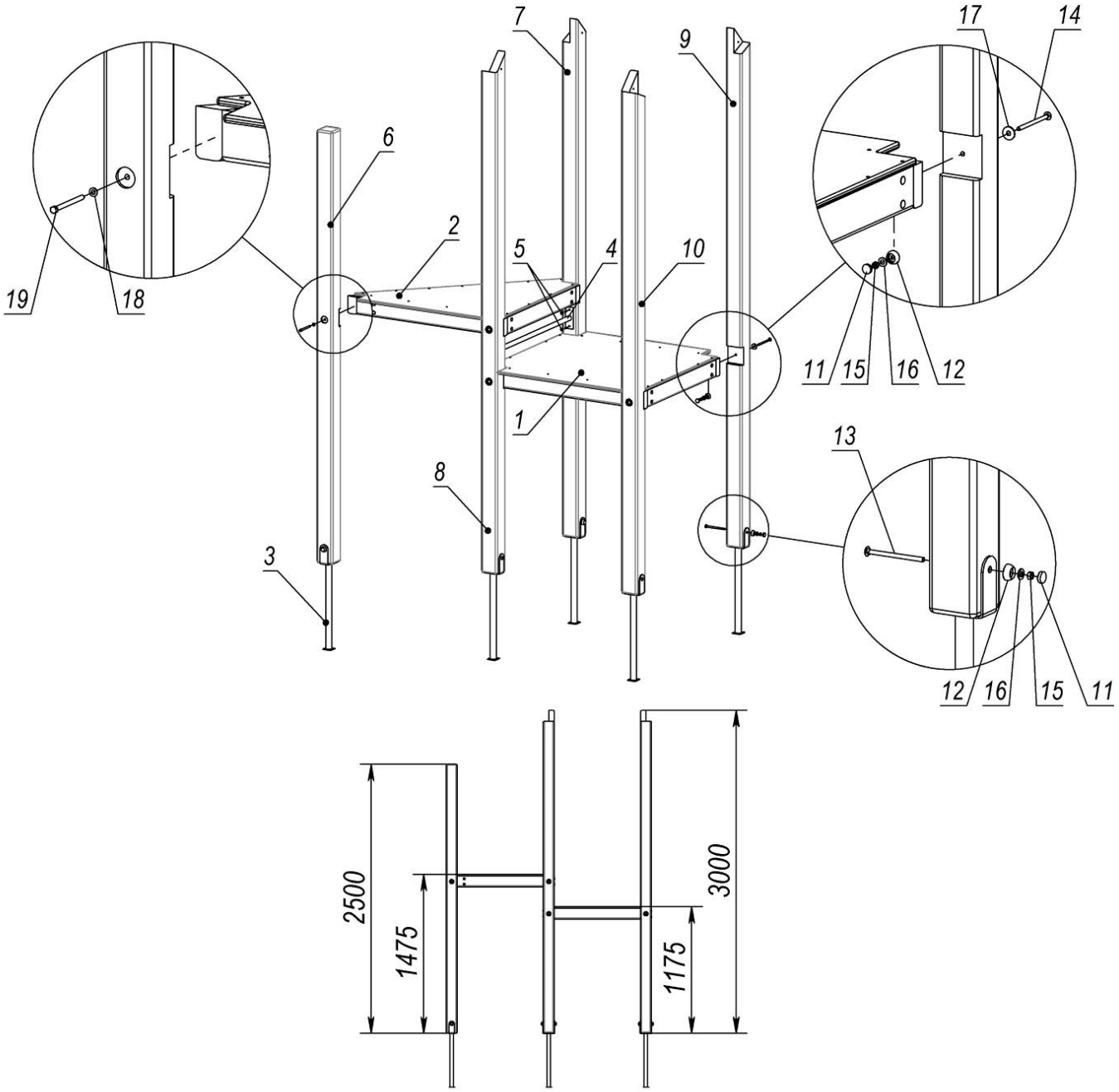
Length, mm	**7903**
Width, mm	**6740**
Height, mm	**3463**
Weight, kg	**1190**
Free fall height, mm	**1530**
Age range, years	**to 12**
Weight limits, kg	**to 60**



Picture 1 – Landing zone



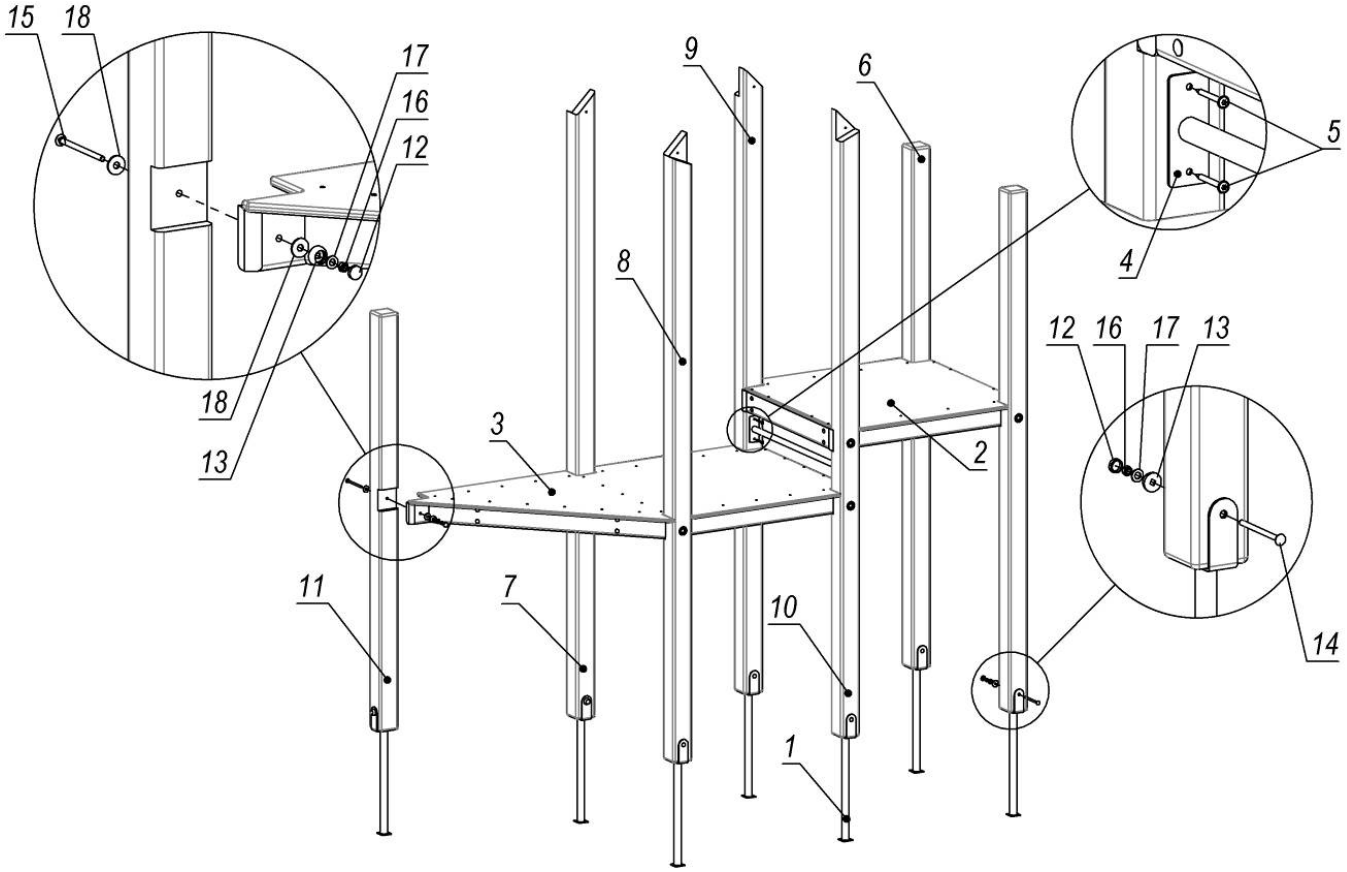
Picture 2 – Layout scheme of foundations

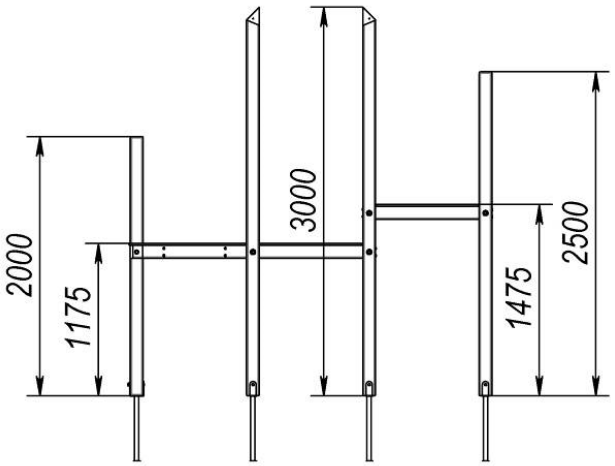


Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m	19	1
2	Site 3-sided	14	1
3	Beam support	2	5
4	Brace rod 0.8 m	1	1
5	Screw 6.0 SPAX T-STAR plus with press washer (univers.)		4
6	Beam 2.5m (mortise 1.5m)	15	1
7	Beam 3m (mortise 1.2 and 1.5m)	17	1
8	Beam 3m (mortise 1.2 and 1.5m)	17	1
9	Beam 3m (mortise 1.2)	17	1
10	Beam 3m (mortise 1.2)	17	1

Pos.	Name	Weight, kg	Q-ty
11	Cap M8		11
12	Cup M8		11
13	Bolt M8*120		5
14	Bolt M8*130		6
15	Nut M8		11
16	Washer 10		11
17	Washer 10		6
18	Washer 8		1
19	Screw 8x110		1

Picture 3 – Double angular tower (1,2-1,5m)

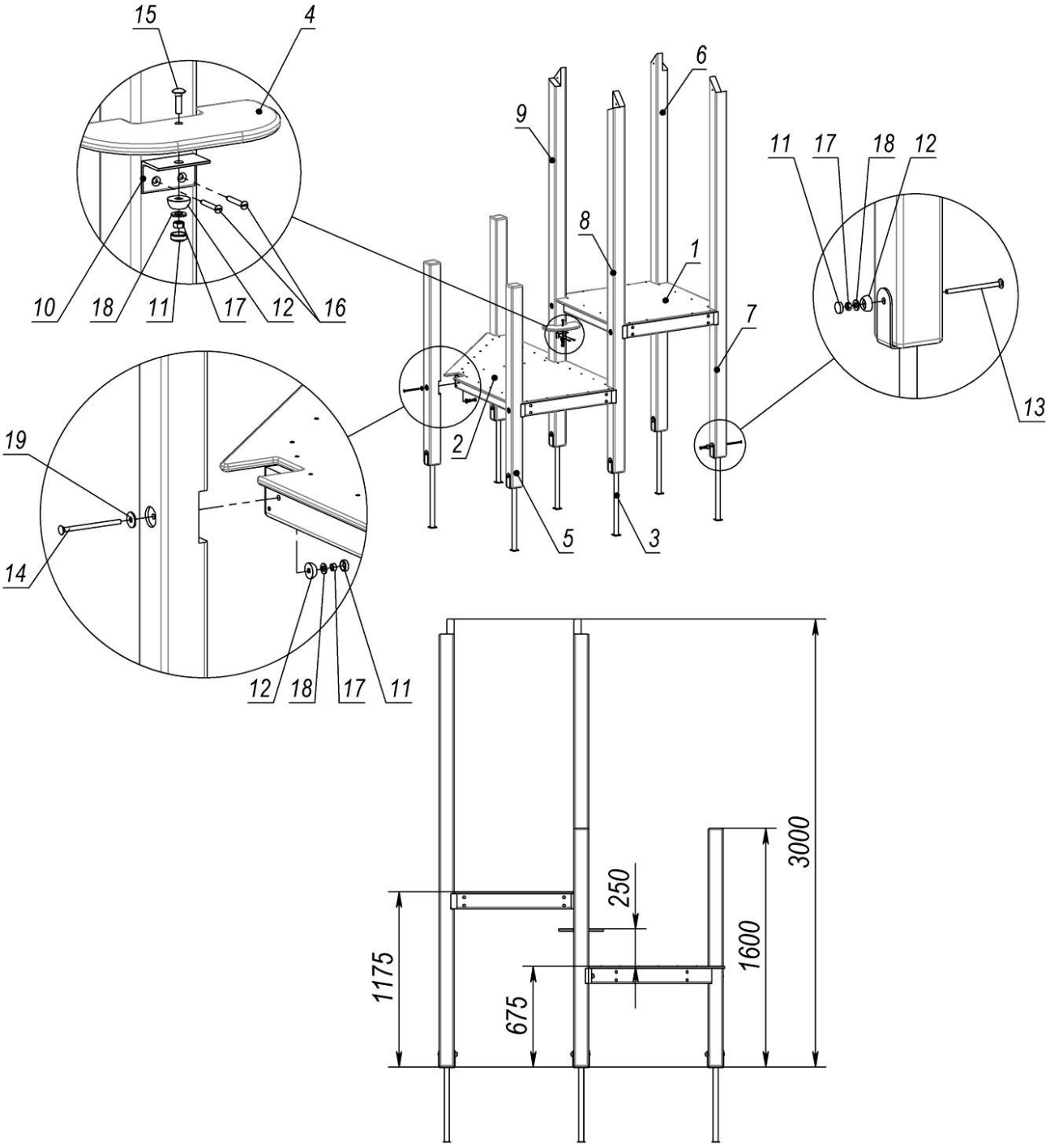




Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	7
2	Site 1x1 m	19	1
3	Double angular site (1x1.9)	31	1
4	Brace rod 0.8m	1	1
5	Screw 6.0 SPAX T-STAR plus with press washer (univers.)		4
6	Beam 2.5m (mortise 1.5m)	15	2
7	Beam 3m (mortise 1.2)	17	1
8	Beam 3m (mortise 1.2)	17	1
9	Beam 3m (mortise 1.2 and 1.5m)		1
10	Beam 3m (mortise 1.2 and 1.5m)		1

Pos.	Name	Weight, kg	Q-ty
11	Beam 2m (mortise 1.5m)	12	1
12	Cap M8		16
13	Cup M8		16
14	Bolt M8*120		7
15	Bolt M8*130		9
16	Nut M8		16
17	Washer 10		16
18	Washer 10		10

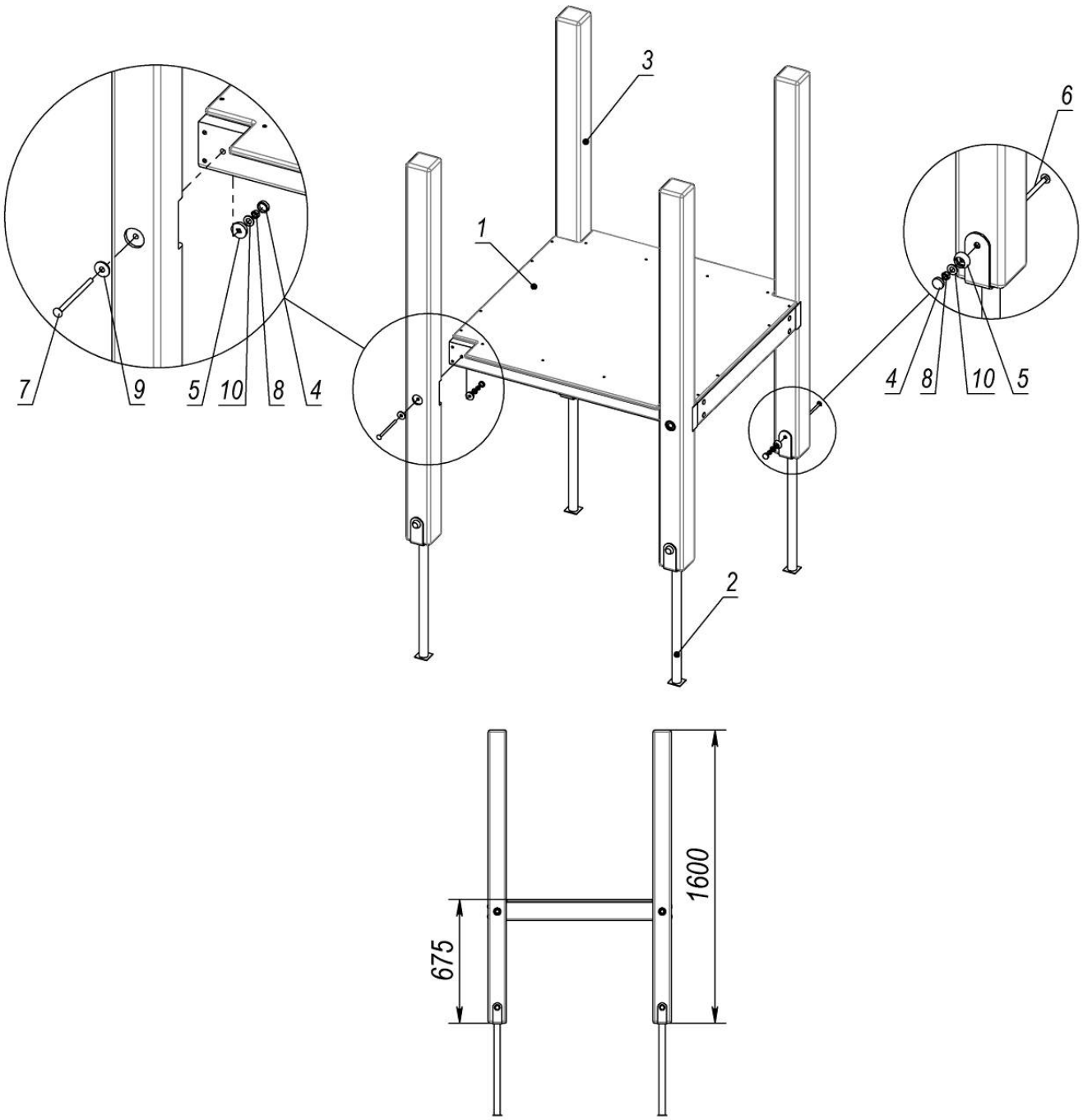
Picture 4 – Angular tower 1,2-1,2-1,5m



Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m	19	1
2	Site double (1x1.9) angular	31	1
3	Beam support	2	7
4	Step (150x300)		1
5	Beam 1.6 m (mortise 0.7m)	9	3
6	Beam 3m (mortise 1.2)	17	1
7	Beam 3m (mortise 1.2)	17	1
8	Beam 3m (mortise 1.2-0.7)	17	1
9	Beam 3m (mortise 1.2-0.7)	17	1
10	Angle bar big		1

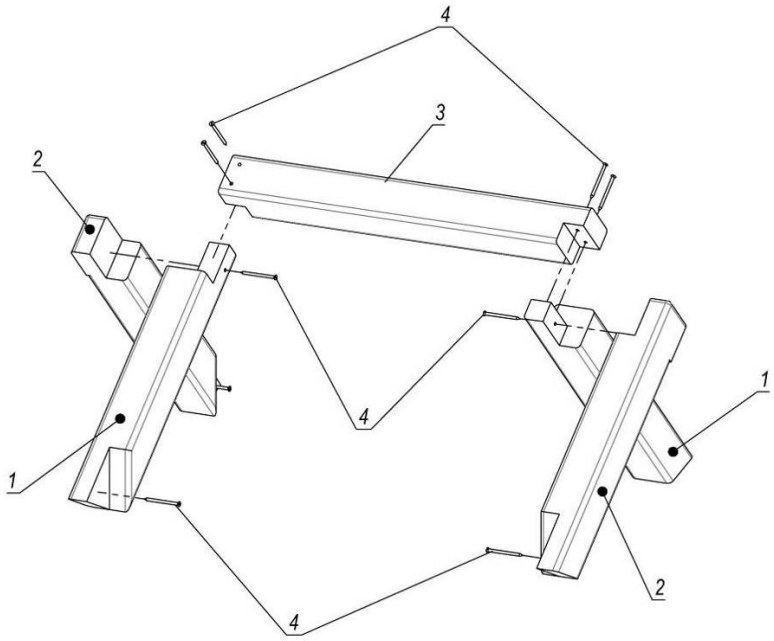
Pos.	Name	Weight, kg	Q-ty
11	Cap M8		17
12	Cup M8		17
13	Bolt M8*120		7
14	Bolt M8*130		9
15	Bolt M8*30		1
16	Screw 6x50		2
17	Nut M8		17
18	Washer 10		17
19	Washer 10		10

Picture 5 – Triple tower 0,7-0,7-1,2m

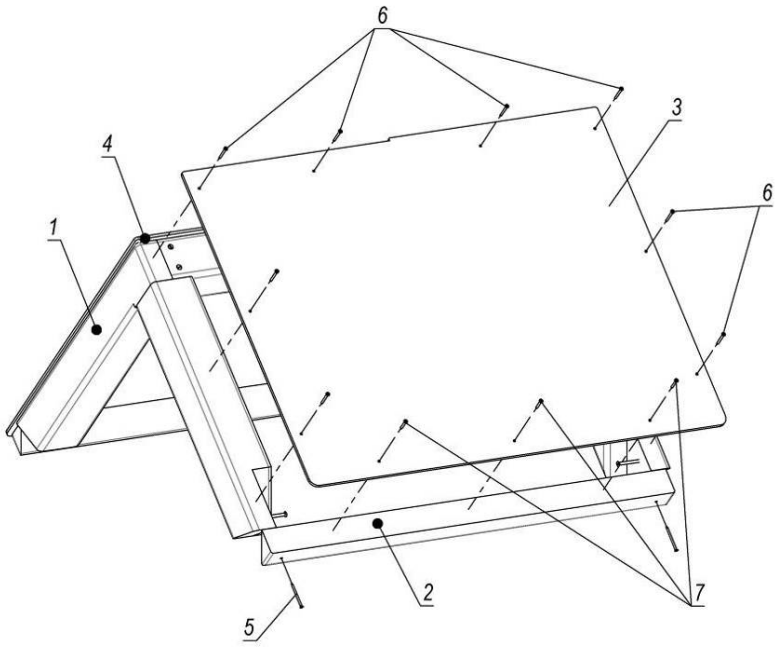


Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m	19	1
2	Beam support	2	4
3	Beam 1.6 m (mortise 0.7m)	9	4
4	Cap M8		8
5	Cup M8		8
6	Bolt M8*120		4
7	Bolt M8*130		4
8	Nut M8		8
9	Washer 10		4
10	Washer 10		8

Picture 6 - Tower 0,7

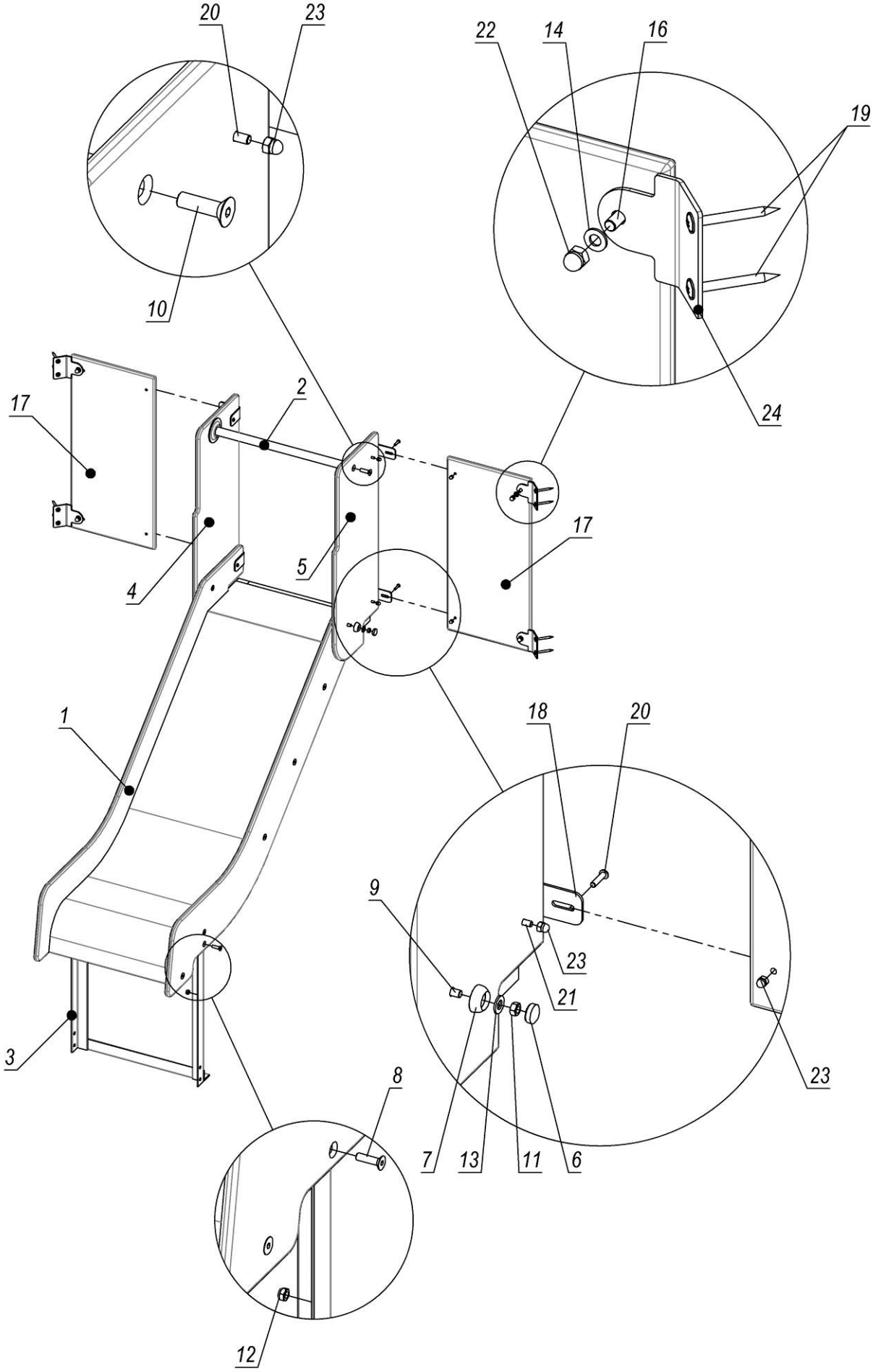


Pos.	Name	Weight, kg	Q-ty
1	Front pediment		2
2	Back pediment		2
3	Roof ridge (100x100x900)	5	1
4	Screw 6x90		10

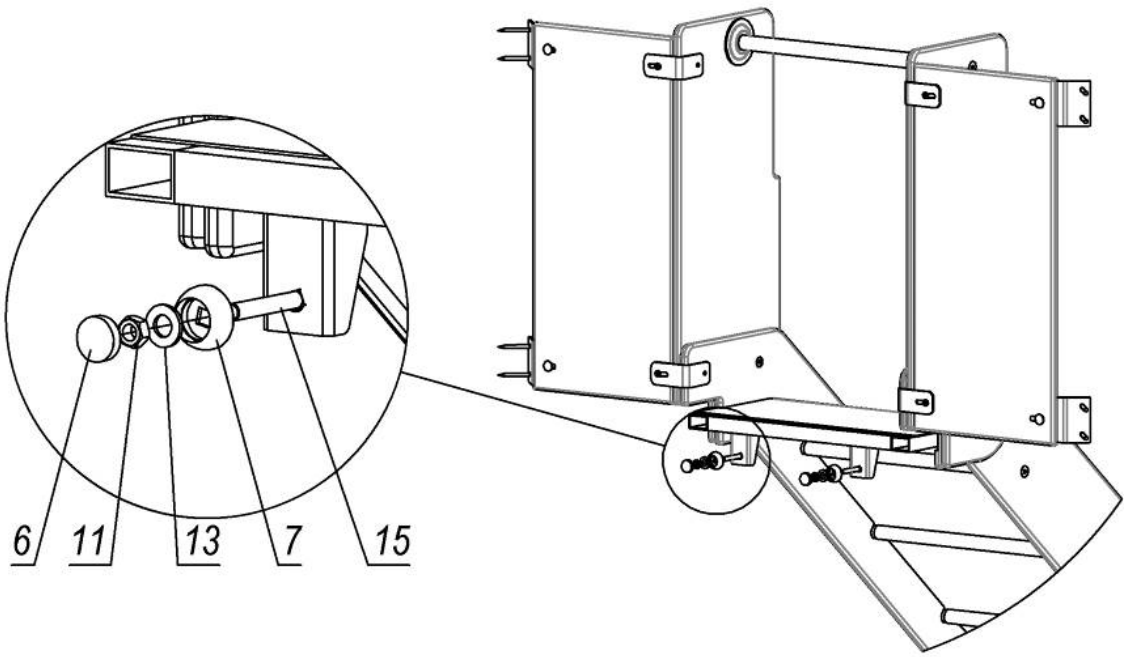


Pos.	Name	Weight, kg	Q-ty
1	Roof	19	1
2	Bar 970 mm		2
3	Roof slope (775x1000)	5	1
4	Roof slope (775x1000)	5	1
5	Screw 4x60		4
6	Screw 4x40		16
7	Screw 4x30		6

Picture 7 – Roof assembly scheme

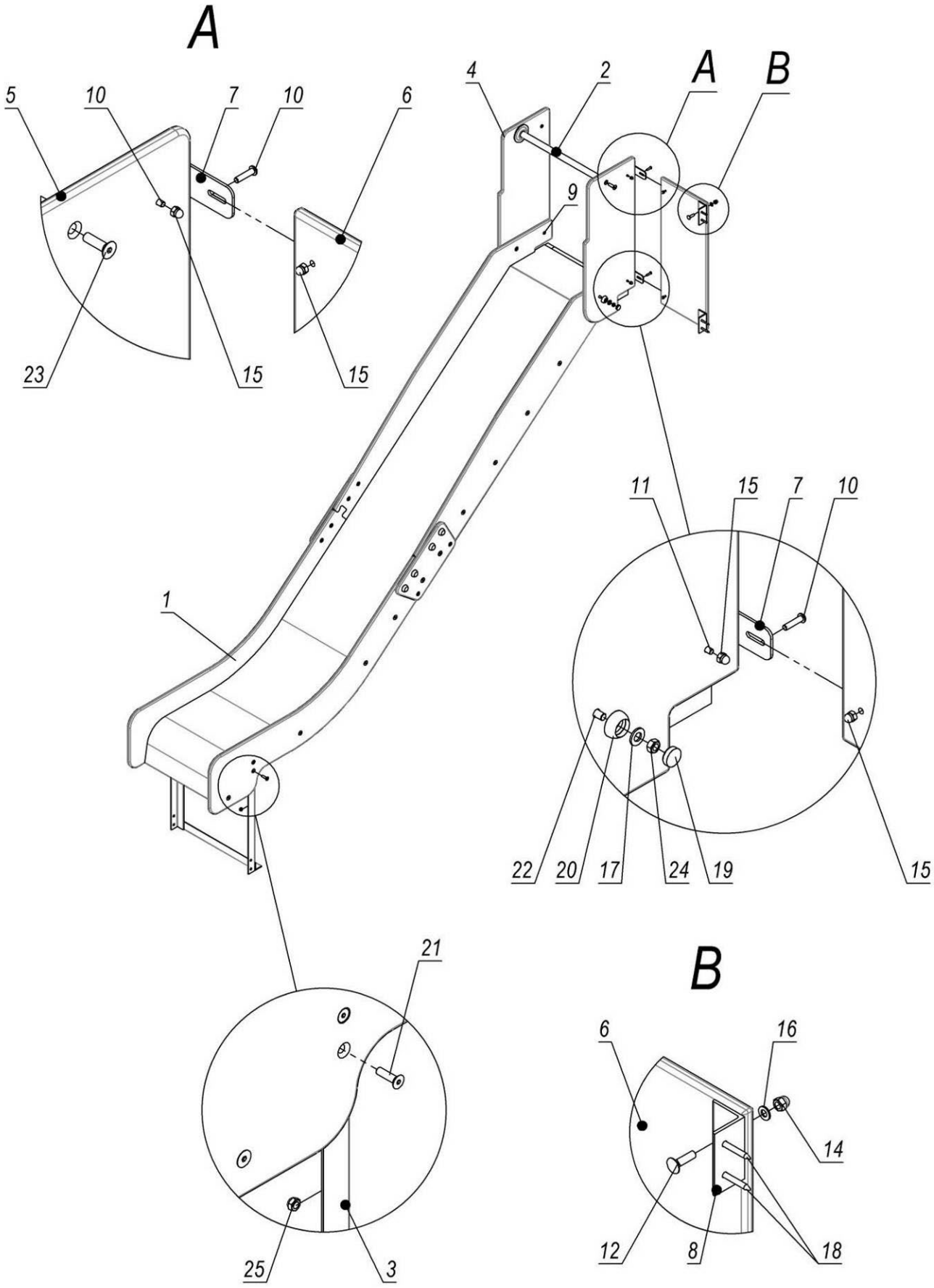


Picture 8

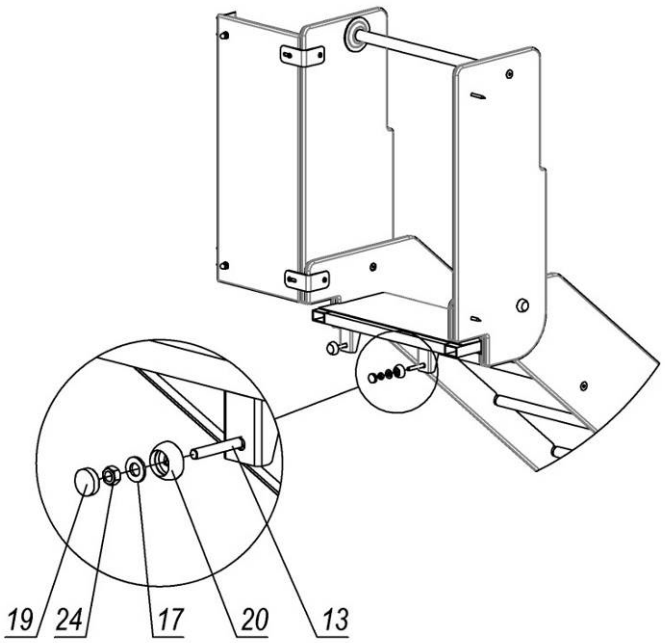


Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7 m	21	1
2	Brace rod 493 mm	1	1
3	Slide slip (angle)	5	1
4	Upper right sidepart	3	1
5	Upper right sidepart	3	1
6	Cap M8		4
7	Cup M8		4
8	Stud M8x30 DIN7991	14	4
9	Stud M8x40 DIN7991	18	2
10	Stud M10x35 DIN7991	26	2
11	Nut M8		4
12	Nut M8 DIN985		4
13	Washer 10		4
14	Washer 8		4
15	Bolt M8*55		2
16	Bolt M8*30		4
17	Partition (306-650)	3	2
18	Slide angle bar		4
19	Screw 6.0x60 SPAX T-STAR plus with press washer (univers.)		8
20	Stud M6x25 ISO7380		6
21	Stud M6x40 ISO7380		2
22	Cap nut M8 DIN1587		4
23	Cap nut M6 DIN1587		8
24	Angle bar 135 degrees		4

Picture 8.1 - Slide assembly scheme 0,7 double

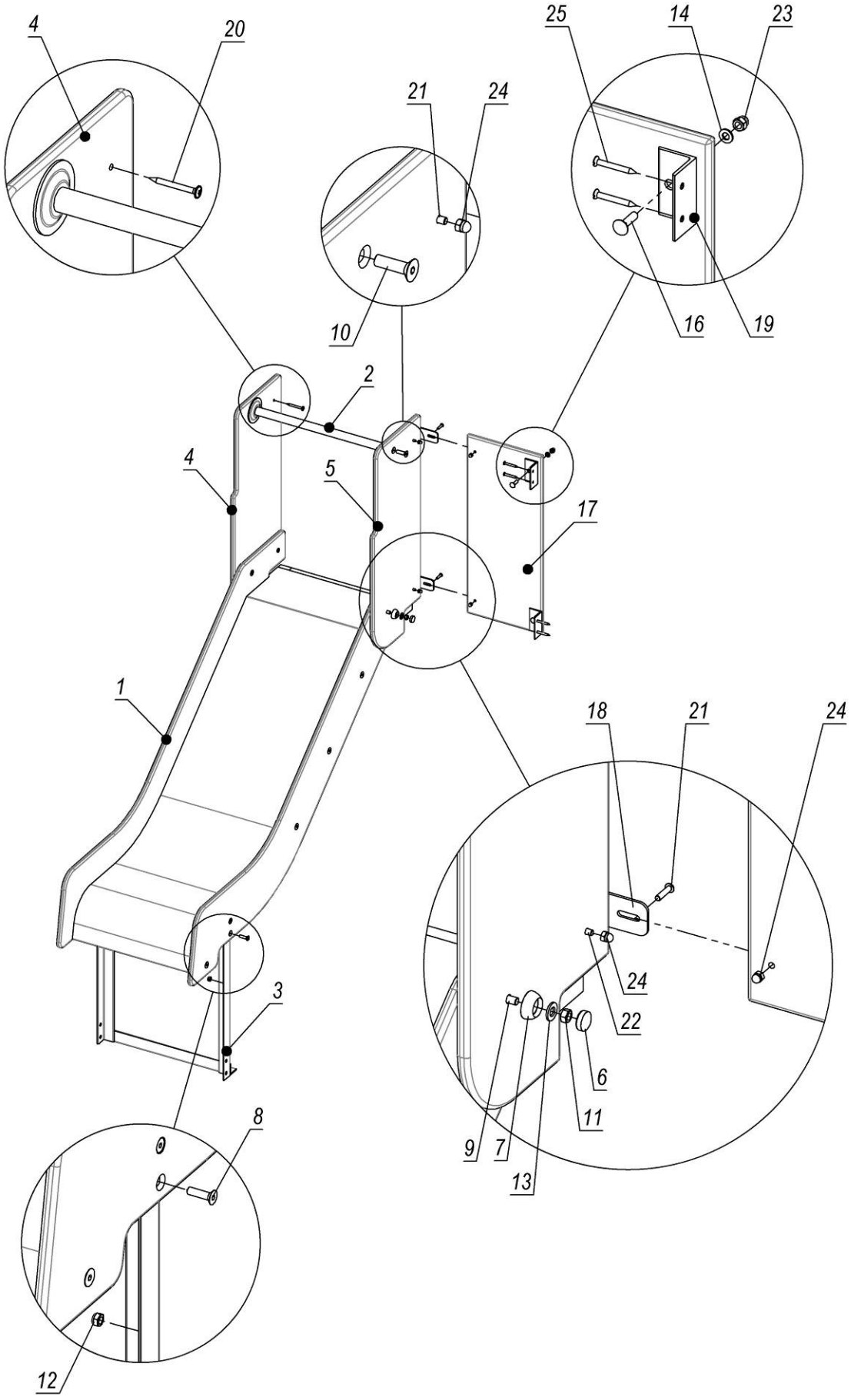

A
5
10
7
10
6
23
15
15
4
2
A
B
9
1
11
15
7
10
22
20
17
24
19
15
21
25
3
B
6
16
14
12
8
18

Picture 9

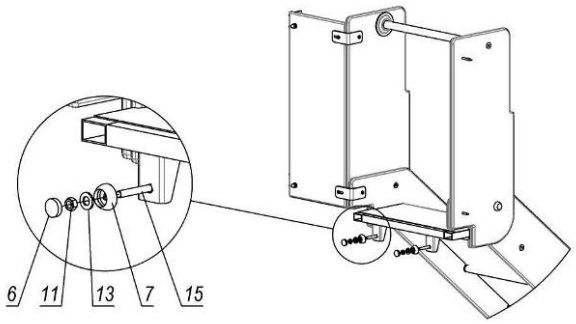


Pos.	Name	Weight, kg	Q-ty
1	Slide 1.5m	44	1
2	Brace rod 493 mm	1	1
3	Slide slip	5	1
4	Upper right sidepart	3	1
5	Upper left sidepart	3	1
6	Partition	3	1
7	Slide angle bar		2
8	Angle bar big		2
9	Screw 6.0x60 SPAX T-STAR plus (univers.)		2
10	Stud M6x25 ISO7380		3
11	Stud M6x40 ISO7380		1
12	Bolt M8*30		2
13	Bolt M8*55		2
14	Cap nut M8 DIN1587		2
15	Cap nut M6 DIN1587		4
16	Washer 8		2
17	Washer 10		4
18	Screw 6x50		4
19	Cap M8		4
20	Cup M8		4
21	Stud M8x30 DIN7991		4
22	Stud M8x40 DIN7991		2
23	Stud M10x35 DIN7991		2
24	Nut M8		4
25	Nut M8 DIN985		4

Picture 9.1 – Slide assembly scheme 1,5m

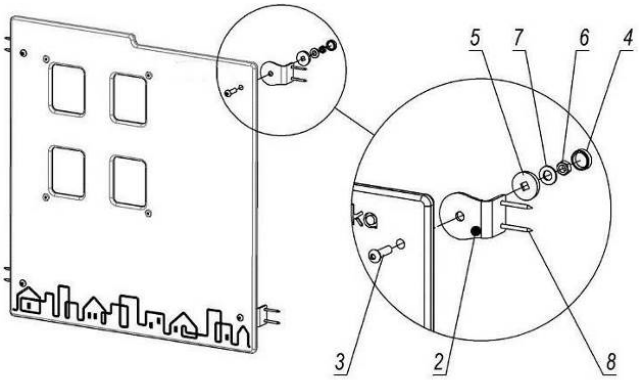


Picture 10



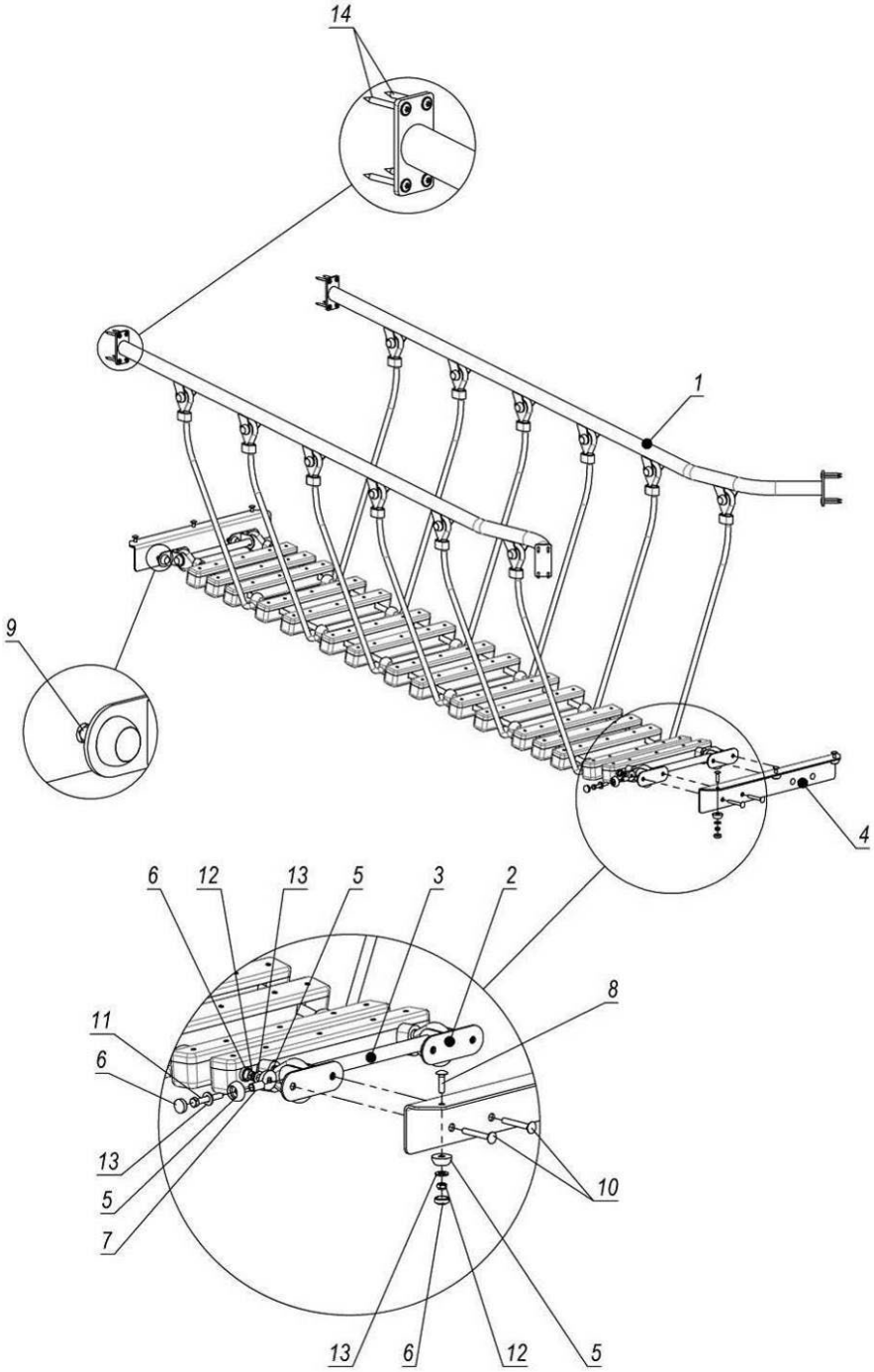
Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7 m	21	1
2	Brace rod 493 mm	1	1
3	Slide slip (angle)	5	1
4	Upper right sidepart	3	1
5	Upper right sidepart	3	1
6	Cap M8		4
7	Cup M8		4
8	Stud M8x30 DIN7991		4
9	Stud M8x40 DIN7991		2
10	Stud M10x35 DIN7991		2
11	Nut M8		4
12	Nut M8 DIN985		4
13	Washer 10		4
14	Washer 8		2
15	Bolt M8*55		2
16	Bolt M8*30		2
17	Partition (275x650)	3	1
18	Slide angle bar		2
19	Angle bar big		2
20	Screw 6.0x60 SPAX T-STAR plus with press washer (univers.)		2
21	Stud M6x25 ISO7380		3
22	Stud M6x40 ISO7380		1
23	Cap nut M8 DIN1587		2
24	Cap nut M6 DIN1587		4
25	Screw 6x50		4

Picture 10.1 – slide assembly scheme 0,7m



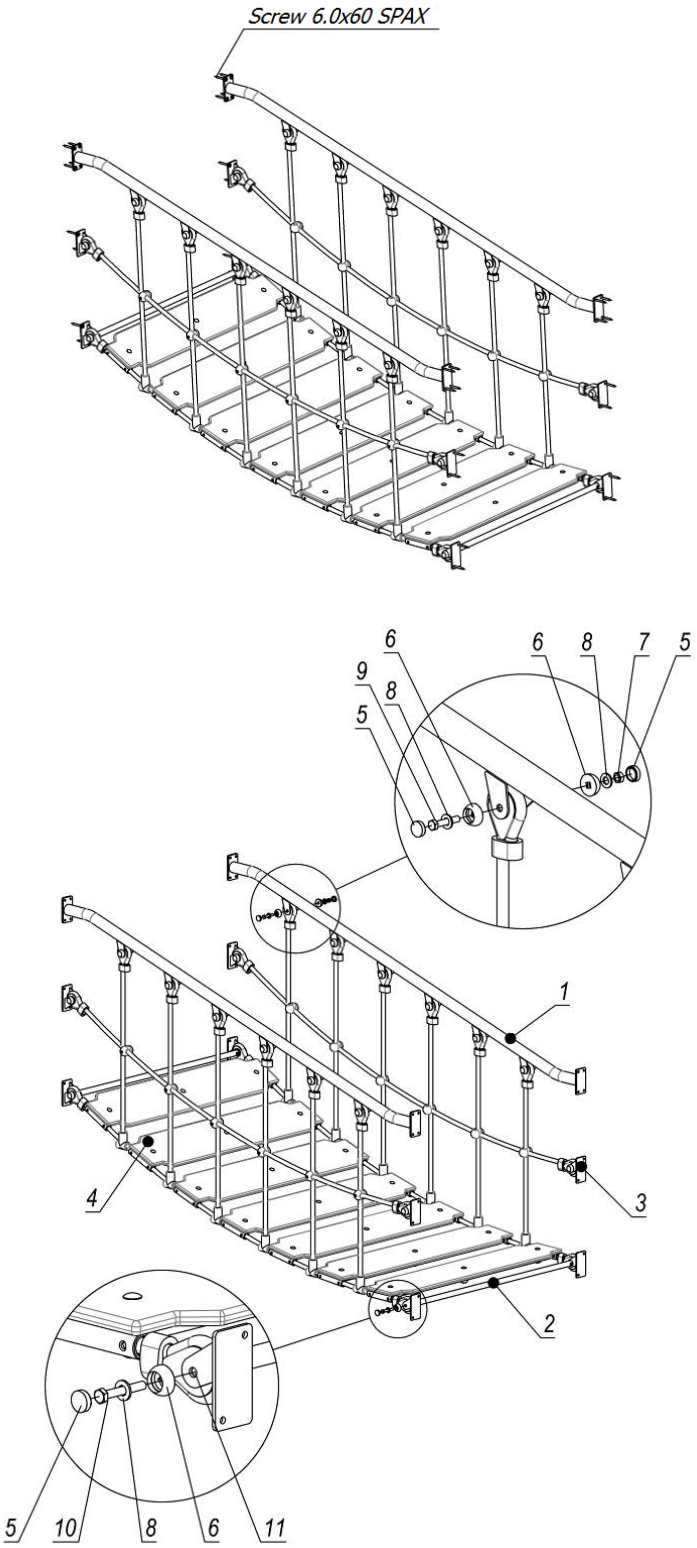
Pos.	Name	Weight, kg	Q-ty
1	Panel 0.6m "Window" left	5	1
2	Corner bracket 40x60		4
3	Stud M8x30 ISO7380		4
4	Cap M8		4
5	Cup M8		4
6	Nut m8		4
7	Washer 10		4
8	Screw 4x40		8

Picture 11 – Panel assembly scheme (assembly of other panels is identical)
(Fastening of other panels is identical)



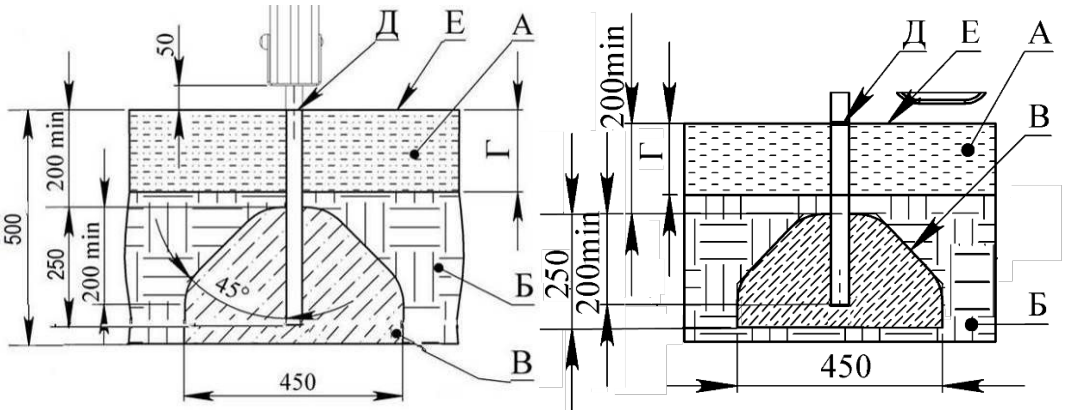
Pos.	Name	Weight, kg	Q-ty
1	Angle rope bridge 0.95x1.9	33	1
2	Bracket for thimble		4
3	Screed-limiter DN15		2
4	Fixing flange 580 mm	2	2
5	Cup M8		18
6	Cap M8		18
7	Tube d12x1.5, L=22 mm		6
8	Bolt M8*30		6
9	Bolt M8*45		4
10	Bolt M8*60		4
11	Bolt M8*55		4
12	Nut M8 DIN985		14
13	Washer 10		18
14	Screw 6.0x60 SPAX T-STAR plus (univers.)		16

Picture 12–Assembly scheme of angled rope bridge. Additionally, the scheme of fastening in «Appendix»



Pos.	Name	Weight, kg	Q-ty
1	Railing of rope bridge 1.9m	6	2
2	Screed-limiter	1	2
3	Bracket		8
4	Bridge net (drop 0.5m)	41	1
5	Cap M8		36
6	Cup M8		36
7	Nut M8		16
8	Washer 10		36
9	Bolt M8*45		16
10	Bolt M8*55		4
11	Tube d12x1.5, L=22 mm		20

Picture 13 – Assembly scheme of rope bridge 1,9m. Additionally, the scheme of fastening in «Appendix»



For beams support and other elements for the slides of the complex

А – shock-absorbing coating;

Б – soil;

В – concrete;

Г – depth of the shock-absorbing coating;

Д – product level plane;

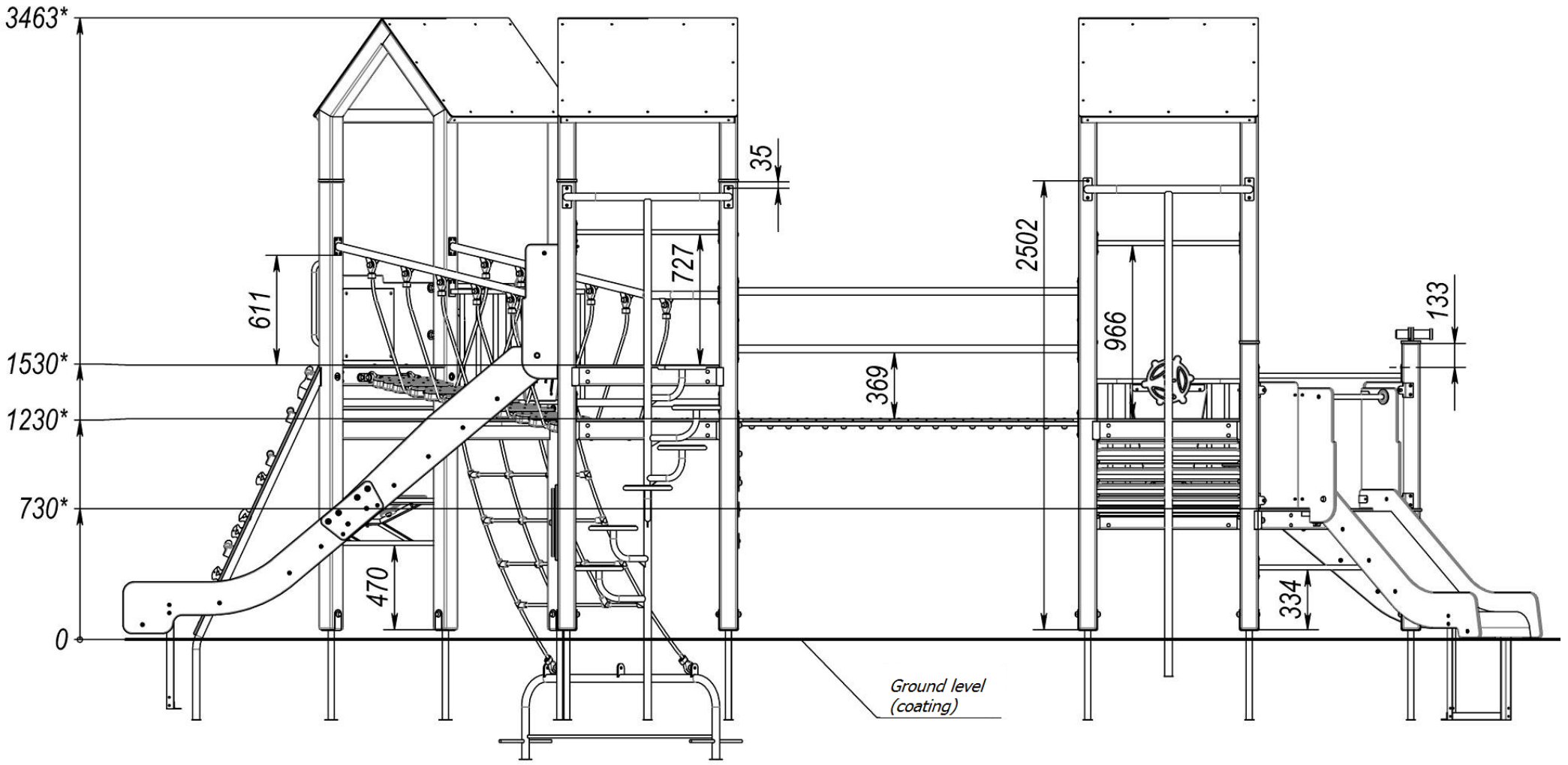
Е – game surface.

Examples of impact-absorbing coatings

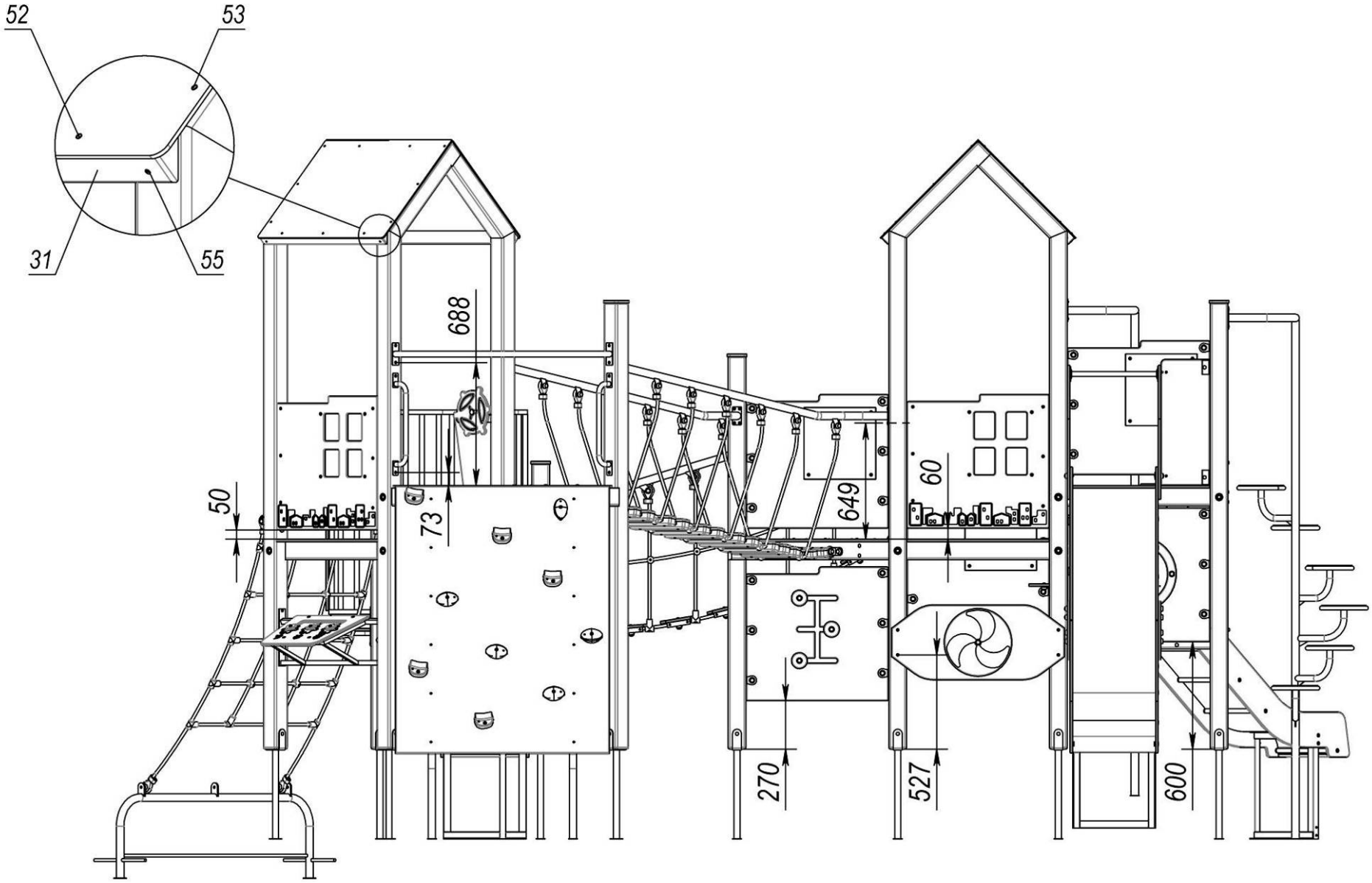
Material[1]	Description	Minimal depth, mm	Free fall height, mm
Turf			≤ 1000
Tree bark	grain size 20-80 mm	200	≤ 2000
		300	≤ 3000
Sawdust	grain size 5-30 mm	200	≤ 2000
		300	≤ 3000
Sand[2]	grain size 0.2-2 mm	200	≤ 2000
		300	≤ 3000
Gravel[2]	grain size 2-8 mm	200	≤ 2000
		300	≤ 3000
Another material	HIC tested according to EN 1177	According to the test	According to the test

1. Materials are specially made for the playgrounds.
2. No clay inclusions should be present. Grain size is obtained by sieving through a sieve as in EN 933-1.

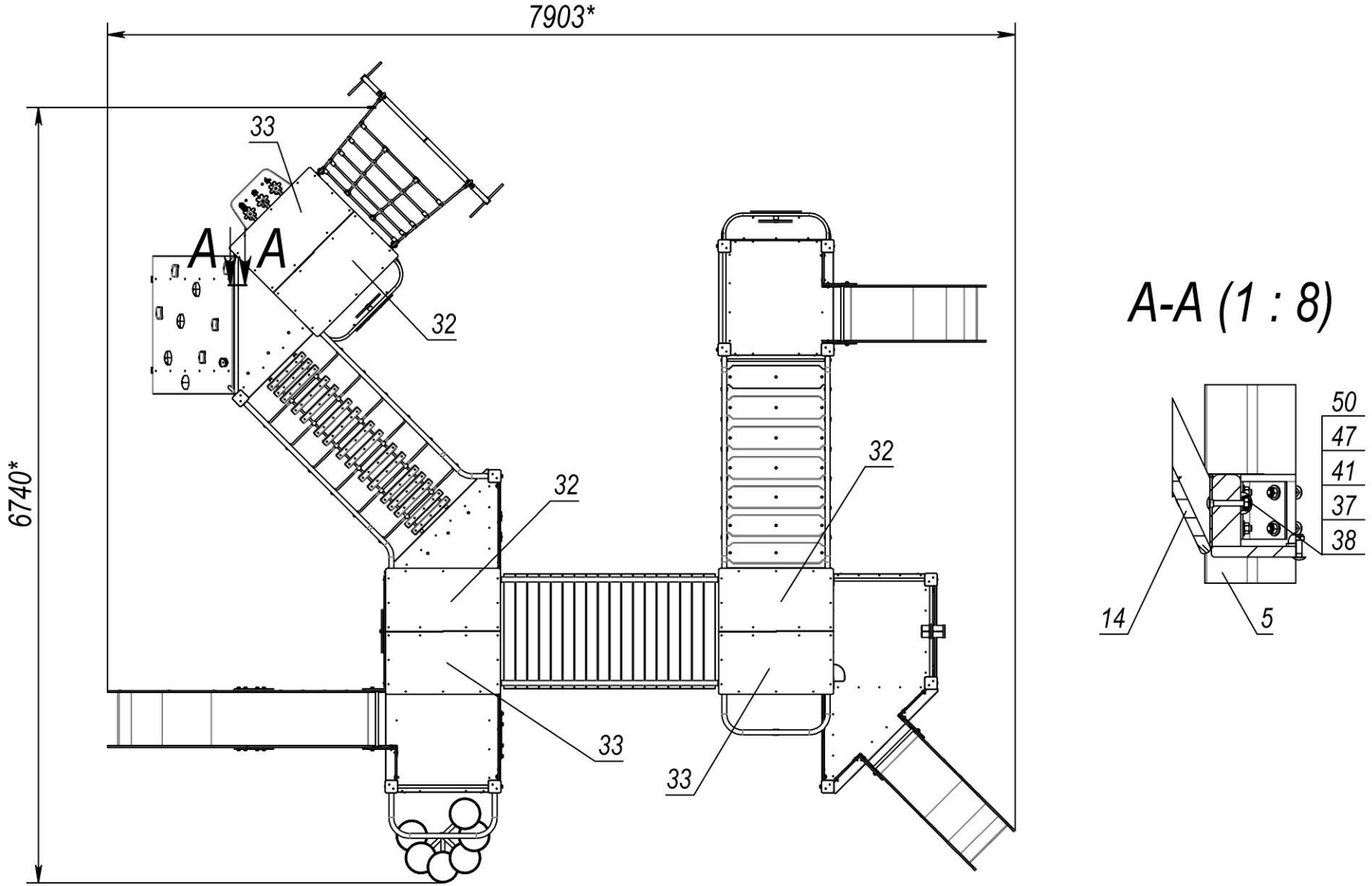
Picture 14 – Concreting scheme


3463*
1530*
1230*
730*
0
611
727
35
2502
966
369
133
470
334
Ground level
(coating)

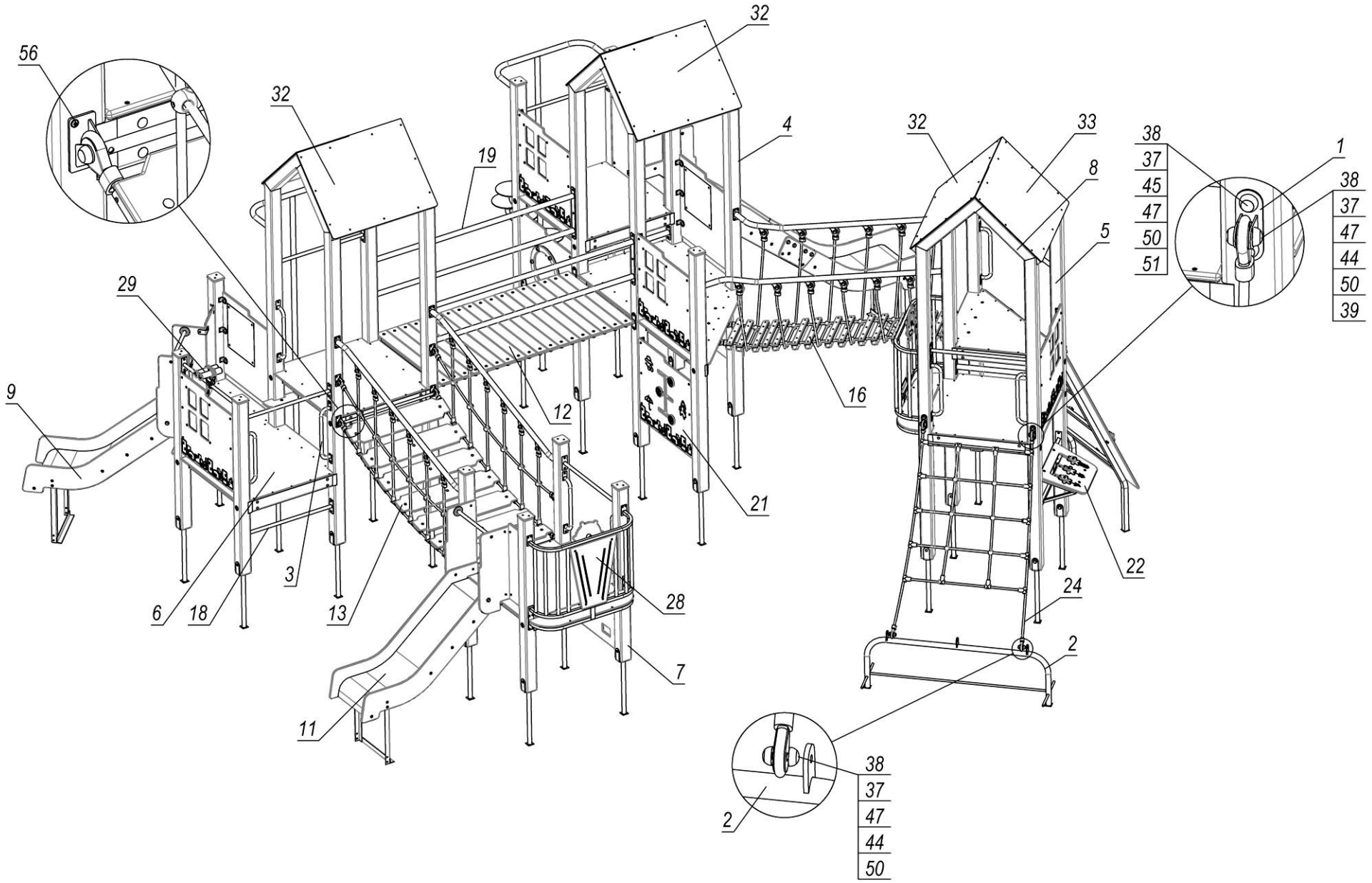
Picture 15



Picture 16



Picture 17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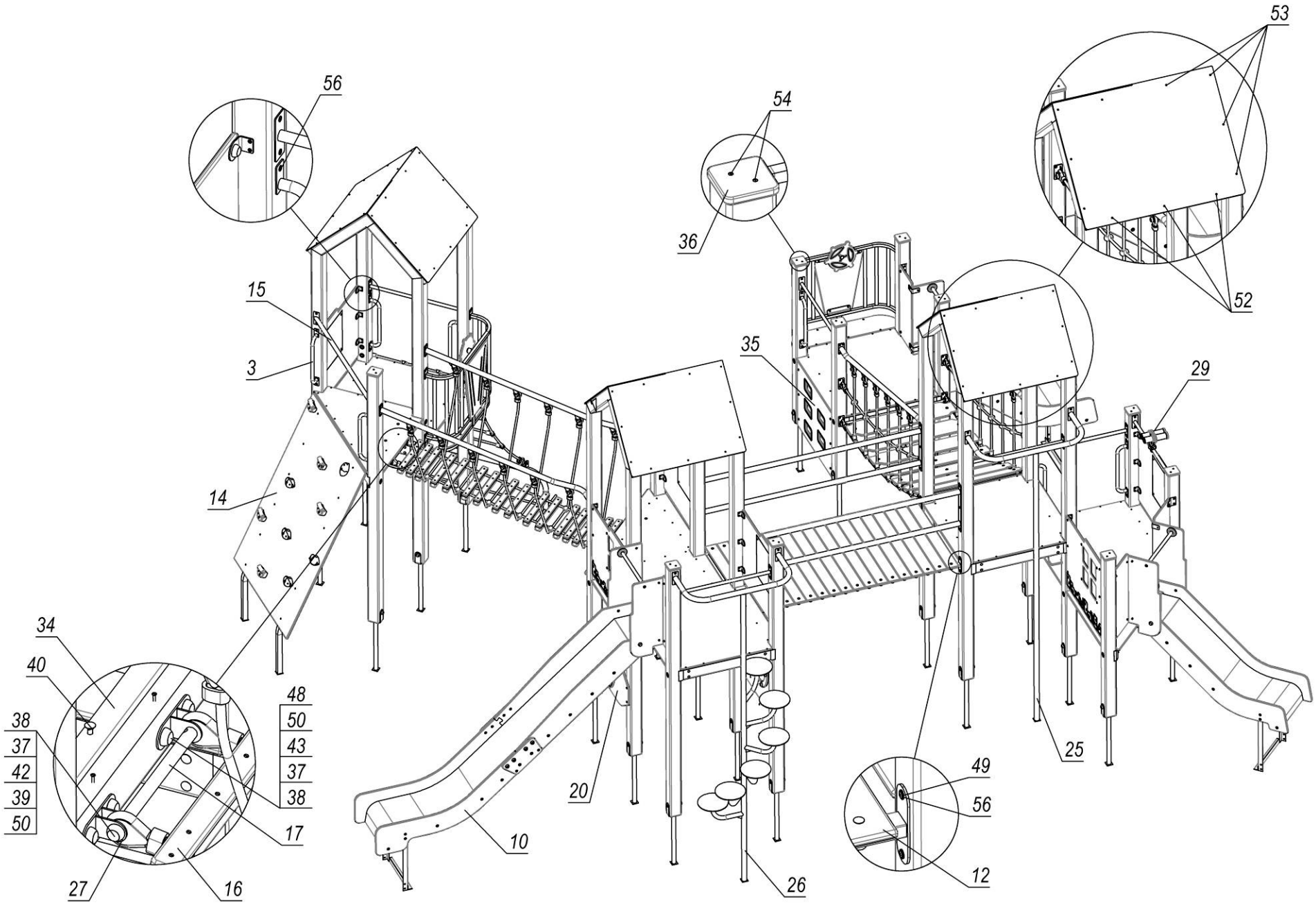
Picture 18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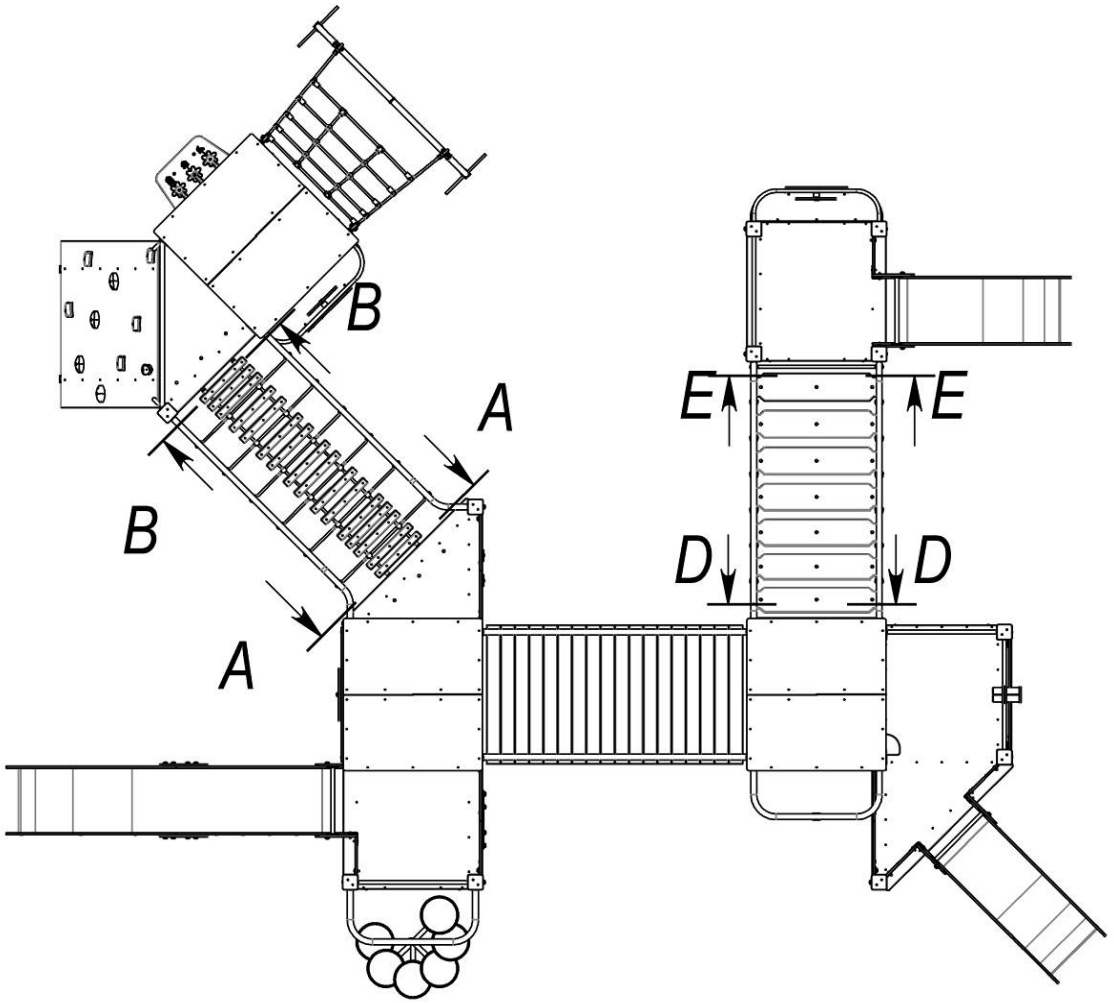
Picture 19

Pos.	Name	Weight, kg	Q-ty
1	Rope bracket		2
2	Embedded element of rope lift	10	1
3	Handle		9
4	Triple tower 1.2-1.2-1.5m	175	1
5	Double angle tower (1.2-1.5m)	127	1
6	Triple tower 0.7-0.7-1.2m	159	1
7	Tower (0.7m) beam 2.5m	63	1
8	Roof	19	3
9	Slide 0.7m assembly	41	1
10	Slide 1.5m assembly	60	1
11	Slide 0.7m assembly	37	1
12	Bridge straight	39	1
13	Rope bridge (drop 0.5m)	58	1
14	Climber's lift (1.5m) side	49	1
15	Angle brace rod (1.2m)	3	1
16	Rope angle bridge 0.95x1.9	33	1
17	Screed-limiter		2
18	Brace rod 0.8m	1	6
19	Straight railings	12	2
20	Panel "Illusion"		1
21	Panel "Puzzle" (0.75m) assembly	8	1
22	Game console (0.8m)	9	1
23	Vertical labyrinth	10	1
24	Rope ladder 1.2m	5	1
25	Pole 1.2m	12	1
26	Spiral ladder 1.5m	30	1
27	Bracket for thimble		4
28	Balcony (0.9m) plastic	22	2
29	Binoculars assembly	3	1

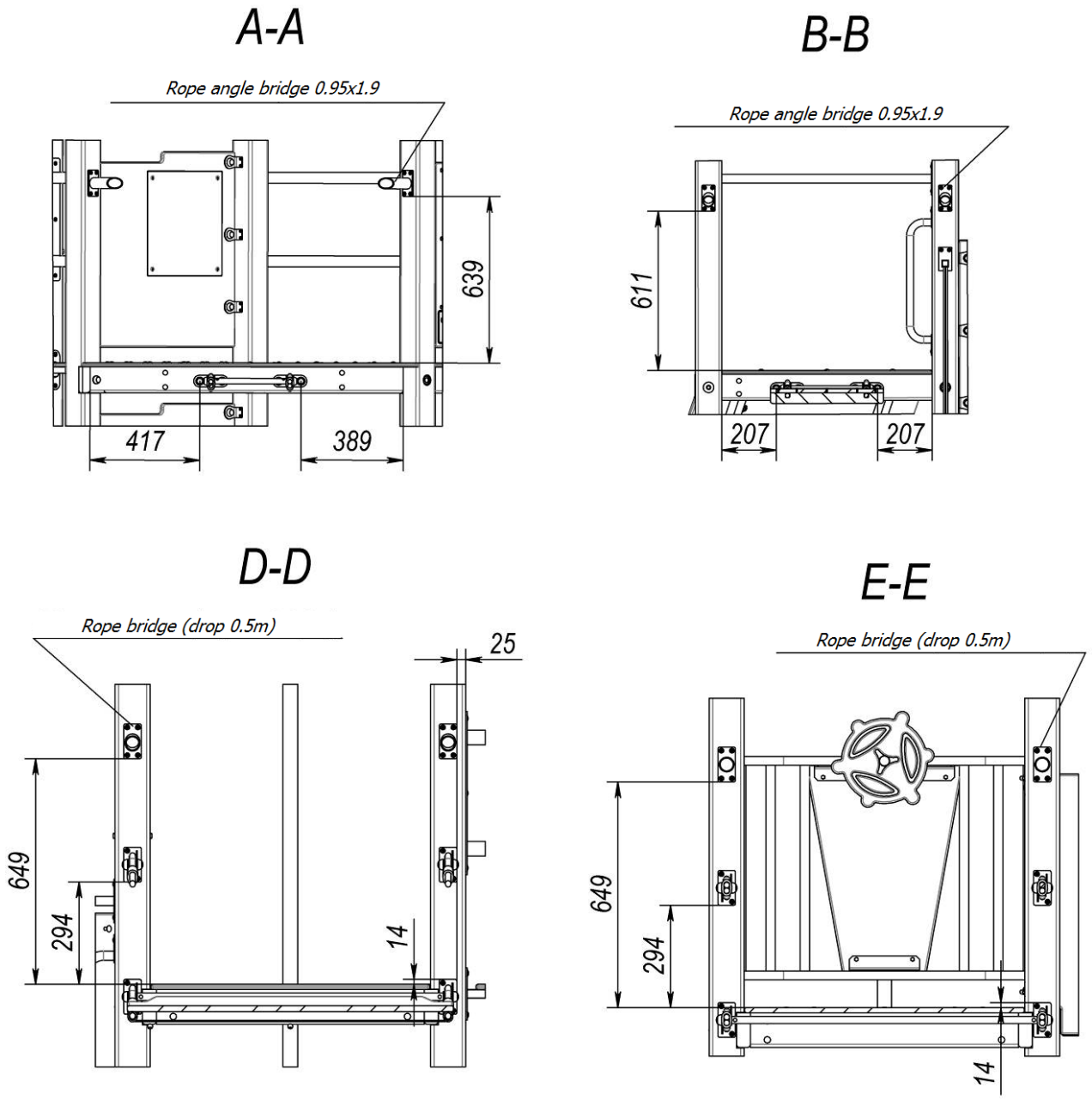
Pos.	Name	Weight, kg	Q-ty
30	Angle bracket 40x60		54
31	Bar 970 mm		6
32	Roof slope (775x1000)	5	3
33	Roof slope (775x1000)	5	3
34	Fastening flange (580 mm)	2	2
35	Panel "Flap"	7	1
36	Cap on bar		11
37	Cup M8		86
38	Cap M8		86
39	Tube d12x1.5, L=22mm		10
40	Bolt M8*30		6
41	Bolt M8*55		2
42	Bolt M8*55		4
43	Bolt M8*60		8
44	Bolt M8*45		4
45	Bolt M8*120		4
46	Stud M8x30 ISO7380		54
47	Nut M8		64
48	Nut M8 DIN985		14
49	Washer 8		8
50	Washer 10		86
51	Washer 12		4
52	Screw 4x30		18
53	Screw 4x40		48
54	Screw 4x40		130
55	Screw 4x60		12
56	Screw 6.0x60 SPAX T-STAR plus (univers.)		162
57	Panel (City) with windows	8	3
58	Panel (City) with windows	8	3

Picture 20

Additionally the scheme for fastening bridges



Picture 21


A-A
Rope angle bridge 0.95x1.9
639
417
389
B-B
Rope angle bridge 0.95x1.9
611
207
207
D-D
Rope bridge (drop 0.5m)
25
649
294
14
E-E
Rope bridge (drop 0.5m)
649
294
14

Picture 22