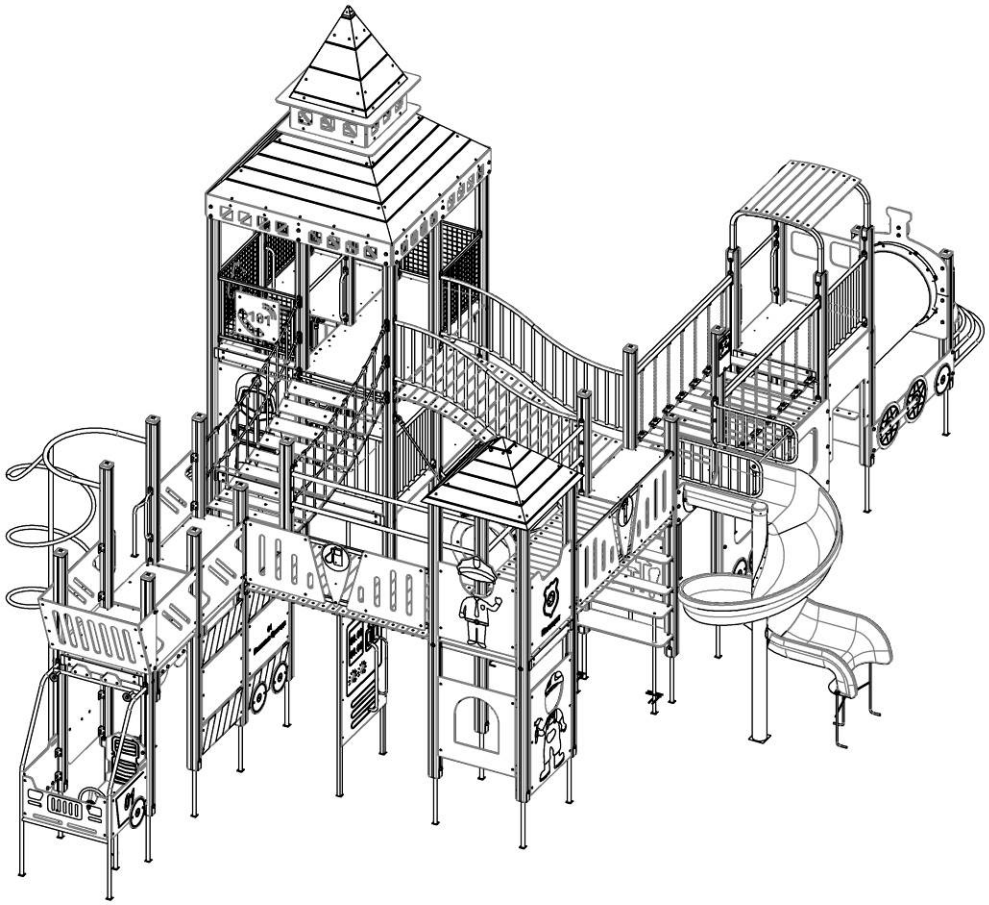
interatletika™

PRODUCTION AND SALE OF SPORTS GOODS
Customer support:
+38 095 273 81 53
play.interatletika.com

DATA SHEET

Playground complex " Transport mini" T922.1



CONTENT

1. GENERAL INFORMATION .....**Ошибка! Закладка не определена.**
2. MAIN TECHNICAL DATA AND CHARACTERISTICS 3
3. COMPLETENESS AND CHARACTERISTICS OF THE MAIN PARTS OF THE PRODUCT 3
4. PROCEDURE FOR ASSEMBLING AND INSTALLING THE PRODUCT..... 3
5. PRODUCT INSTALLATION SCHEME 3
6. PRODUCT USE.....**Ошибка! Закладка не определена.**
7. PRODUCT MAINTENANCE.....**Ошибка! Закладка не определена.**
8. INFORMATION ON STORAGE, TRANSPORT AND DISPOSAL**Ошибка! Закладка не определена.**

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. MAIN TECHNICAL DATA AND CHARACTERISTICS

Length, mm	**11887**
Width, mm	**7368**
Height, mm	**5368**
Weight, kg	**2136**
Free height of fall, mm	**2029**
Age restrictions, years	**from 7 to 12**
Weight limits, kg	**Up to 60**

3. COMPLETENESS AND CHARACTERISTICS OF THE MAIN PARTS OF THE PRODUCT

In order to simplify the assembly and documentation, the manufacturer has reserved the right to divide this playground into seven parts for convenience. Each part consists partly of modules and partly of assembly units.

A module is an assembly unit presented together with the fasteners necessary for installation in the playground.

An assembly unit is an assembled construction that is shipped in this form by the manufacturer. The fastening elements of the assembly unit are presented in the specifications for the parts of the game complex. The appendix below (pic. 1) shows an approximate dividing of this product.
The appearance of the complex, specifications, and the required geometric dimensions are also presented in the Appendix below.

4. PROCEDURE FOR ASSEMBLING AND INSTALLING THE PRODUCT

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

Product assembly and installation procedure.

Product assembly scheme is shown in pic.1-28.

1) Mark the area as indicated on the layout of the playground foundations (see pic.31).
2) Dig the holes for the racks installation, maintaining the geometric dimensions. Level the depth of the excavations by deepening them or adding gravel.
3) Assemble and install the towers: first assemble the beams with the supports, and then install the platforms into the grooves of the beams. Similarly, assemble all the towers for different heights. Assemble and install double tower in a similar way - with two platforms at different heights.
4) Connect the towers with each other by means of radial bridges with railings, straight bridges, wooden ladders.
5) Install roofs according to the general view of the complex.
6) Install slides and other play elements to the towers.
7) The main components of the game complex, the necessary geometric dimensions for the assembly process of the complex, general views are shown in the pictures 1-25.
8) Install the product according to the level marks on it in accordance with the concreting scheme (pic.26-27). During installation of the product on sandy soil, the overall dimensions of the foundation should be increased by 15-20%.

5. PRODUCT INSTALLATION SCHEME

Safety zone of the installed product must comply with pic.42 .

6. PRODUCT USE

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

The product should not be used by users of a different age category.

Do not use the product by users of a different weight category.

Before using the product, clear the safety area from unnecessary objects that may cause harm to the user (debris, tools left after 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.

7. 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.

8. INFORMATION ON STORAGE, TRANSPORT AND DISPOSAL

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 ca/trailer	Position, full name	Signa-ture
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 long-term storage of the product is required, the following storage rules must be observed (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 preserve the appearance and characteristics of the product during storage.

When removing the product from storage and preparing for installation, follow the next recommendations:
- remove the product from the packaging material (polyethylene, cardboard, other packaging materials);
- remove dust and other contaminants from the surface of the product;
- check completeness and absence of parts damages.

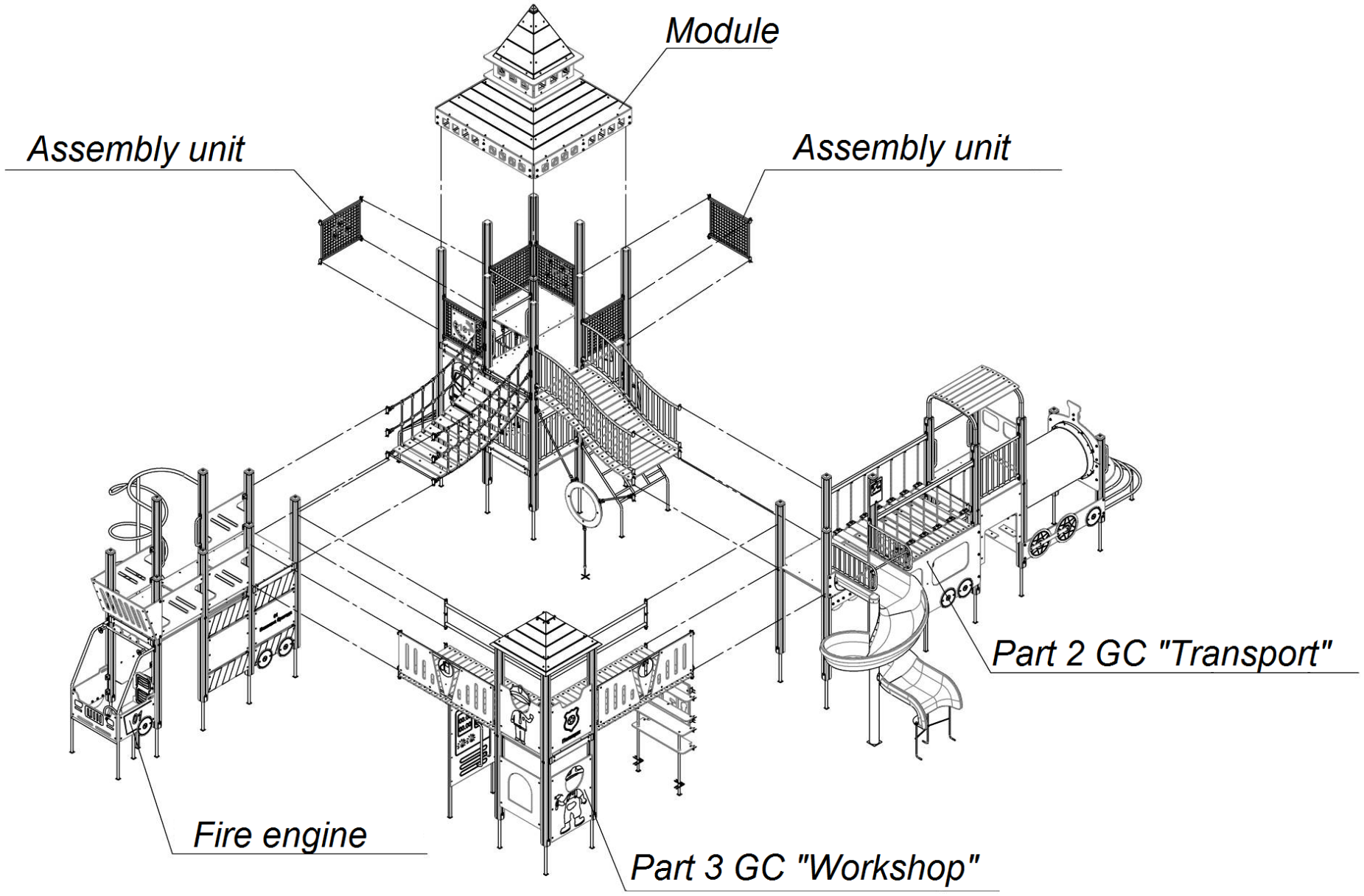
Storage information

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

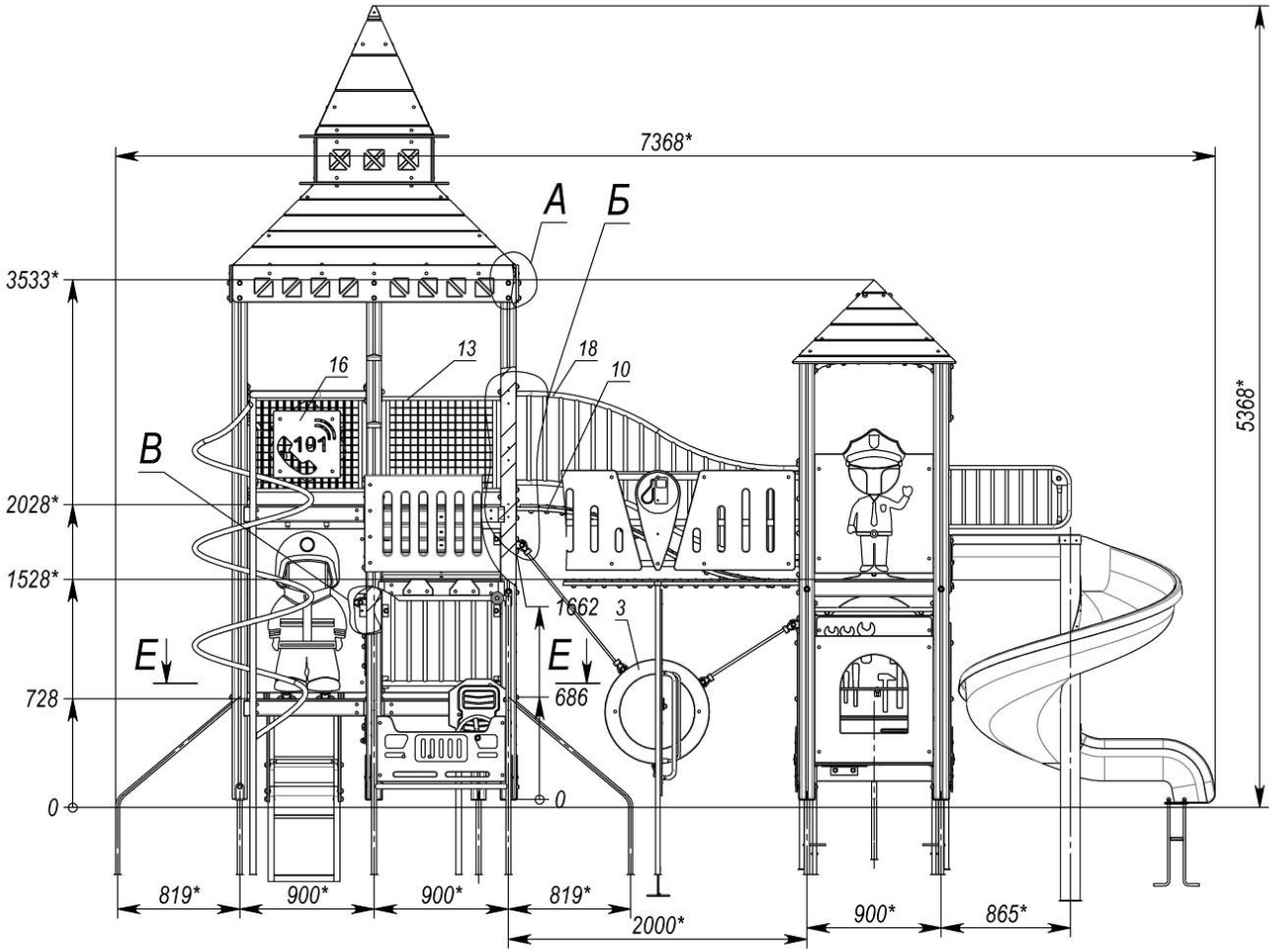
After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

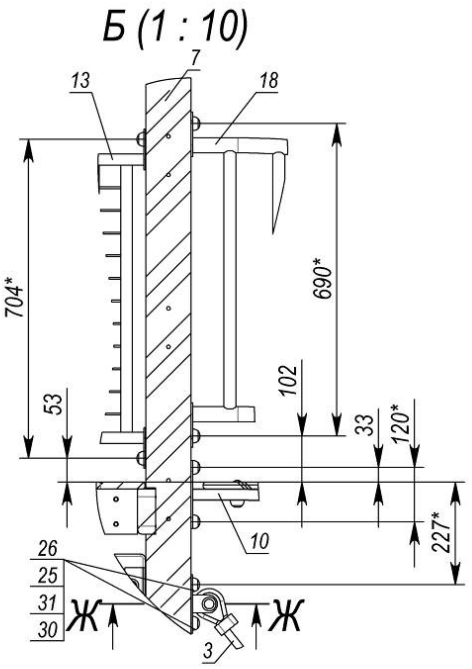
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

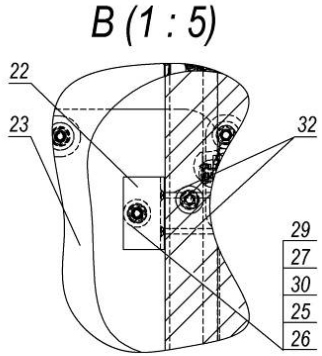
Appendix

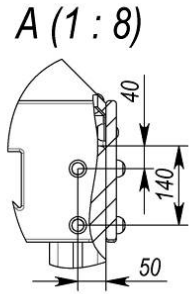


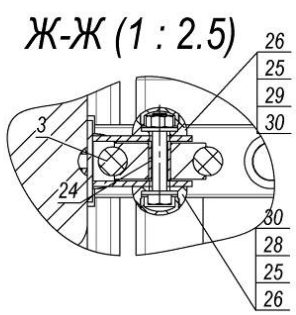
Picture 1 – Dividing of playground complex into parts





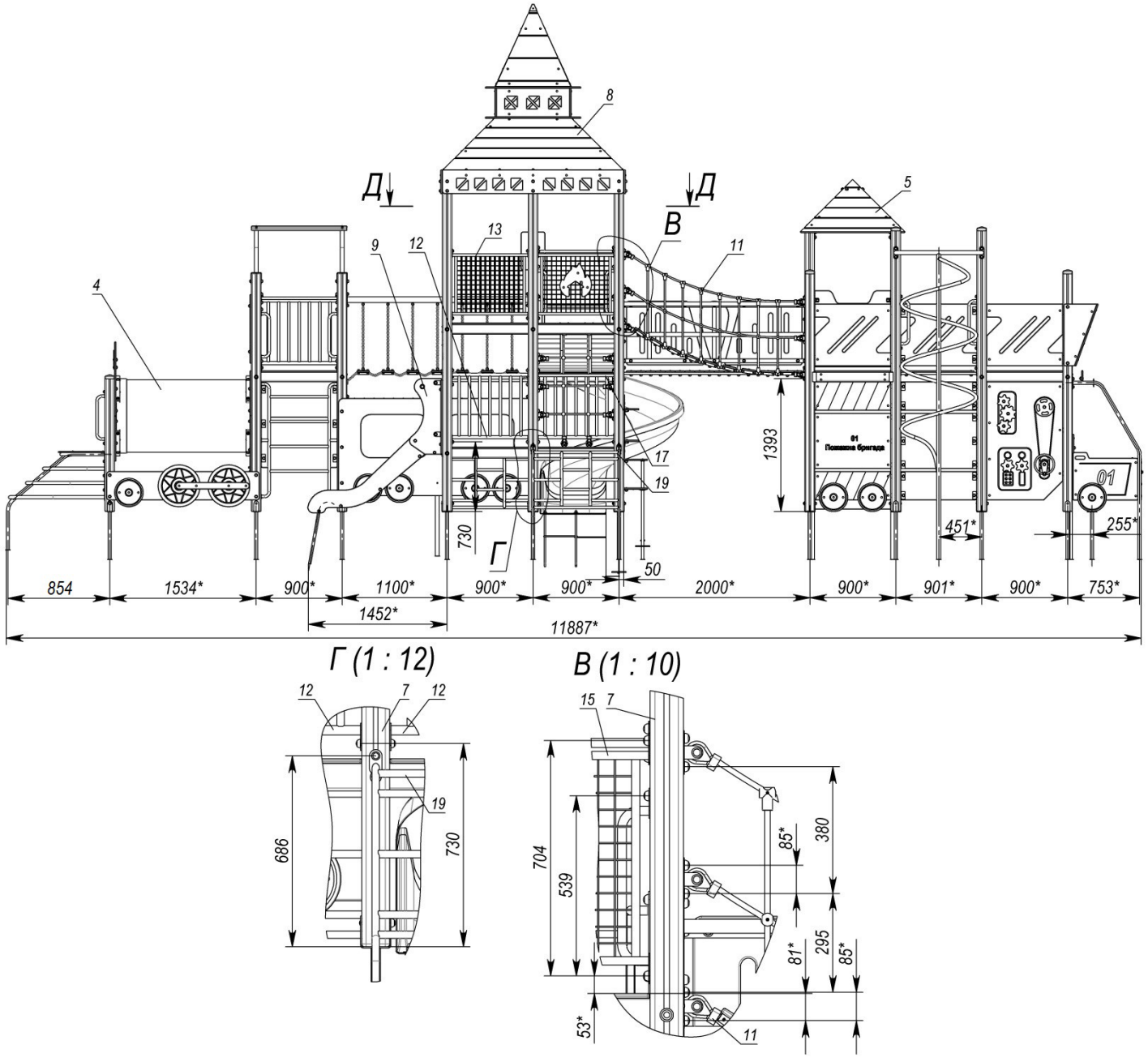




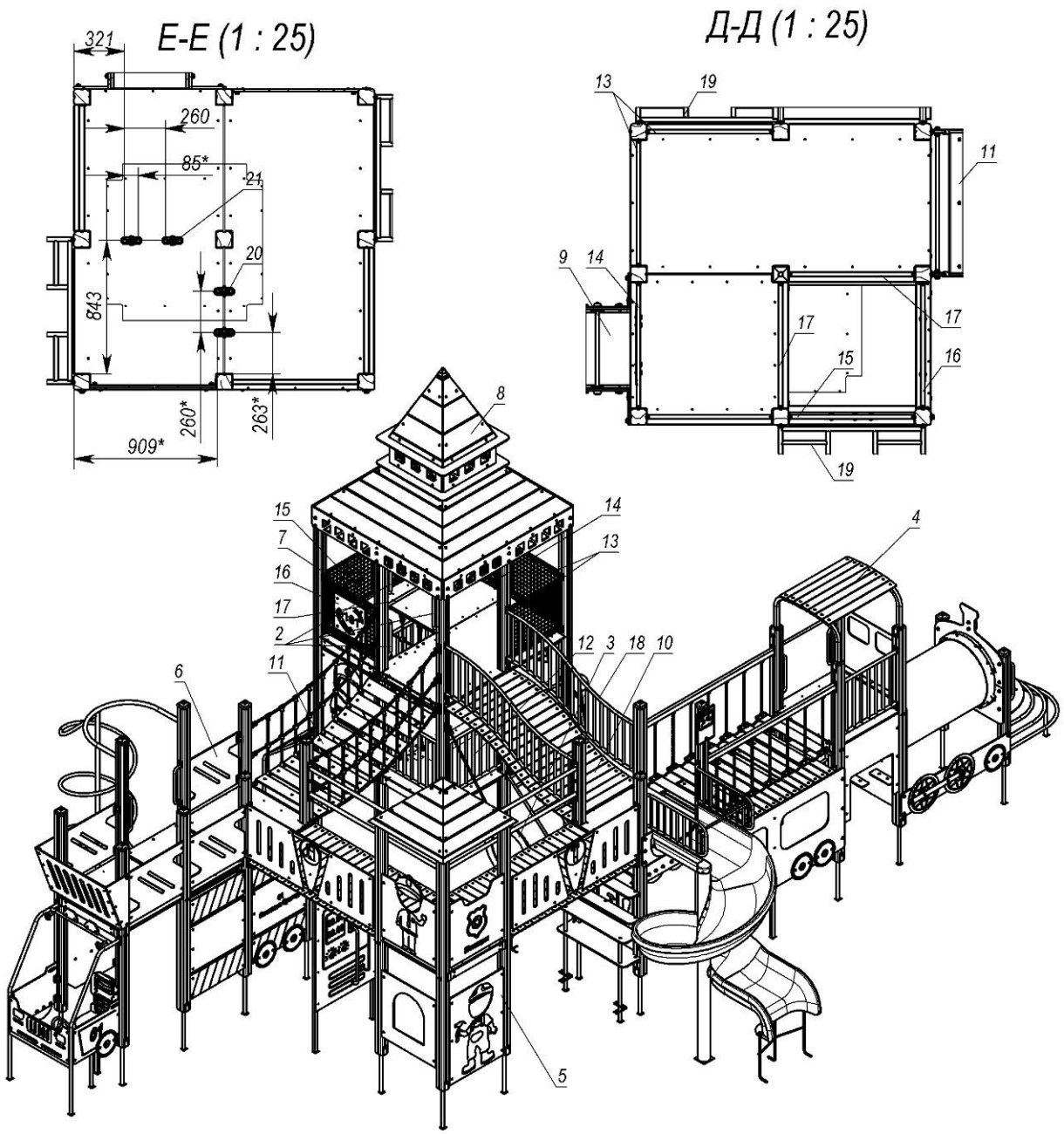


1. Drill holes for screws in a place with a diameter of 10 mm during assembly
2. The fasteners of the game elements are not specified - with the help of poses. 25,26,30,31
3. Drill holes with a diameter of 10 mm for GOST7802 bolts during assembly pos. 21 in the pallet

Picture 2


8
Д
Д
В
5
13
9
12
11
4
17
19
730
Г
50
1393
451*
255*
854
1534*
900*
1100*
900*
900*
2000*
900*
901*
900*
753*
1452*
11887*
Г (1 : 12)
В (1 : 10)
12
7
12
19
686
730
15
7
704
539
85*
380
81*
295
85*
53*
11

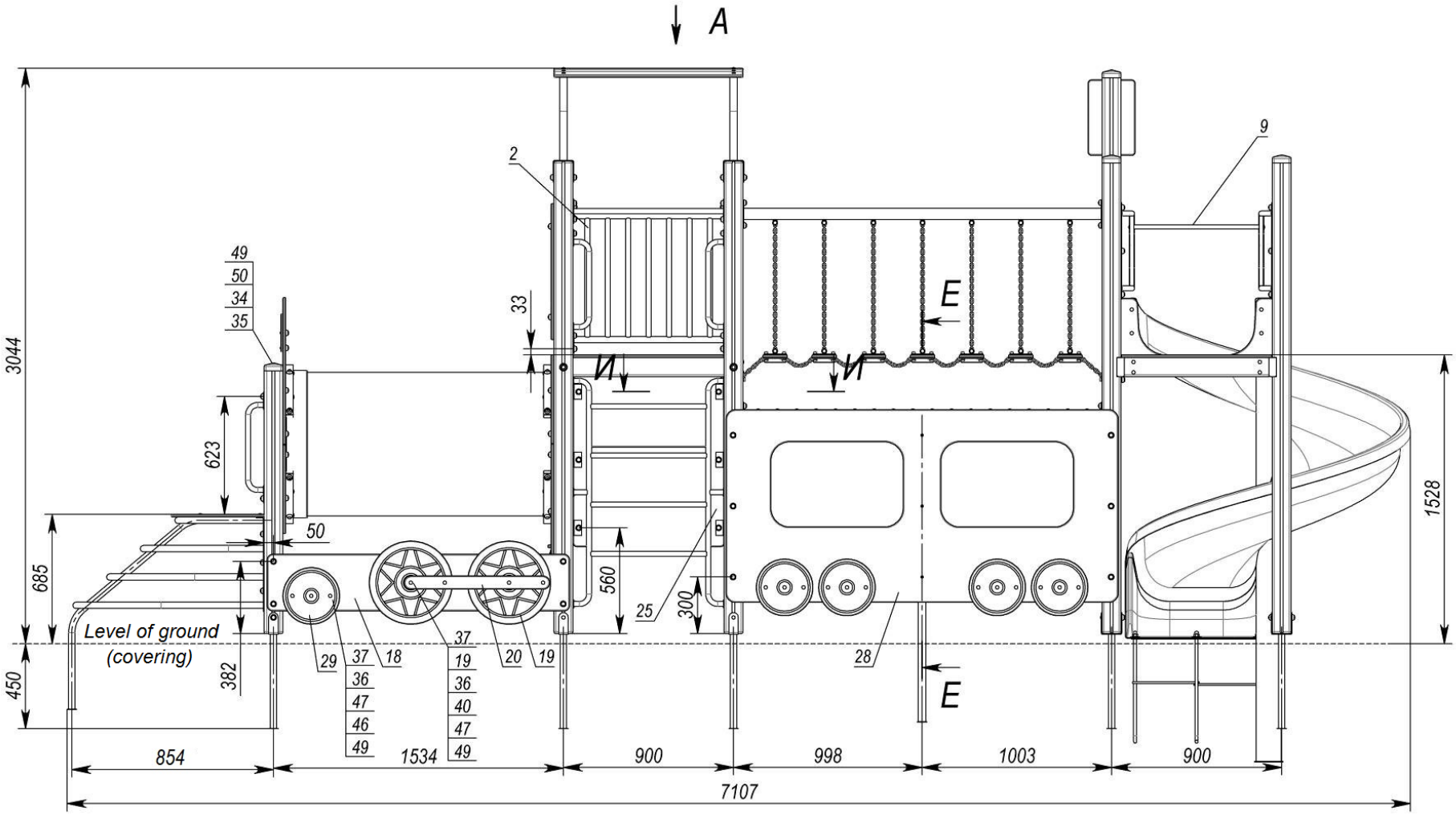
Picture 3

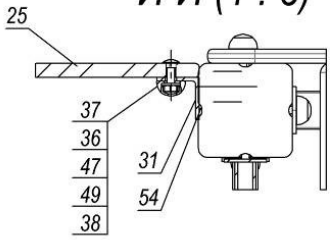


Pos.	Name	Weight, kg	Q-ty	Note
1	Rope bracket	1	2	Brown
2	Metal handle	1	3	Red
3	Circle with rope	8	1	
4	Part 2 GC "Transport"	601	1	
5	Part 3 GC "Workshop"	349	1	
6	Fire engine	361	1	
7	Double tower (1.9mx1.9m) beam 3.5m	329	1	
8	Big roof (T922)	129	1	
9	Slide 700 mm assembly		1	
10	Wavy bridge (plywood TPS)	40	1	
11	Rope bridge	87	1	
12	Fence 0.8m assembly	11	3	
13	Mesh fence (0.8m)	6	3	Red
14	Mesh fence "101"	7	1	
15	Mesh fence "Fire"	7	1	
16	Fire fence	7	1	
17	Brace rod 0.8m assembly	2	4	Yellow
18	Wavy railings (drop 500 mm)	23	2	Light yellow
19	Rope ladder 700 assembly	13	2	
20	Rope ladder (0.8x1.3) with fastening	6	1	
21	Rope ladder (0.8x1.3) on tower 1.9x1.9	6	1	
22	Big angle bar		12	Brown
23	Cover plate "Fireman"	9	2	Red
24	Tube d12x1.5 GOST10704, L=22 mm		2	
25	Cap M8		90	Yellow
26	Cup M8		90	Yellow
27	Bolt M8x30 GOST7802		12	
28	Bolt M8x45 GOST7798		2	
29	Nut M8 GOST5915		14	
30	Washer 10 GOST11371		90	
31	Screw 8x50 GOST11473		74	
32	Screw 6x70 GOST1145		24	

Picture 4- Overall dimensions of the complex

Part 2 «Transport»





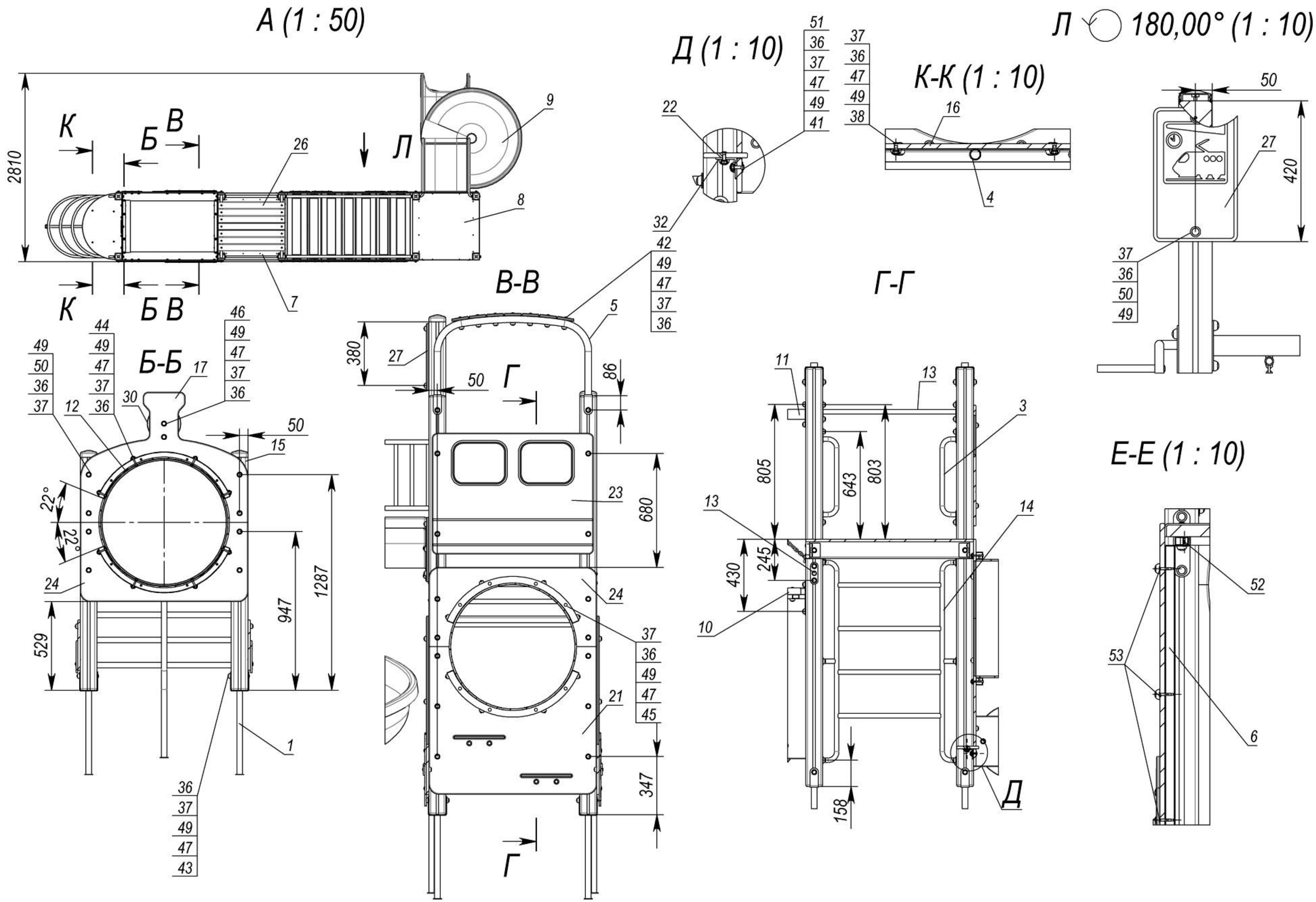
Drill holes with a diameter of 5 mm for GOST11473 screws.

Picture 5

Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	2
2	Railings 0.8m	10	1
3	Handle	1	4
4	Cowcatcher frame	25	1
5	Locomotive roof frame	5	2
6	Support	4	2
7	Tower (1.5m) with metalware	84	1
8	Tower	86	1
9	Spiral descent assembly	84	1
10	Straight bridge	59	1
11	Chain bridge (plywood TPS)	54	1
12	Tube frame	2	4
13	Brace rod 0.8m	1	3
14	Metal ladder	8	1
15	Beam (L=1500)	8	2
16	Cowcatcher site	5	1
17	Cover plate entrance with tube	3	1
18	Locomotive sidewall	5	2
19	Locomotive big wheel	1	4
20	Cover plate connecting rod		2
21	Cover plate entrance with stairs	7	1
22	Step		2
23	Front window of locomotive	5	1
24	Cover plate entrance	3	2
25	Cover plate	5	1
26	Locomotive roof board		7
27	Cover plate sign	1	1
28	Locomotive sidewall with windows	17	2

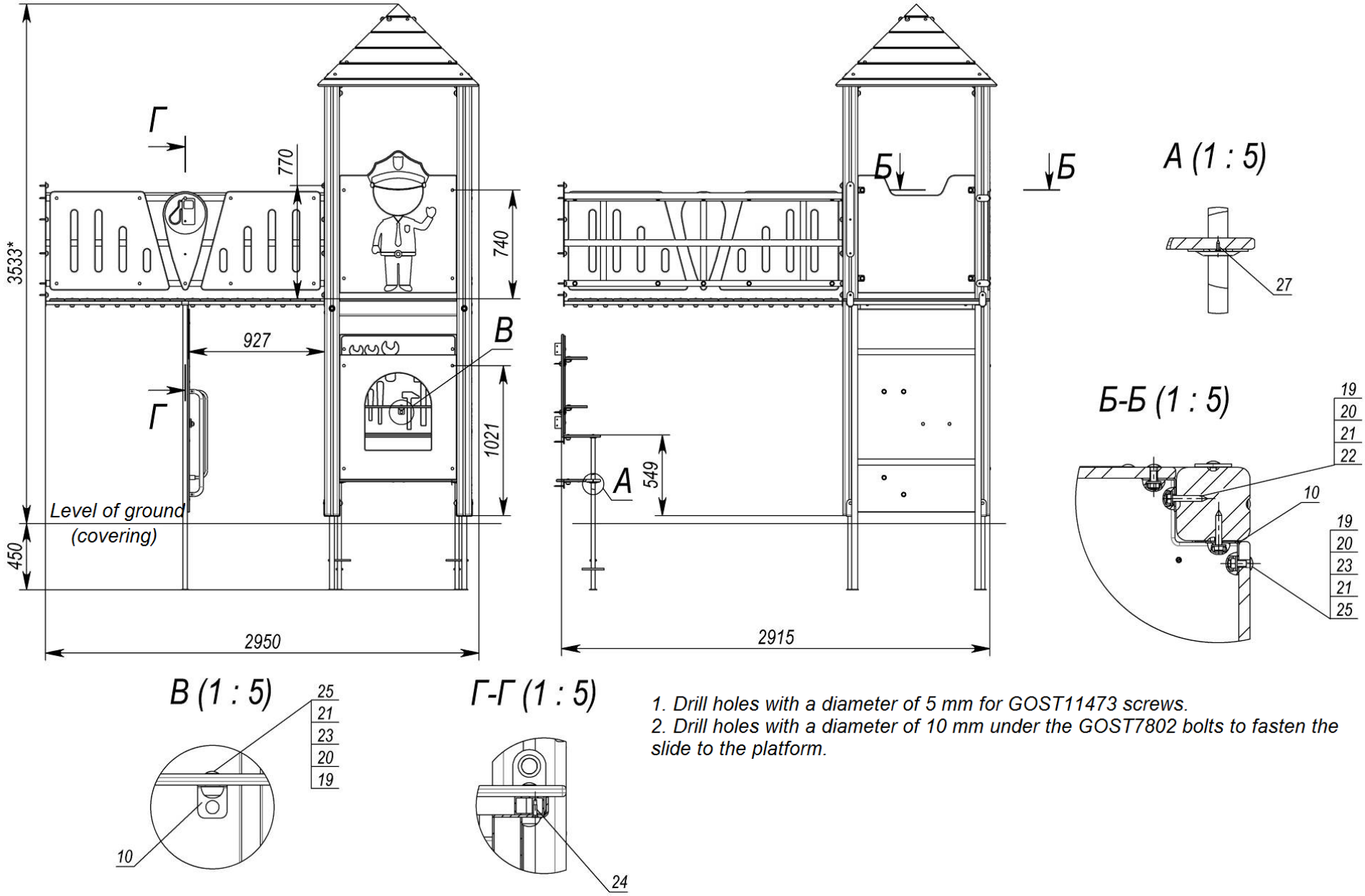
Pos.	Name	Weight, kg	Q-ty
29	Cover plate "Wheel"	1	10
30	Big headlight		1
31	Big angle bar		6
32	Angle bar	1	2
33	Cap S13		4
34	Cap		2
35	Cap		2
36	Cap M8		220
37	Cup M8		220
38	Bolt M8x30 GOST7802		10
39	Bolt M8x120 DIN931		4
40	Bolt M8x50 GOST7802		8
41	Bolt M8x35 GOST7802		32
42	Bolt M8x70 GOST7802		14
43	Bolt M8x120 GOST7802		2
44	Bolt M8x60 GOST7802		16
45	Bolt M8x65 GOST7802		16
46	Bolt M8x40 GOST7802		8
47	Nut M8 GOST5915		110
48	Washer 8 GOST11371		4
49	Washer 10 GOST11371		222
50	Screw 8x50 GOST6958		112
51	Washer 10 GOST6958		4
52	Screw with drill 4.8x25 DIN7504P	5	2
53	Screw with drill 6.3x45 DIN7504P	5	6
54	Screw 6x40 GOST1145		12
55	Straight tube 760	30	1

Picture 6


А (1 : 50)
Д (1 : 10)
К-К (1 : 10)
Л 180,00° (1 : 10)
Б-Б
В-В
Г-Г
Е-Е (1 : 10)
2810
380
50
86
680
347
1287
947
529
22°
805
803
643
430
245
158
420

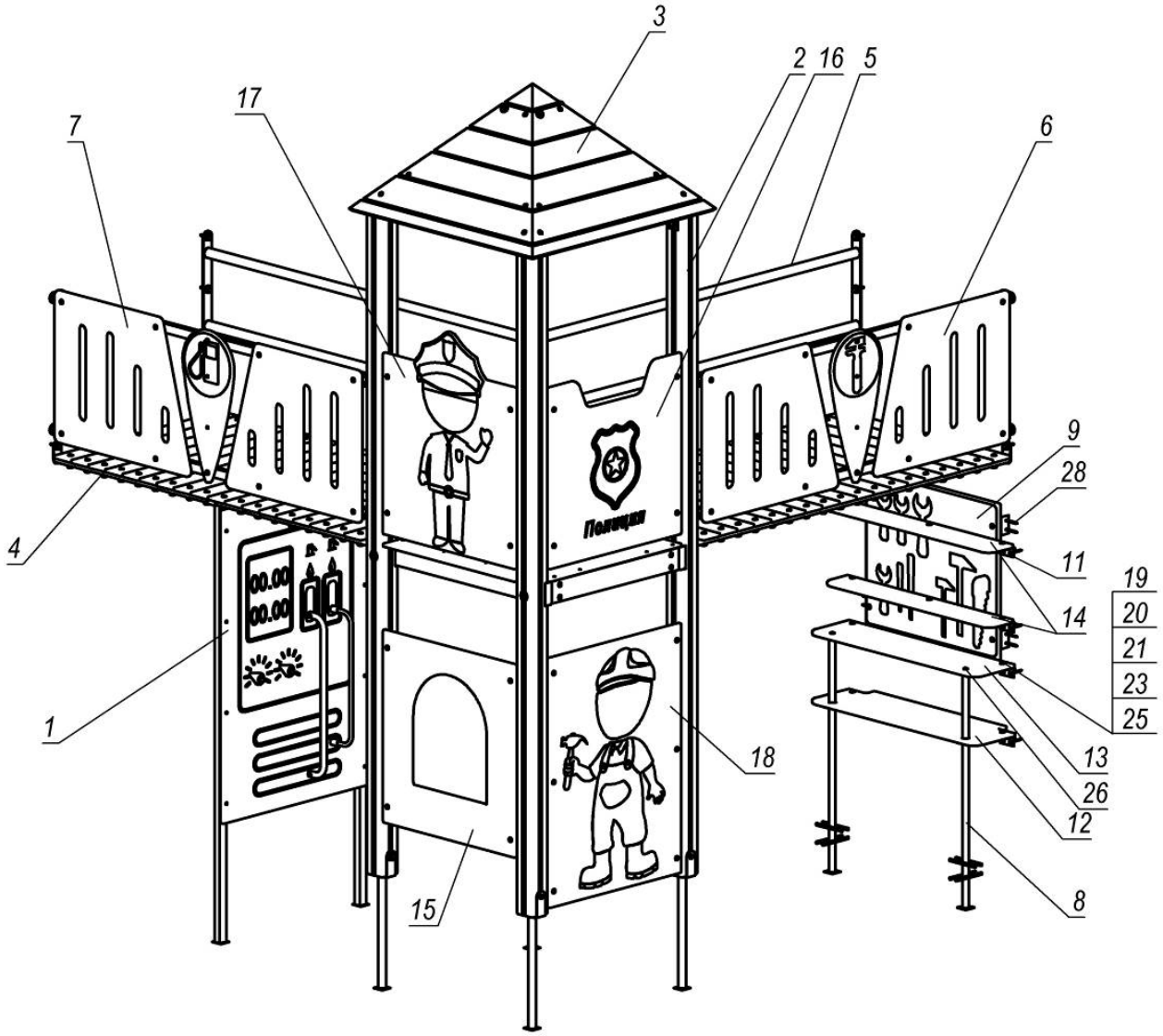
Picture 7

Part 3 «Workshop»



1. Drill holes with a diameter of 5 mm for GOST11473 screws.
2. Drill holes with a diameter of 10 mm under the GOST7802 bolts to fasten the slide to the platform.

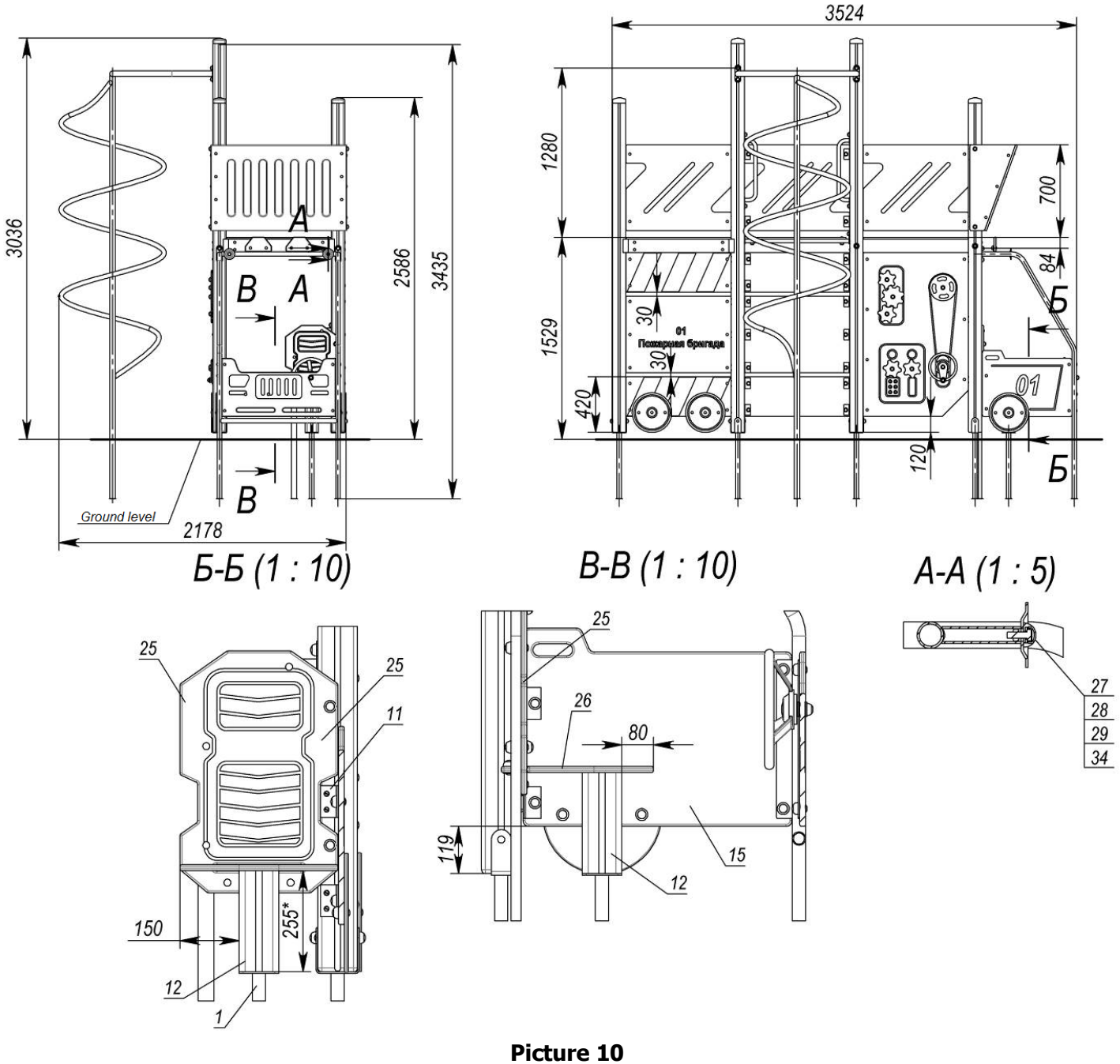
Picture 8



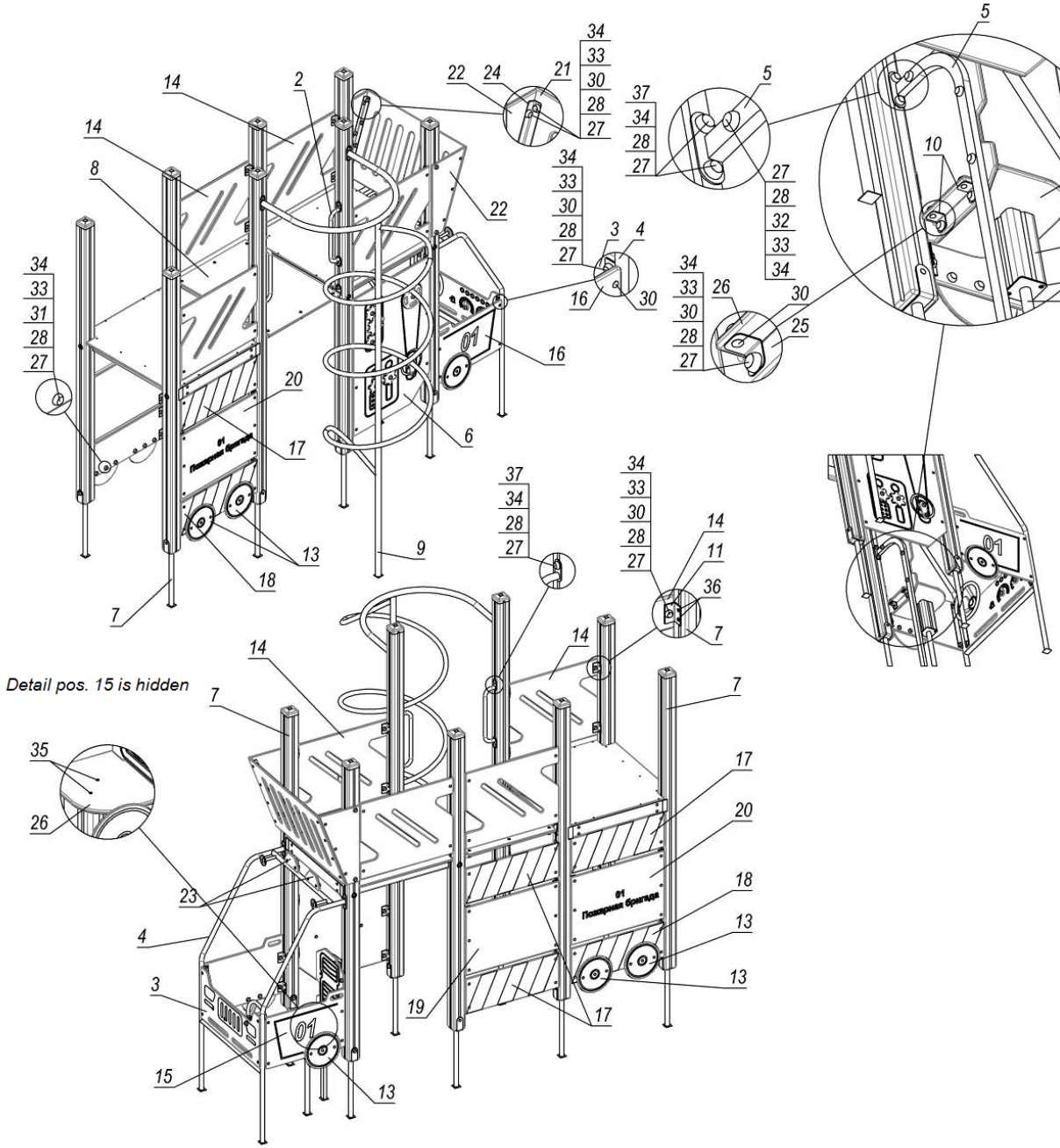
Pos.	Name	Weight, kg	Q-ty	Note
1	Gas station	27	1	
2	Tower 1.5m 1x1	93	1	
3	Pyramid roof	22	1	Blue
4	Straight bridge (plywood TPS)	39	2	
5	Straight railings assembly	12	2	Grey
6	Fence "Service station"	22	1	
7	Fence "Gas Station"	22	1	
8	Workshop support	2	2	Light yellow
9	Panel "Workshop"	9	1	
10	Angle 45x45x40 (90 degrees)		10	Light yellow
11	Big angle bar		16	Light yellow
12	Low table	3	1	Blue
13	Upper table	3	1	Blue
14	Shelf	2	2	Purple
15	Window	5	1	
16	Cover plate "Police badge"	7	1	Blue
17	Cover plate "Policeman"	7	1	Blue
18	Cover plate "Mechanic"	9	1	
19	Cap M8		58	Yellow
20	Cup M8		58	Yellow
21	Washer 10 GOST11371		58	
22	Screw 8x50 GOST11473		24	
23	Nut M8 GOST5915		34	
24	Screw with drill 4.8x25 DIN7504P	5	2	
25	Bolt M8x30 GOST7802		28	
26	Bolt M8x40 GOST7802		8	
27	Screw 4x16 GOST1145		6	
28	Screw 6x70 GOST1145		44	
29	Big angle bar		6	Brown

Picture 9

«Fire engine»

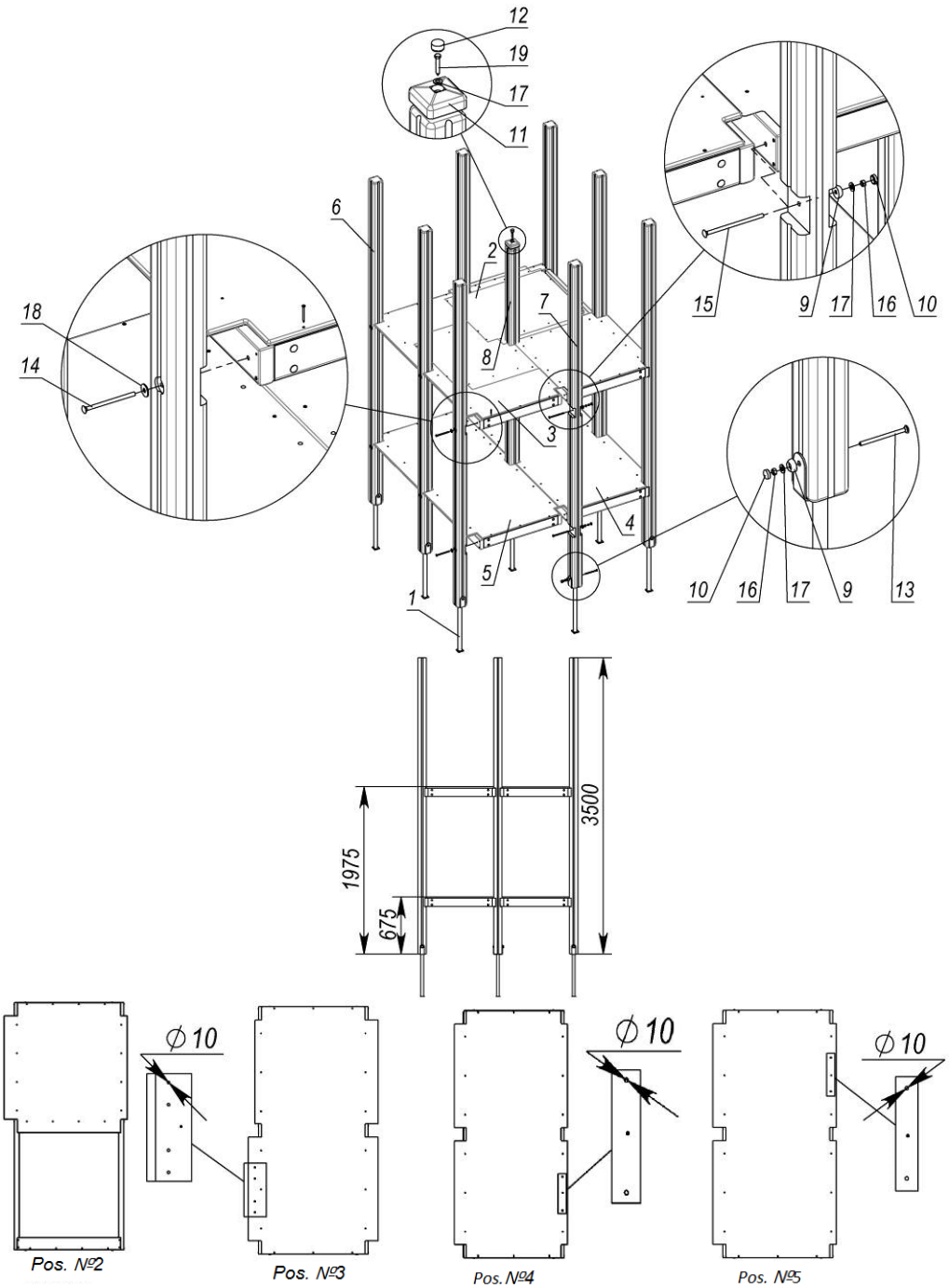


Picture 10



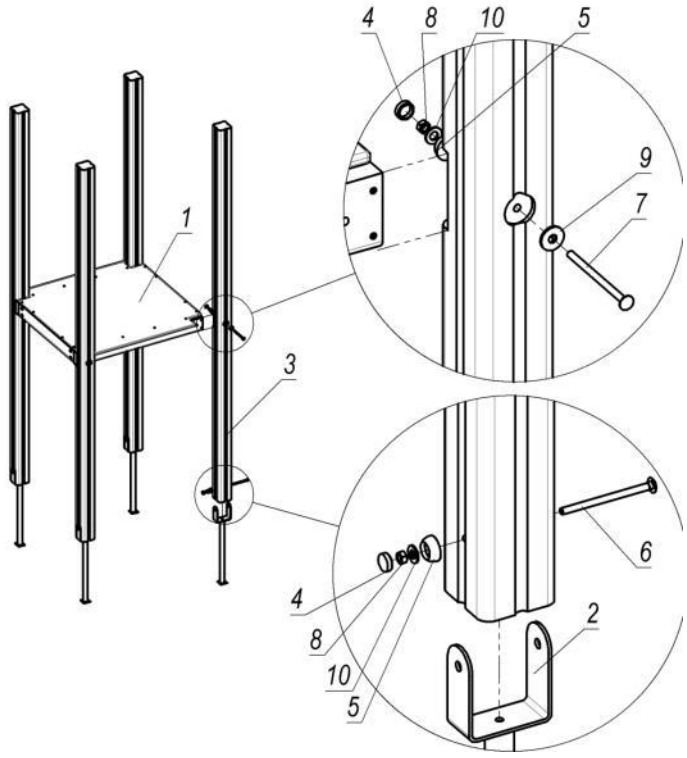
Pos.	Name	Weight, kg	Q-ty
1	Support	1	1
2	Handle	1	2
3	Dashboard	4	1
4	Cabin frame	16	1
5	Backrest rack	3	1
6	Game panel assembly	12	1
7	Tower	86	2
8	Straight small bridge assembly	16	1
9	Spiral ladder	32	1
10	Angle 45x45x40 (90 degrees)		2
11	Big angle bar		69
12	Table support	1	1
13	Cover plate "wheel"	1	6
14	Roof fence	5	4
15	Left doors	3	1
16	Right doors	3	1
17	Sidewall part	2	4
18	Sidewall part	2	2
19	Wall	5	1
20	Wall	5	2
21	Canopy	6	1
22	Canopy sidewall	2	2
23	Cover plate signal		2
24	Angle bar	1	2
25	Seat backrest	2	1
26	Seat (380x1000)	2	1
27	Cap M8		142
28	Cup M8		142
29	Bolt M8x25 GOST7798		2
30	Bolt M8x30 GOST7802		99
31	Bolt M8x35 GOST7802		18
32	Bolt M8x50 GOST7802		3
33	Nut M8 GOST5915		120
34	Washer 10 GOST11371		142
35	Screw 6x50 GOST1145		2
36	Screw 6x70 GOST1145		139
37	Screw 8x50 GOST11473		20

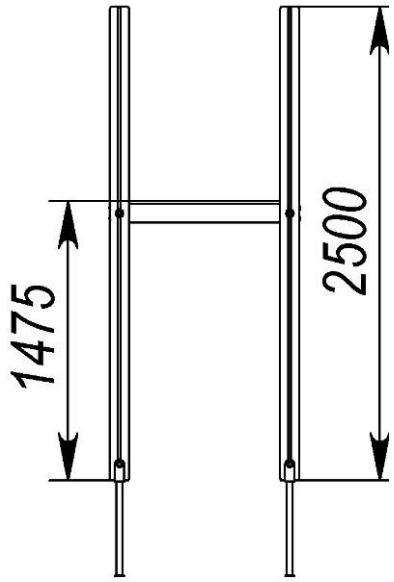
Picture 11



Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	9
2	Double site with cut	25	1
3	Double site	34	1
4	Double site	34	1
5	Double site	34	1
6	Beam (3.5m)	20	6
7	Middle beam (3.5m)	20	2
8	Rack	17	1
9	Cup M8		27
10	Cap M8		27
11	Cap		1
12	Cap		1
13	Bolt M8x120 GOST7802		9
14	Bolt M8x130 GOST7802		12
15	Bolt M8x150 GOST7802		6
16	Nut M8 GOST5915		27
17	Washer 10 GOST11371		28
18	Washer 10 GOST6958		12
19	Screw 8x50 GOST11473		1

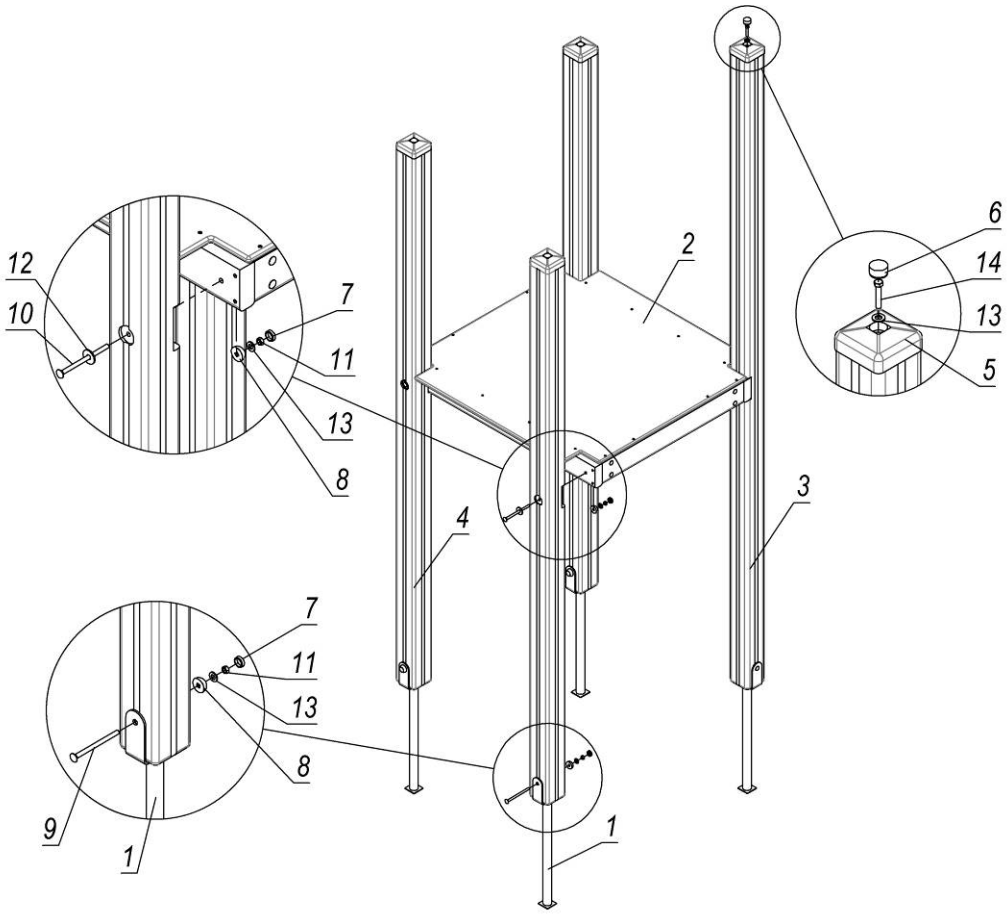
Picture 12 – Completeness and assembly scheme of central tower. Marked under №1 in the picture 27.

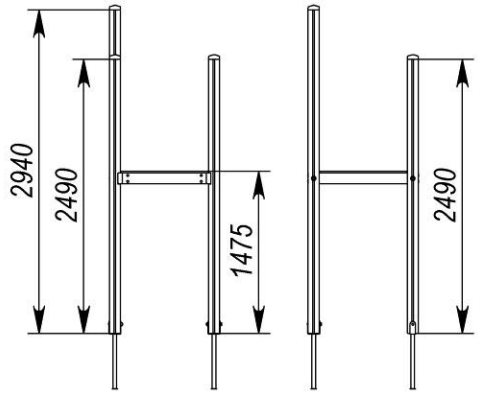




Pos.	Name	Weight, kg	Q-ty
1	Site	19	1
2	Beam support	2	4
3	Beam	17	4
4	Cap M8		8
5	Cup M8		8
6	Bolt M8x120 GOST7802		4
7	Bolt M8x130 GOST7802		4
8	Nut M8 GOST5915		8
9	Washer 10 GOST6958		4
10	Washer 10 GOST11371		8

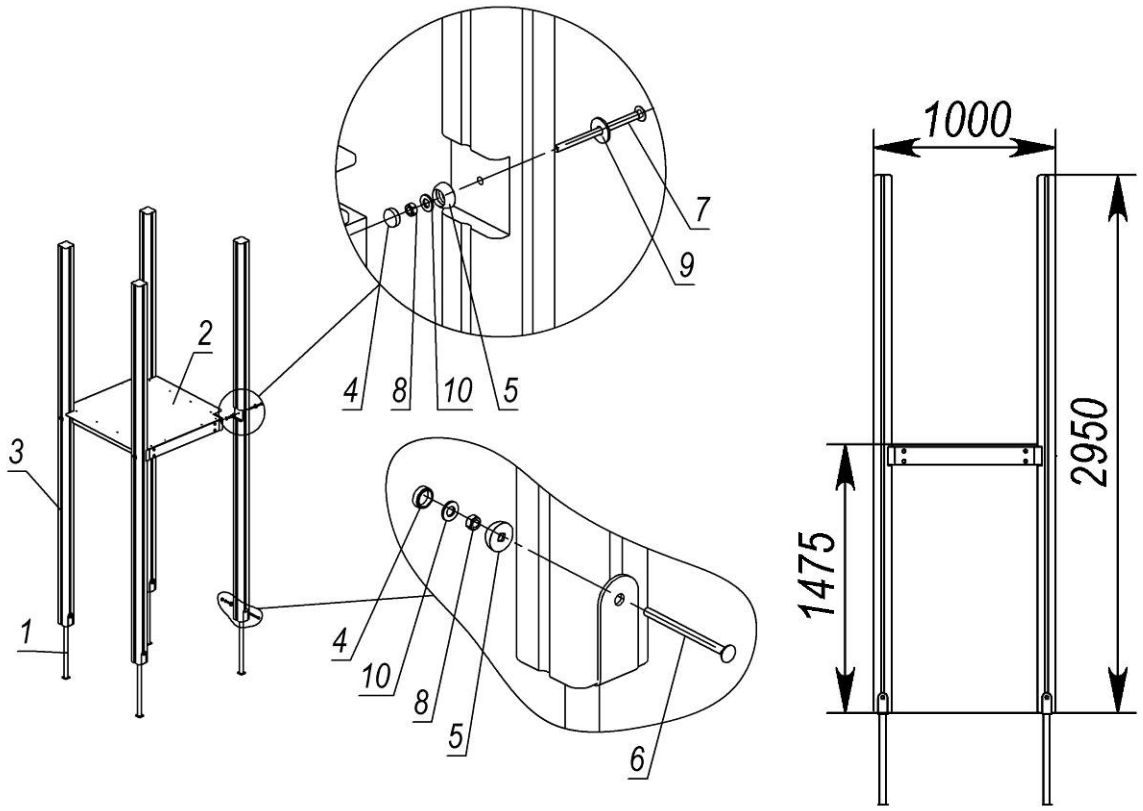
Picture 13 – Completeness and assembly scheme of tower 1,5m
(1,5m is the height from site to ground level). Marked under №4 in the picture 27.





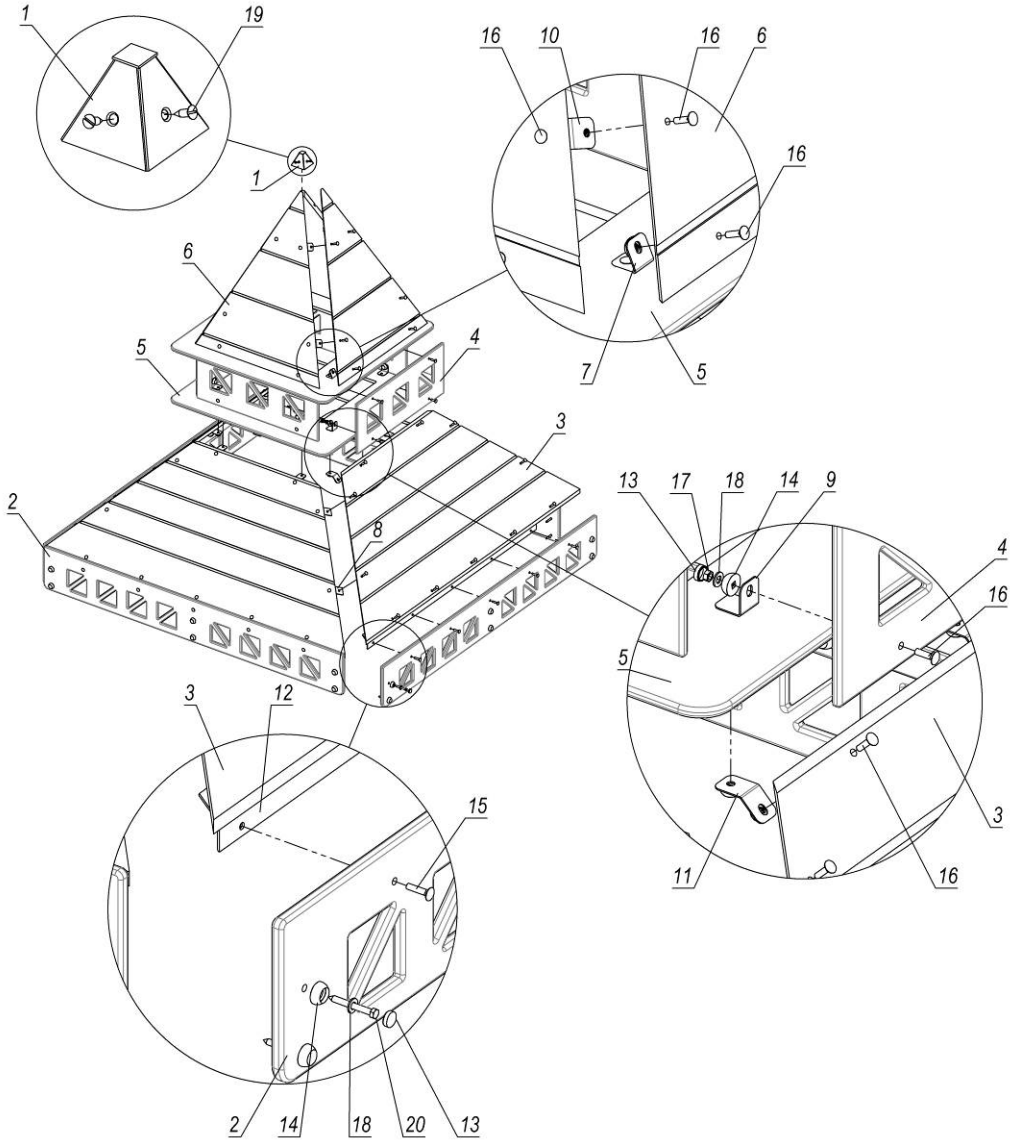
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	1
3	Beam	17	1
4	Beam	15	3
5	Cap		4
6	Cap		4
7	Cap M8		8
8	Cup M8		8
9	Bolt M8x120 GOST7802		4
10	Bolt M8x130 GOST7802		4
11	Nut M8 GOST5915		8
12	Washer 10 GOST6958		4
13	Washer 10 GOST11371		12
14	Screw 8x50 GOST11473		4

Picture 14 – Completeness and assembly scheme of tower 1,5m. Marked under №2 in the picture 27.

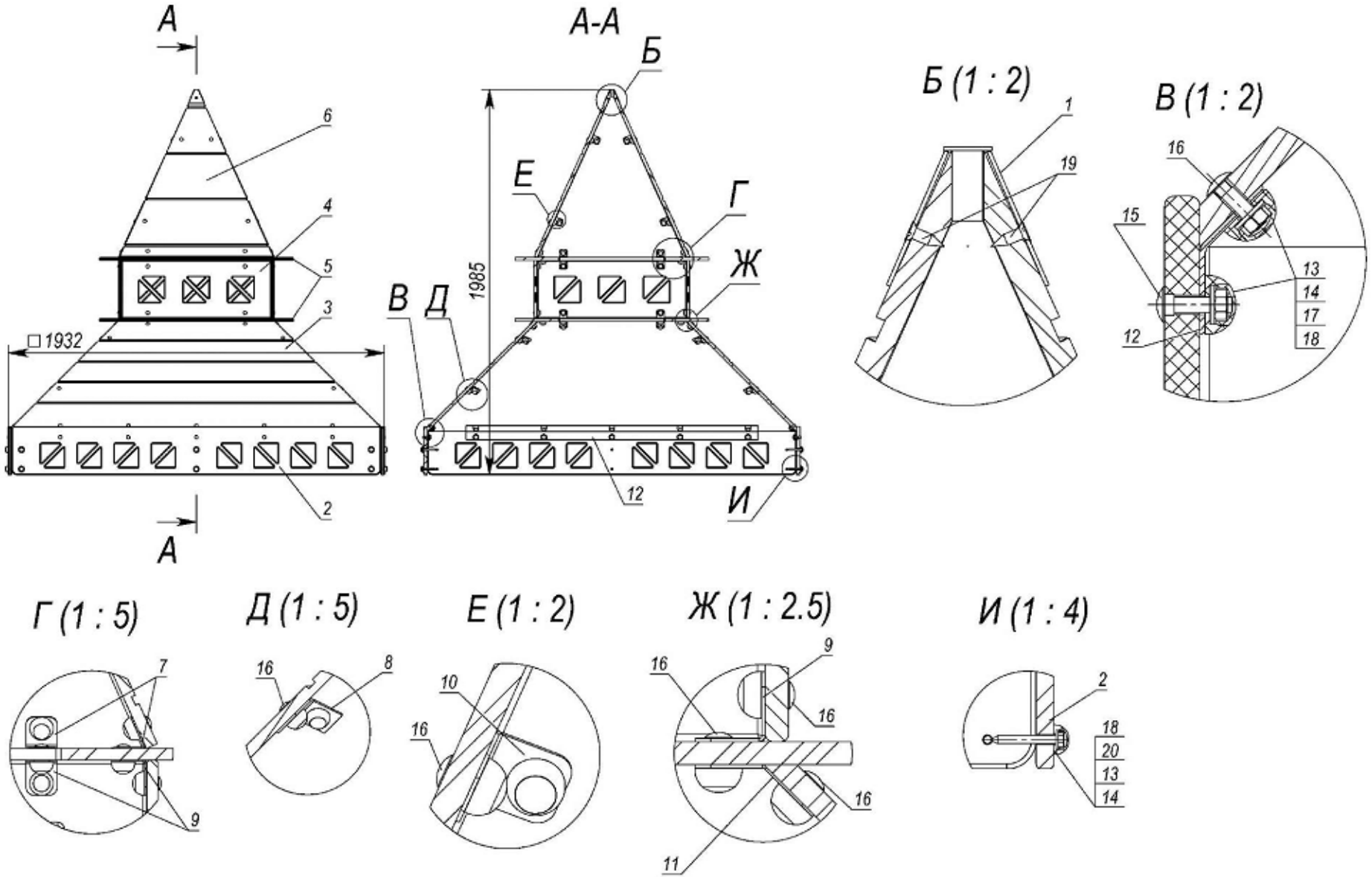


Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	1
3	Beam	20	4
4	Cap M8		8
5	Cup M8		8
6	Bolt M8x120 GOST7802		4
7	Bolt M8x130 GOST7802		4
8	Nut M8 GOST5915		8
9	Washer 10 GOST6958		4
10	Washer 10 GOST11371		8

Picture 15 – Completeness and assembly scheme of tower 1,5m. Marked under №3 in the picture 27.

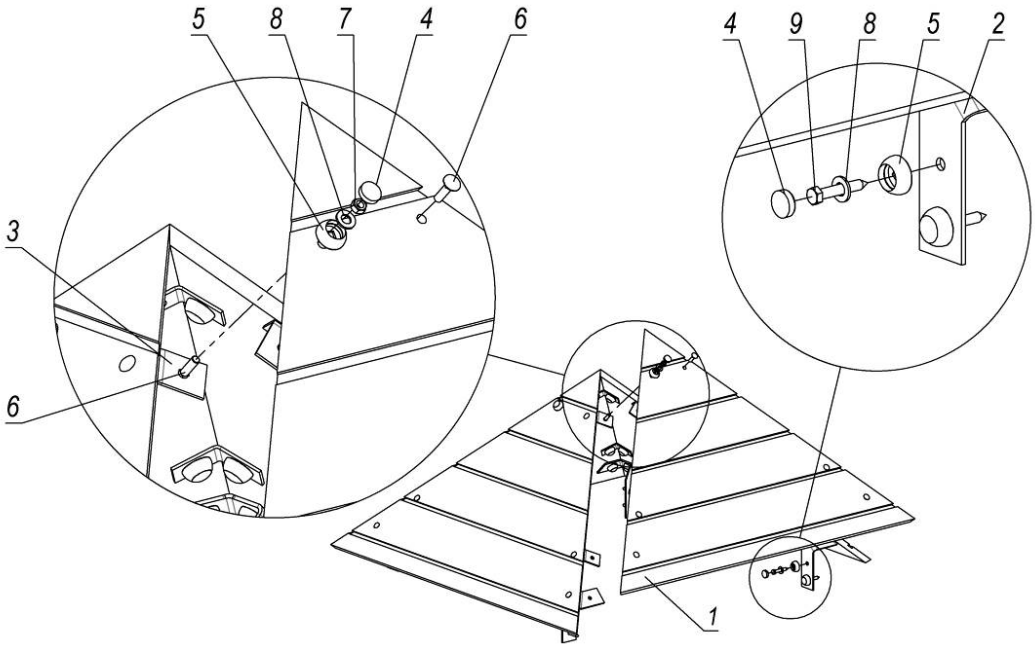


Pos.	Name	Weight, kg	Q-ty	Note
1	Connector		1	Red
2	Roof rim	5	4	Red
3	Slope (T922)	12	4	Grey
4	Adapter	2	4	Red
5	Upper lap	8	2	White
6	Slope	4	4	Red
7	Plate (angle 67 degrees)		8	Brown
8	Plate		8	Brown
9	Angle 45x45x40 (90 degrees)		16	Brown
10	Plate		8	Brown
11	Plate		8	Brown
12	Angle bar (1.5m)	3	4	Brown
13	Cap M8		144	Yellow
14	Cup M8		144	Yellow
15	Bolt M8x35 GOST7802		20	
16	Bolt M8x30 GOST7802		100	
17	Nut M8 GOST5915		120	
18	Washer 10 GOST11371		144	
19	Screw 6x20 GOST1145		4	
20	Screw 8x70 GOST11473		24	



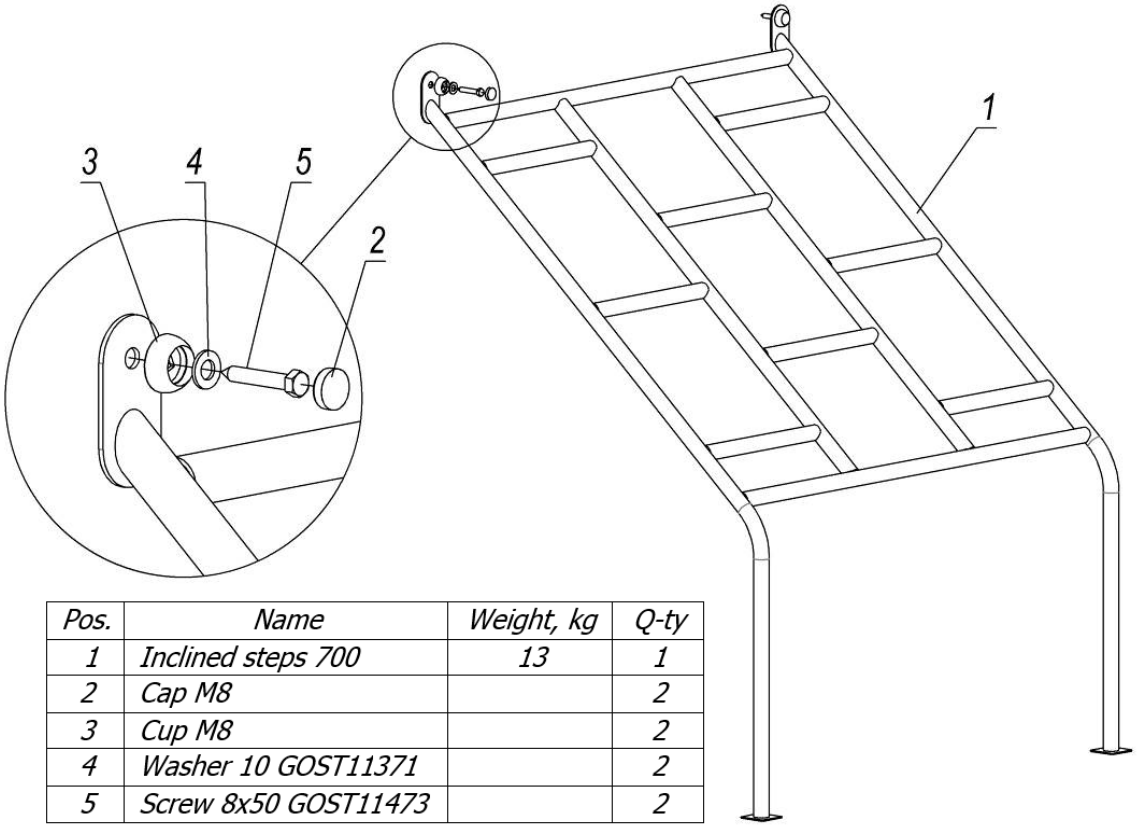
Picture 16 – Roof assembly scheme

Fastening elements not shown in the drawing - with help of pos. 13, 14, 16, 17, 18



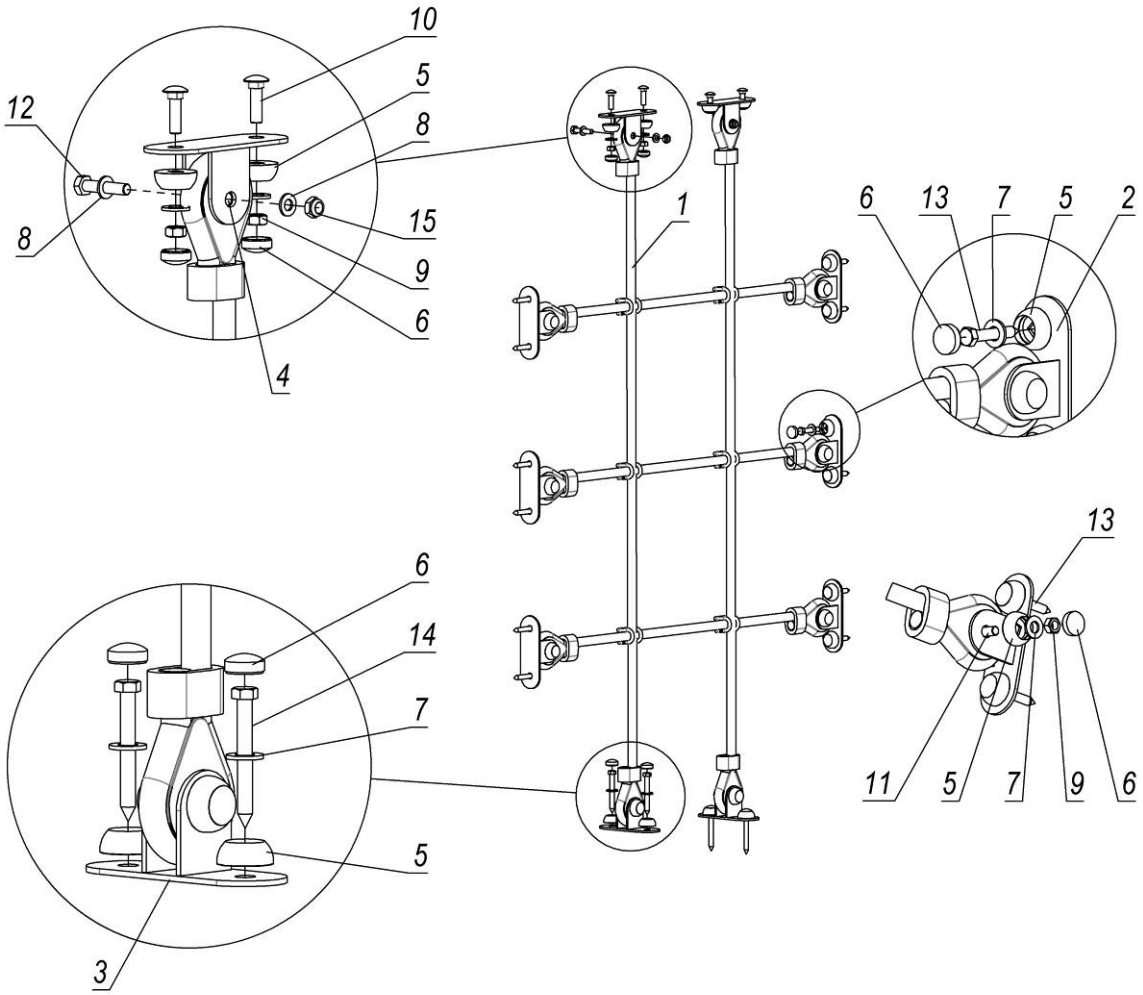
Pos.	Name	Weight, kg	Q-ty	Note
1	Slope of pyramid roof	5	4	Blue
2	Supportive plate		4	Blue
3	Plate		8	Blue
4	Cap M8		32	Yellow
5	Cup M8		32	Yellow
6	Bolt M8x30 GOST7802		24	
7	Nut M8 GOST5915		24	
8	Washer 10 GOST11371		32	
9	Screw 8x50 GOST11473		8	

Picture 17 – Assembly scheme of pyramid roof.



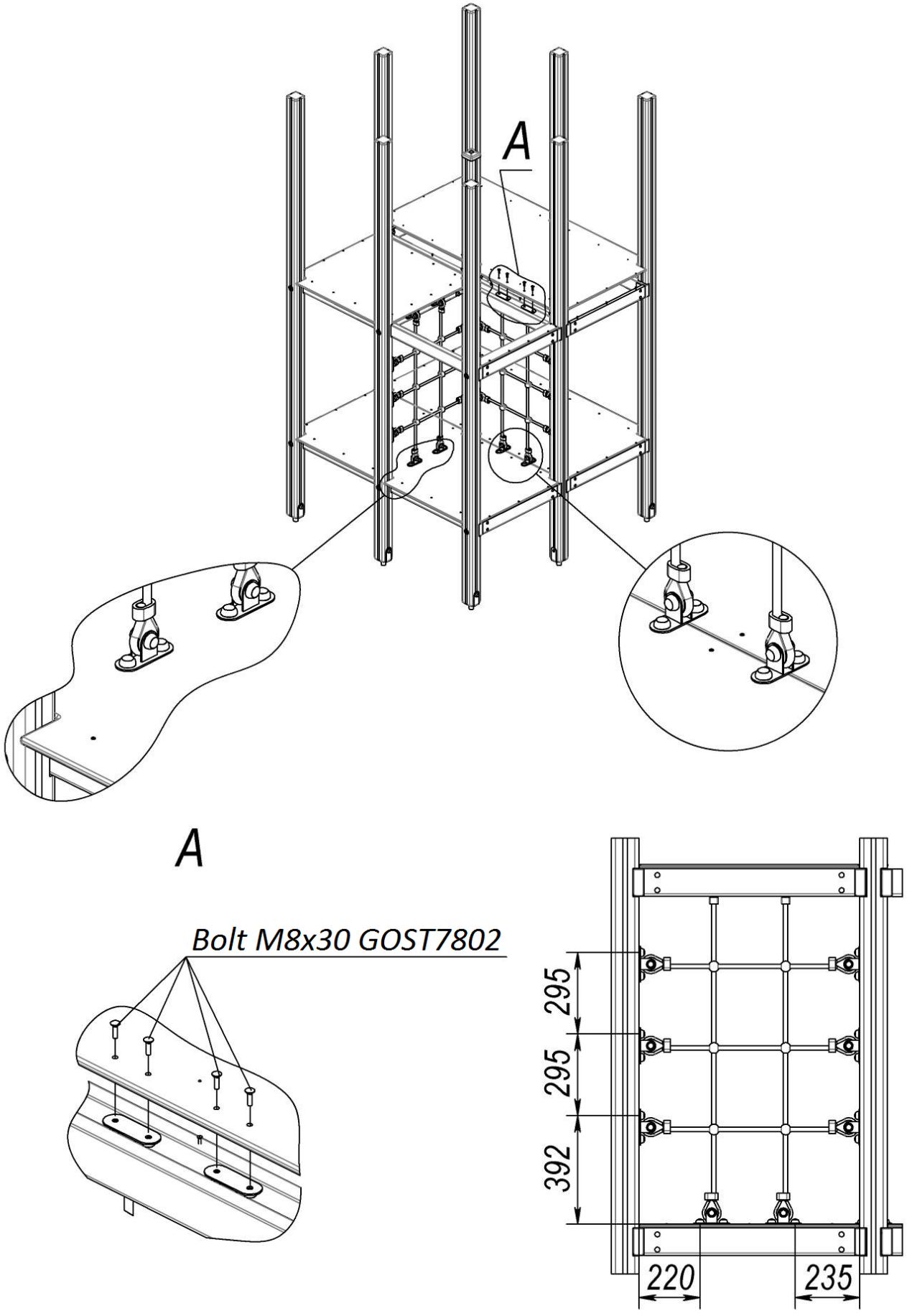
Pos.	Name	Weight, kg	Q-ty
1	Inclined steps 700	13	1
2	Cap M8		2
3	Cup M8		2
4	Washer 10 GOST11371		2
5	Screw 8x50 GOST11473		2

Picture 18 – Assembly scheme of inclined steps

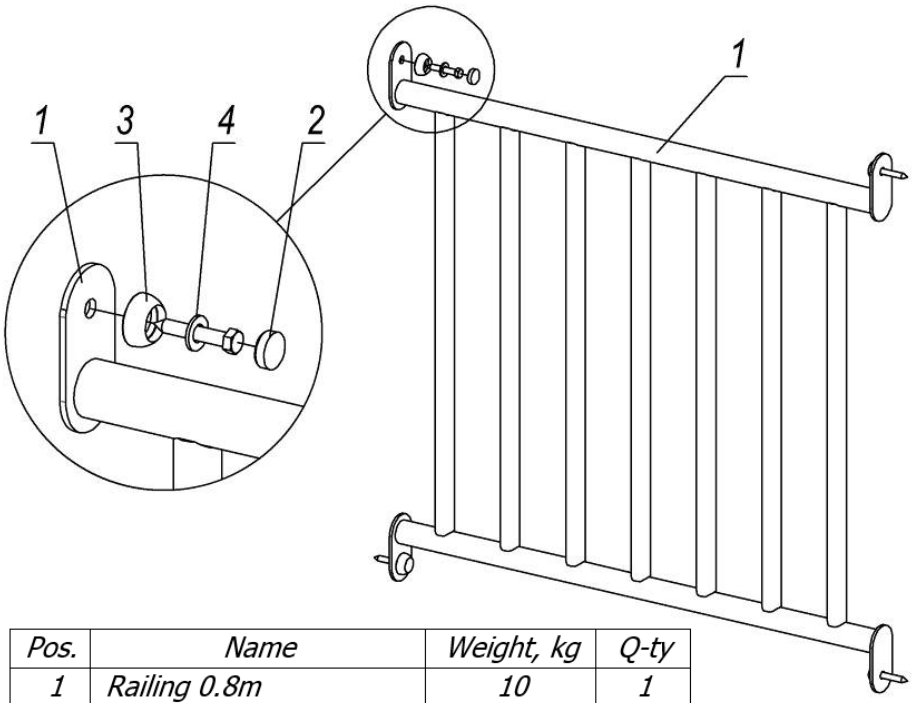


Pos.	Name	Weight, kg	Q-ty
1	Ladder assembly	3	1
2	Bracket		8
3	Bracket		2
4	Tube d12x1.5 GOST10704, L=22mm		9
5	Cup M8		36
6	Cap M8		36
7	Washer 10 GOST11371		36
8	Washer 8 GOST11371		4
9	Nut M8 GOST5915		12
10	Bolt M8x30 GOST7802		4
11	Bolt M8x45 GOST7798		8
12	Bolt M8x40 GOST7798		2
13	Screw 8x50 GOST11473		12
14	Screw 8x70 GOST11473		4
15	Self-locking nut M8 DIN985		2

Assembly scheme of rope ladder

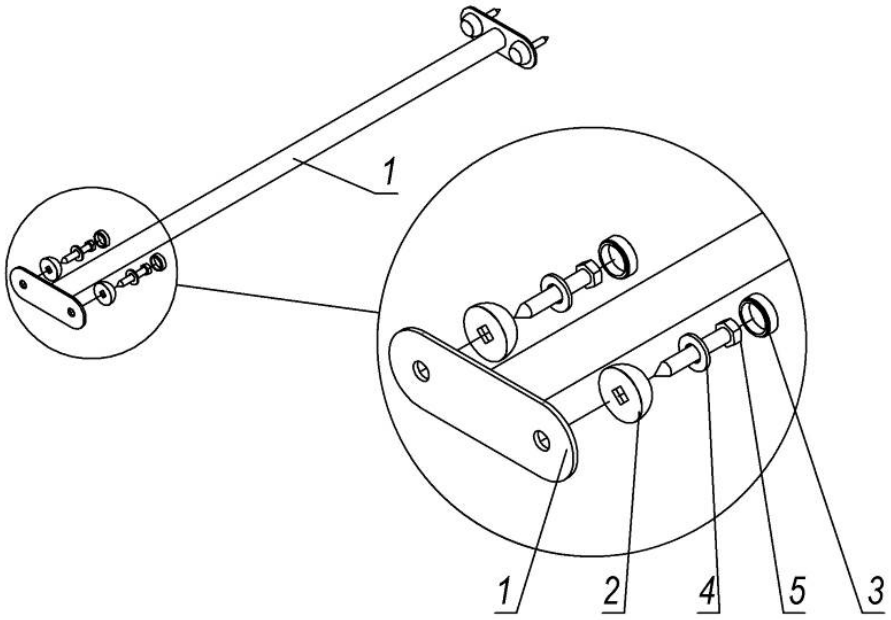


Picture 19 – Fastening scheme of rope ladder



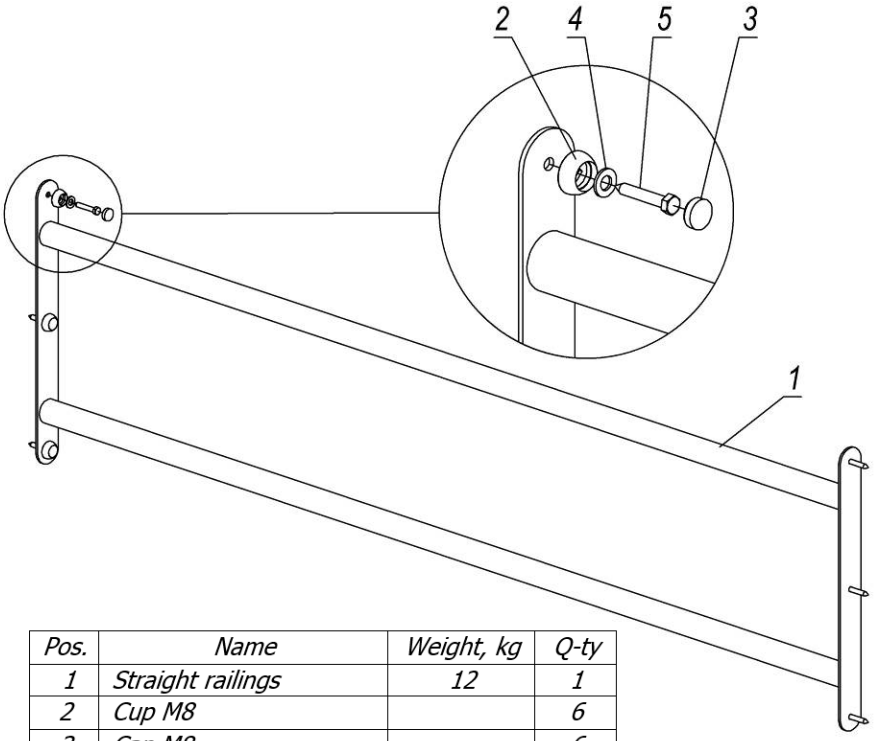
Pos.	Name	Weight, kg	Q-ty
1	Railing 0.8m	10	1
2	Cap M8		4
3	Cup M8		4
4	Washer 10 GOST11371		4
5	Screw 8x50 GOST11473		4

Picture 20 – Fence assembly scheme



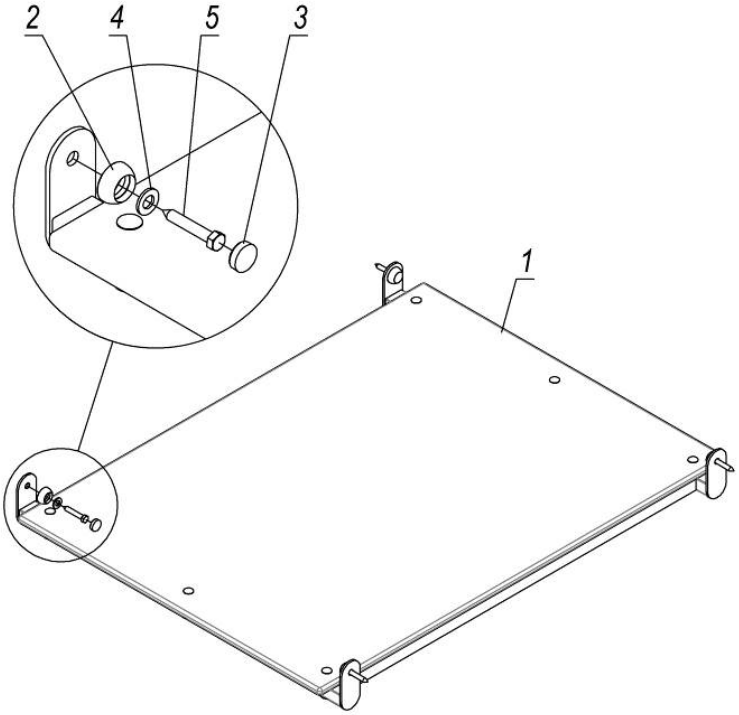
Pos.	Name	Weight, kg	Q-ty
1	Brace rod 0.8m	1	1
2	Cup M8		4
3	Cap M8		4
4	Washer 10 GOST11371		4
5	Screw 8x50 GOST11473		4

Picture 21 – Brace rod assembly scheme



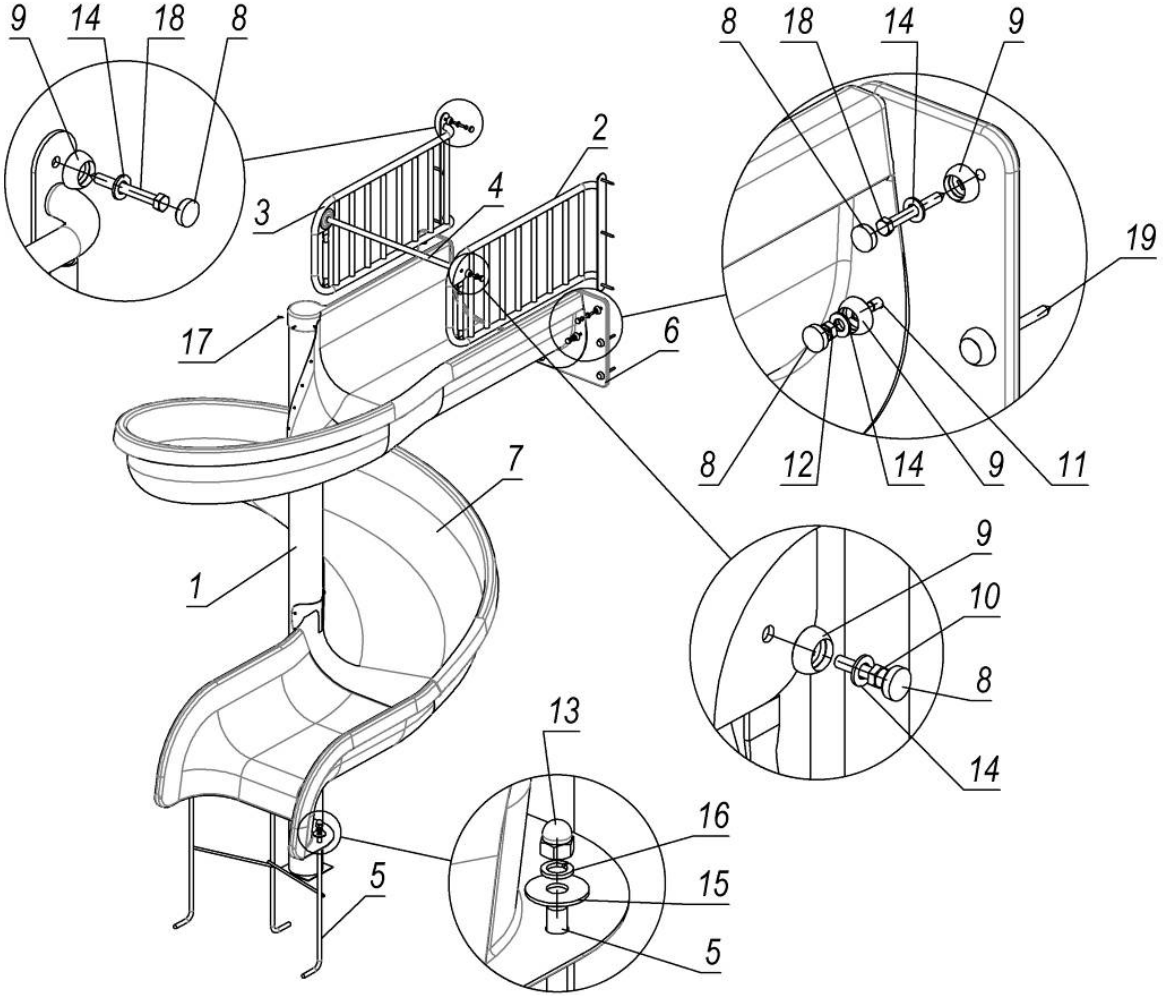
Pos.	Name	Weight, kg	Q-ty
1	Straight railings	12	1
2	Cup M8		6
3	Cap M8		6
4	Washer 10 GOST11371		6
5	Screw 8x50 GOST11473		6

Picture 22 – Assembly scheme of straight railings



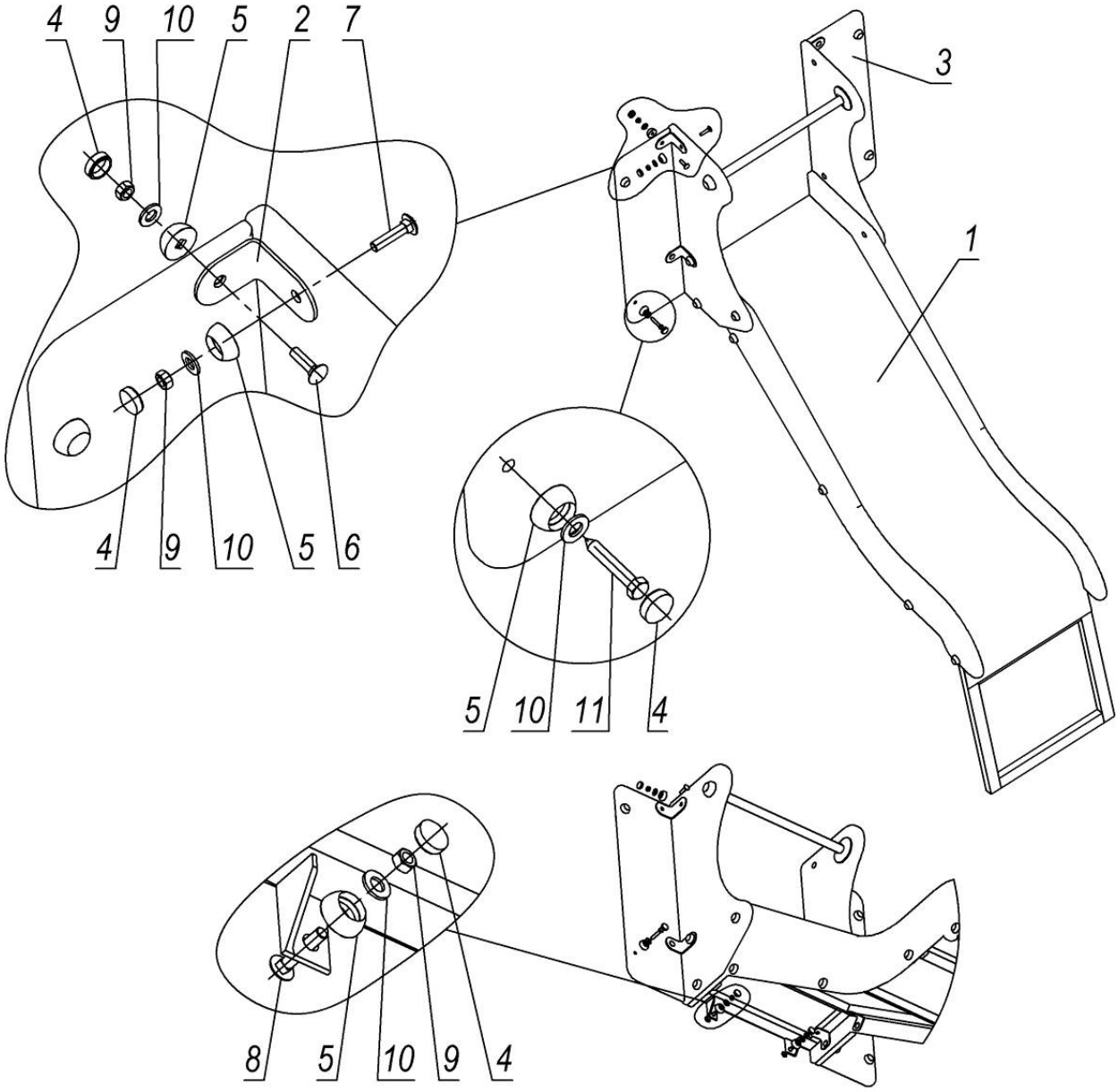
Pos.	Name	Weight, kg	Q-ty
1	Straight small bridge	17	1
2	Cup M8		4
3	Cap M8		4
4	Washer 10 GOST11371		4
5	Screw 8x50 GOST11473		4

Picture 23 – Assembly scheme of straight small bridge



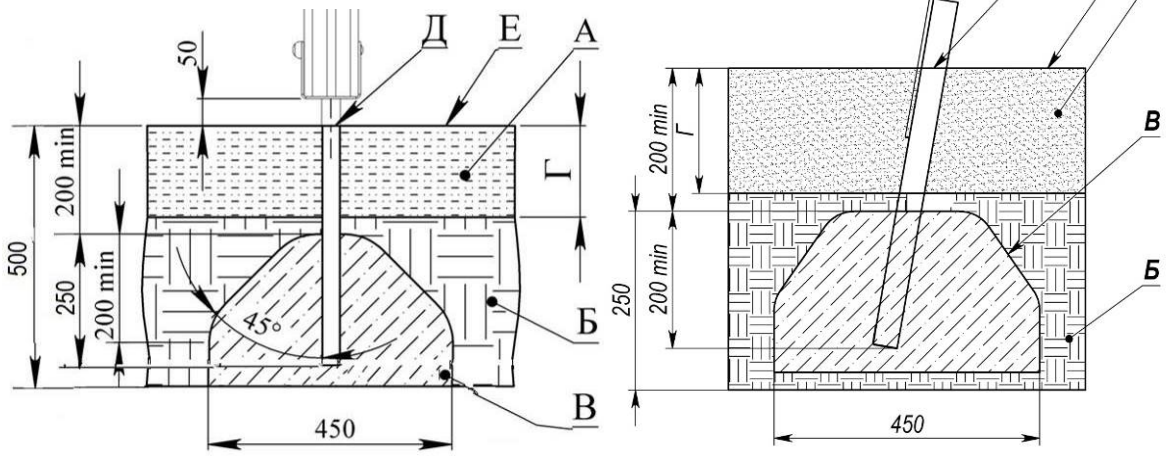
Pos.	Name	Weight, kg	Q-ty
1	Pillar	32	1
2	Sidewall frame left	8	1
3	Sidewall frame right	8	1
4	Brace rod	1	1
5	Embedded element	5	1
6	Lining	2	1
7	Spiral slide	28	1
8	Cap M8		20
9	Cup M8		20
10	Bolt M8x30 GOST7798		2
11	Bolt M8x30 GOST7802		6
12	Nut M8 GOST5915		6
13	Cap nut M16 DIN1587		3
14	Washer 10 GOST11371		20
15	Washer 16 GOST6958		3
16	Washer 16 GOST6402		3
17	Screw 4.2x16 DIN7504N	2	19
18	Screw 8x70 GOST11473		7
19	Screw 8x90 GOST11473		5

Picture 24 – Assembly scheme of spiral descent



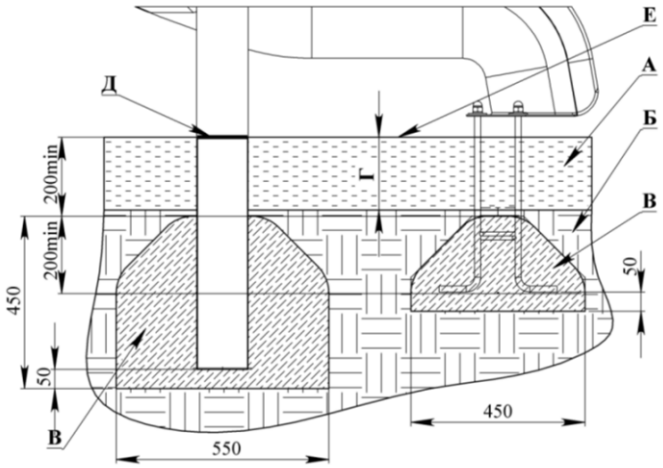
Pos.	Name	Weight, kg	Q-ty
1	Slide 700 mm	38	1
2	Angle bar		4
3	Fence	2	2
4	Cap M8		14
5	Cup M8		14
6	Bolt M8x30 GOST7802		4
7	Bolt M8x35 GOST7802		4
8	Bolt M8x40 GOST7802		2
9	Nut M8 GOST5915		10
10	Washer 10 GOST11371		14
11	Screw 8x50 GOST11473		4

Picture 25 – Assembly scheme of slide 700mm



For beams supports and other elements

for the slides of the complex



For spiral descent

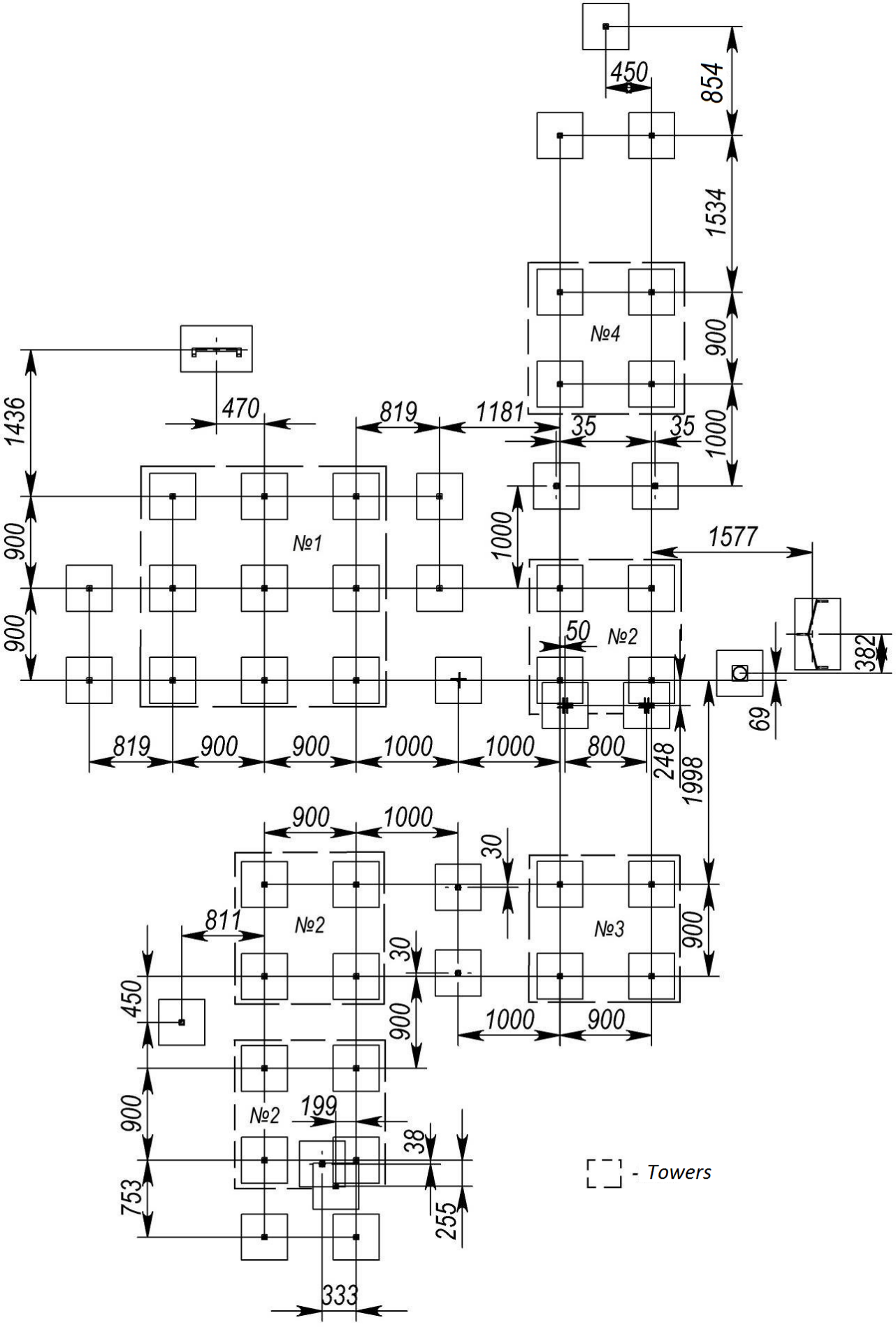
А - shock-absorbing coating;
Б – soil;
В – concrete;
Г - depth of the shock absorbing coating;
Д - product level plane;
Е – game surface.

Examples of impact-absorbing coatings

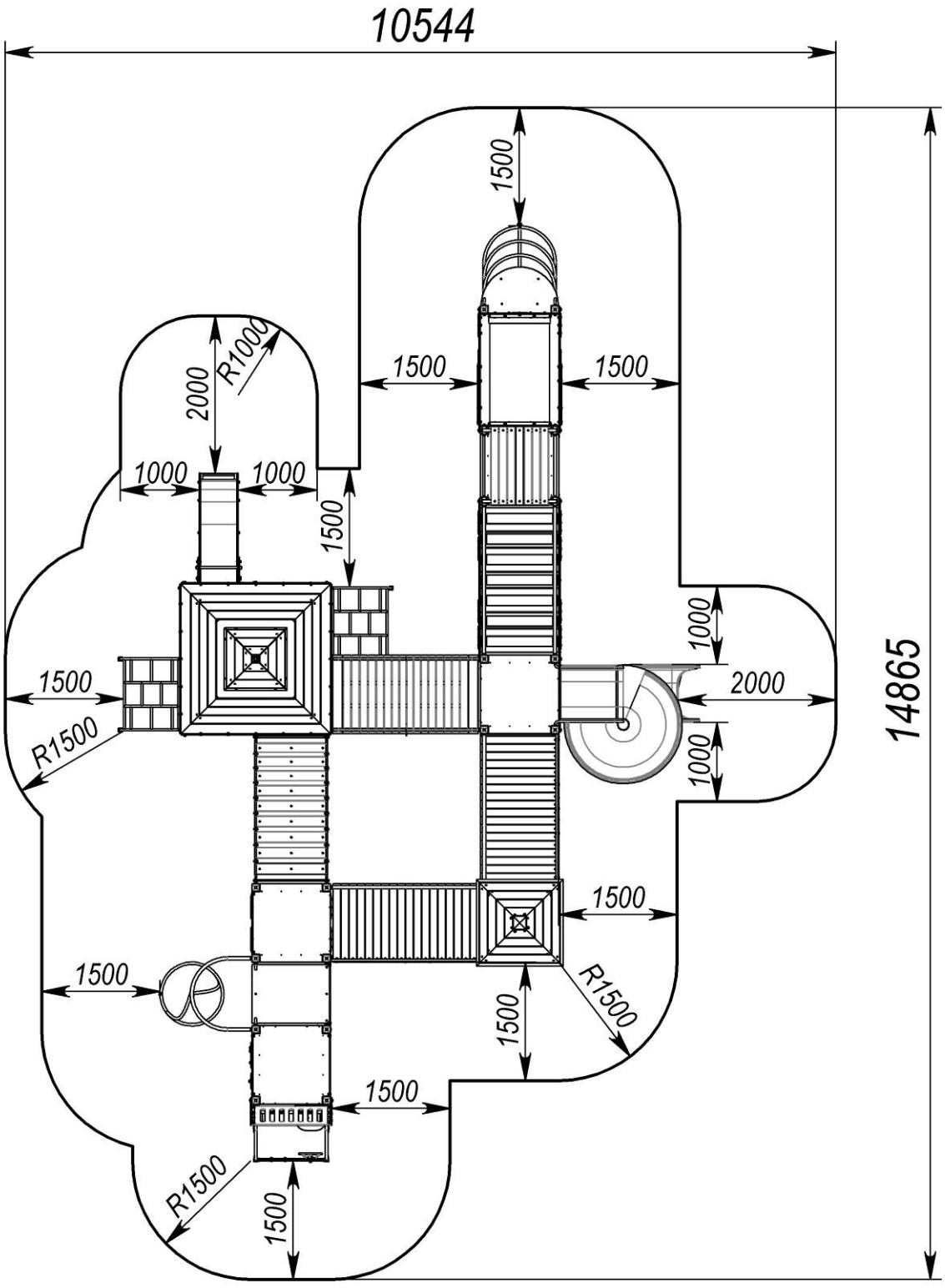
Material[1]	Description	Minimal depth, mm	Free height of fall, mm
Turf			≤1000
Tree bark	grain size 20-80 mm	200	≤2000
		300	≤3000
Sawdust	grain size 5-30 mm	200	≤2000
		300	≤3000
Sand[2]	grain size 0,2-2 mm	200	≤2000
		300	≤3000
Gravel[2]	grain size 2-8 mm	200	≤2000
		300	≤3000
Other materials[3]	Characteristics of the tested material		Critical free height of fall, obtained during testing

1. Materials specially prepared for playgrounds.
2. There should not be any clay inclusions.
3. The grain size is obtained by sieving through a sieve as in EN933-1.

Picture 26 – Concreting scheme



Picture 27 – Layout of foundations



Picture 28 – Safety zone