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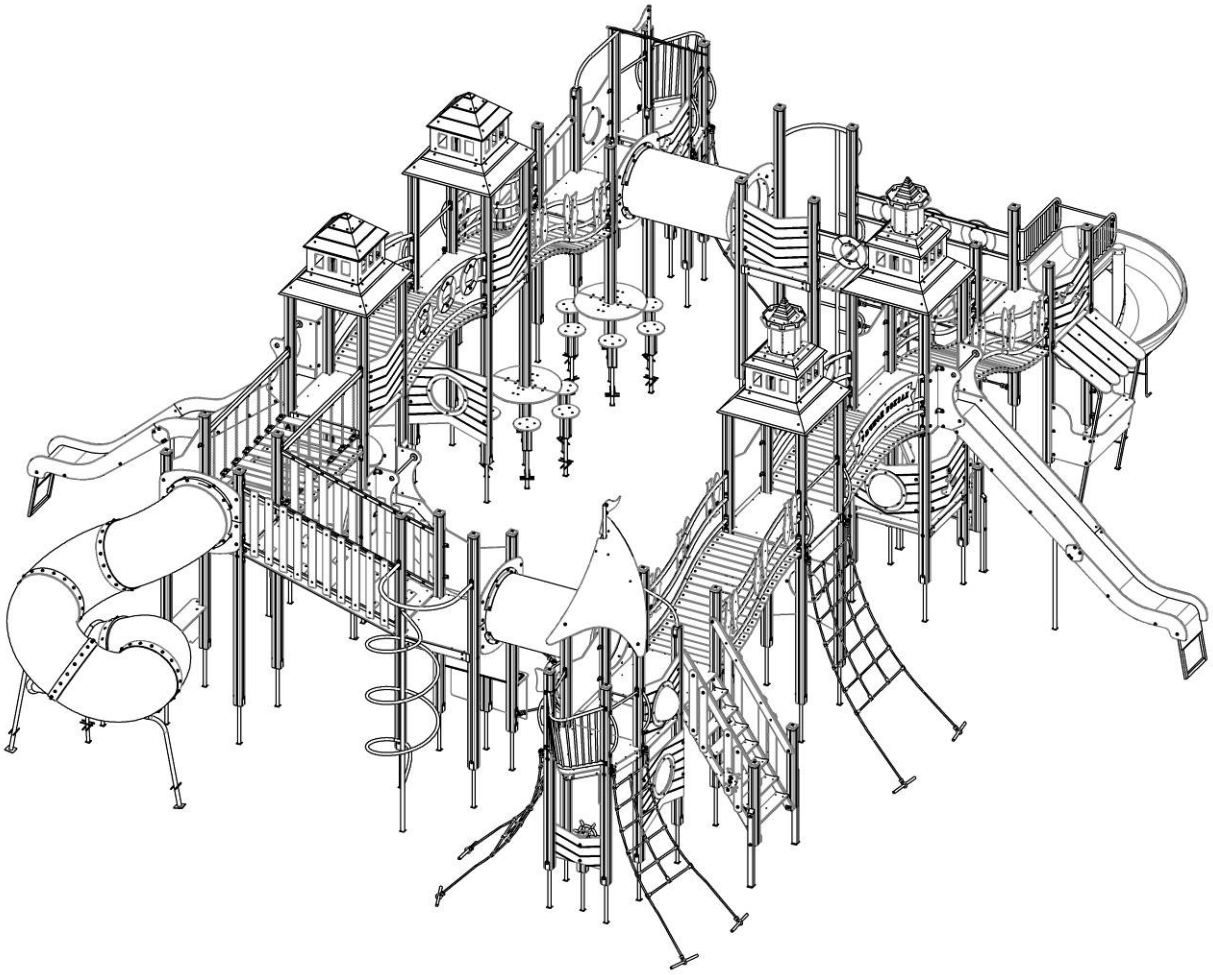
DATA SHEET

Playground complex «River station» T920



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. MAIN TECHNICAL DATA AND CHARACTERISTICS

Length, mm	**14079**
Width, mm	**12720**
Height, mm	**4834**
Weight, kg	**3362**
Free height of fall, mm	**2028**
Age restrictions, years	**from 7 to 12**
Weight restrictions, 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 four 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 (the complete set of modules is shown in pic.8-28, the module "Yachts" is quite large and therefore is shown separately in pic.3).

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 (pic. 4-7). 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 (pic.1-7).

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.1-38.

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. According to pic. 10, 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 and wave bridges. Install roofs according to the general view of the complex.
5) Install slides and other play elements to the towers.
6) 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 below.
7) Install the product according to the level marks on it in accordance with the concreting scheme (pic. 37). 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.33.

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.

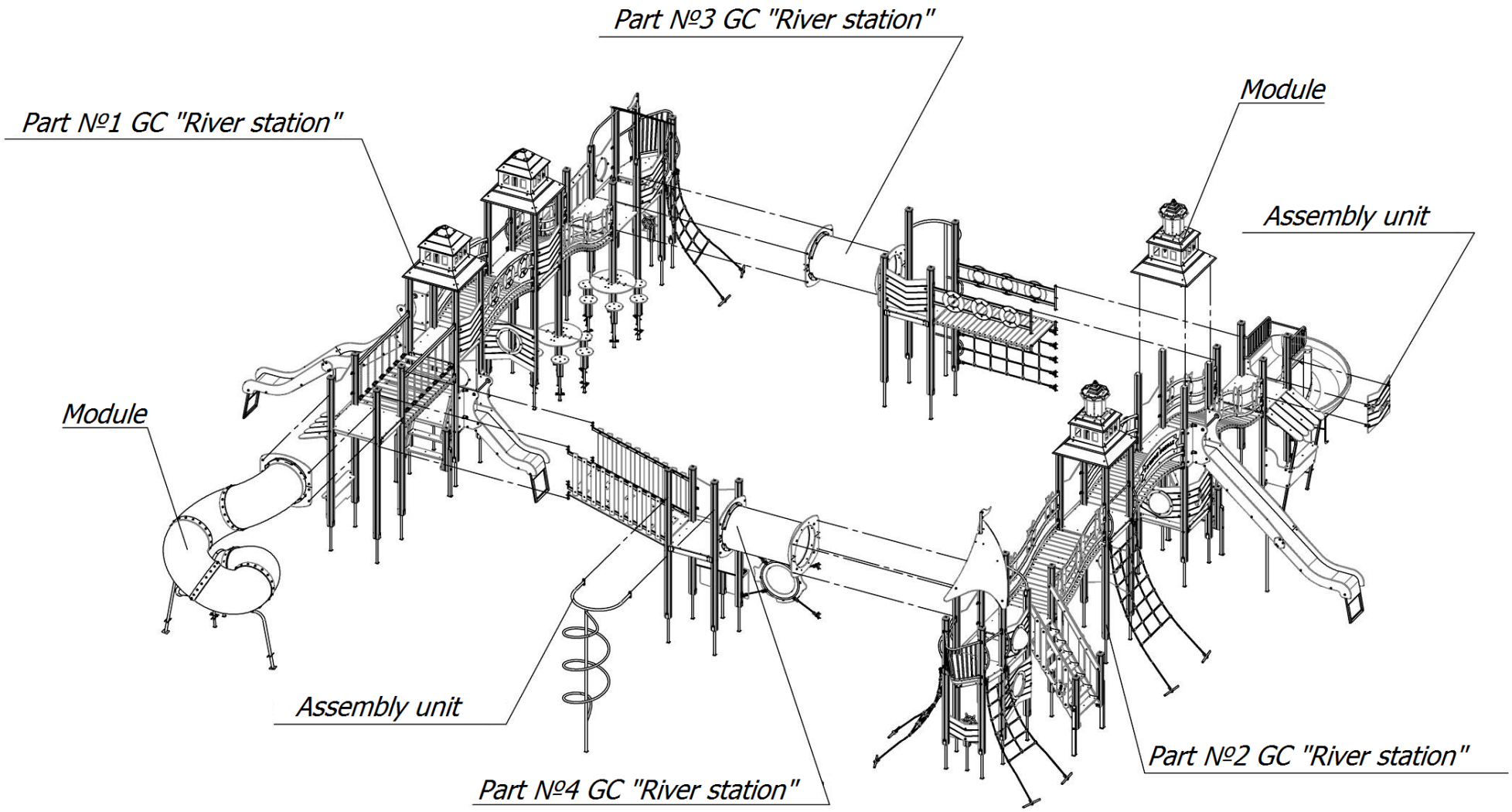
Storage information

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

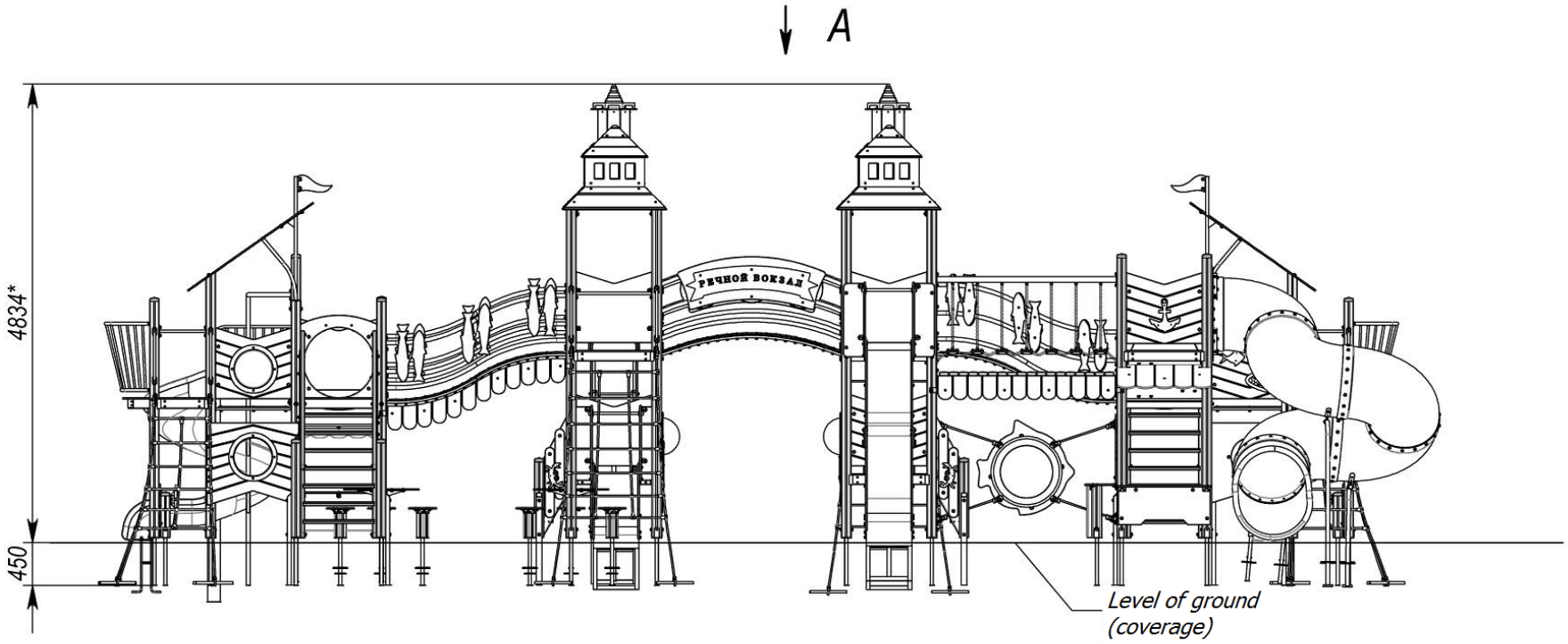
After the end of the equipment's service life, the buyer independently determines the procedure for its use. If you decide to recycle, contact the seller or specialized organizations.

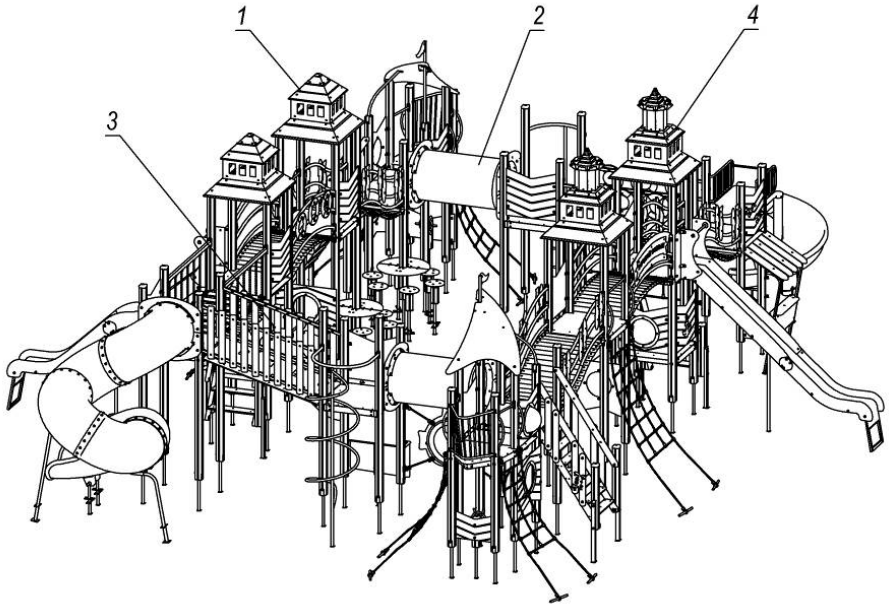
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

Appendix

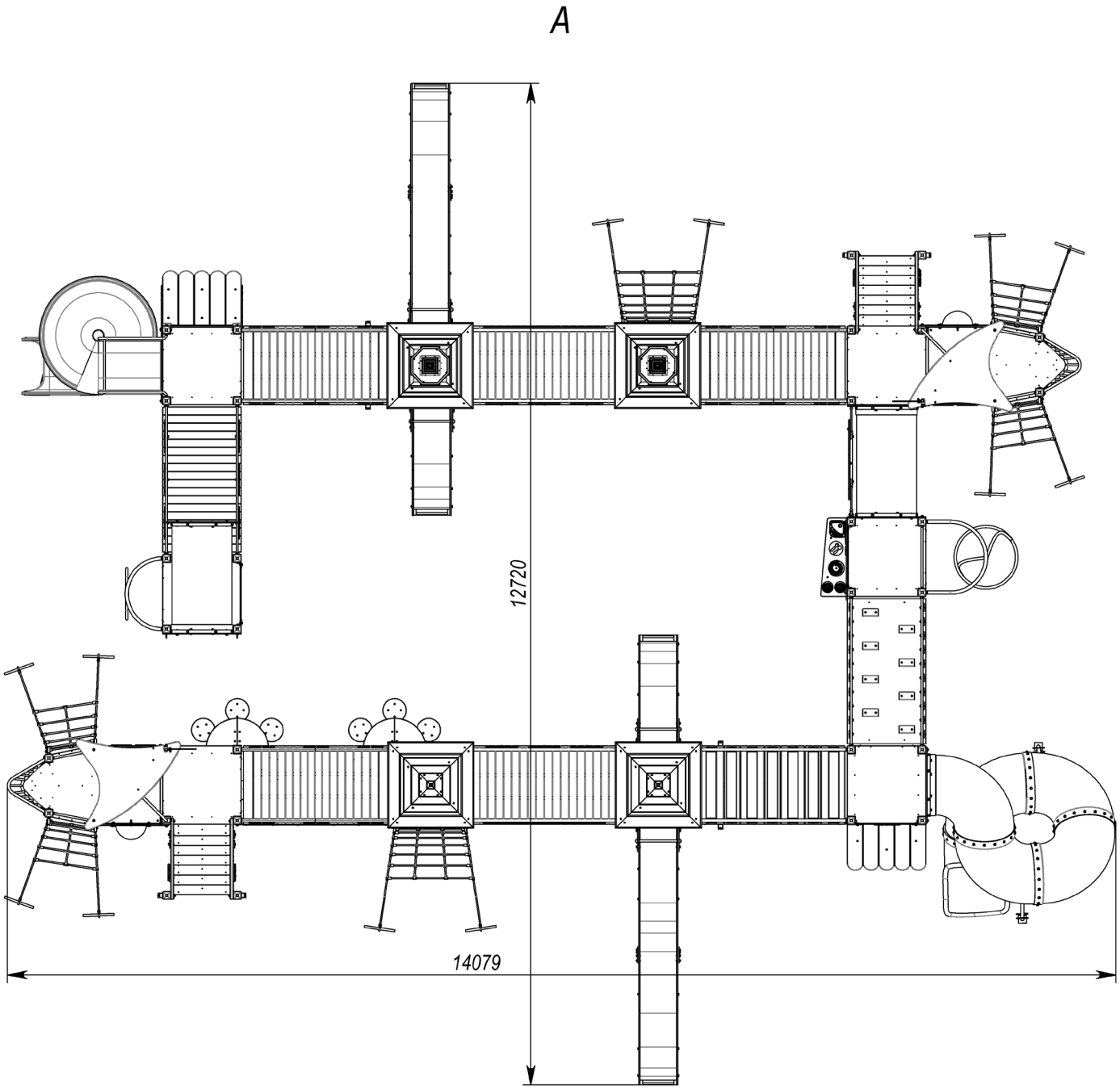


Picture 1 – Breakdown of the game complex into parts



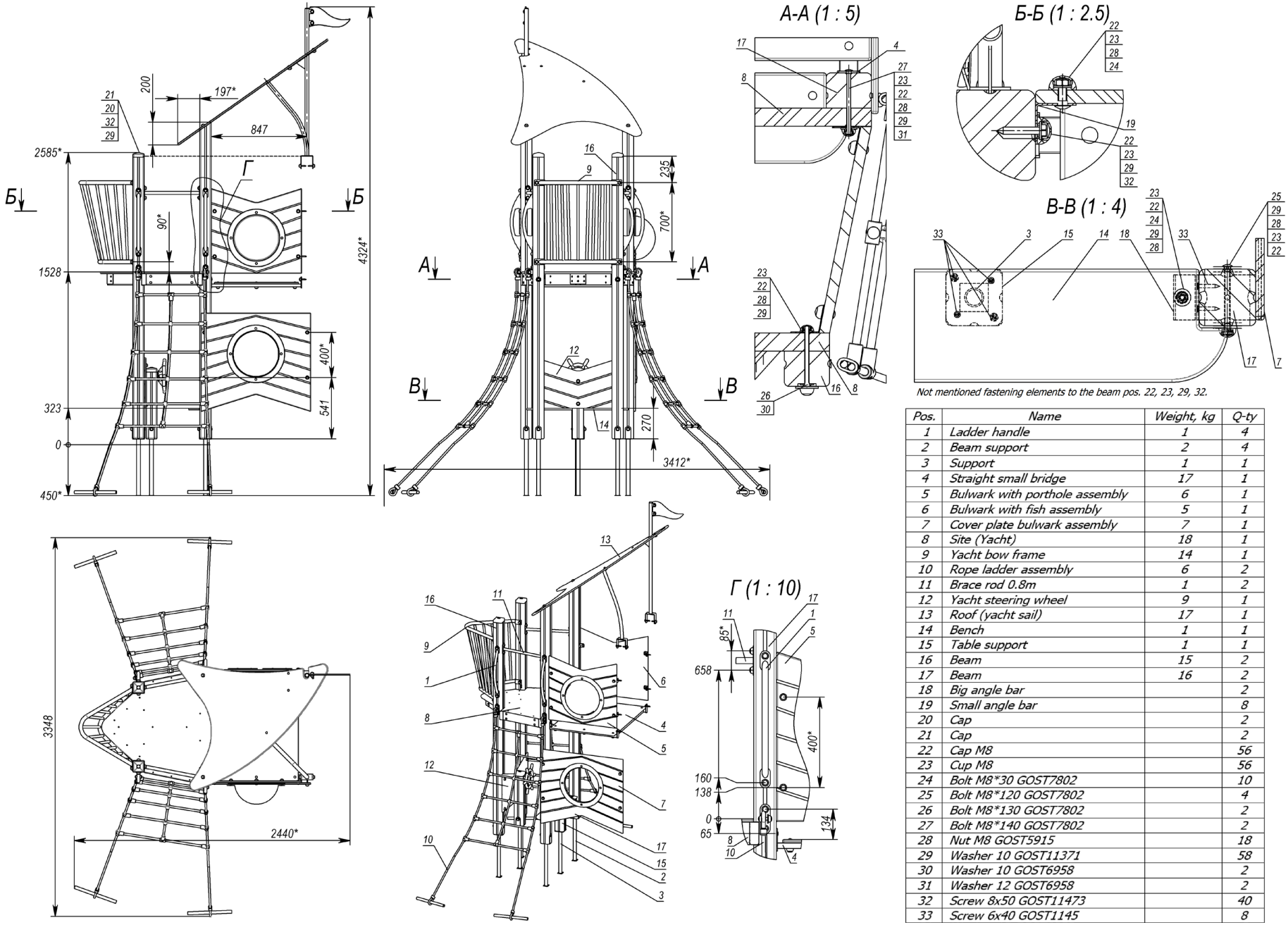


Pos.	Name	Weight, kg	Q-ty
1	Part 1 – GC "River station"	1517	1
2	Part 2 – GC "River station"	244	1
3	Part 3 – GC "River station"	296	1
4	Part 4 – GC "River station"	1305	1



Picture 2- Overall dimensions of the complex

«Yacht» module



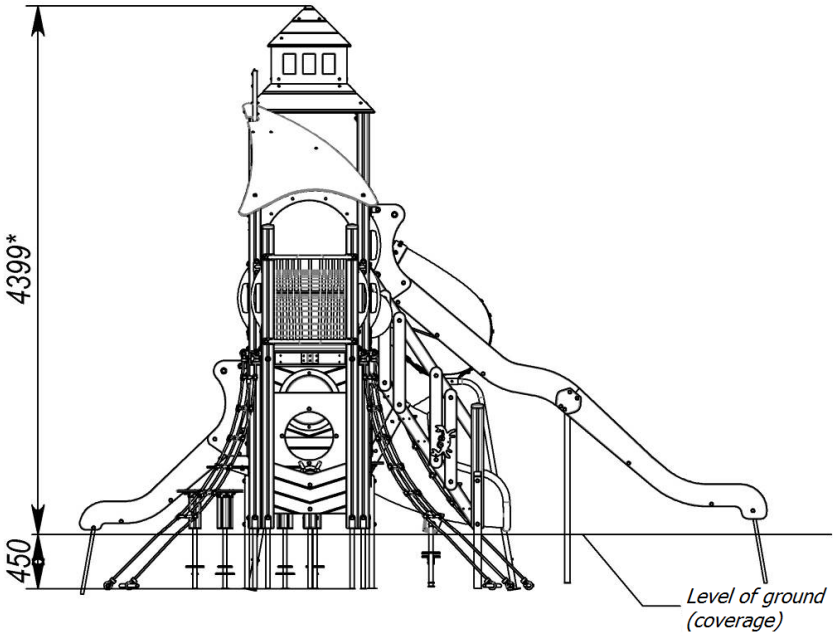
Not mentioned fastening elements to the beam pos. 22, 23, 29, 32.

Pos.	Name	Weight, kg	Q-ty
1	Ladder handle	1	4
2	Beam support	2	4
3	Support	1	1
4	Straight small bridge	17	1
5	Bulwark with porthole assembly	6	1
6	Bulwark with fish assembly	5	1
7	Cover plate bulwark assembly	7	1
8	Site (Yacht)	18	1
9	Yacht bow frame	14	1
10	Rope ladder assembly	6	2
11	Brace rod 0.8m	1	2
12	Yacht steering wheel	9	1
13	Roof (yacht sail)	17	1
14	Bench	1	1
15	Table support	1	1
16	Beam	15	2
17	Beam	16	2
18	Big angle bar		2
19	Small angle bar		8
20	Cap		2
21	Cap		2
22	Cap M8		56
23	Cup M8		56
24	Bolt M8*30 GOST7802		10
25	Bolt M8*120 GOST7802		4
26	Bolt M8*130 GOST7802		2
27	Bolt M8*140 GOST7802		2
28	Nut M8 GOST5915		18
29	Washer 10 GOST11371		58
30	Washer 10 GOST6958		2
31	Washer 12 GOST6958		2
32	Screw 8x50 GOST11473		40
33	Screw 6x40 GOST1145		8

Picture 3

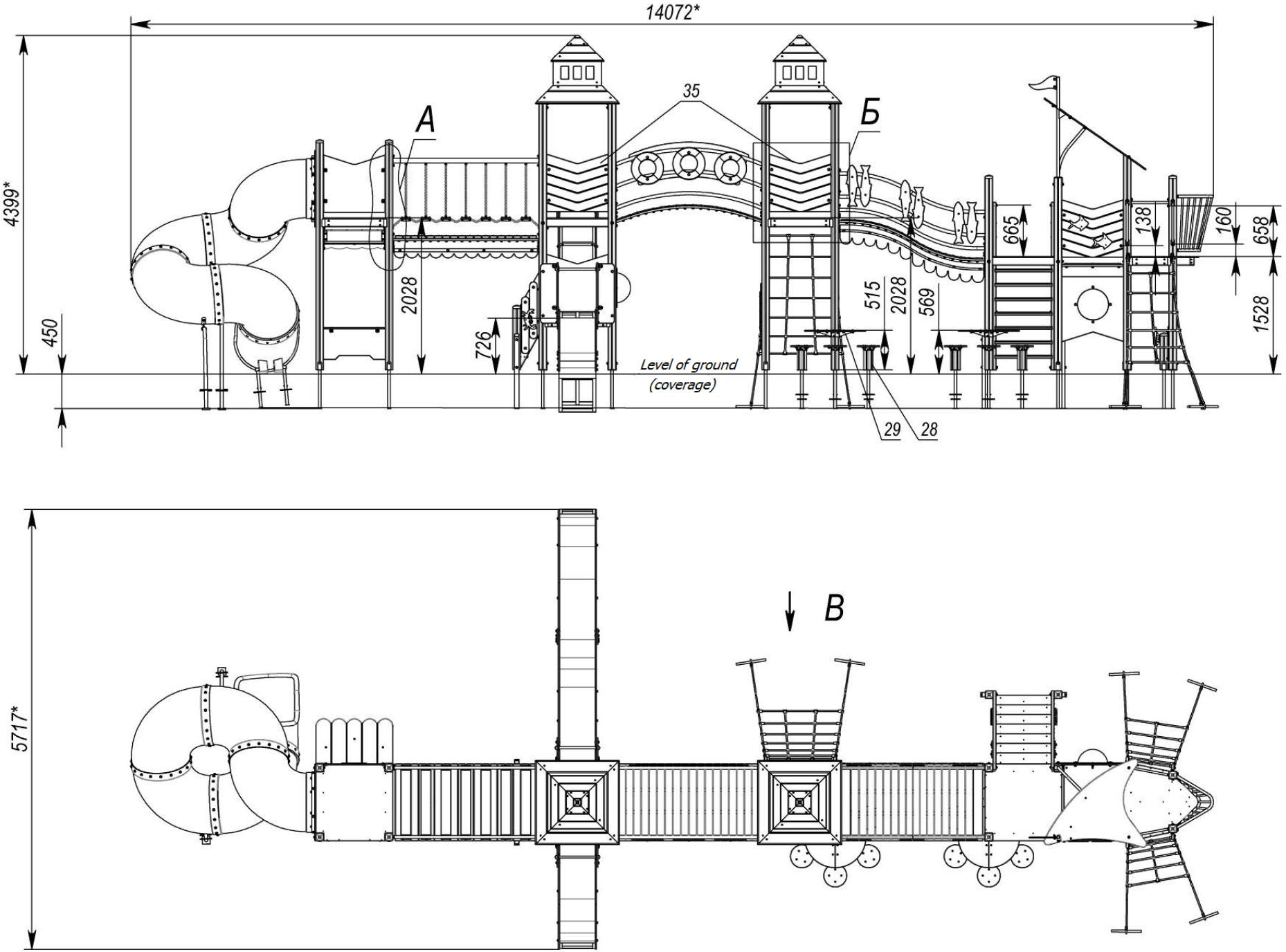
Part 1 GC «River station»

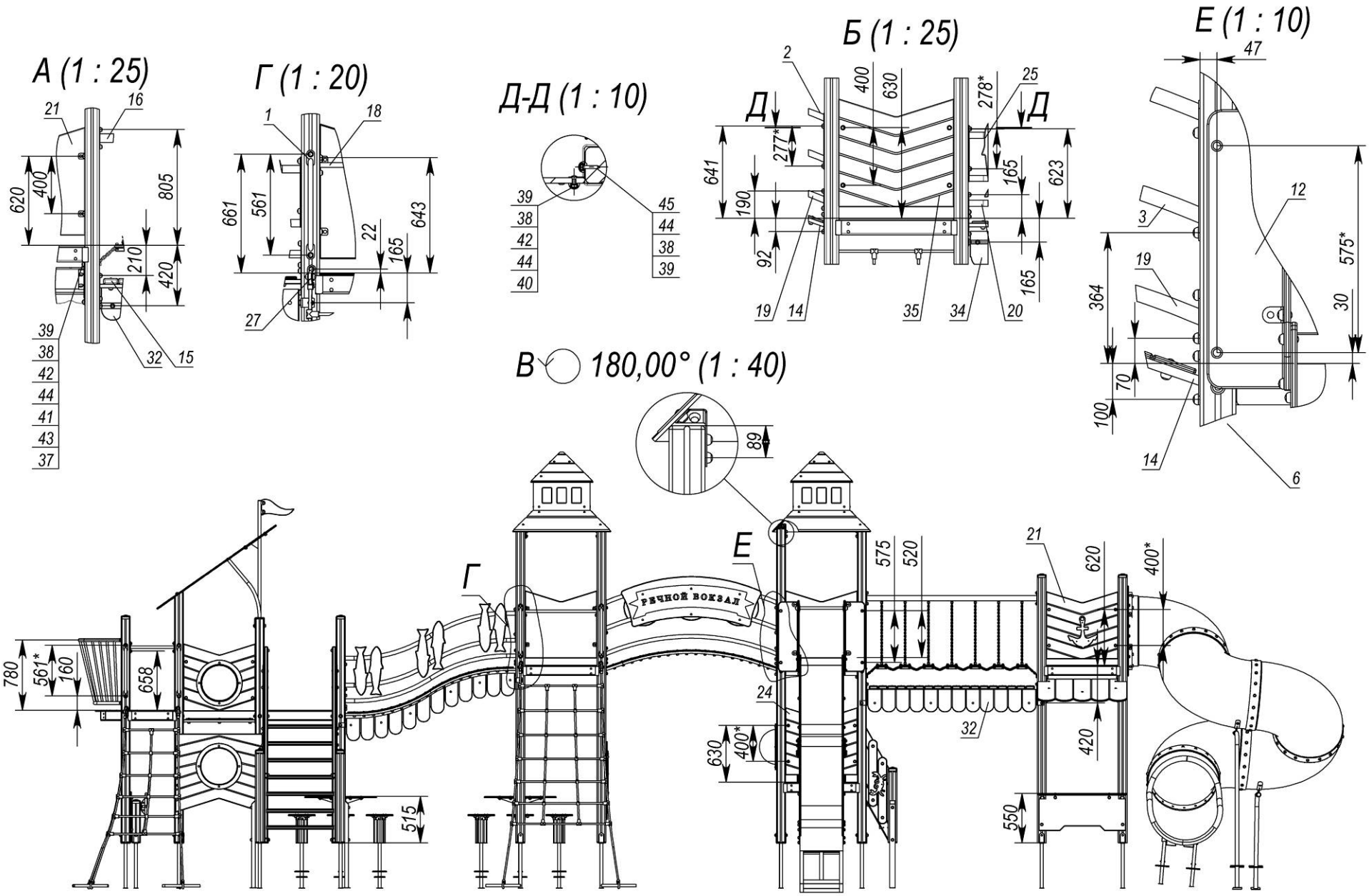
Pos.	Name	Weight, kg	Q-ty
1	Ladder handle	1	2
2	Radial railings (lifebuoys) assembly	15	1
3	Arched railings (River station) assembly	18	1
4	Tower (1.5m) with hardware	84	1
5	Tower 2m 1x1	93	1
6	Tower 0.7-2m (beam 3.5m)	107	1
7	Tower 2m 1x1 (without caps)	105	1
8	Stairs	64	1
9	Stairs with wooden handrails	31	1
10	Stepped roof assembly	42	2
11	Slide 700 assembly		1
12	Wavy slide (2m) assembly	88	1
13	Slide Ukrkhimplast (2m)	198	1
14	Radial bridge (plywood TPS)	42	1
15	Straight bridge	59	1
16	Chain bridge (plywood TPS)	54	1
17	Wavy bridge (plywood TPS)	40	1
18	Brace rod 0.8m	1	1
19	Radial railings single	6	2
20	Wavy railings single-row (drop 500mm)	6	2
21	Bulwark with anchor	5	1
22	Bulwark with porthole assembly	6	1
23	Cover plate bulwark assembly	7	1
24	Bulwark assembly	6	1
25	Wavy bridge railings assembly right	17	1
26	Wavy bridge railings assembly left	17	1
27	Rope ladder assembly	12	1
28	Bench assembly	6	12
29	Round table	9	2
30	Tower 1.5m (Yacht)	188	1
31	Café "River station"	7	1
32	Canopy assembly	8	1
33	Canopy assembly	12	1
34	Wavy canopy assembly	9	1
35	Cover plate bulwark	5	2
36	Angle bar 45x45x40 (90 degrees)		20
37	Cap S13		4
38	Cup M8		132
39	Cap M8		132
40	Bolt M8x30 GOST7802		20
41	Bolt M8x120 DIN931		4
42	Nut M8 GOST5915		24
43	Washer 8 GOST11371		4
44	Washer 10 GOST11371		132
45	Screw 8x50 GOST11473		108

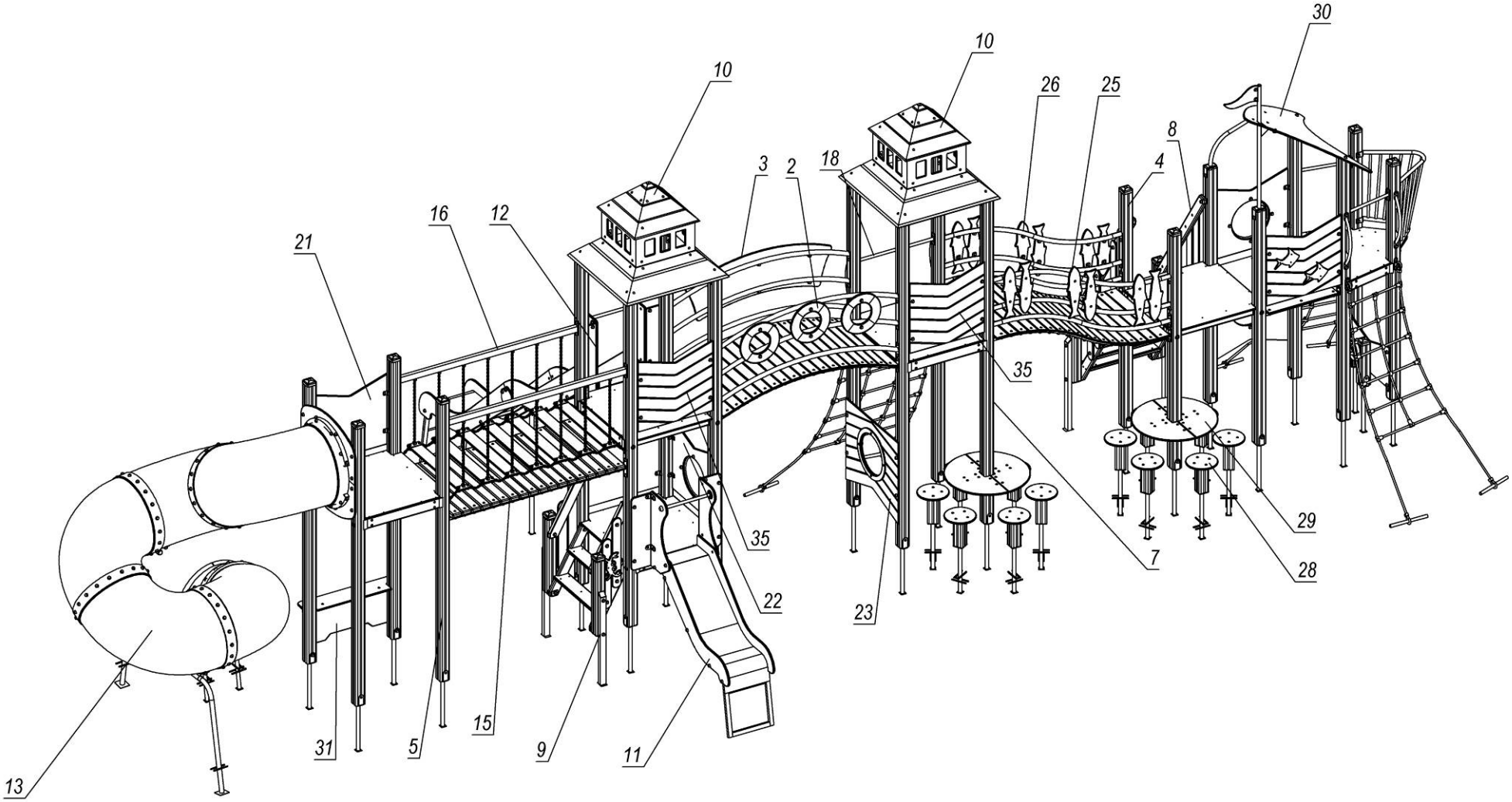


Element fasteners of the complex pos. 38, 39, 42, 44, 45 are not mentioned.

Picture 4- Completeness and main characteristics of the first part

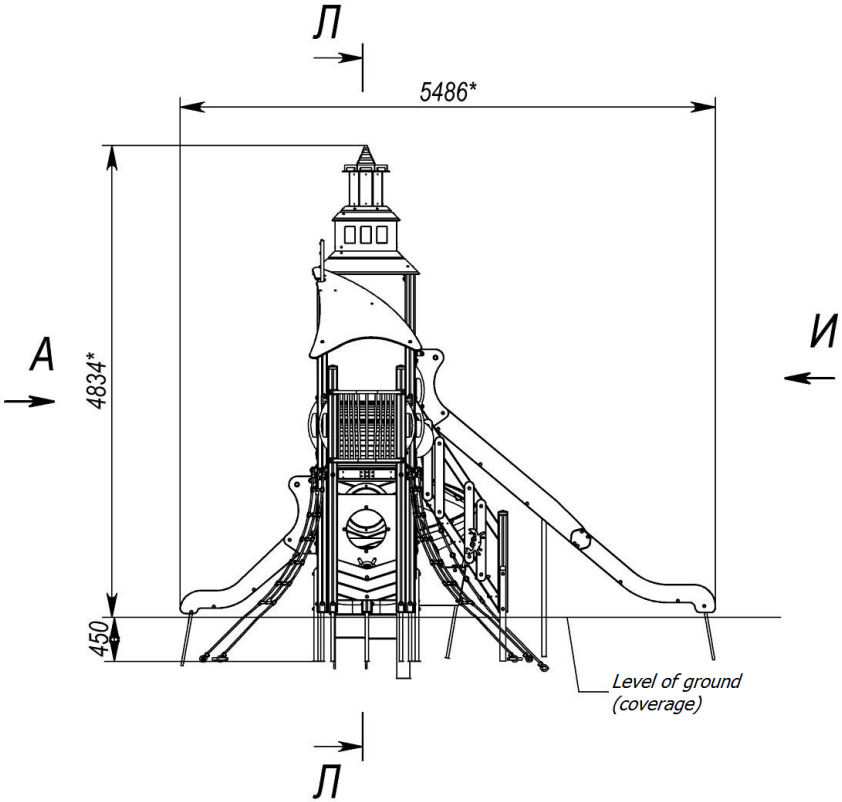

14072*
4399*
450
2028
726
35
А
Б
665
138
160
658
1528
515
2028
569
Level of ground
(coverage)
29
28
5717*
В


А (1 : 25)
Г (1 : 20)
Д-Д (1 : 10)
Б (1 : 25)
Е (1 : 10)
В 180,00° (1 : 40)
Д
Г
Е
РЕЧНОЙ ВОКЗАЛ


30
10
10
26
25
8
4
3
2
18
16
12
21
35
35
7
29
28
22
23
13
31
5
15
9
11

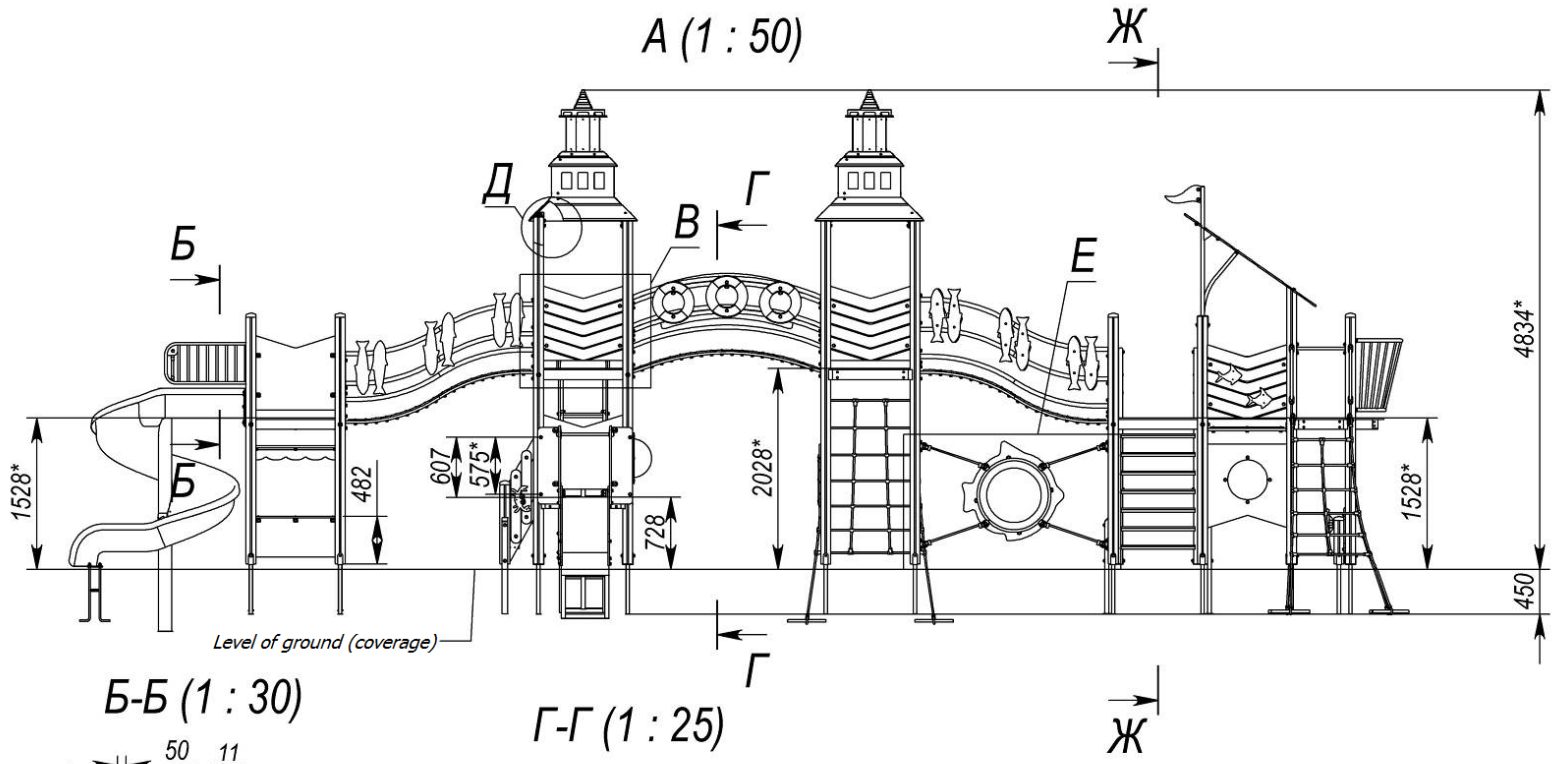
Part 2 GC «River station»

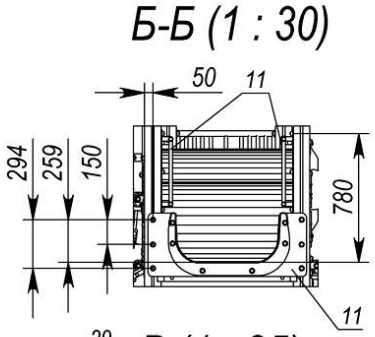
Pos.	Name	Weight, kg	Q-ty
1	Radial railings (lifebuoys) assembly	15	1
2	Ladder handle	1	2
3	Tower (1.5m) with hardware	84	1
4	Tower (1.5m) with hardware	84	1
5	Tower 0.7-2m (beam 3.5m)	107	1
6	Tower 2m 1x1 (without caps)	106	1
7	Stairs	64	1
8	Stairs with wooden handrails	31	1
9	Stepped roof assembly	42	2
10	Slide 700 assembly		1
11	Spiral descent assembly	84	1
12	Slide 2 m assembly	84	1
13	Radial bridge (plywood TPS)	42	1
14	Wavy bridge (plywood TPS)	40	2
15	Brace rod 0.8 m	1	1
16	Radial railings single	6	2
17	Wavy railings single (drop 500 mm)	6	4
18	Bulwark with anchor	5	1
19	Bulwark with porthole assembly	6	1
20	Bulwark with seagulls assembly	6	1
21	Cover plate bulwark assembly	7	1
22	Arched railings (River station) assembly	18	1
23	Wavy bridge railings assembly right	17	2
24	Wavy bridge railings assembly left	17	2
25	Rope ladder assembly	12	1
26	Tower 1.5 m (Yacht)	188	1
27	Cash desk (River station)	33	1
28	Angle bar 45x45x40 (90 degrees)		20
29	Cover plate bulwark	5	2
30	Manhole fish assembly	11	1
31	Cap M8		132
32	Cup M8		132
33	Bolt M8x30 GOST7802		20
34	Nut M8 GOST5915		20
35	Washer 10 GOST11371		132
36	Screw 8x50 GOST11473		112

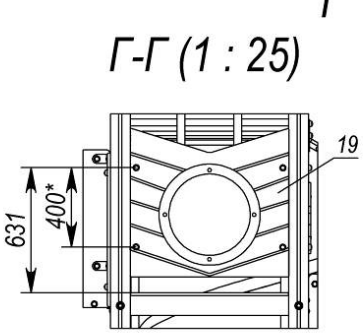


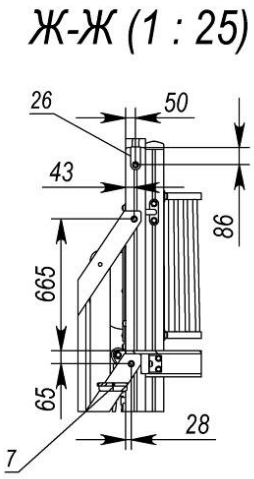
Element fasteners of the complex pos. 31, 32, 35, 36 are not given the same as type H-H.

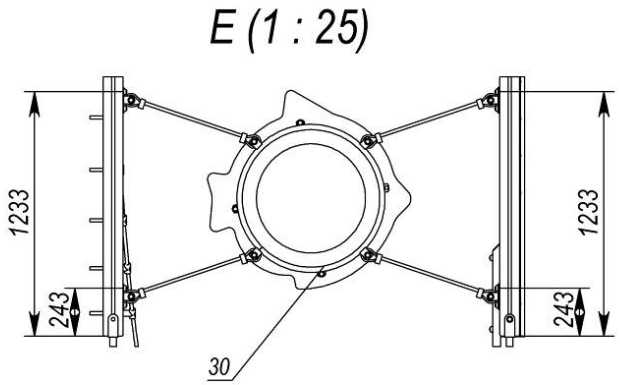
Picture 5 - Completeness and main characteristics of the second part

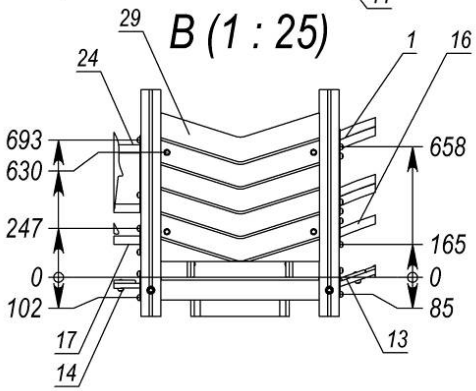

А (1 : 50)
Ж
Д
В
Г
Б
Е
Б
1528*
482
607
575*
728
2028*
1528*
4834*
450
Level of ground (coverage)
Г
Ж

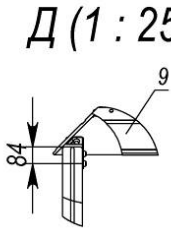

Б-Б (1 : 30)
50
11
294
259
150
780
11


Г-Г (1 : 25)
19
631
400*

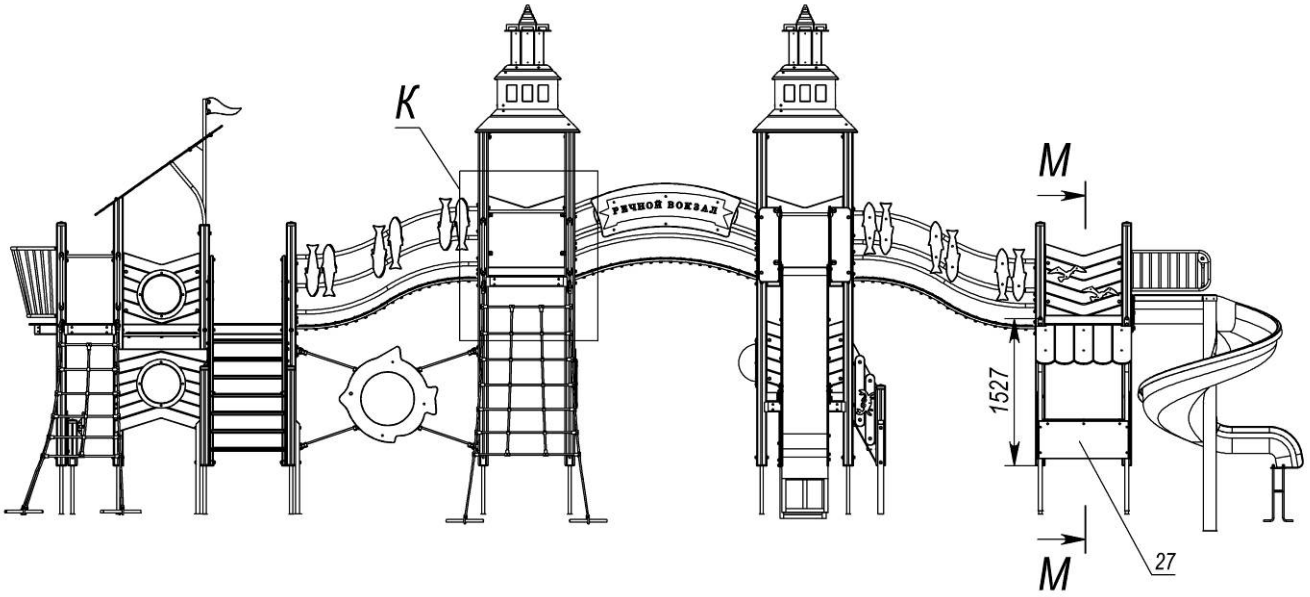

Ж-Ж (1 : 25)
26
50
43
86
665
65
28
7


Е (1 : 25)
1233
1233
243
243
30

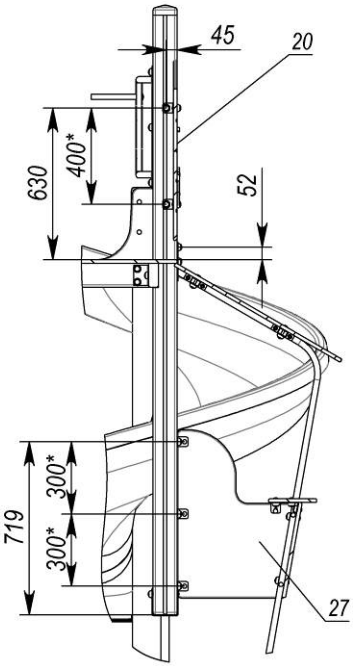

В (1 : 25)
29
24
1
16
693
630
247
0
102
658
165
0
85
17
14
13


Д (1 : 25)
9
84

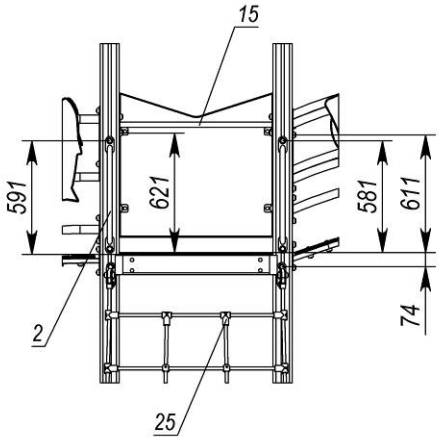
И (1 : 50)



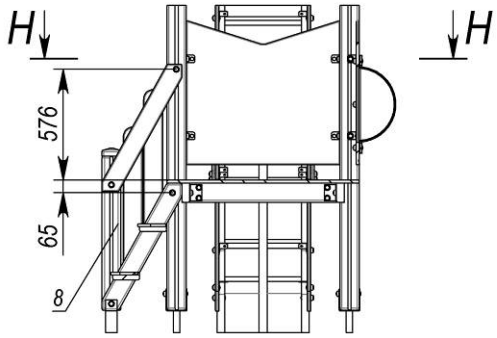
М-М (1 : 20)



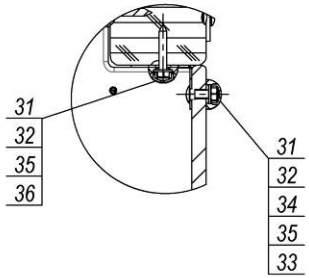
К (1 : 25)

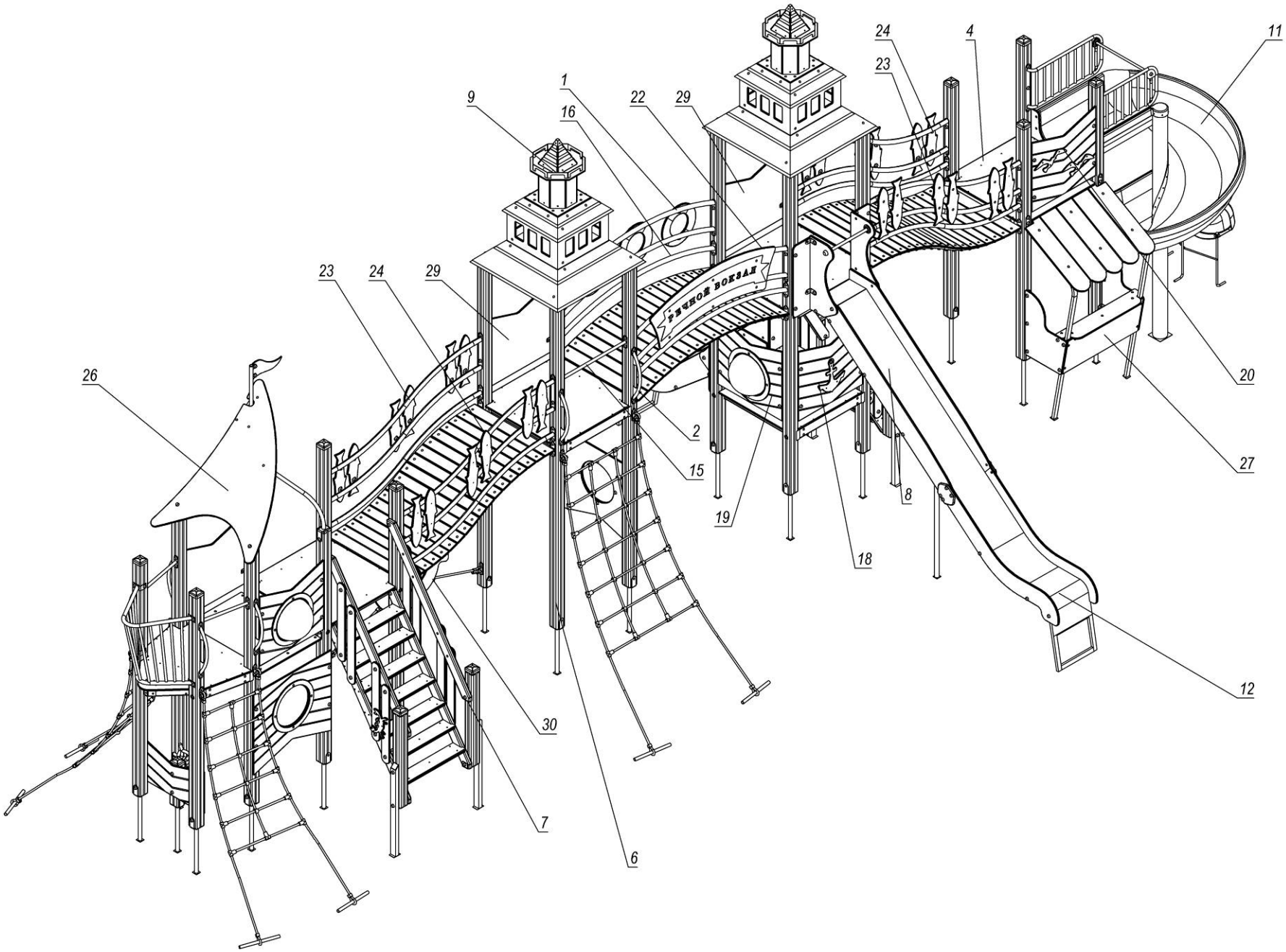


Л-Л (1 : 25)



Н-Н (1 : 5)




РЕЧНОЙ ВОКЗАЛ
1
2
4
6
7
8
9
11
12
15
16
18
19
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23
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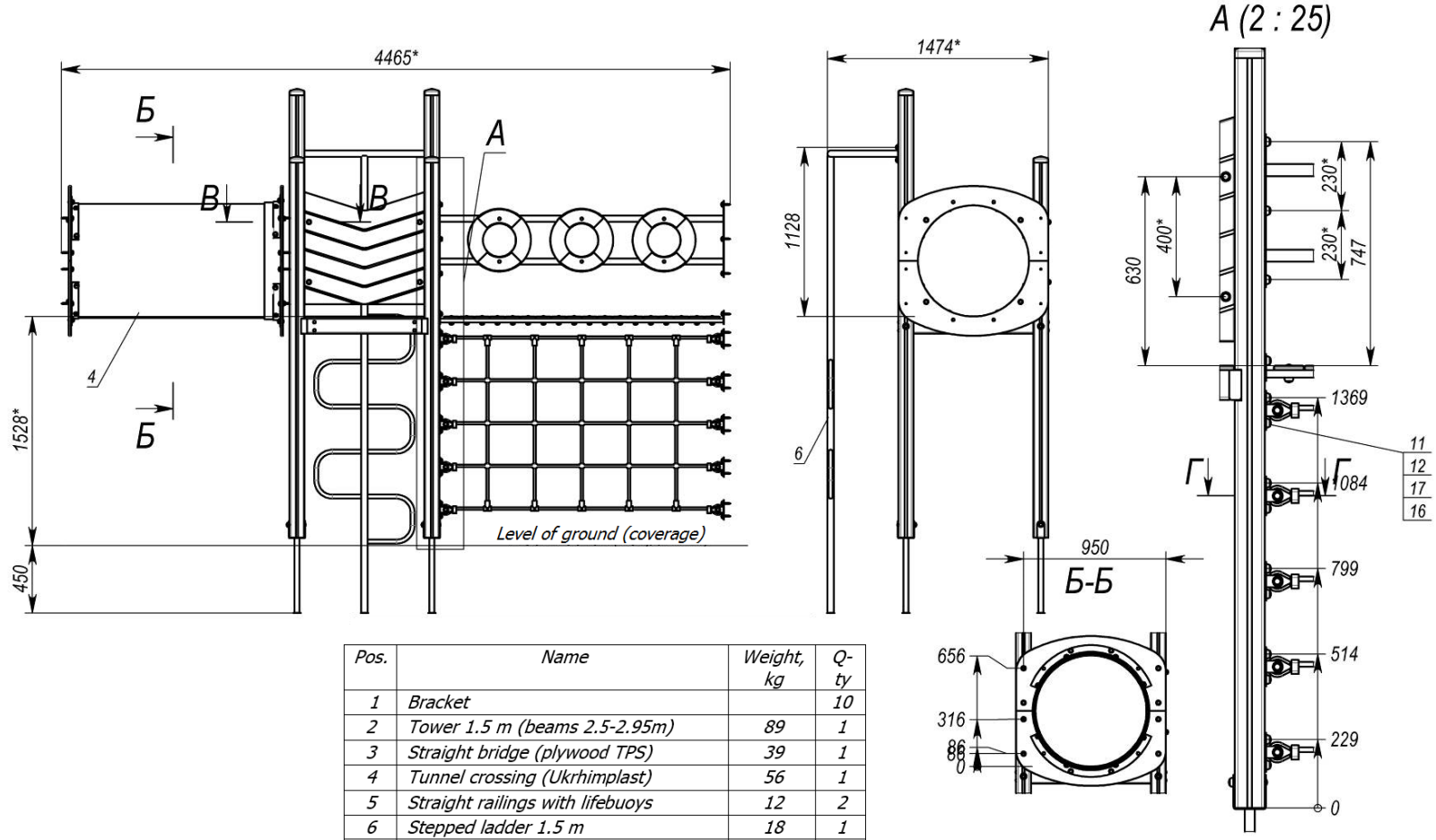
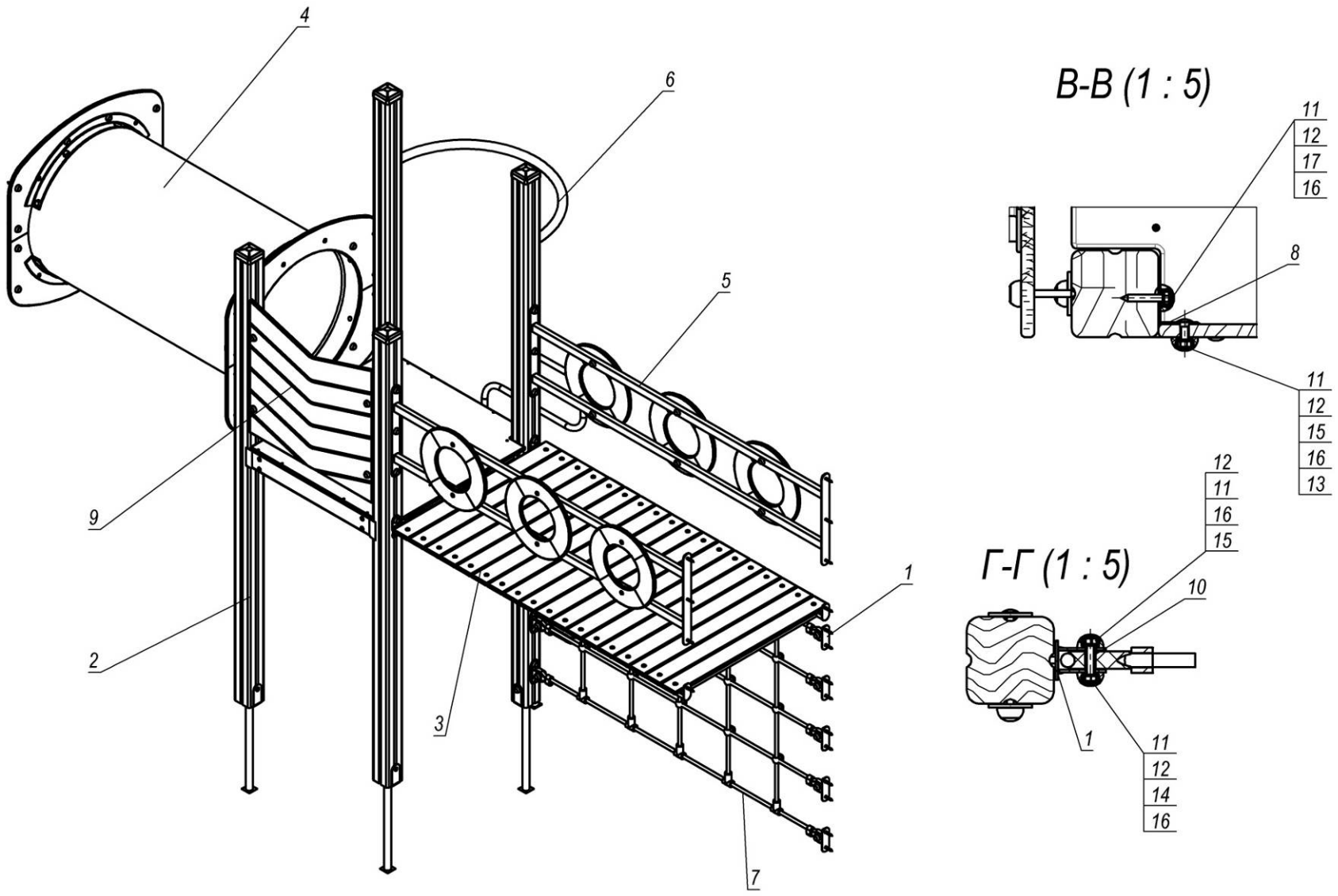
27
29
30

Part 3 GC «River station»

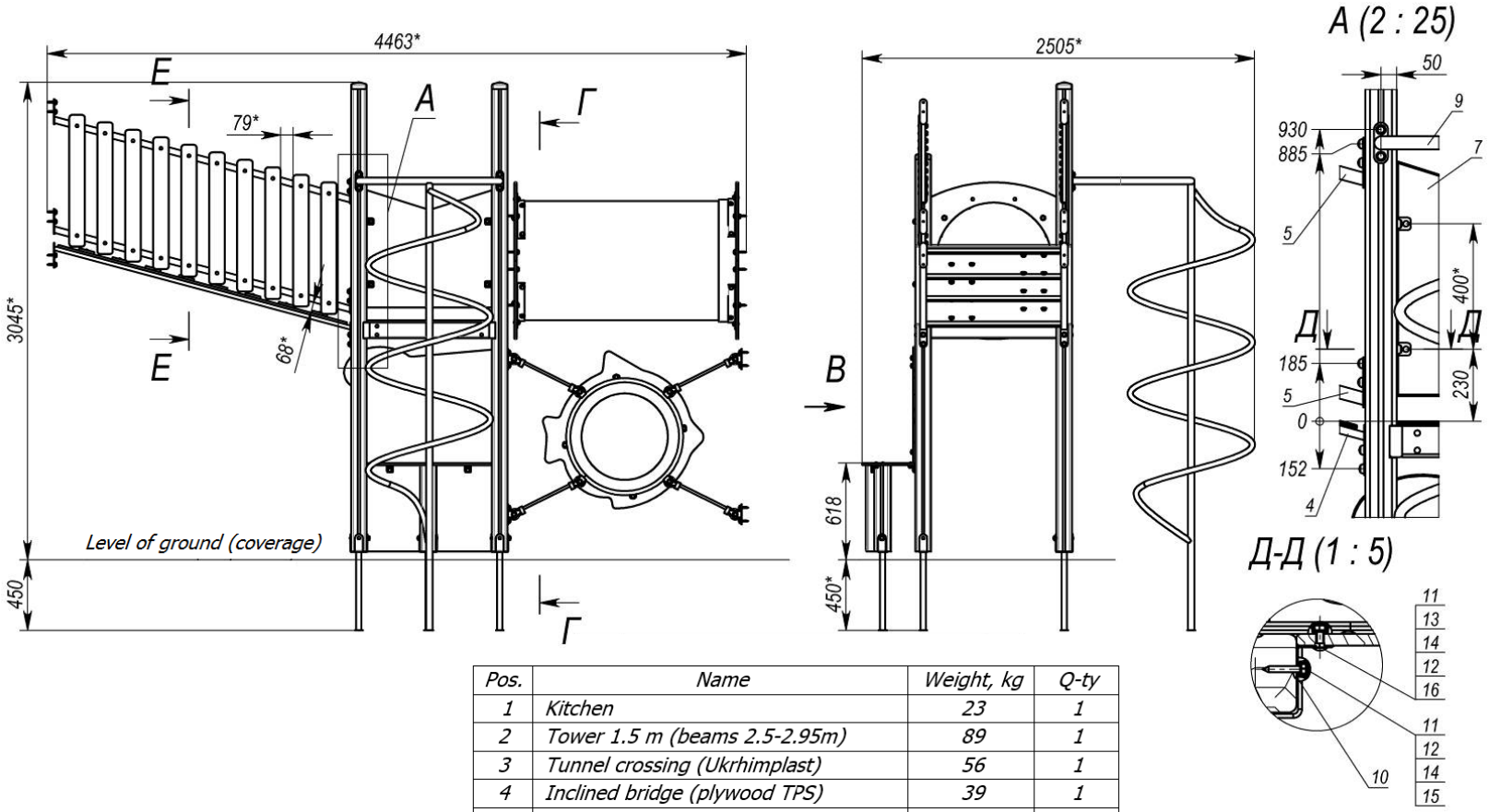


Pos.	Name	Weight, kg	Q-ty
1	Bracket		10
2	Tower 1.5 m (beams 2.5-2.95m)	89	1
3	Straight bridge (plywood TPS)	39	1
4	Tunnel crossing (Ukrhimplast)	56	1
5	Straight railings with lifebuoys	12	2
6	Stepped ladder 1.5 m	18	1
7	Rope mesh (1.3x1.9)	8	1
8	Angle bar 45x45x40 (90 degrees)		4
9	Cover plate bulwark	5	1
10	Tube d12x1.5 GOST10704, L=22mm		10
11	Cap M8		68
12	Cup M8		68
13	Bolt M8x30 GOST7802		4
14	Bolt M8x45 GOST7802		10
15	Nut M8 GOST5915		14
16	Washer 10 GOST11371		68
17	Screw 8x50 GOST11473		44

Picture 6 - Completeness and main characteristics of the third part


4
6
5
9
2
3
1
7
В-В (1 : 5)
11
12
17
16
8
11
12
15
16
13
Г-Г (1 : 5)
12
11
16
15
10
1
11
12
14
16

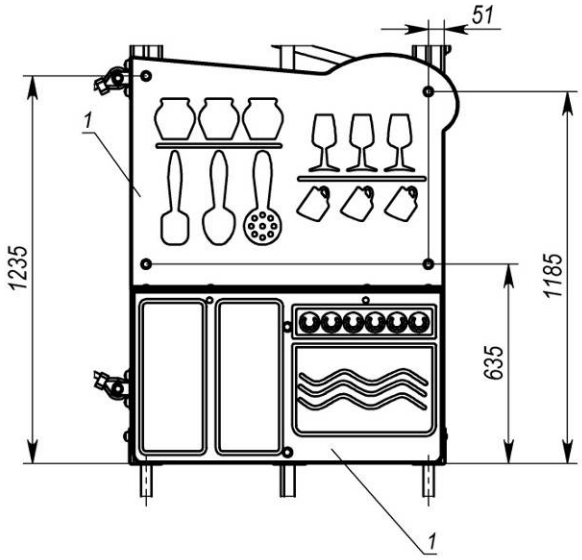
Part 4 GC «River station»



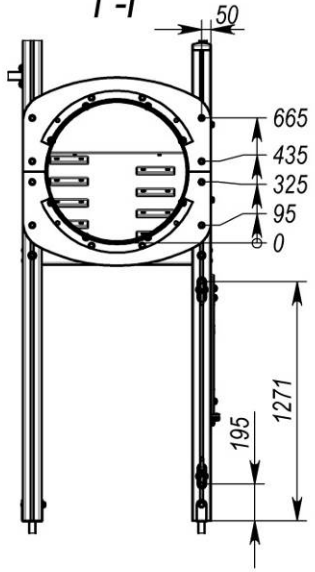
Pos.	Name	Weight, kg	Q-ty
1	Kitchen	23	1
2	Tower 1.5 m (beams 2.5-2.95m)	89	1
3	Tunnel crossing (Ukrhimplast)	56	1
4	Inclined bridge (plywood TPS)	39	1
5	Inclined railings frame	4	4
6	Manhole fish assembly	13	1
7	Cover plate Bulwark	5	1
8	Cover plate	1	20
9	Spiral ladder	31	1
10	Angle bar 45x45x40 (90 degrees)		4
11	Cap M8		84
12	Cup M8		84
13	Nut M8 GOST5915		44
14	Washer 10 GOST11371		84
15	Screw 8x50 GOST11473		40
16	Bolt M8x30 GOST7802		4
17	Bolt M8x55 GOST7802		40

Picture 7 - Completeness and main characteristics of the fourth part

В (1 : 15)


51
1
1235
1185
635
1

Г-Г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325
95
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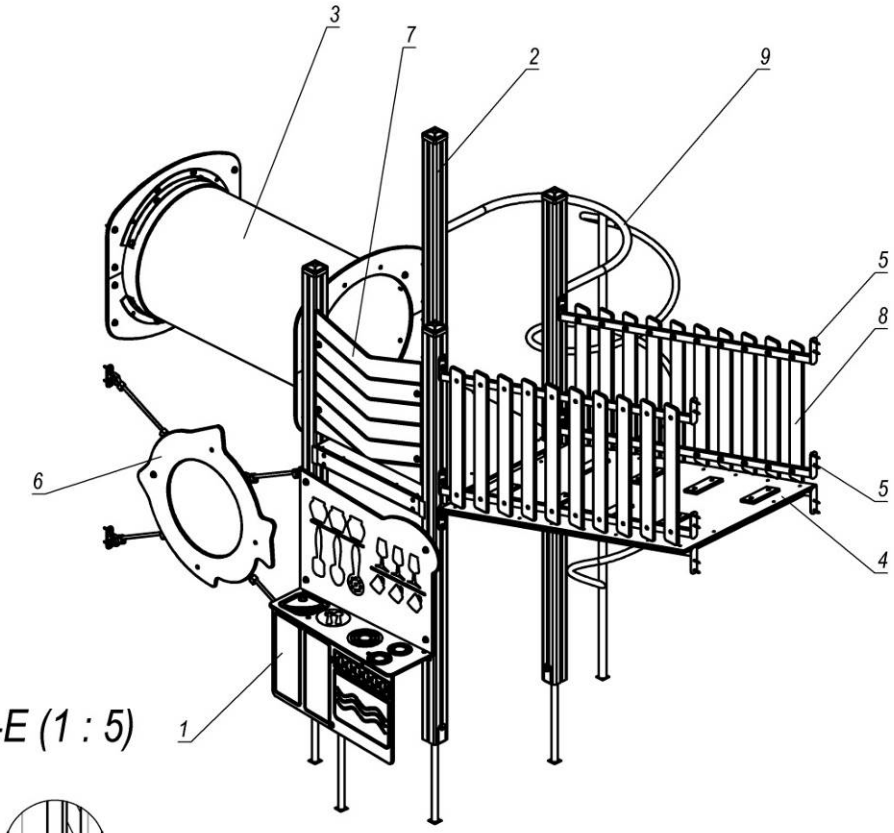
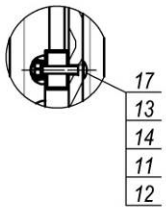
1271
195


3
7
2
9
5
8
6
5
4
1

Е-Е (1 : 5)


17
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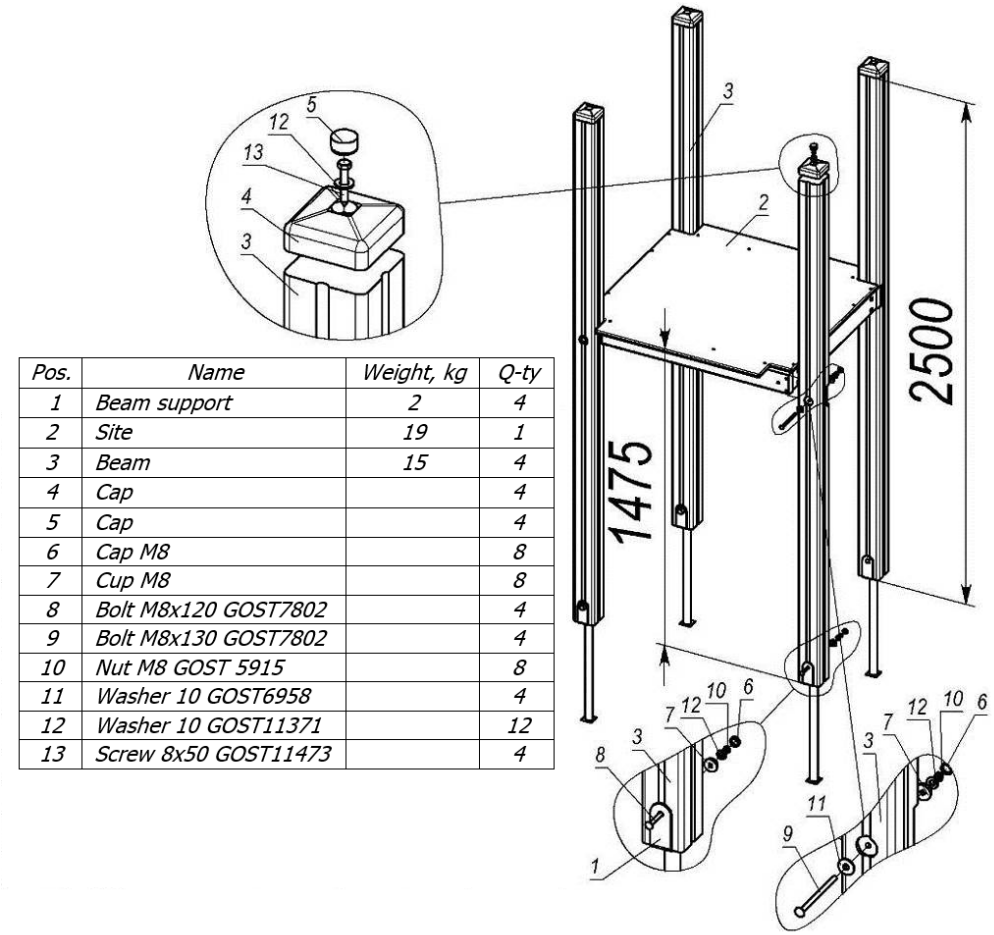
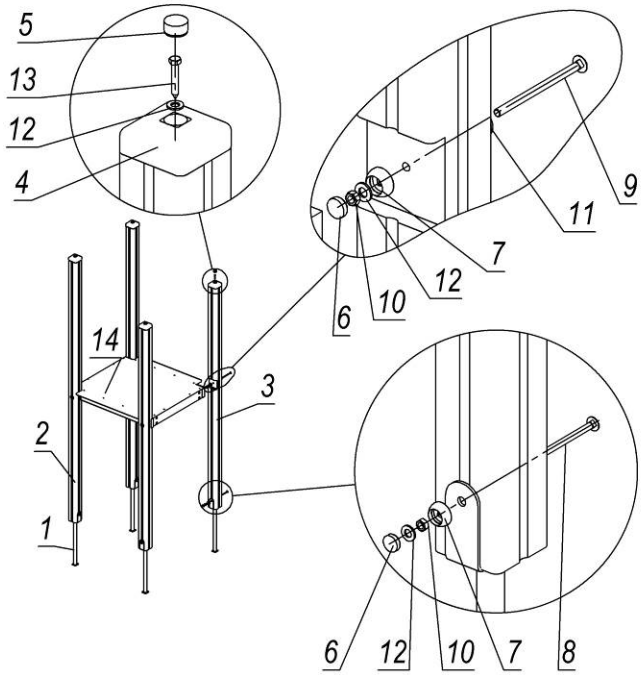
14
11
12



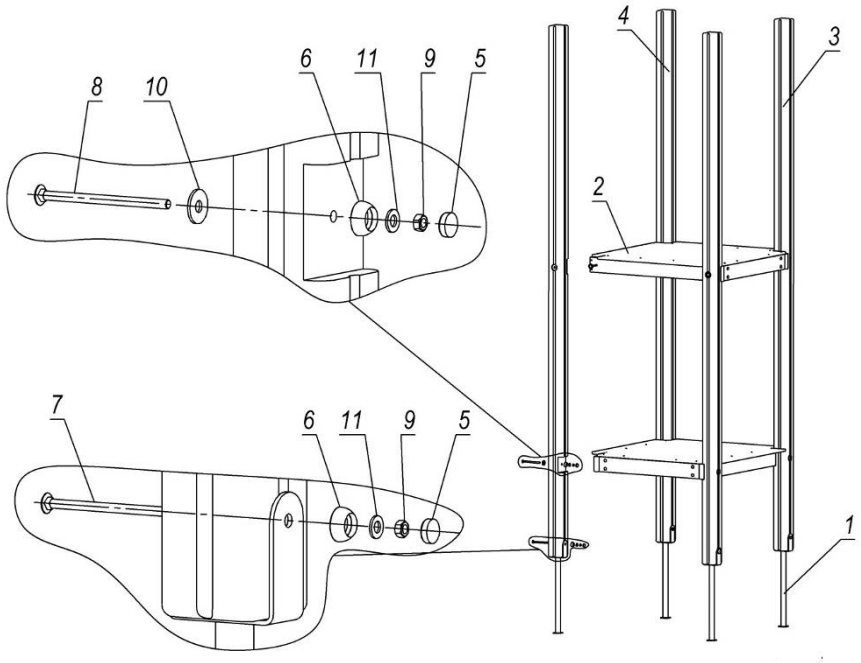
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	1
3	Beam	15	4
4	Cap		4
5	Cap		4
6	Cap M8		8
7	Cup M8		8
8	Bolt M8x120 GOST7802		4
9	Bolt M8x130 GOST7802		4
10	Nut M8 GOST 5915		8
11	Washer 10 GOST6958		4
12	Washer 10 GOST11371		12
13	Screw 8x50 GOST11473		4

Picture 8 – Components and assembly scheme of the 1.5 m tower with caps
(1.5 m - height of the platform from ground level)



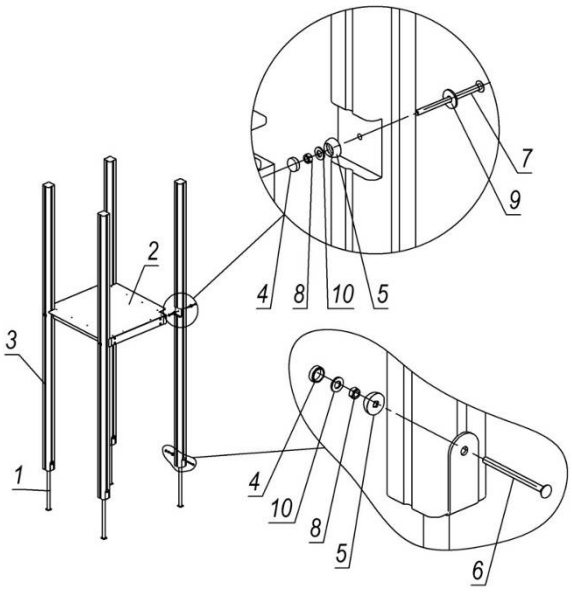
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Beam	17	2
3	Beam	15	2
4	Cap		4
5	Cap		4
6	Cap M8		8
7	Cup M8		8
8	Bolt M8x120 GOST7802		4
9	Bolt M8x130 GOST7802		4
10	Nut M8 GOST5915		8
11	Washer 10 GOST6958		4
12	Washer 10 GOST11371		12
13	Screw 8x50 GOST11473		4
14	Site	19	1

Picture 9- Assemble and install tower with a platform height of 1.5 m from the ground (2.5-2.95 m beams)



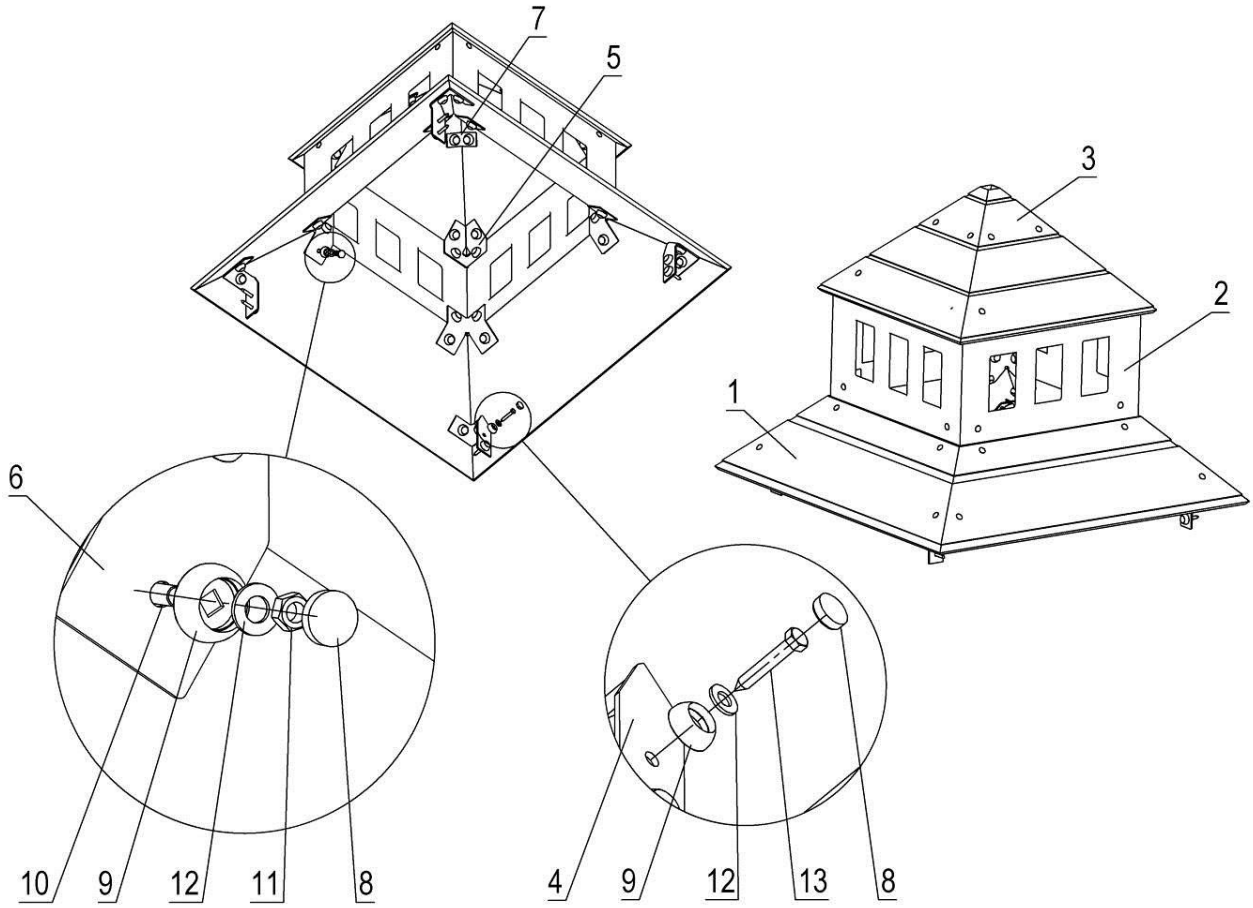
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	2
3	Beam 3.5m	11	2
4	Beam 3.5m	20	2
5	Cap M8		12
6	Cup M8		12
7	Bolt M8x120 GOST7802		4
8	Bolt M8x130 GOST7802		8
9	Nut M8 GOST5915		12
10	Washer 10 GOST6958		8
11	Washer 10 GOST11371		12

Picture 10 - Assemble and install the tower with two platforms from the ground - 0.7 and 2 m (3.5 m beam):



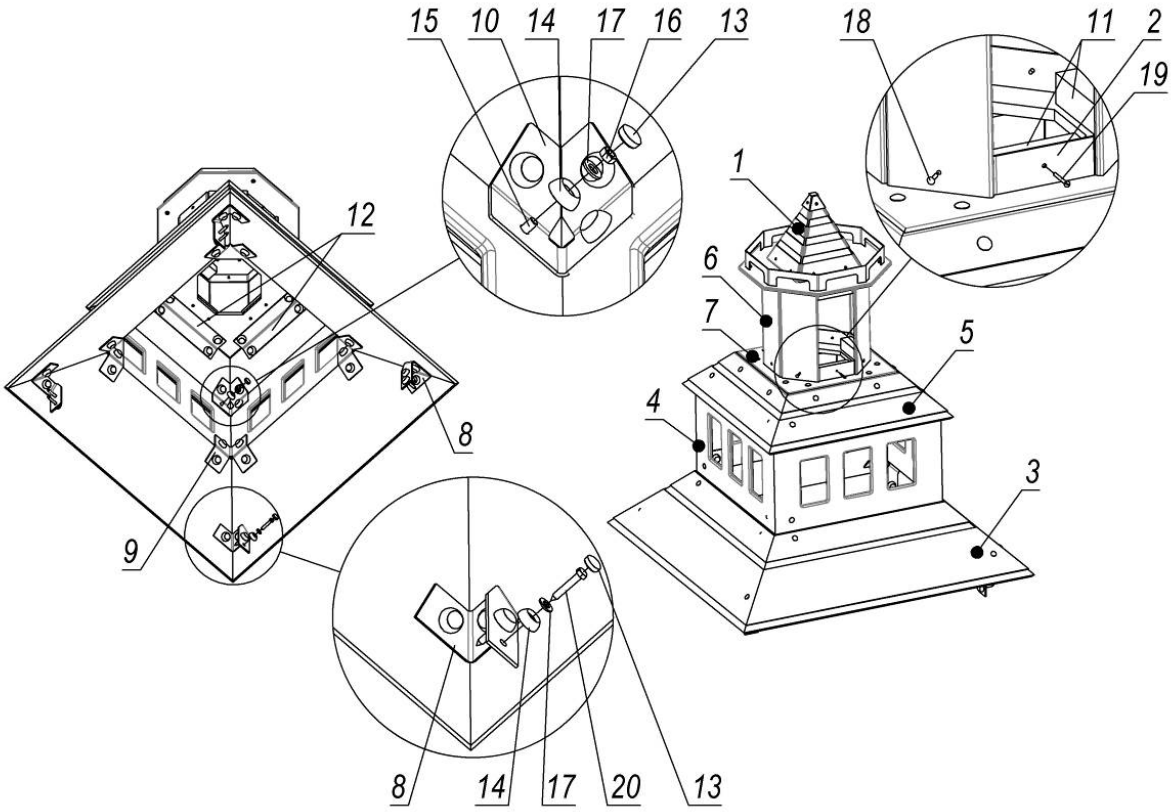
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site	19	1
3	Beam (3.5m)	20	4
4	Cap M8		8
5	Cup M8		8
6	Bolt M8x120 GOST7802		4
7	Bolt M8x130 GOST7802		4
8	Nut M8 GOST5915		8
9	Washer 10 GOST6958		4
10	Washer 10 GOST11371		8

Picture 11 -Зібрати та встоновити вежу 2м 1х1 (без ковпаків) згідно з рисунком

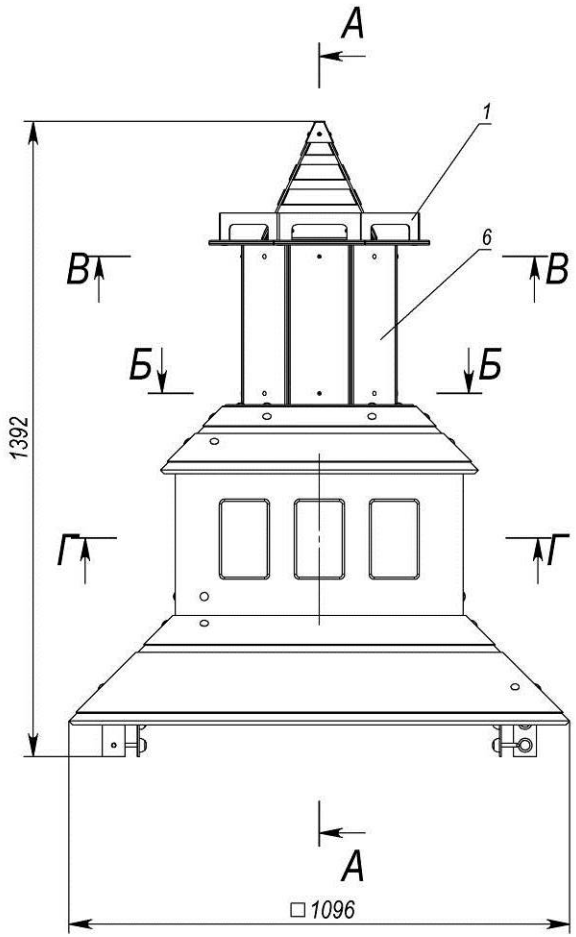


Pos.	Name	Weight, kg	Q-ty
1	Slope	3	4
2	Window	2	4
3	Small slope	2	4
4	Support plate		4
5	Bent plate		4
6	Bent plate		4
7	Plate		4
8	Cap M8		56
9	Cup M8		56
10	Bolt M8x30 GOST7802		48
11	Nut M8 GOST5915		48
12	Washer 10 GOST11371		56
13	Screw 8x50 GOST11473		8

Picture 12- Fix a stepped roof on a tower with two platforms of 0.7-2 m and a 2 m tower



Pos.	Name	Weight, kg	Q-ty
1	Upper part of the roof	4	1
2	Rim		2
3	Slope	3	4
4	Window	2	4
5	Small slope	1	4
6	Crossbar		8
7	Middle lap	1	1
8	Support plate		4
9	Bent plate		4
10	Bent plate		4
11	Bar		6
12	Angle bar (135 degrees)		4
13	Cap M8		64
14	Cup M8		64
15	Bolt M8x30 GOST7802		56
16	Nut M8 GOST5915		56
17	Washer 10 GOST11371		64
18	Rivet 4.8x20 DIN7337		10
19	Screw 4x40 GOST1145		16
20	Screw 8x50 GOST11473		8


А
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Б
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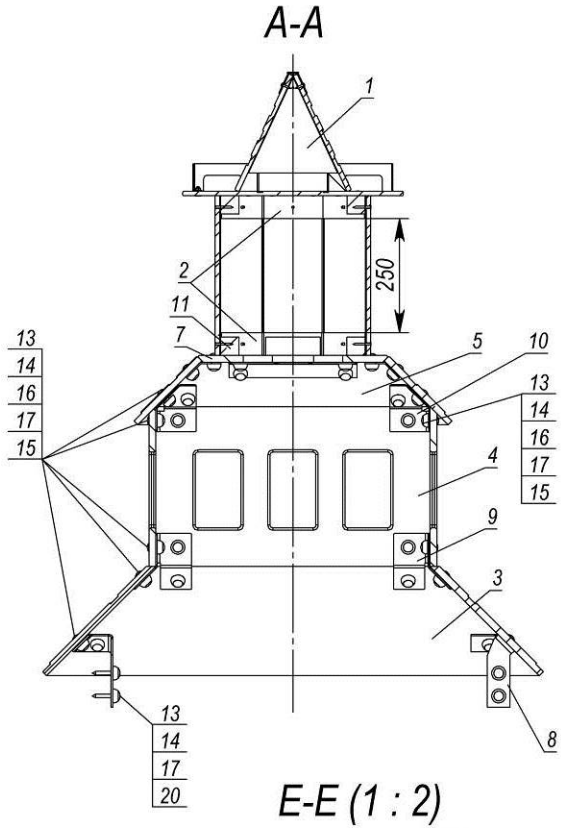
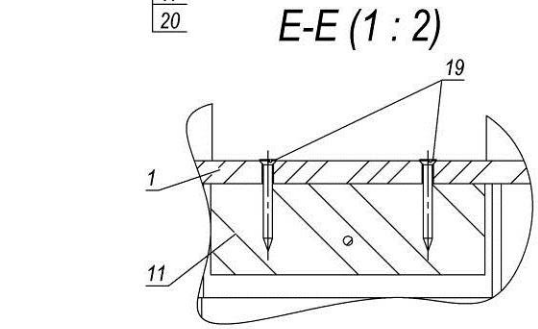
1392
А
□1096


А-А
1
2
11
7
250
13
14
16
17
15
5
10
13
14
16
17
15
4
9
3
13
14
17
20
8


Е-Е (1 : 2)
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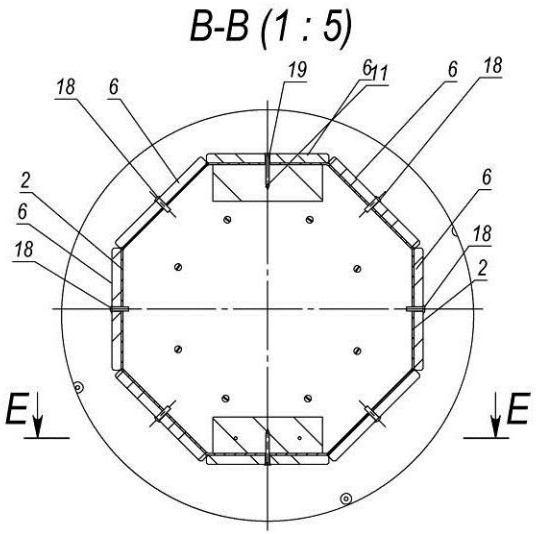
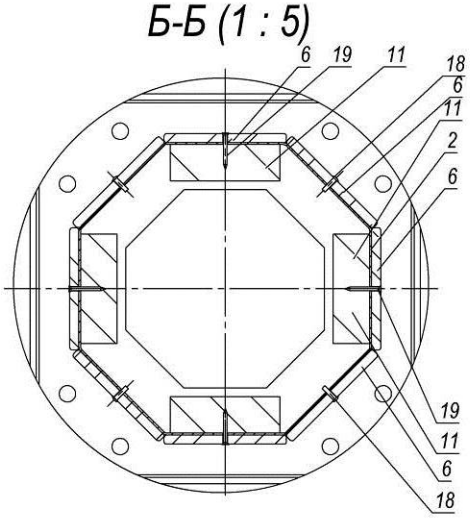
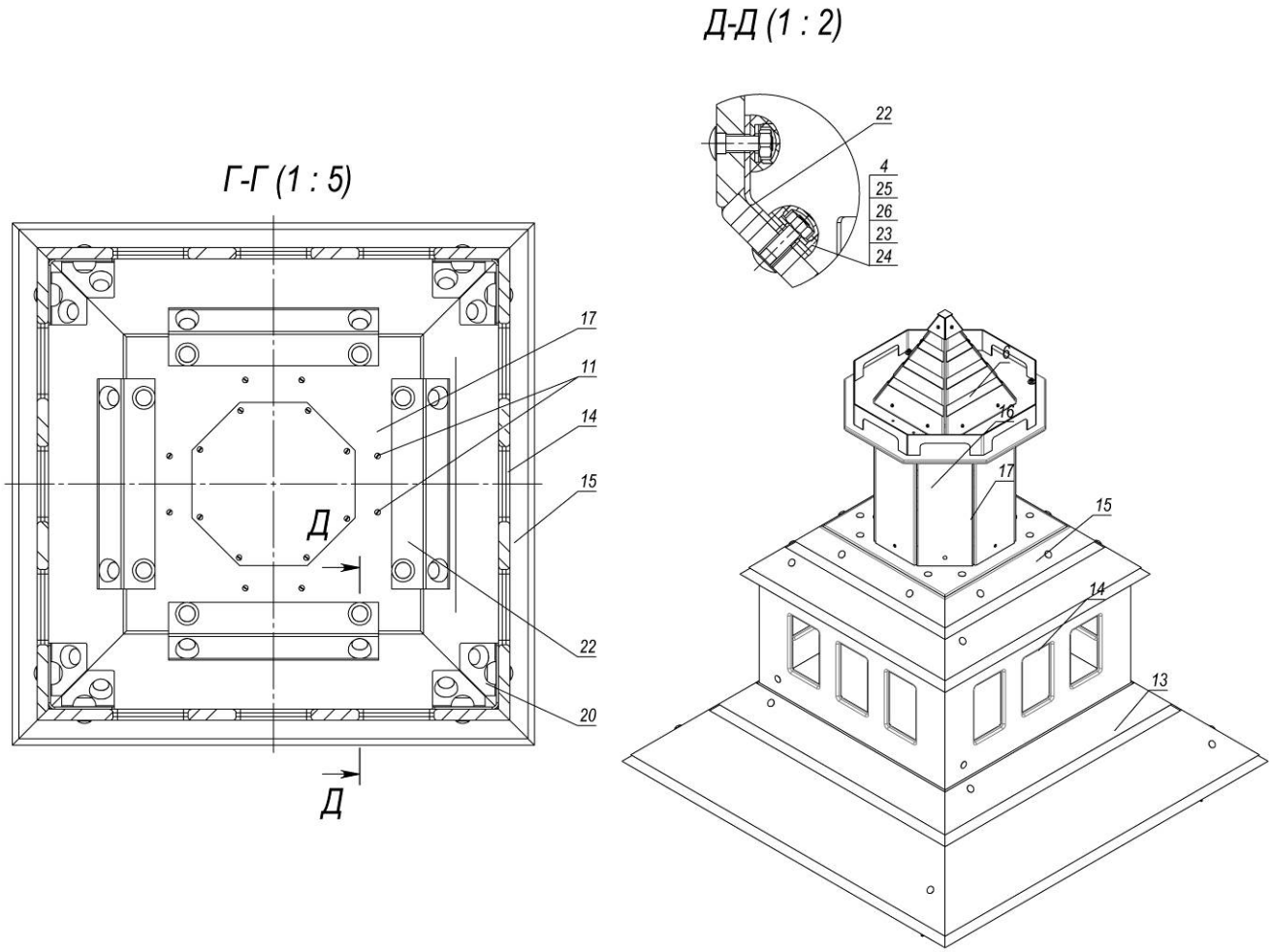
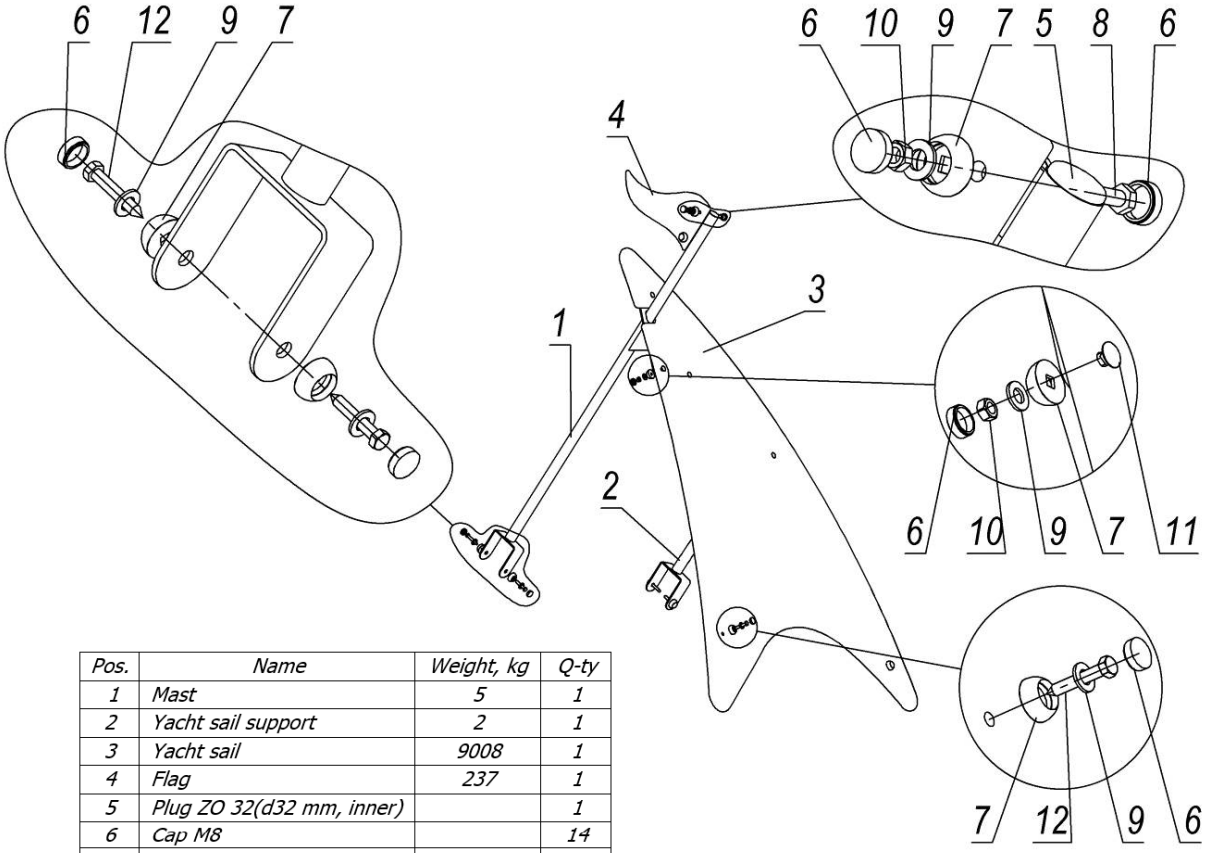
1
11


В-В (1 : 5)
18
6
19
6
11
6
18
2
6
18
6
18
2
Е
Е


Б-Б (1 : 5)
6
19
11
18
6
11
2
6
19
11
6
18

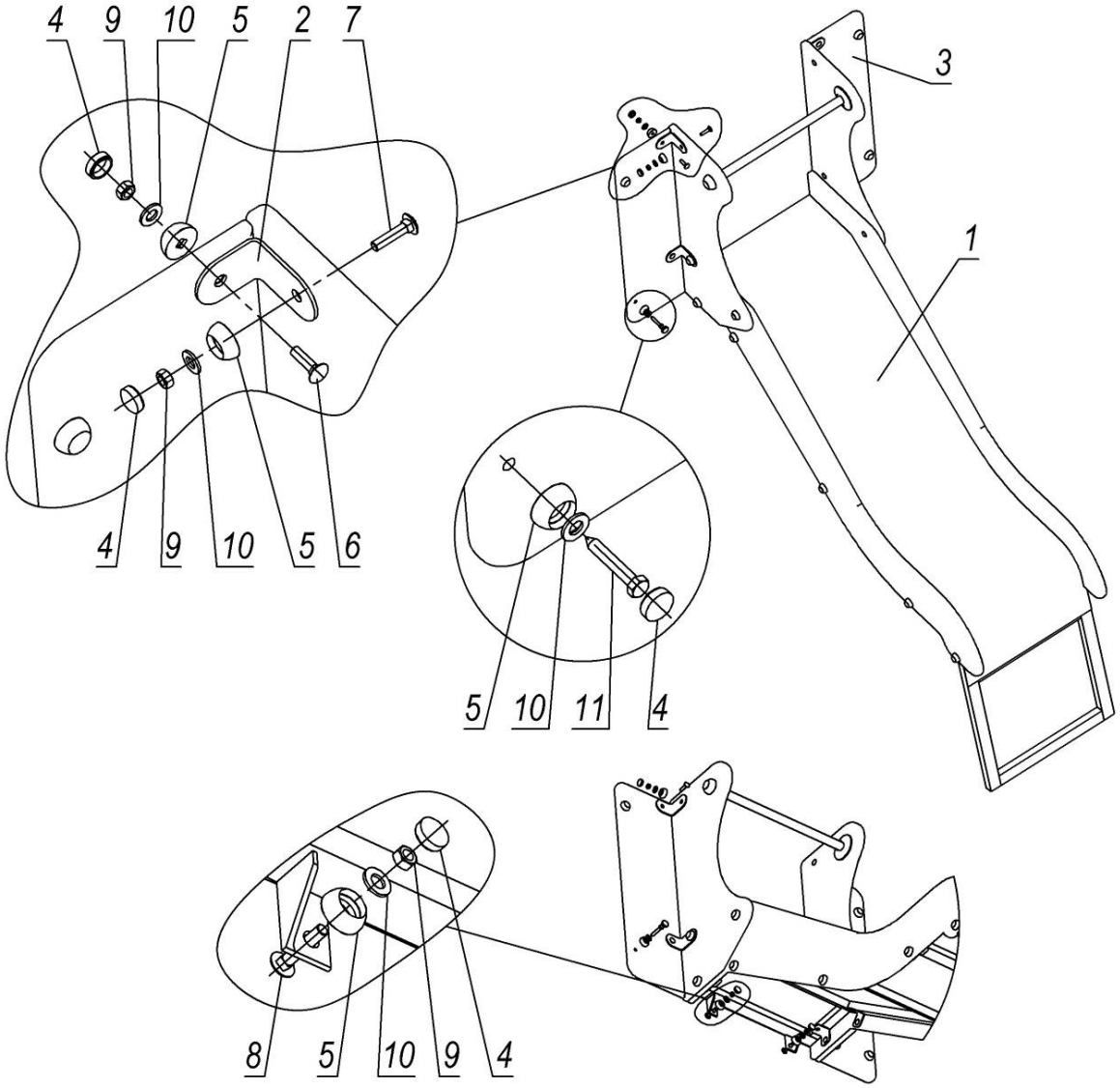


Picture 13- Fix the roof on a tower with two platforms of 0.7-2m and a 2m tower



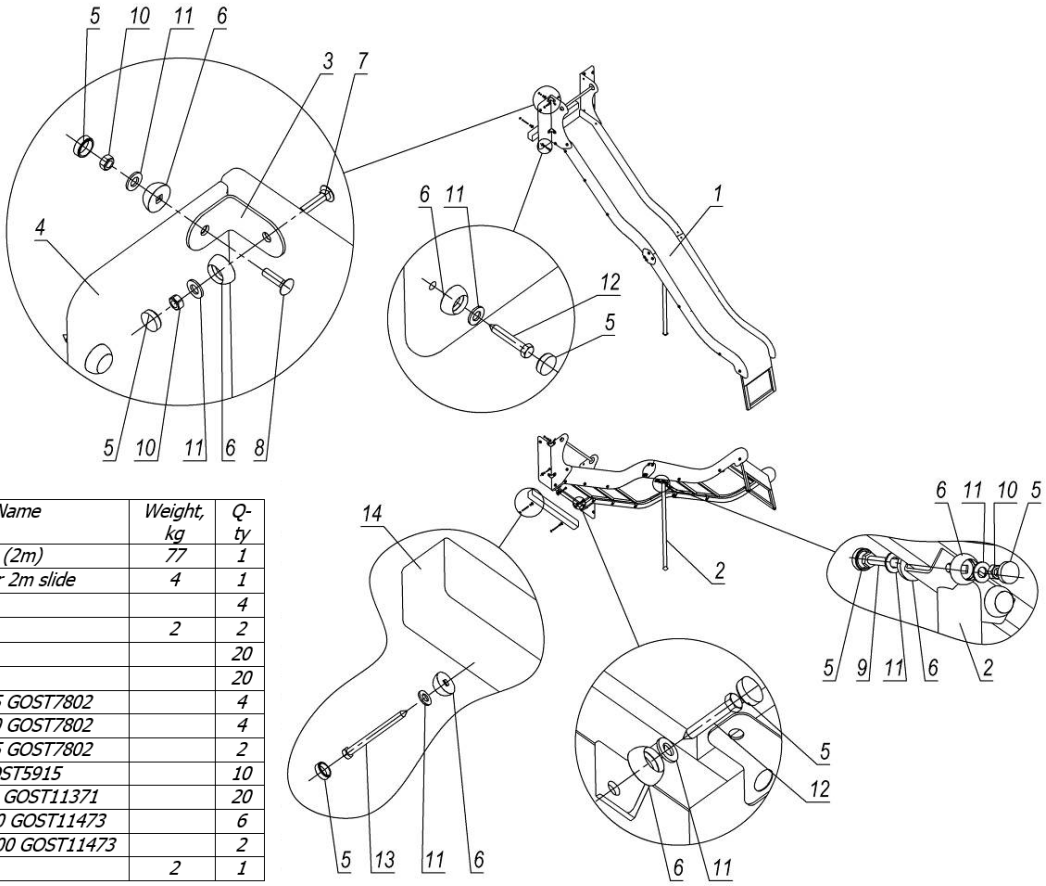
Pos.	Name	Weight, kg	Q-ty
1	Mast	5	1
2	Yacht sail support	2	1
3	Yacht sail	9008	1
4	Flag	237	1
5	Plug ZO 32(d32 mm, inner)		1
6	Cap M8		14
7	Cup M8		14
8	Bolt M8x30 GOST7798		2
9	Washer 10 GOST11371		14
10	Nut M8 GOST5915		6
11	Bolt M8x30 GOST7802		4
12	Screw 8x50 GOST11473		6

Picture 14 - Fix the "Sail of the Yacht" roof on the tower (1.5 m Yacht):



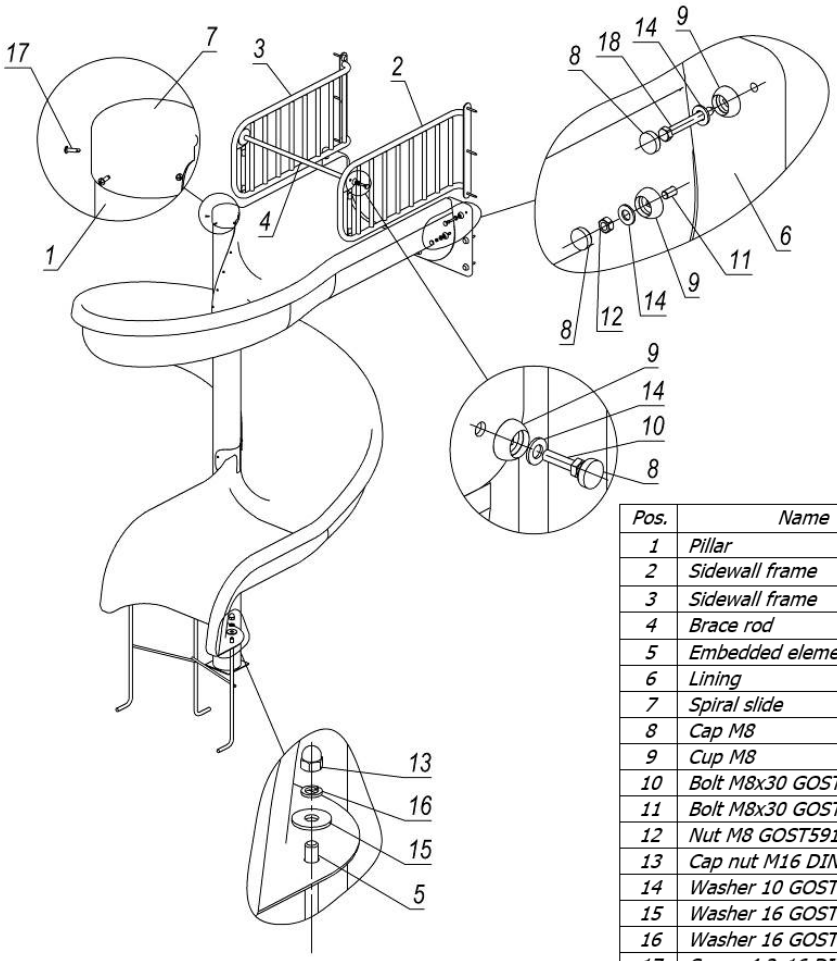
Pos.	Name	Weight, kg	Q-ty
1	Slide 700 mm	38	1
2	Angle bar		4
3	Fence	2	2
4	Cap M8		14
5	Cup M8		14
6	Bolt M8x30 GOST7802		4
7	Bolt M8x35 GOST7802		4
8	Bolt M8x40 GOST7802		2
9	Nut M8 GOST5915		10
10	Washer 10 GOST11371		14
11	Screw 8x50 GOST11473		4

Picture 15- Install a 700 mm slide to the tower with two platforms 0.7-2 m (3.5 m beam) from the ground:



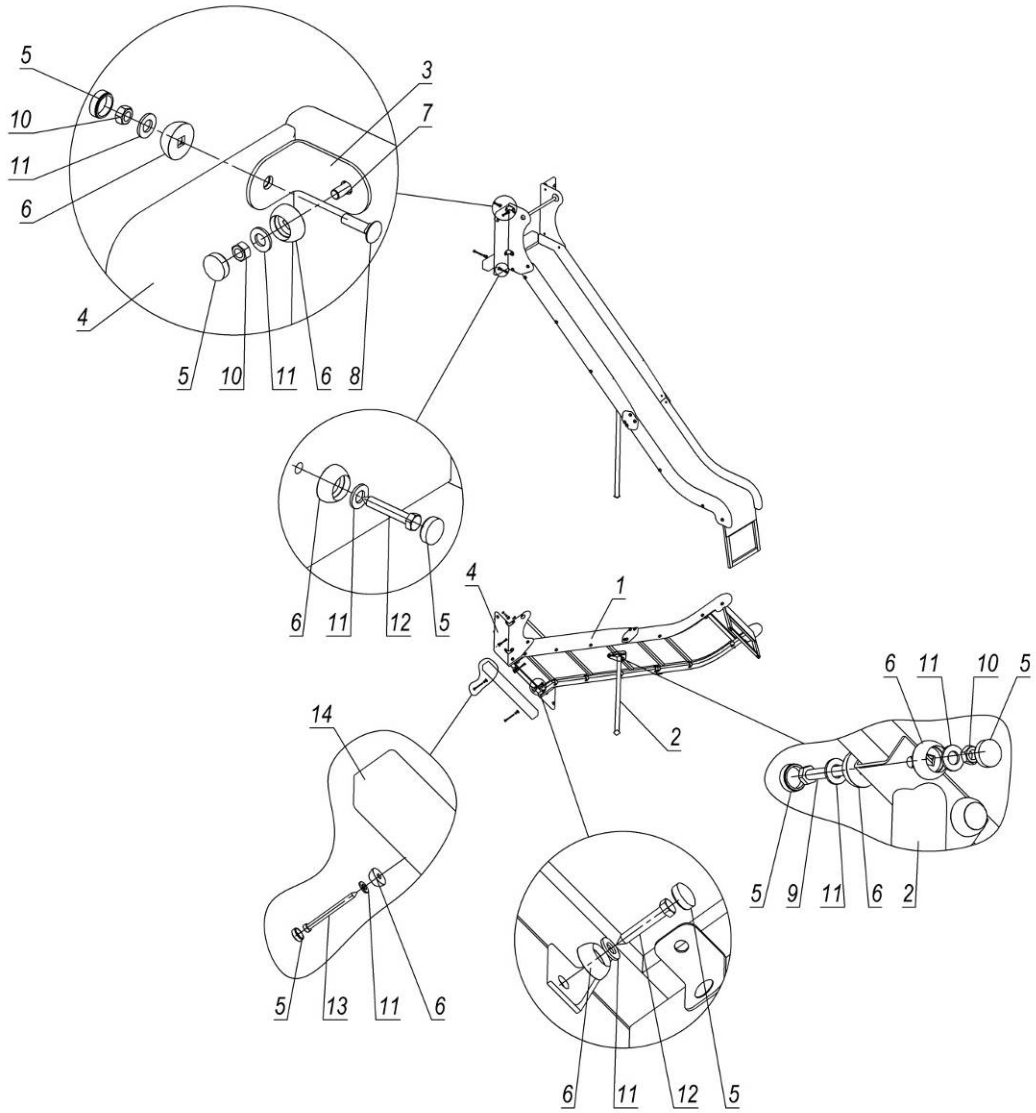
Pos.	Name	Weight, kg	Q-ty
1	Wavy slide (2m)	77	1
2	Support for 2m slide	4	1
3	Angle bar		4
4	Fence	2	2
5	Cap M8		20
6	Cup M8		20
7	Bolt M8x35 GOST7802		4
8	Bolt M8x30 GOST7802		4
9	Bolt M8x65 GOST7802		2
10	Nut M8 GOST5915		10
11	Washer 10 GOST11371		20
12	Screw 8x50 GOST11473		6
13	Screw 8x100 GOST11473		2
14	Beam	2	1

Picture 16 - Install a 2 m slide to the tower with two platforms 0.7-2 m from the ground:



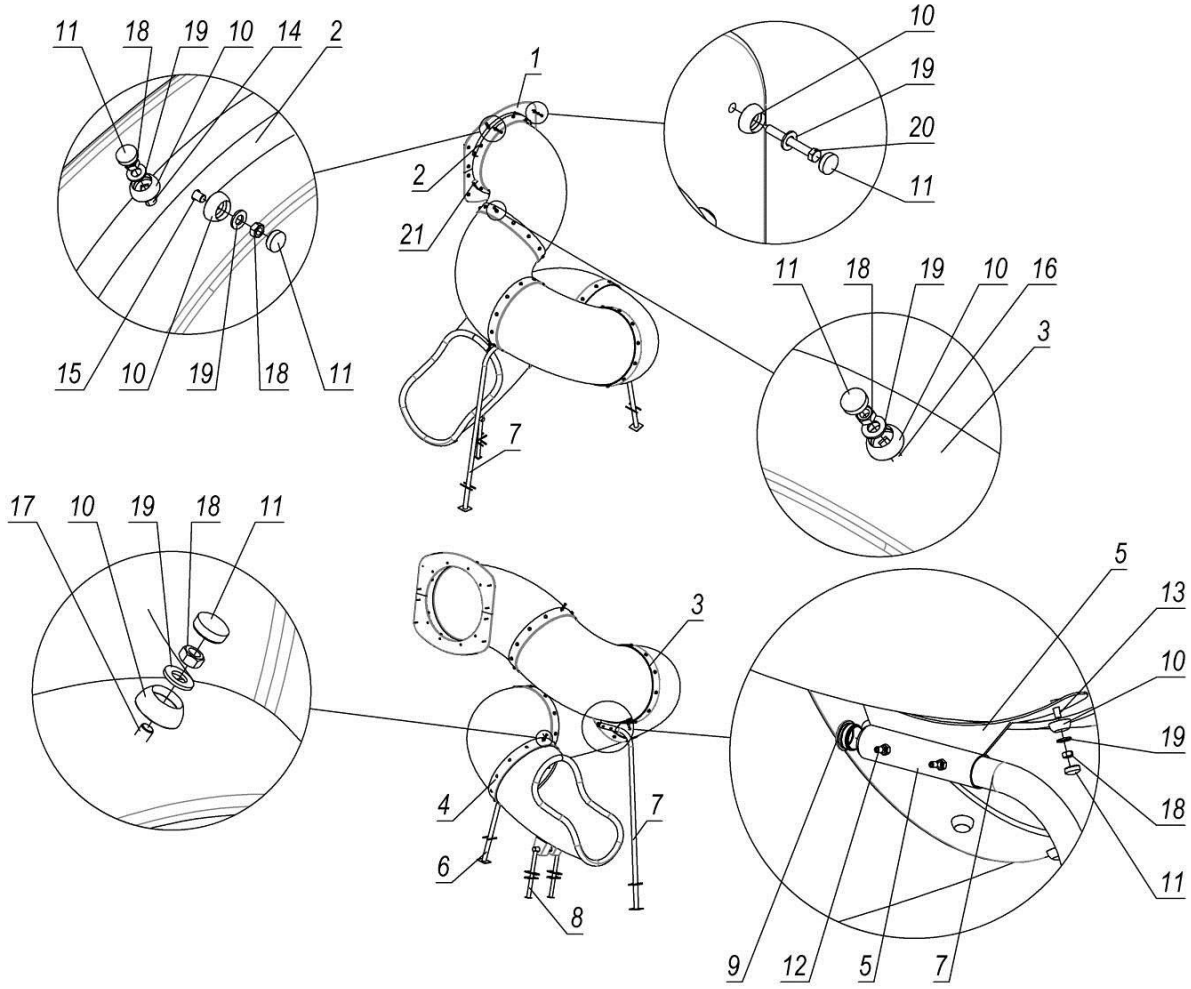
Pos.	Name	Weight, kg	Q-ty
1	Pillar	32	1
2	Sidewall frame	8	1
3	Sidewall frame	8	1
4	Brace rod	1	1
5	Embedded element	5	1
6	Lining	2	1
7	Spiral slide	28	1
8	Cap M8		20
9	Cup M8		20
10	Bolt M8x30 GOST7798		2
11	Bolt M8x30 GOST7802		6
12	Nut M8 GOST5915		6
13	Cap nut M16 DIN1587		3
14	Washer 10 GOST11371		20
15	Washer 16 GOST6958		3
16	Washer 16 GOST6402		3
17	Screw 4.2x16 DIN 7504N	2	19
18	Screw 8x70 GOST11473		12

Picture 17 - Place a spiral descent to one of the towers (platform height -1.5 m)



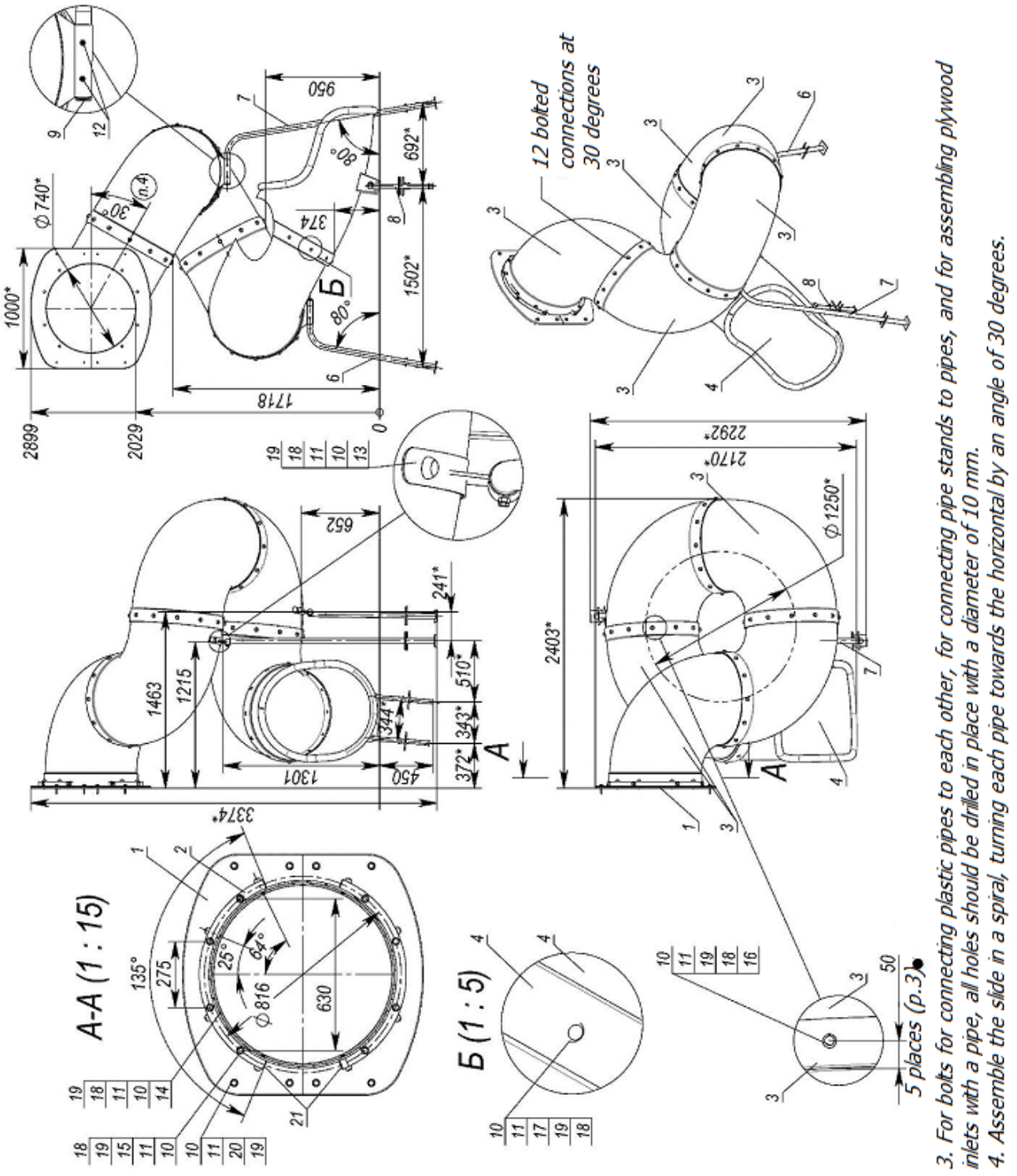
Pos.	Name	Weight, kg	Q-ty
1	Straight slide (2m)	73	1
2	Support for 2m slide	4	1
3	Angle bar		4
4	Fence	2	2
5	Cap M8		20
6	Cup M8		20
7	Bolt M8x35 GOST7802		4
8	Bolt M8x30 GOST7802		4
9	Bolt M8x65 GOST7798		2
10	Nut M8 GOST5915		10
11	Washer 10 GOST11371		20
12	Screw 8x50 GOST11473		6
13	Screw 8x100 GOST11473		2
14	Beam	2	1

Picture 18 - For a tower with two platforms with a platform height of 0.7-2m from the ground / surface install a 2m slide

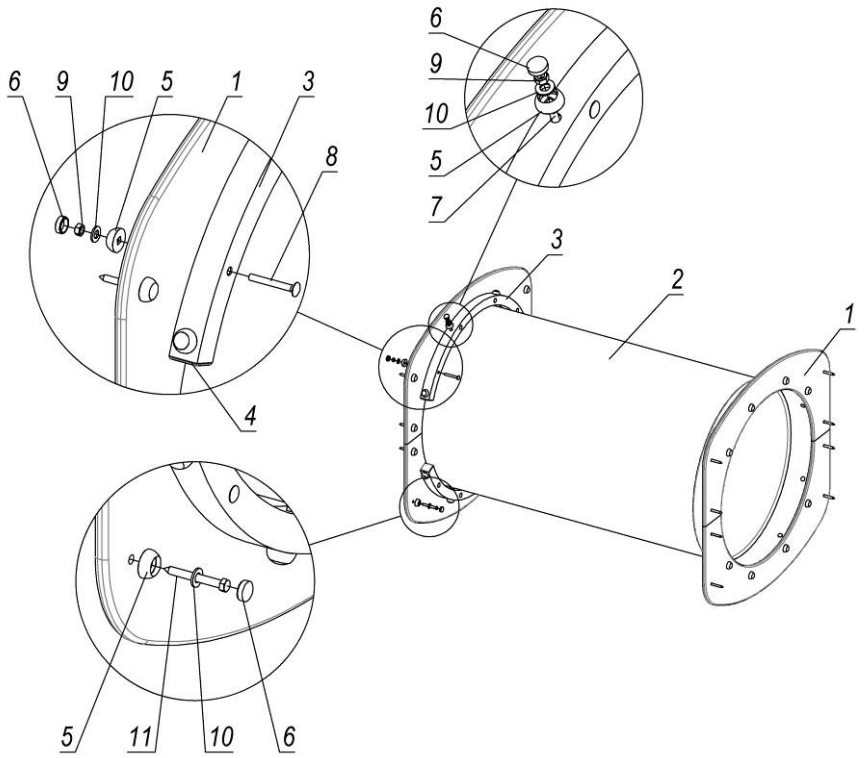


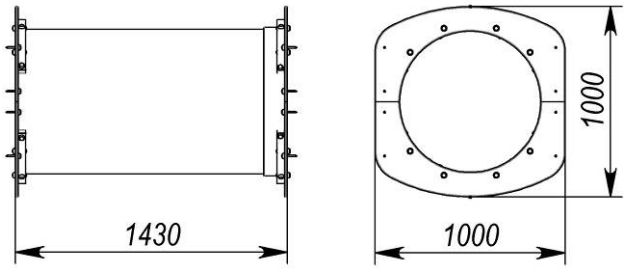
Pos.	Name	Weight, kg	Q-ty
1	Entrance	3	2
2	Bent tube	2	2
3	Tube turning 760	23	5
4	Tube whistle 760	49	1
5	Support	1	2
6	Small rack (for slide)	4	1
7	Rack (for slide)	6	1
8	Support	2	2
9	Plug 1/4 (in DN32)		2
10	Cup M8		118
11	Cap M8		118

Pos.	Name	Weight, kg	Q-ty
12	Stud M8x10 GOST11074		4
13	Bolt M8x25 GOST7802		4
14	Bolt M8x60 GOST7802		8
15	Bolt M8x65 GOST7802		8
16	Bolt M8x30 GOST7802		72
17	Bolt M8x45 GOST7802		18
18	Nut M8 GOST5915		110
19	Washer 10 GOST11371		118
20	Screw 8x70 GOST11473		8
21	Plug 40x40		4

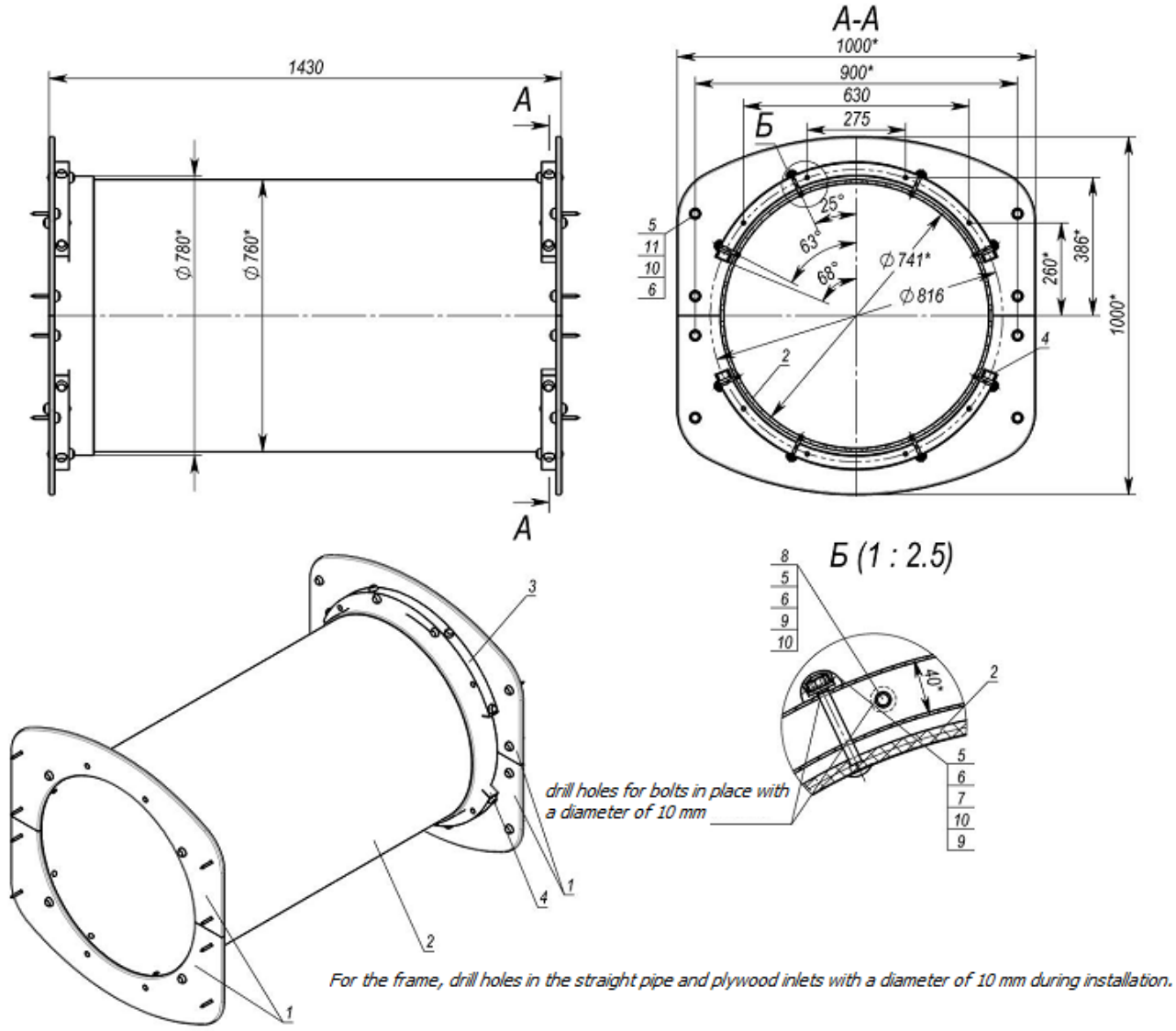


Picture 19 - To the tower (2m 1x1) we install a 2m Ukrkhimplast slide

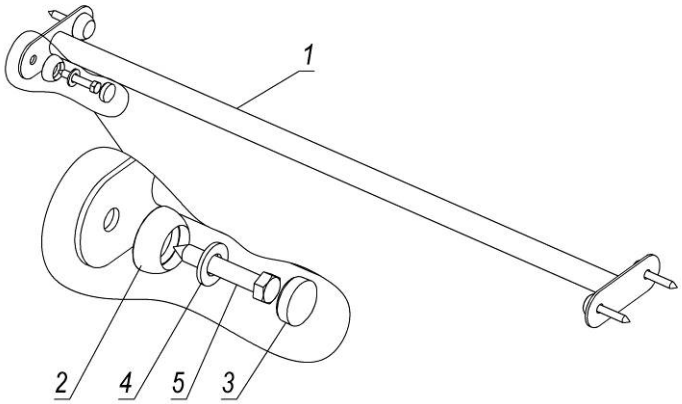




Pos.	Name	Weight, kg	Q-ty
1	Entrance	3	4
2	Straight tube 760	30	1
3	Bent tube	2	4
4	Plug 40x40		8
5	Cup M8		48
6	Cap M8		48
7	Bolt M8x60 GOST7802		16
8	Bolt M8x65 GOST7802		16
9	Nut M8 GOST5915		32
10	Washer 10 GOST11371		48
11	Screw 8x70 GOST11473		16

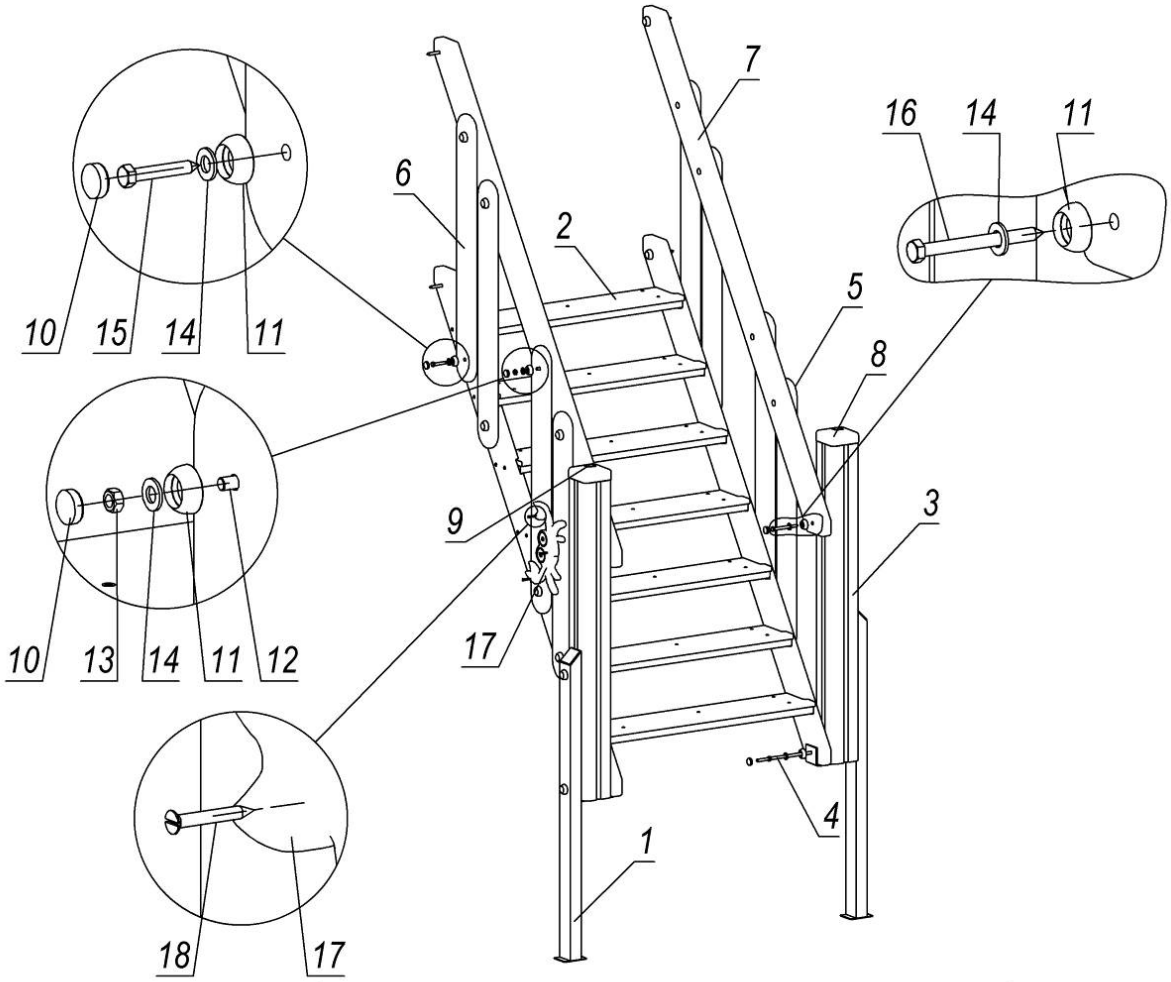


Picture 20- Place tunnel crossings between the 1.5m towers (2.5-2.95m beams) and the tower (1.5m)



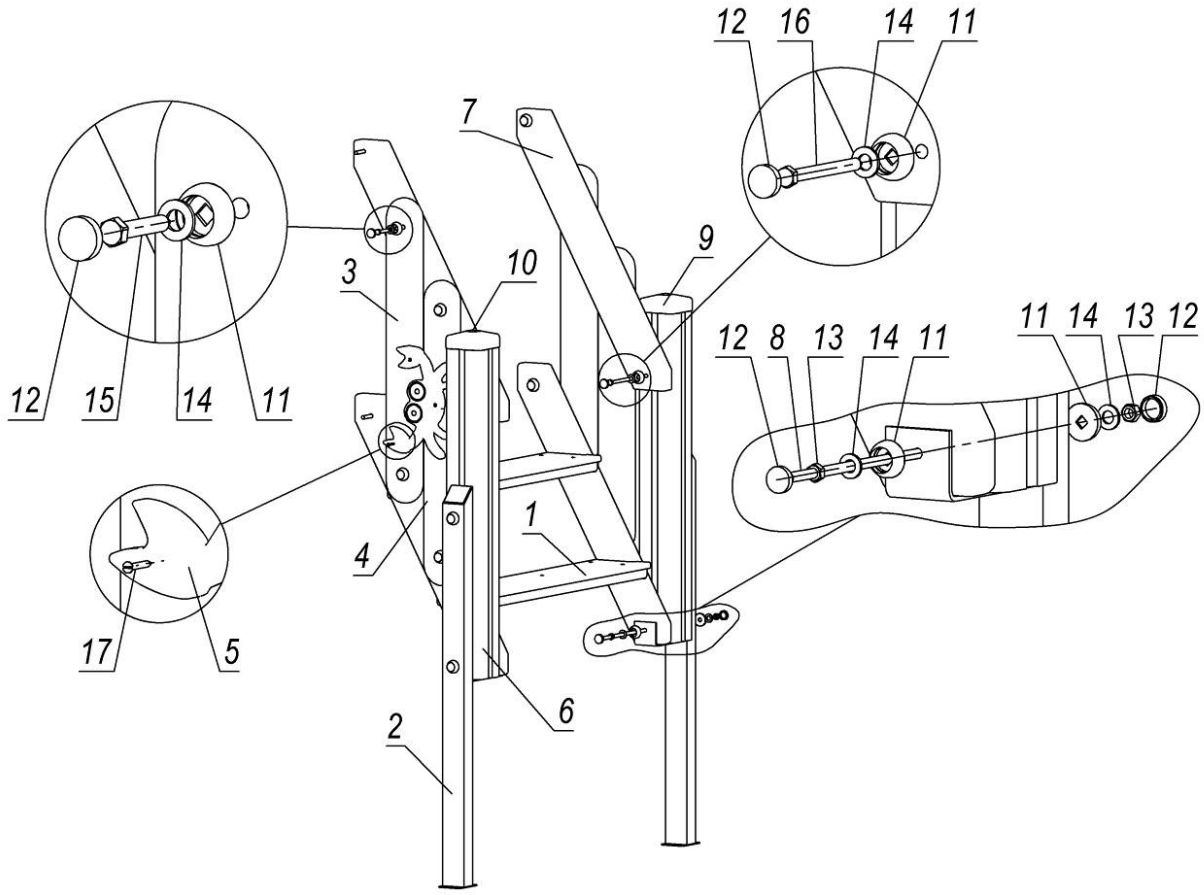
Pos.	Name	Weight, kg	Q-ty
1	Brace rod 0.8 m	1	1
2	Cup M8		4
3	Cap M8		4
4	Washer 10 GOST11371		4
5	Screw 8x50 GOST11473		4

Picture 21- Place metal brace rods on the towers of the complex (according to the appendix)



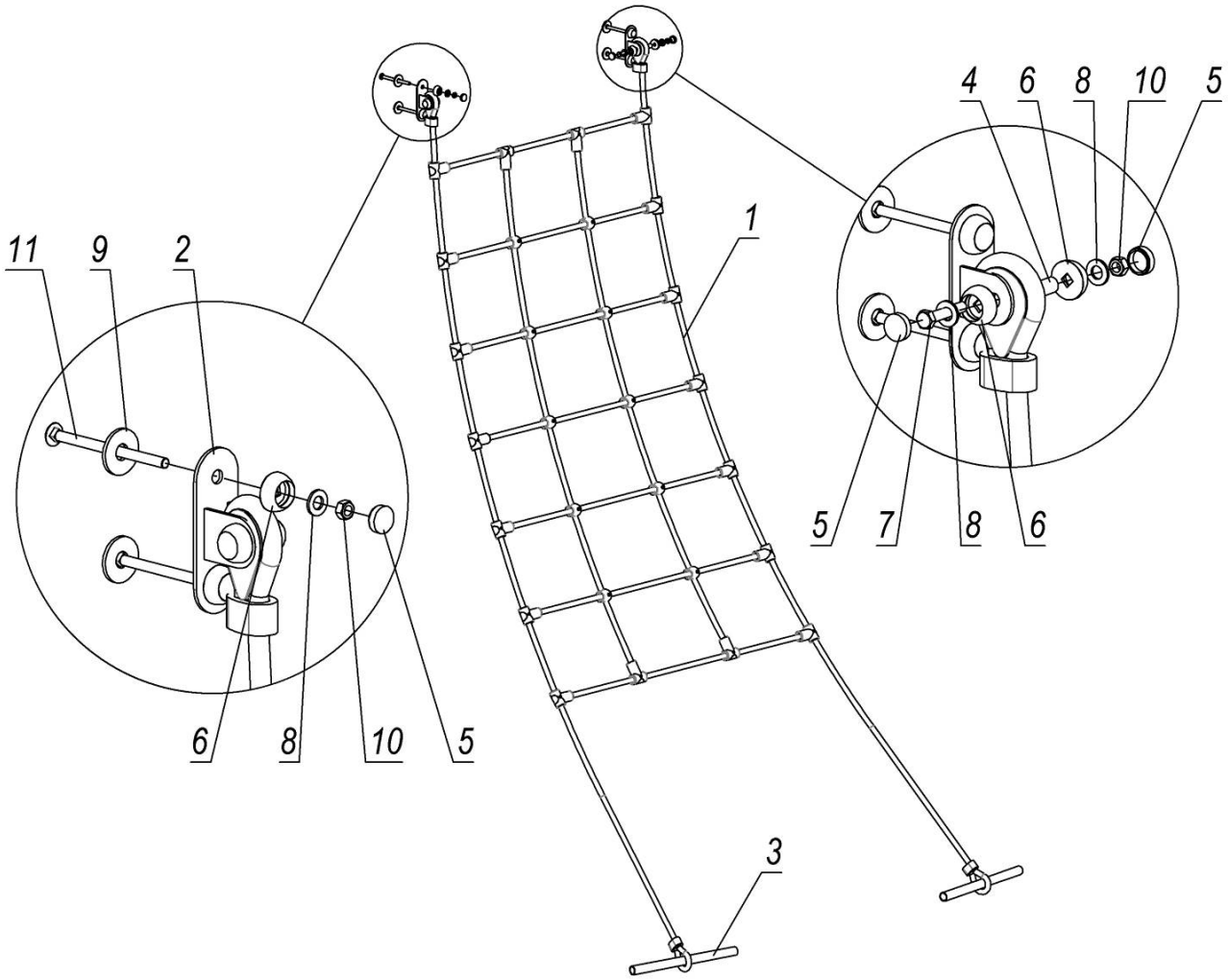
Pos.	Name	Weight, kg	Q-ty
1	Rack	4	2
2	Stairs	27	1
3	Support	6	2
4	Sprig L=210 mm		2
5	Cover plate		4
6	Cover plate		4
7	Handrail	4	2
8	Cap		2
9	Cap		2
10	Cap M8		28
11	Cup M8		28
12	Bolt M8x65 GOST7802		8
13	Nut M8 GOST5915		12
14	Washer 10 GOST11371		30
15	Screw 8x50 GOST11473		10
16	Screw 8x90 GOST11473		8
17	Cover place crab	230	2
18	Screw 4x30 GOST1145		6

Picture 22 - Attach a ladder to the tower (1.5 m) according to the appendix below



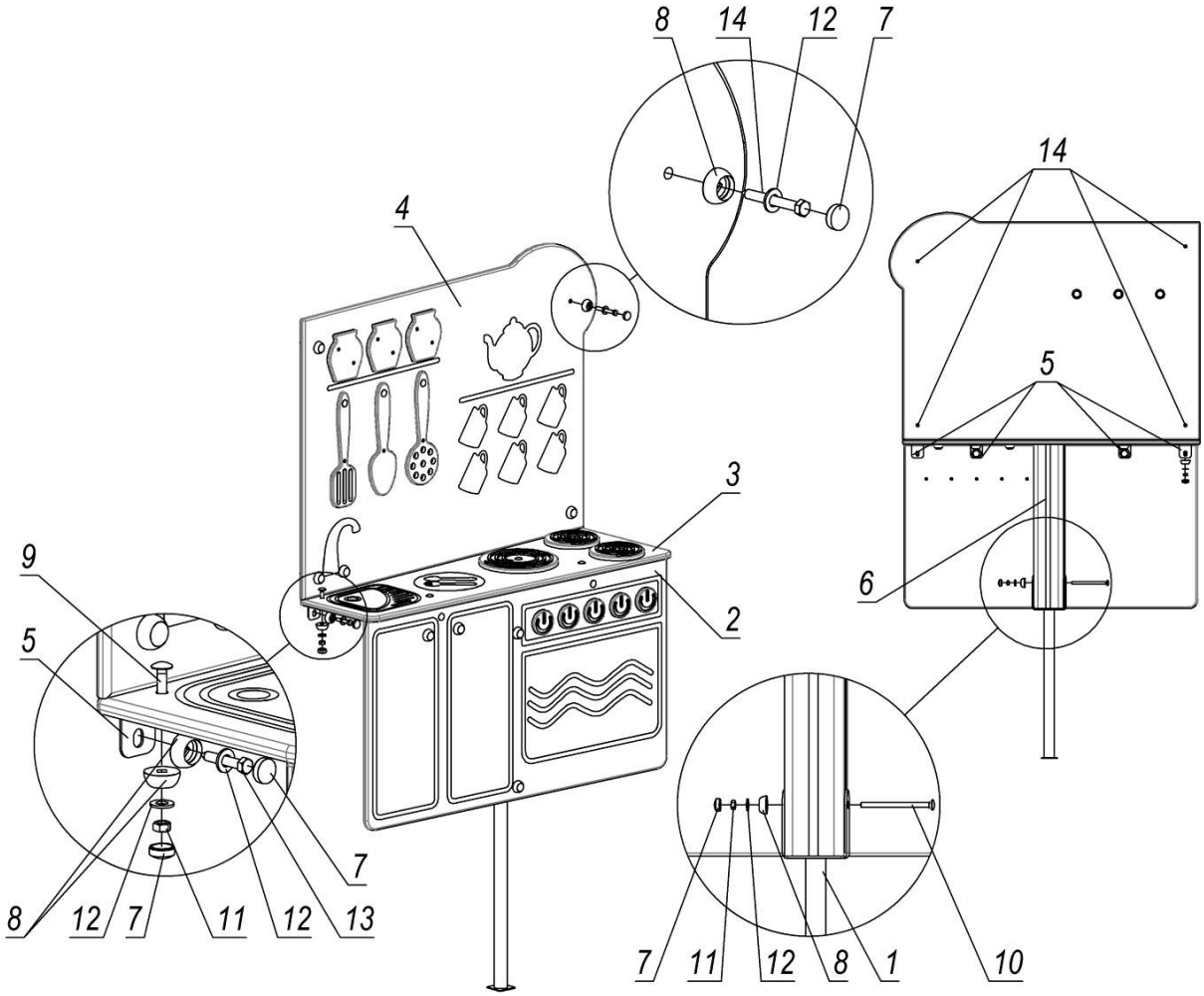
Pos.	Name	Weight, kg	Q-ty
1	Ladder 2 steps	9	1
2	Rack	4	2
3	Cover plate		2
4	Cover plate		2
5	Cover plate crab	230	2
6	Pillar	3	2
7	Railings	2	2
8	Sprig L=210mm		2
9	Cap		2
10	Cap		2
11	Cup M8		20
12	Cap M8		20
13	Nut M8 GOST5915		4
14	Washer 10 GOST11371		22
15	Screw 8x50 GOST11473		10
16	Screw 8x90 GOST11473		8
17	Screw 4x30 GOST1145		6

Picture 23 - Attach a ladder to the tower with two platforms with a platform height of 0.7 and 2 m from the ground according to the appendix below



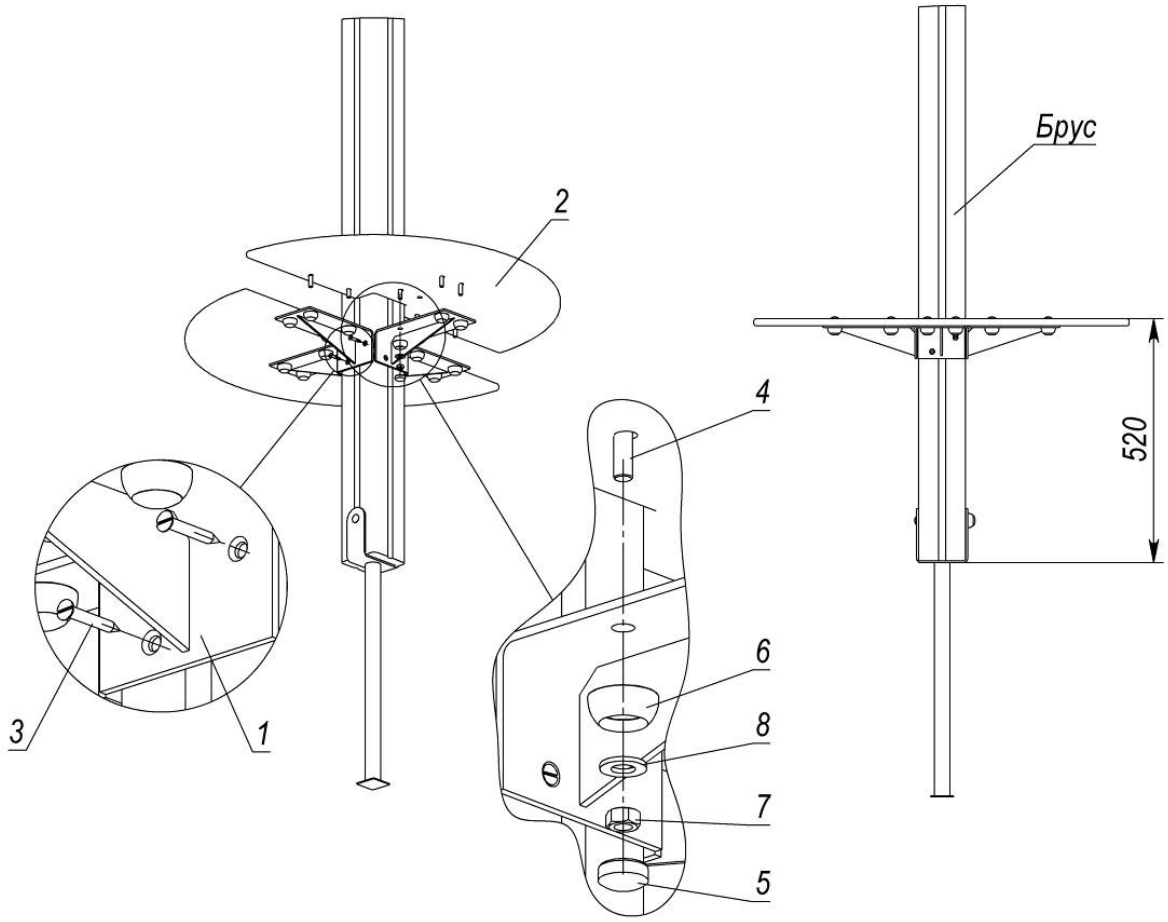
Pos.	Name	Weight, kg	Q-ty
1	Rope ladder	6	1
2	Rope bracket		2
3	Tube 27x2 L=390mm GOST10704		2
4	Tube		2
5	Cap M8		8
6	Cup M8		8
7	Bolt M8*45 GOST7798		2
8	Washer 10 GOST11371		8
9	Washer 12 GOST11371		4
10	Nut M8 GOST5915		6
11	Bolt M8x120 GOST7802		4

Picture 24 - Attach rope ladder to the tower (2m 1x1)



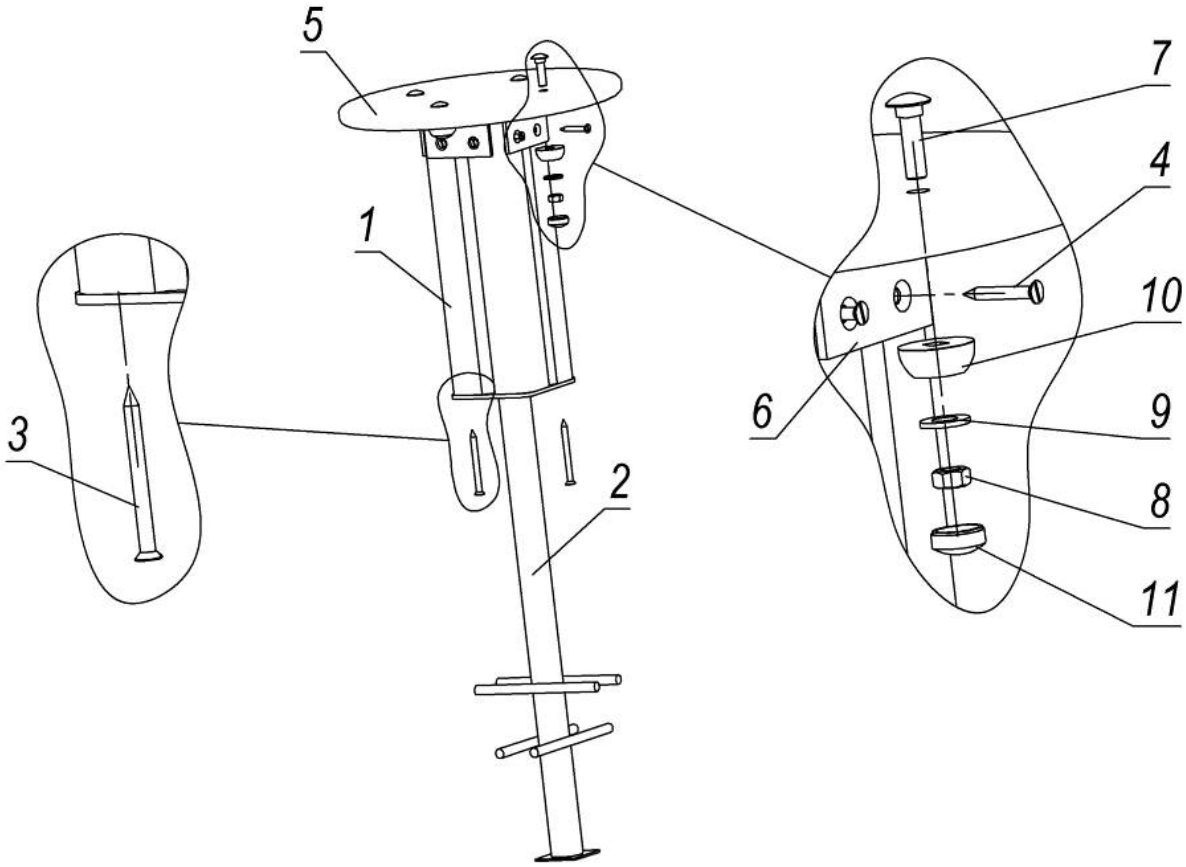
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	1
2	Kitchen stove	6	1
3	Table with burners	4	1
4	Kitchen cabinet assembly	9	1
5	Small angle bar		4
6	Pillar	3	1
7	Cap M8		15
8	Cup M8		15
9	Bolt M8x30 GOST7802		6
10	Bolt M8x120 GOST7802		1
11	Nut M8 GOST5915		7
12	Washer 10 GOST11371		15
13	Screw 8x50 GOST11473		2
14	Screw 8x70 GOST11473		6

Picture 25 - Attach the "Kitchen" panel to the 1.5 m tower (2.5-2.95 m beam)



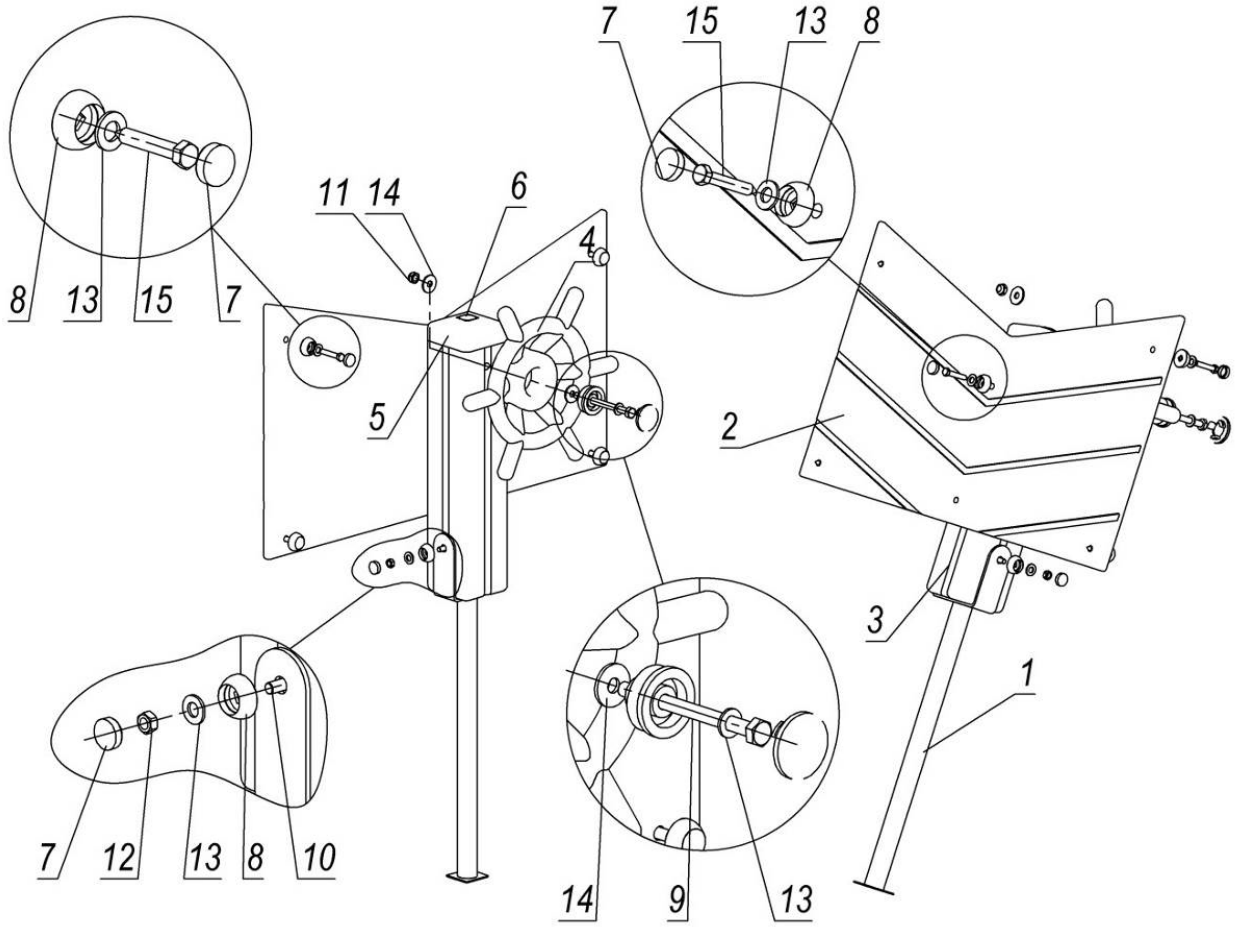
Pos.	Name	Weight, kg	Q-ty
1	Table frame		4
2	Table section	2	2
3	Screw 5x35 GOST1145		8
4	Bolt M8x30 GOST7802		16
5	Cap M8		16
6	Cup M8		16
7	Nut M8 GOST5915		16
8	Washer 10 GOST11371		16

Picture 26 – Attach the 'Round Table' to the 2m 1x1 tower and the 1.5m tower on one of the bars



Pos.	Name	Weight, kg	Q-ty
1	Beam MN°1, L=300mm	2	1
2	Support	2	1
3	Screw 6x70 GOST1145		2
4	Screw 5x35 GOST1145		8
5	Bench seat		1
6	Big angle bar		4
7	Bolt M8x30 GOST7802		4
8	Nut M8 GOST5915		4
9	Washer 10 GOST11371		4
10	Cup M8		4
11	Cap M8		4

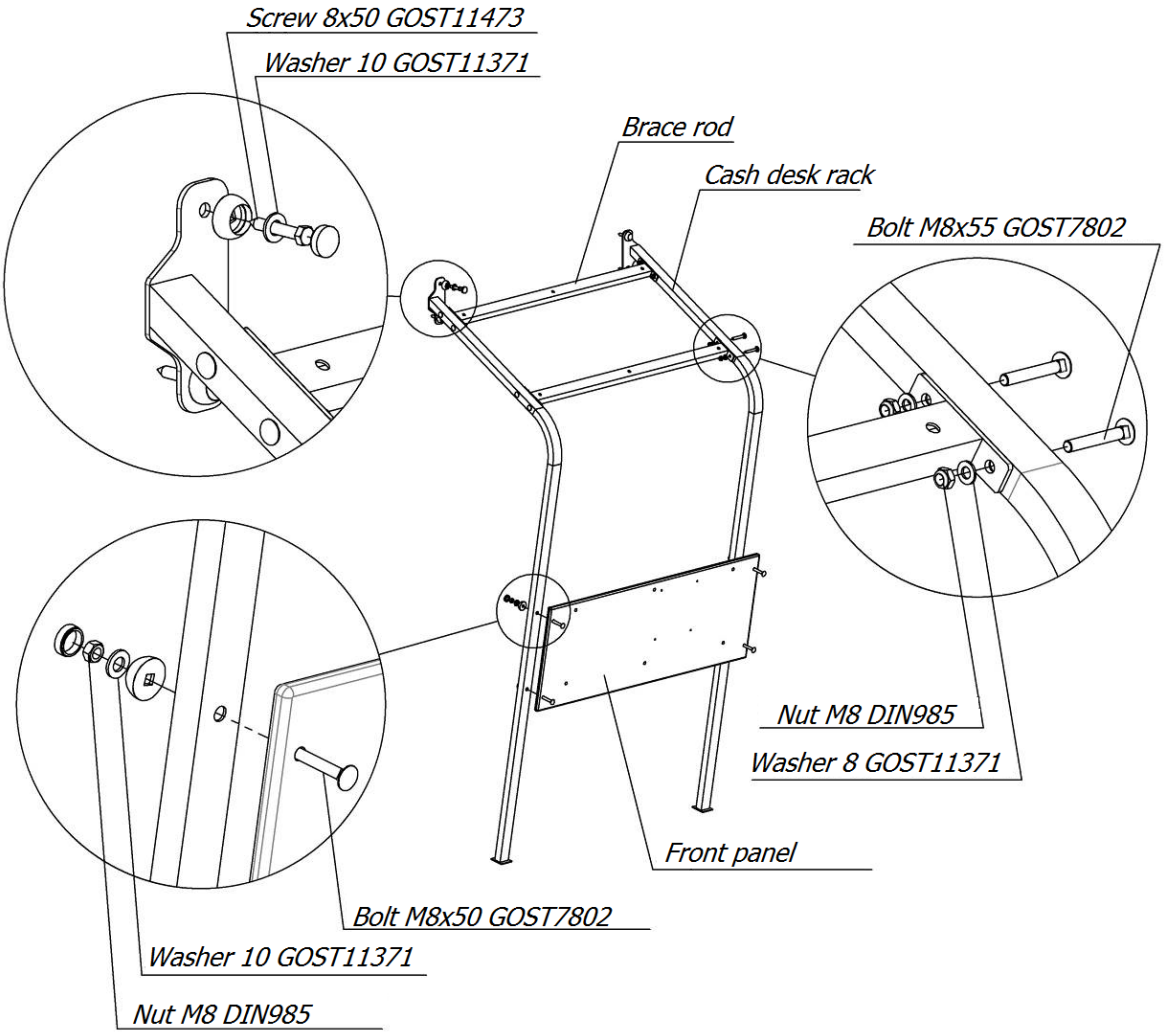
Picture 27 - Install "'Bench seat" around the round table



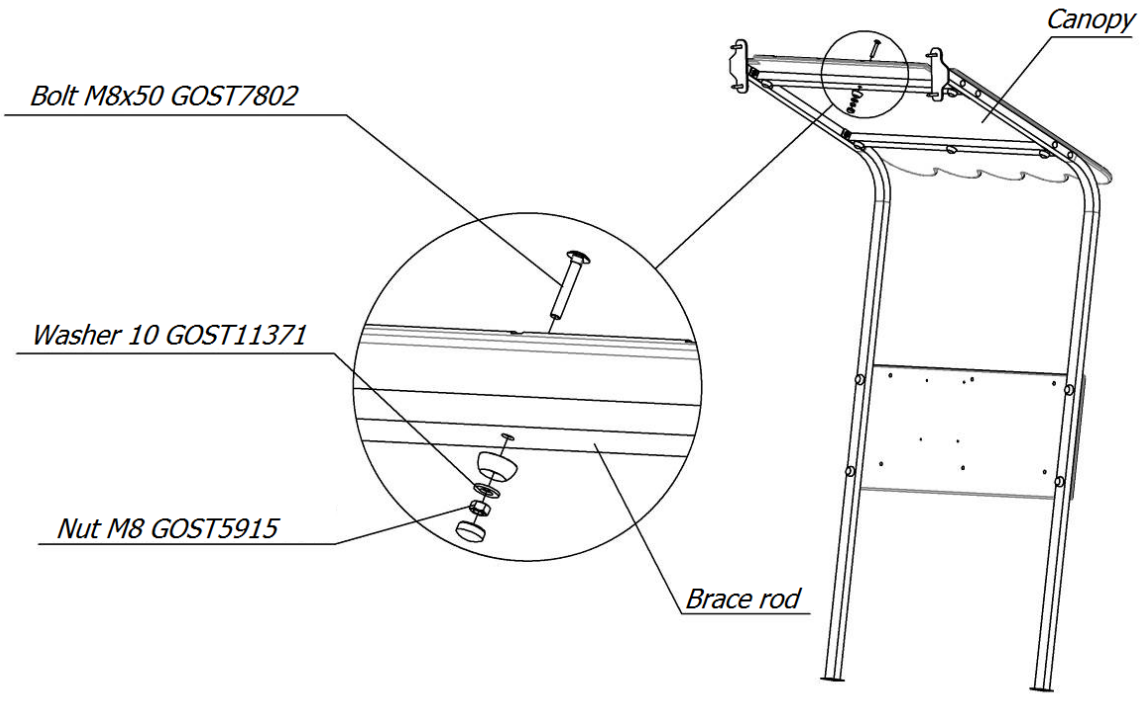
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	1
2	Cover plate bulwark	3	1
3	Beam	3	1
4	Small steering wheel d350mm		1
5	Cap		1
6	Cap		1
7	Cap M8		7
8	Cup M8		7
9	Bolt M10x130 GOST7798		1
10	Bolt M8x120 GOST7802		1
11	Self-locking nut M10 DIN985		1
12	Nut M8 GOST5915		1
13	Washer 10 GOST11371		9
14	Washer 10 GOST6958		2
15	Screw 8x50 GOST11473		7

Picture 28 - Attach the yacht's steering wheel to the 1.5 m tower (Yacht)

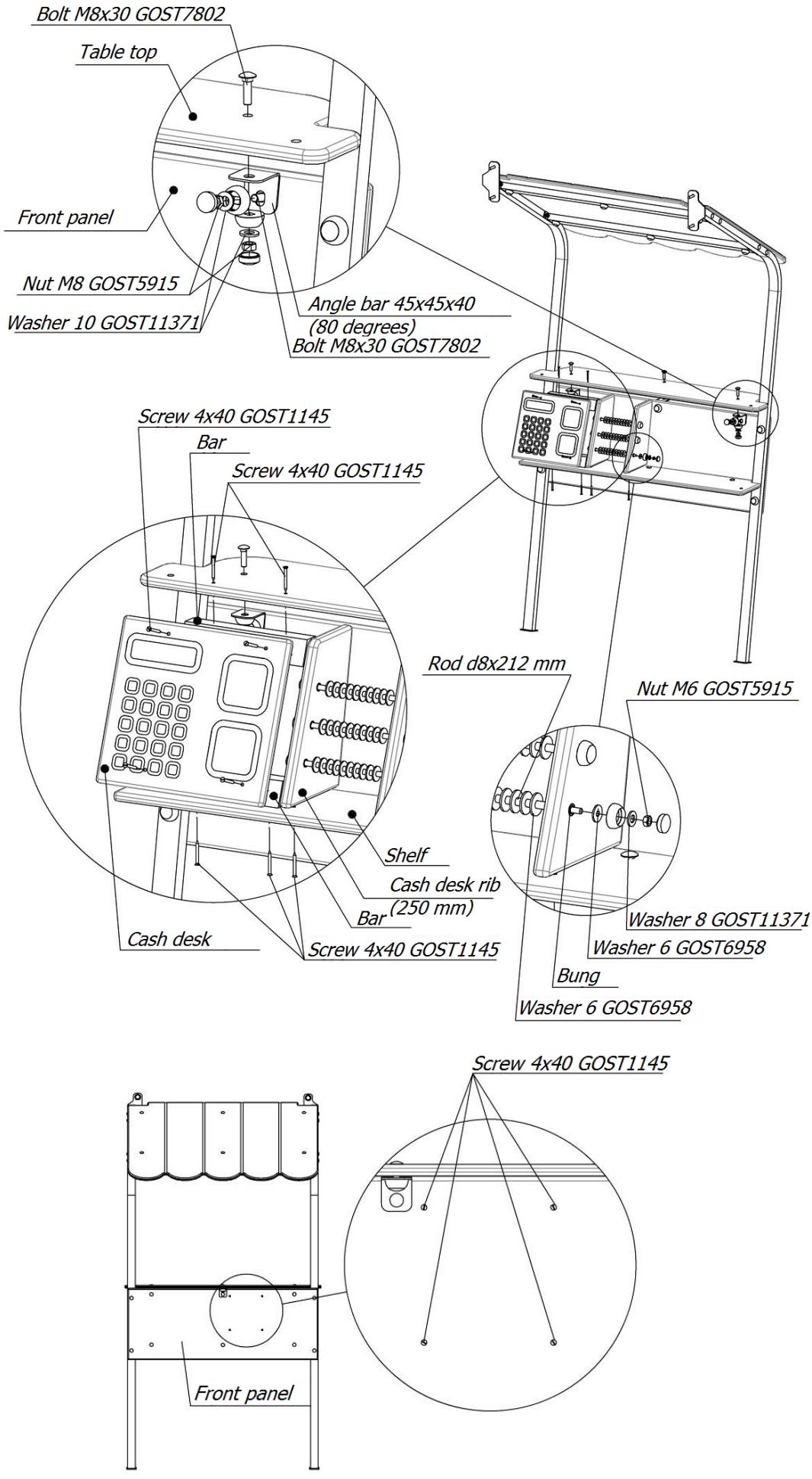
Procedure for assembling the 'Cash desk'



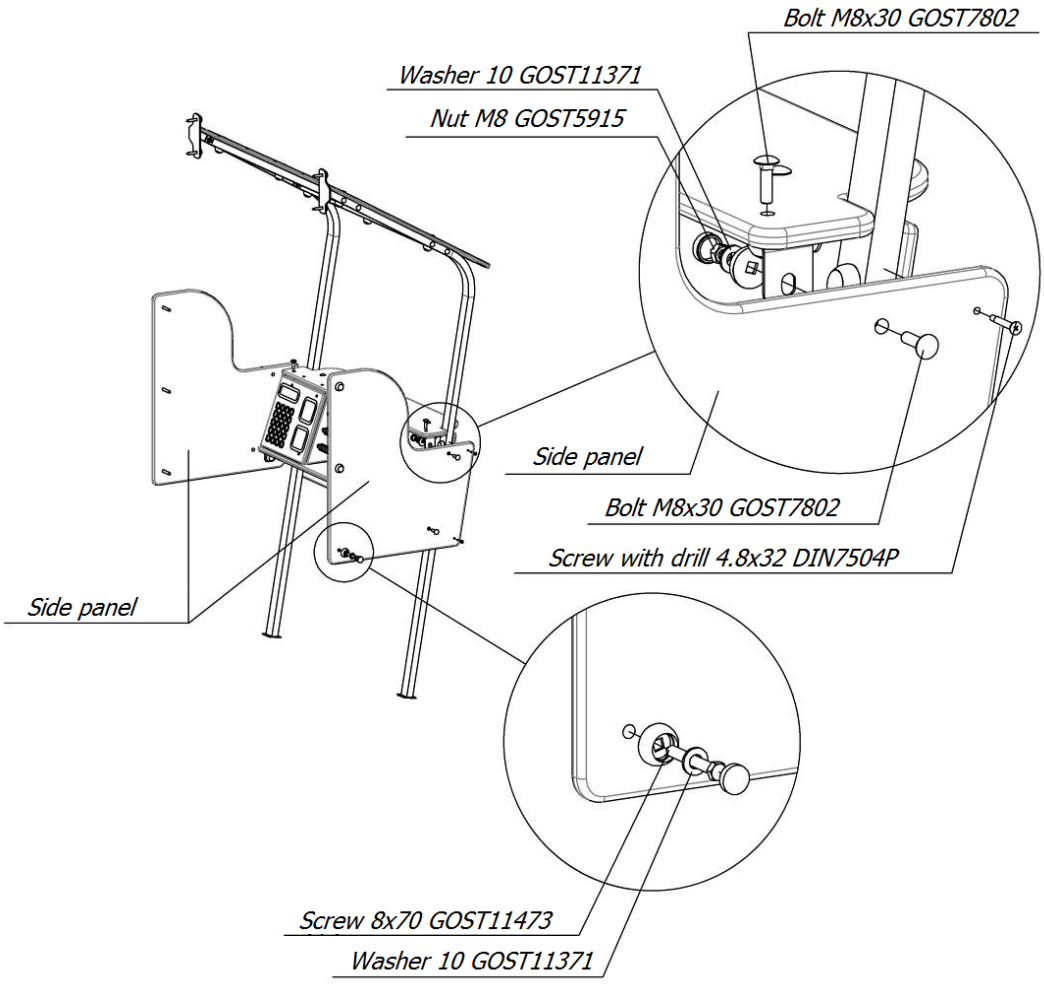
Picture 29 – Attach the front panel and brace rod to the cash desk rack



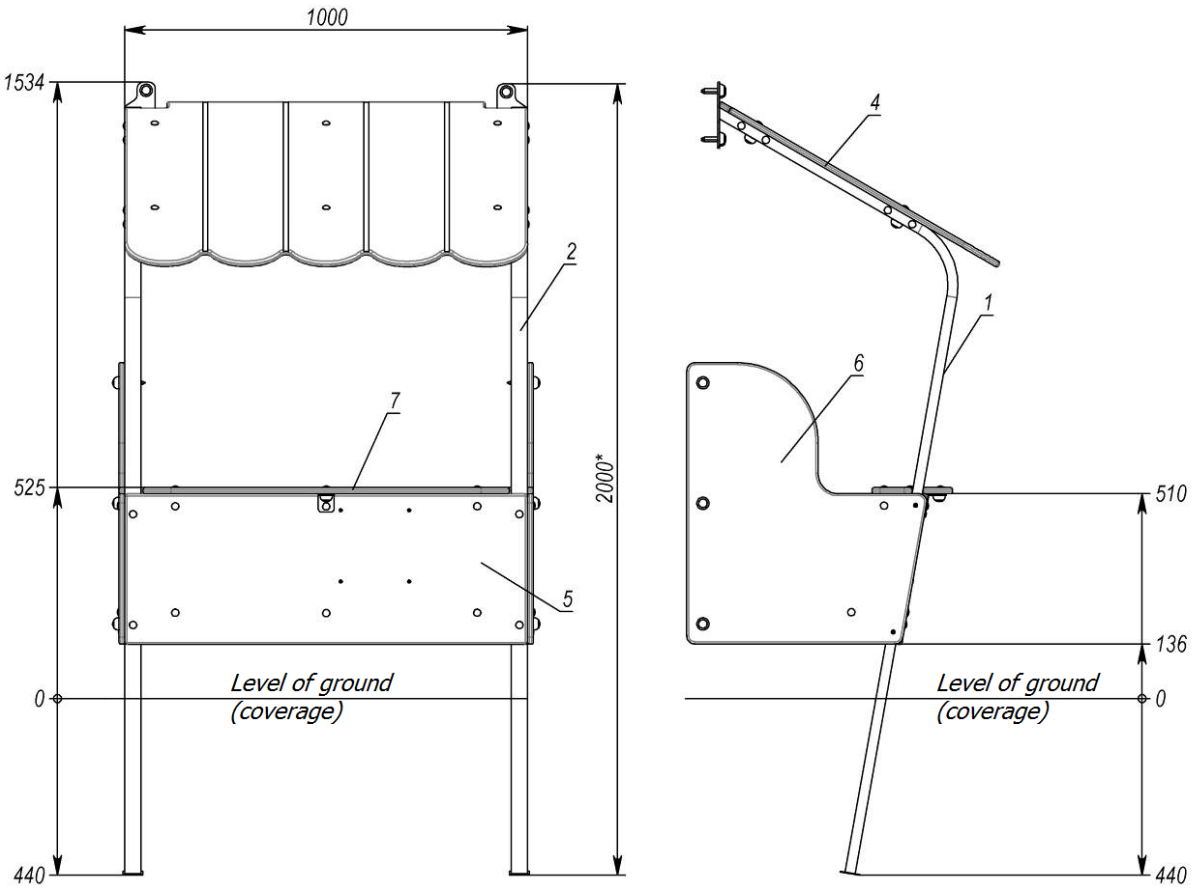
Picture 30 – Fixing scheme of the canopy



Picture 31 – Assembly scheme of the cash desk



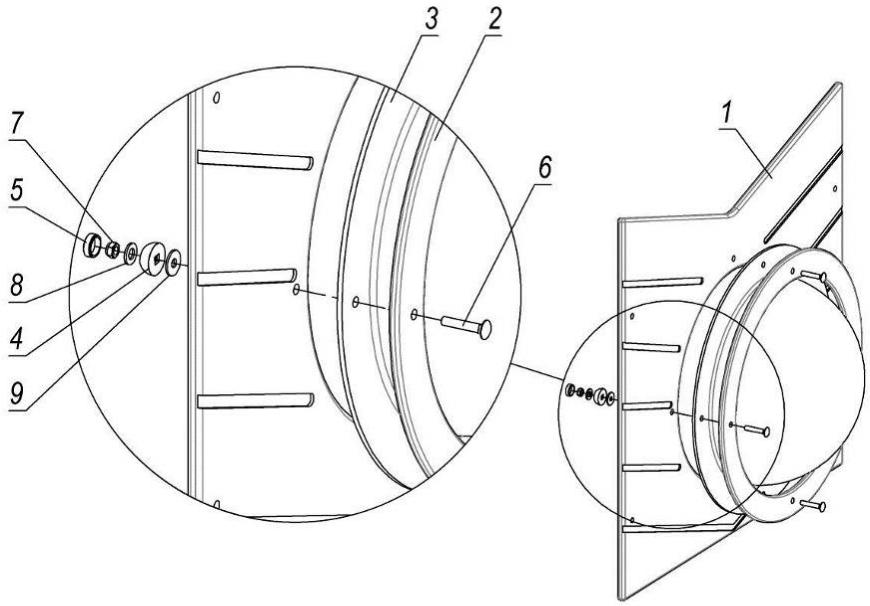
Picture 32 – Fixing scheme of the panel



Picture 33 – Overall dimensions

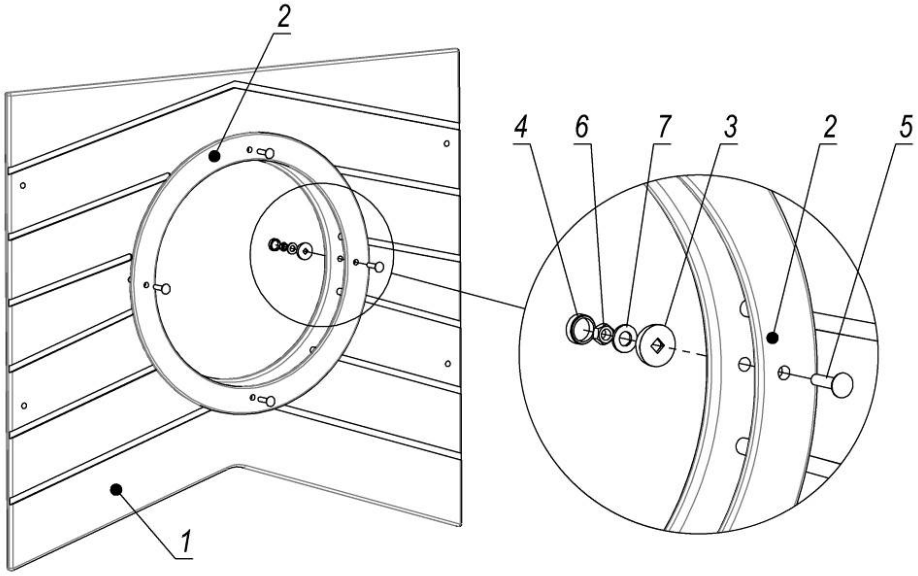
Table 2 – Completeness of the «Cash desk»

Pos.	Name	Weight, kg	Q-ty
1	Cash desk rack	5	1
2	Cash desk rack	5	1
3	Brace rod (920 mm)	2	2
4	Canopy	7	1
5	Front panel	4	1
6	Side panel	3	2
7	Table top	2	1
8	Shelf (1m)	2	1
9	Cash desk rib (250mm)		2
10	Cash register		1
11	Bar		2
12	Rod d8x212mm		3
13	Bung		6
14	Small angle bar		4
15	Big angle bar		5
16	Plate		1
17	Cup M6		6
18	Cap M8		6
19	Nut M6 GOST5915		6
20	Nut M8 GOST5915		30
21	Washer 8 GOST11371		14
22	Washer 6 GOST6958		6
23	Washer 8 GOST6958		30
24	Washer 10 GOST11371		40
25	Bolt M8x30 GOST7802		20
26	Bolt M8x50 GOST7802		10
27	Bolt M8x55 GOST7802		8
28	Self-locking nut M8 DIN985		8
29	Cup M8		40
30	Cap M8		40
31	Screw 8x70 GOST11473		6
32	Screw 8x50 GOST11473		4
33	Screw with drill 4.8x32 DIN7504P	5	4
34	Screw 4x40 GOST1145		14



Pos.	Name	Weight, kg	Q-ty
1	Cover plate bulwark	4	1
2	Cover plate porthole	5	1
3	Acrylic hemisphere (d380-500mm)	2	1
4	Cup M8		4
5	Cap M8		4
6	Bolt M8x45 GOST7802		4
7	Nut M8 DIN985		4
8	Washer 10 GOST11371		4
9	Washer 8 GOST6958		4

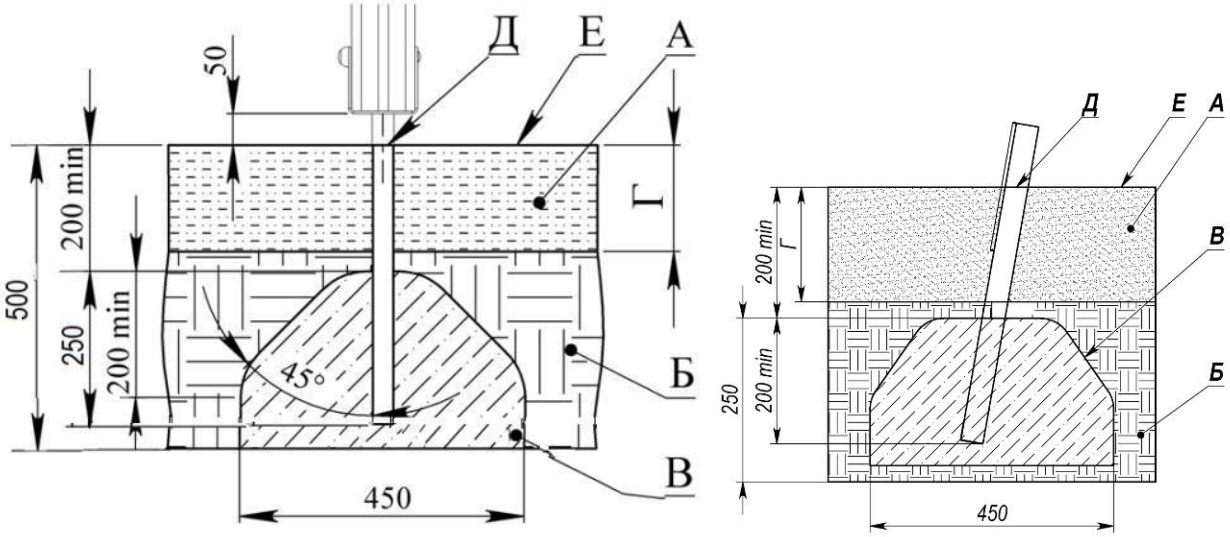
Picture 34 - Fixing scheme of the 'Bulwark with porthole' panel



Pos.	Name	Weight, kg	Q-ty
1	Cover plate bulwark	6	1
2	Cover plate porthole		1
3	Cup M8		4
4	Cap M8		4
5	Bolt M8x35 GOST7802		4
6	Nut M8 GOST5915		4
7	Washer 10 GOST11371		4

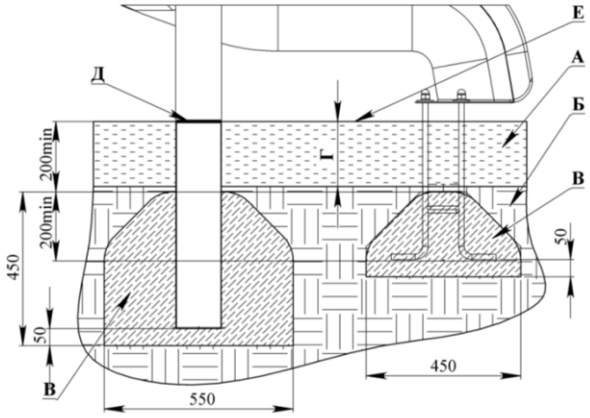
Picture 35 - Fixing scheme of the 'Bulwark' panel

8Install the product according to the level and concrete (concrete class not lower than B15), according to the concreting schemes. In case of installation on sandy soil, the size of the foundation must be increased by 15-20%. During installation of the product in winter, it is necessary to use concrete with plasticisers and additives to increase its frost resistance and water resistance.



for beams and other game elements for metal slides

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



For spiral descent

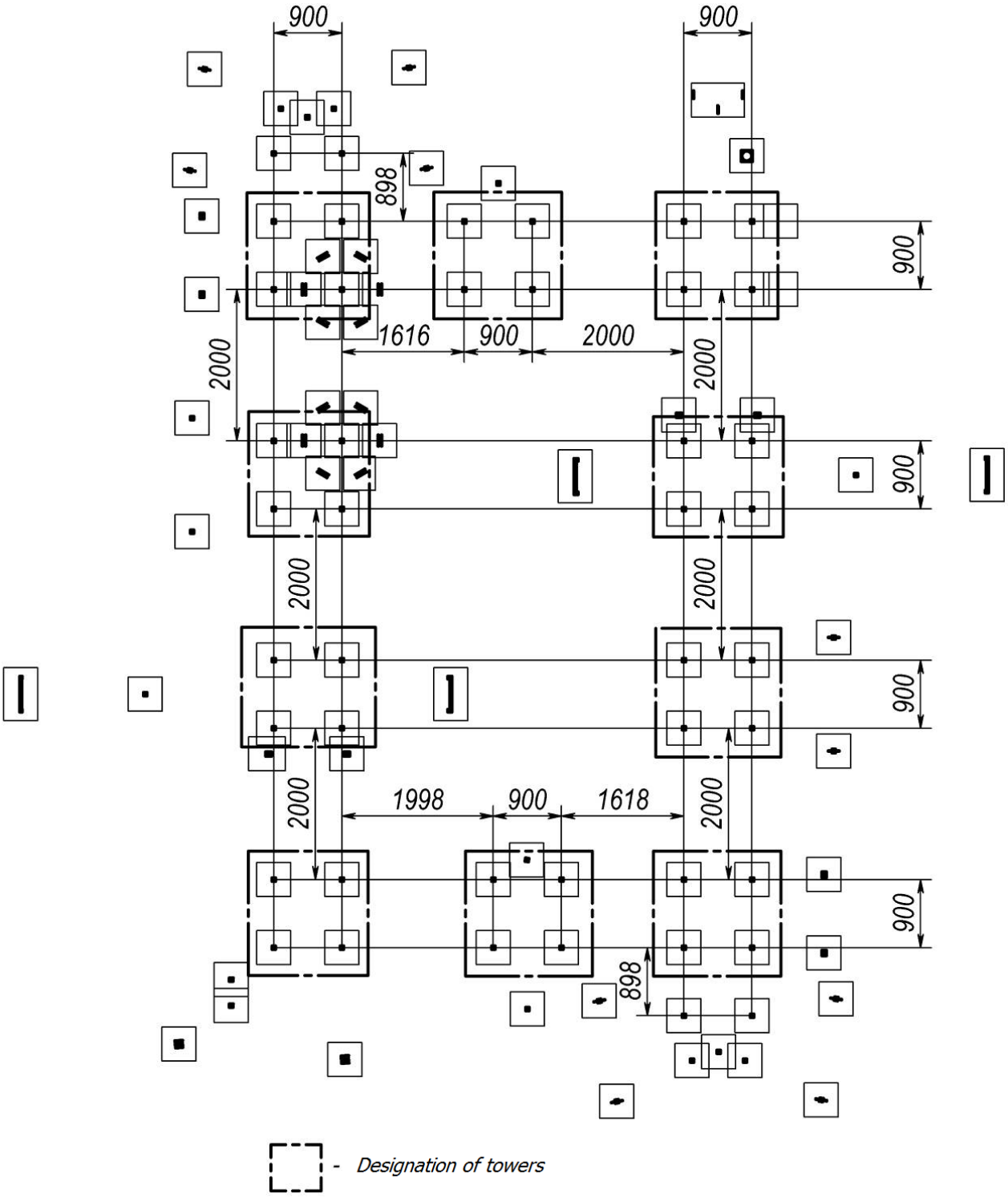
Examples of impact-absorbing coatings

Material[1]	Description	Minimal depth, mm	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

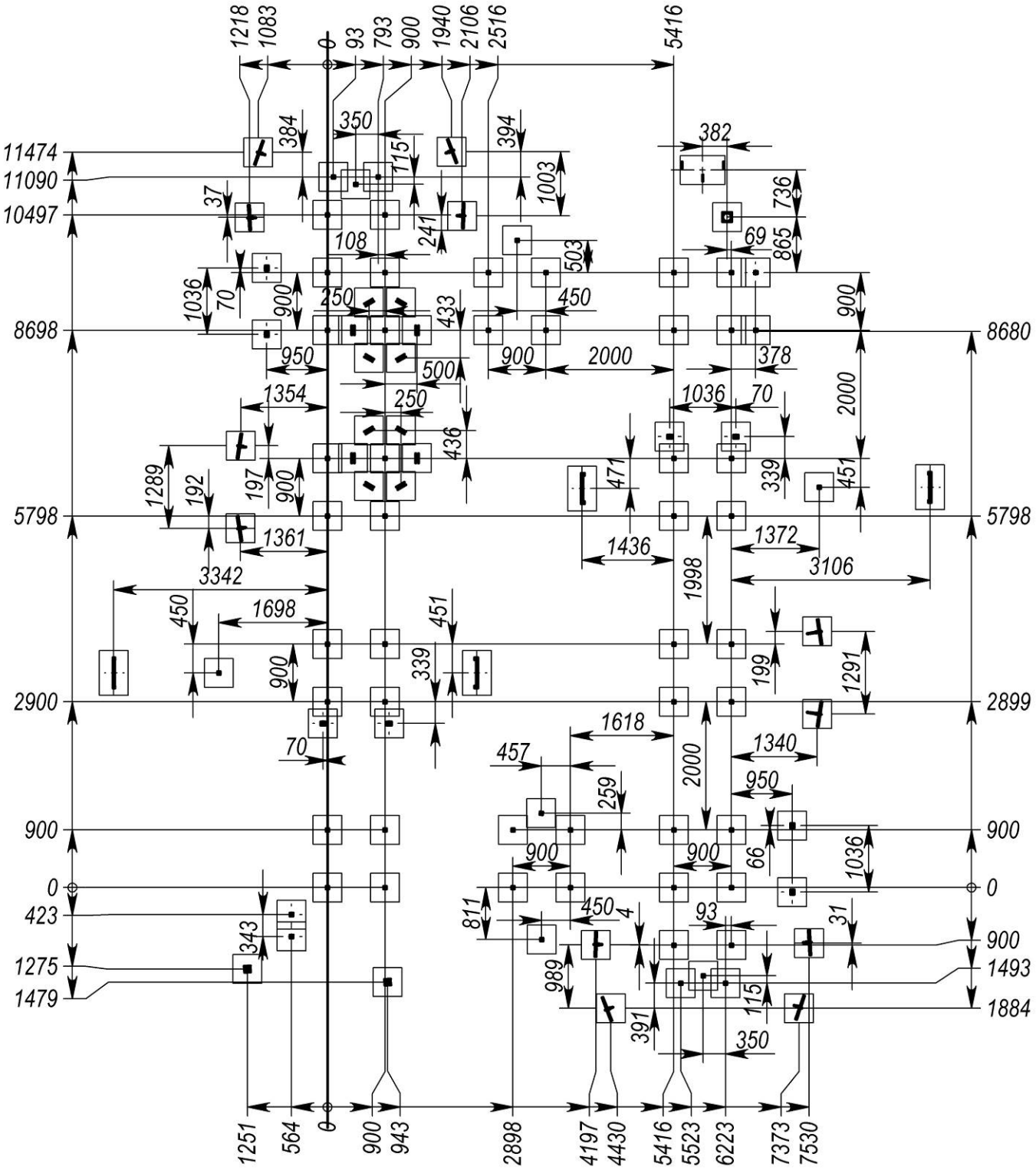
1. Materials are specially made for the playgrounds.
2. No clay inclusions should be present. Grain size is obtained by sieving through a sieve as in EN 933-1.

Picture 36

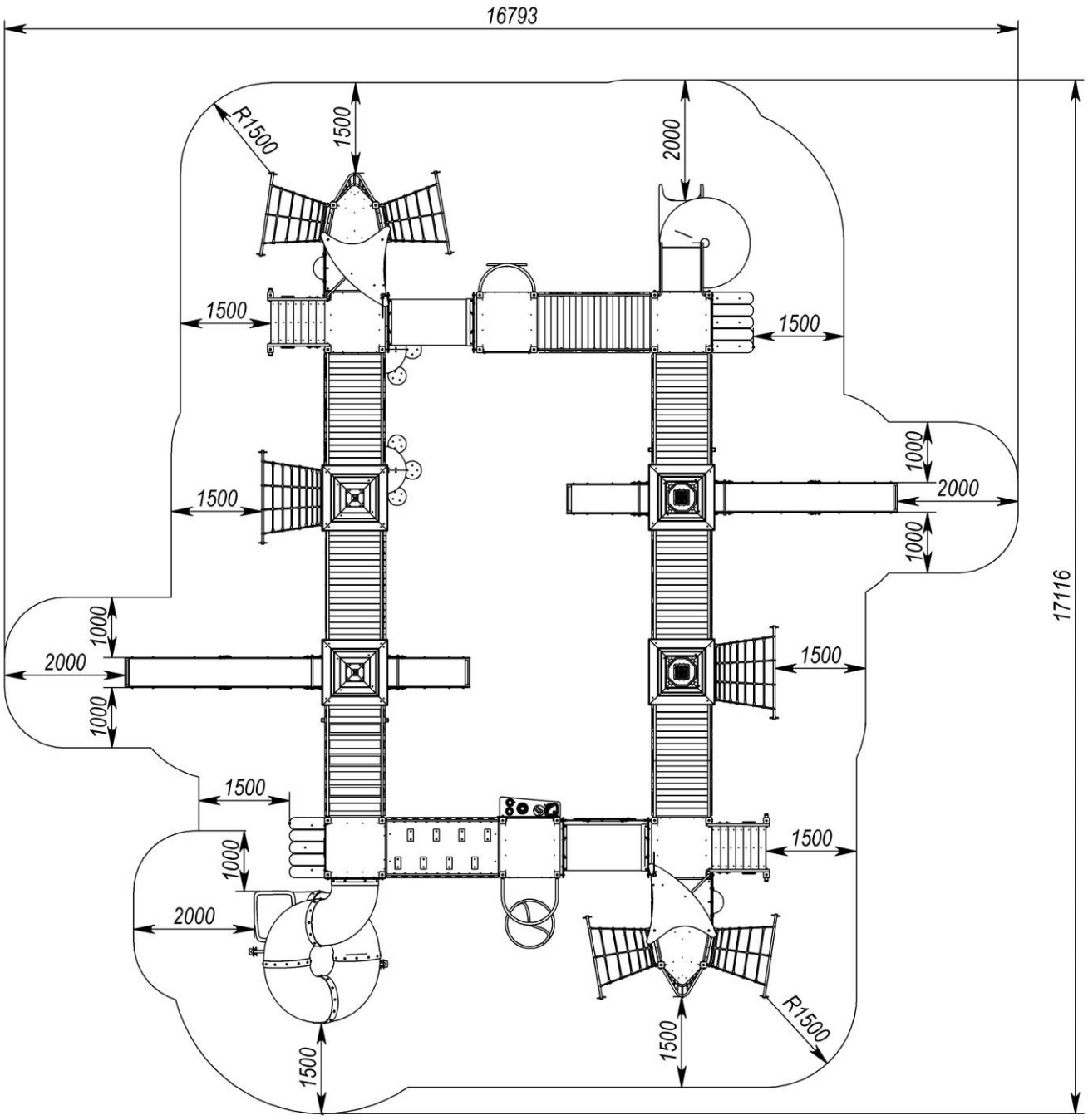
Concreting of the 'Towers'



Concreting of all assembly elements



Picture 37 - Layout of the foundation



Picture 38 - Layout of the safety zone