interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

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DATA SHEET

Playground complex «Big City-10» TE930

CONTENT

FOR NOTES

1. GENERAL INFORMATION

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

Distribution of this document for product modifications. Manufacturer can make changes to the product design to improve its performance, change the design, etc. This document may not contain a description of such changes, but applies to the following modified products.

2. ASSEMBLING AND INSTALLATION OF THE PRODUCT

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

Procedure of assembling and installing the product.

1) Mark the area according to the foundation layout scheme.
2) Make the digs for installation of the embedded parts and the attachments. The depth of these digs leveled by deepening or adding the gravel.
3) Assemble and install the equipment in accordance with the assembly schemes - chapter 7.
4) Concrete the embedded parts and support constructions of the attachment elements. During installation of equipment on a sand soil, overall sizes of the digs must be increased by 15-20%.

To avoid cracking of the wood, it is necessary to drill the holes with diameter 0,6..0,7 of the start diameter and depth up to 0,8 of it's length for the screws with diameter more than 4 mm.

WARNING! The presence and participation of the children in the process of installation of the equipment is not allowed.

3. PRODUCT USE

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

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

Before using the product, clear the safety zone of 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.

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.

5. STORAGE, TRANSPORT AND DISPOSAL INFORMATION

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 damage.

Storage information

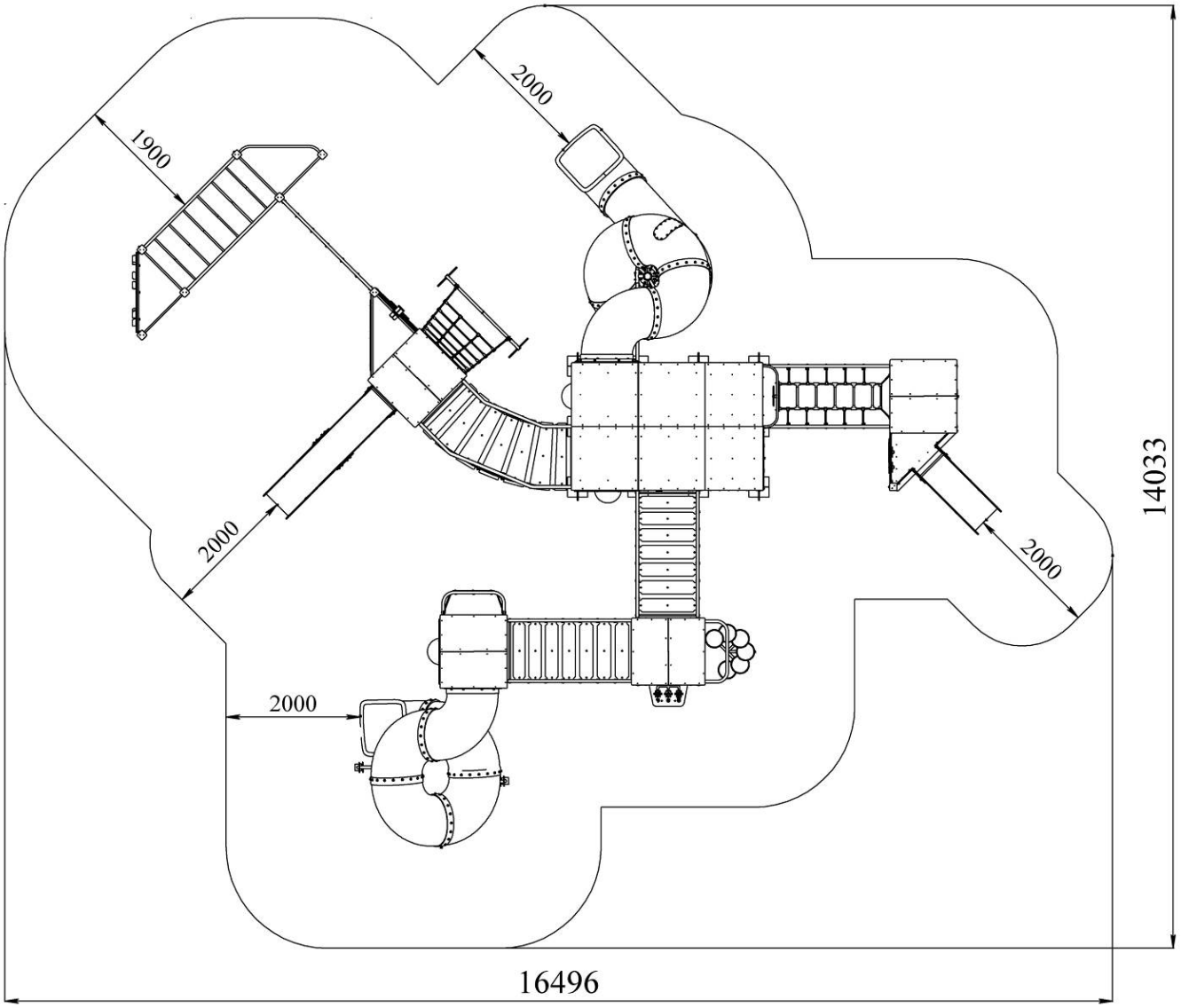
Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

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.

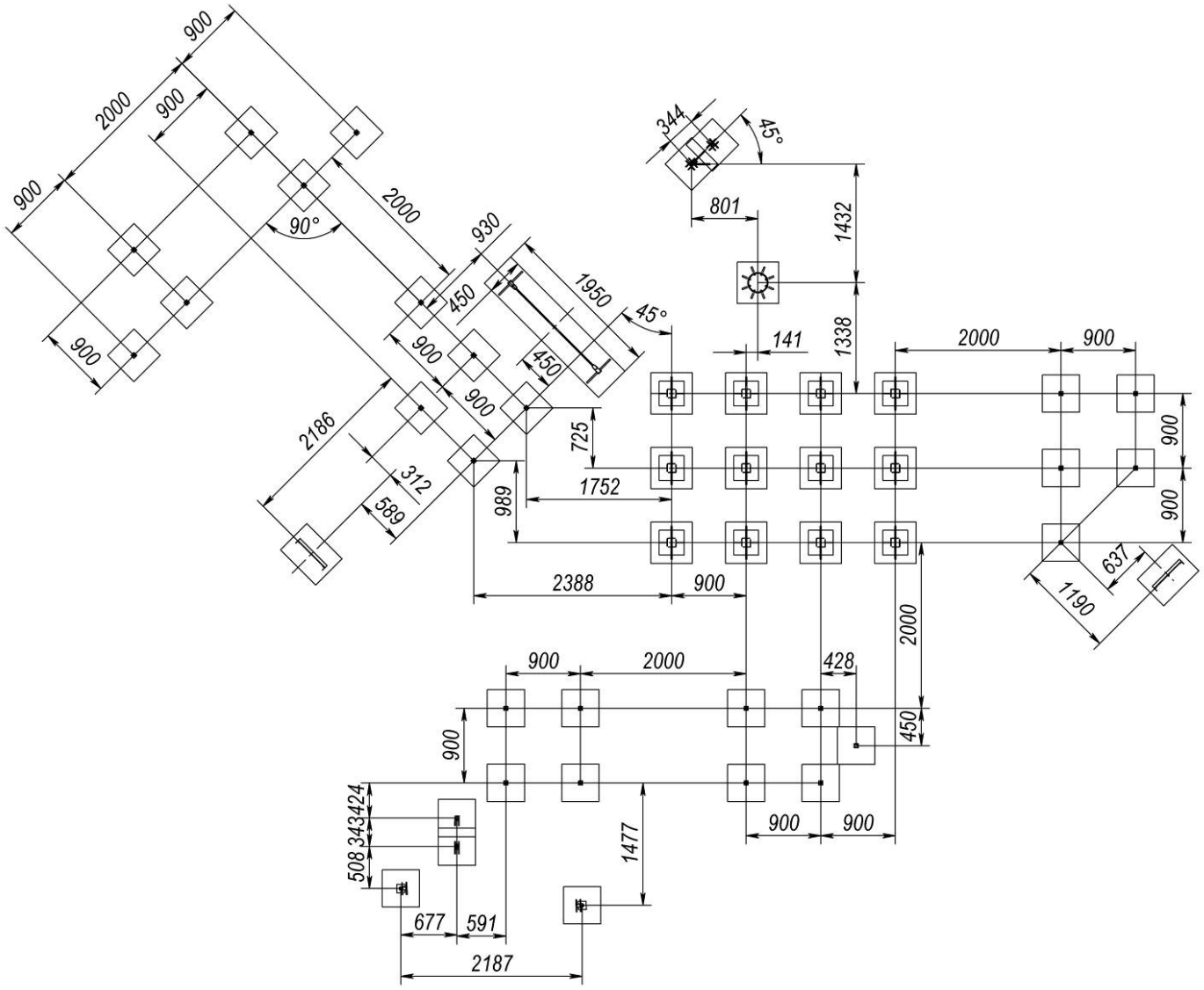
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

6. TECHNICAL DATA AND ASSEMBLY SCHEMES

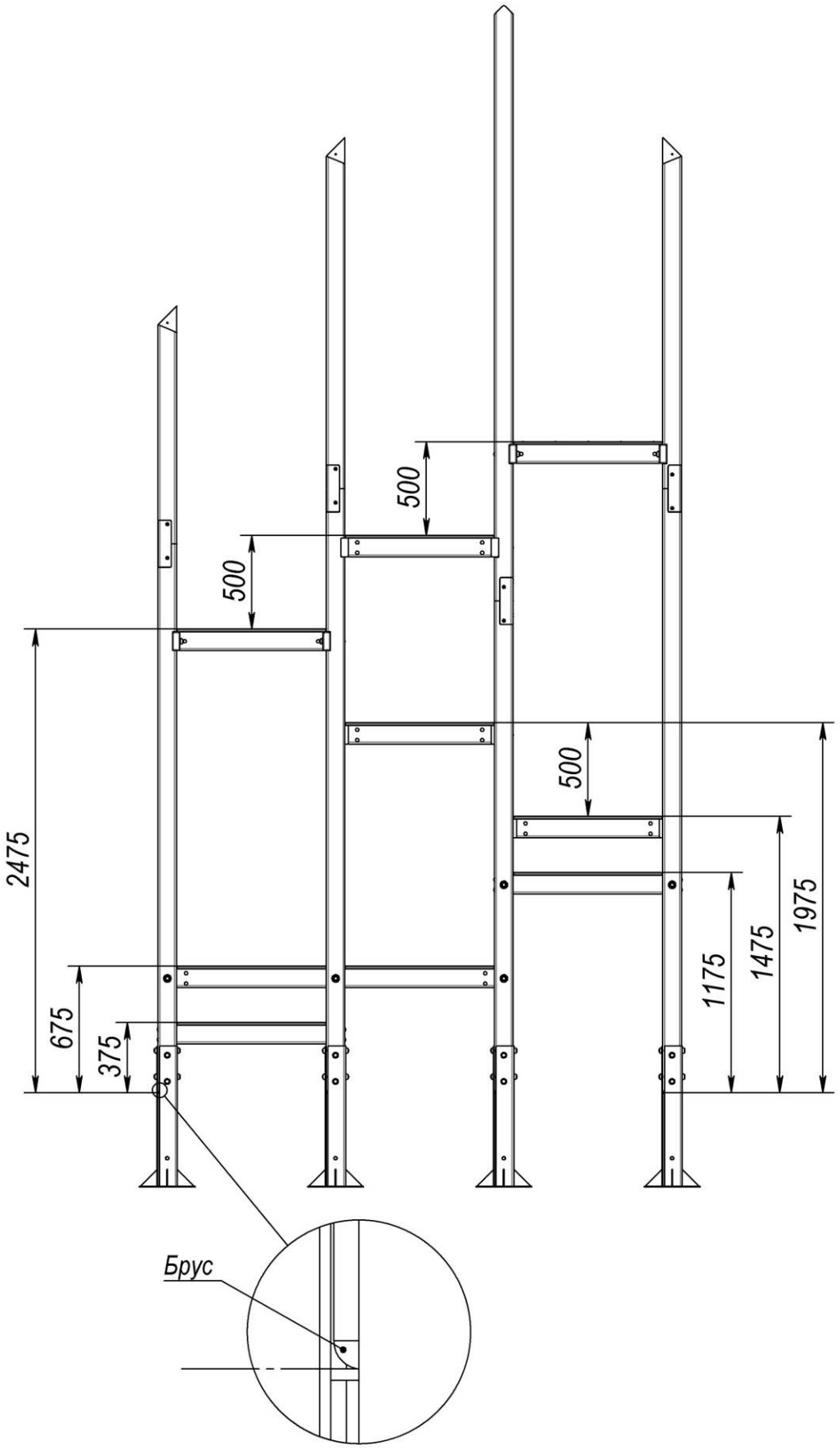
Length, mm	**12962**
Width, mm	**10677**
Height, mm	**6018**
Weight, kg	**3100**
Height of fall, mm	**3528**
Age restrictions, years	**Up to 12**
Weight limits, kg	**Up to 60**



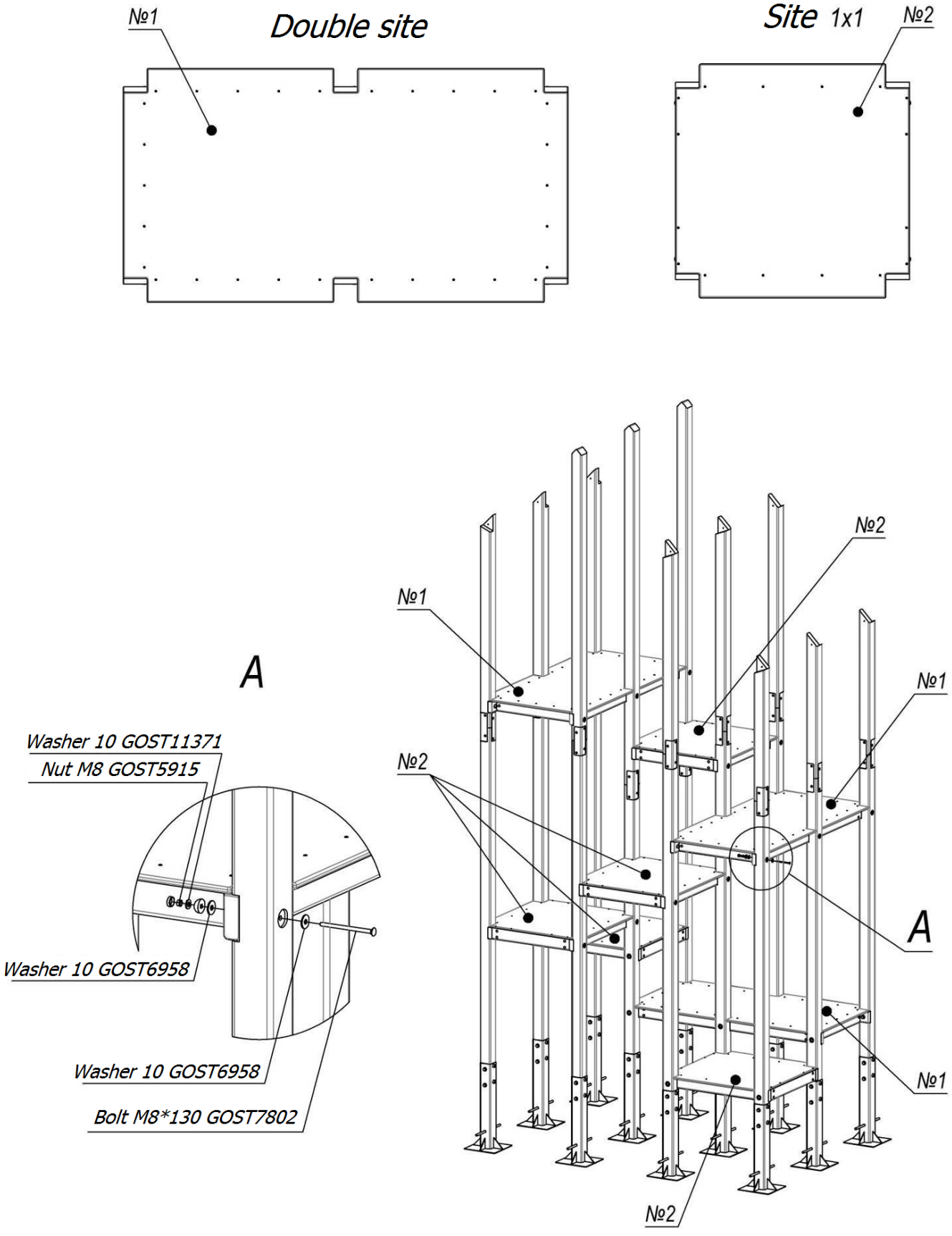
Picture 1 – Landing zone



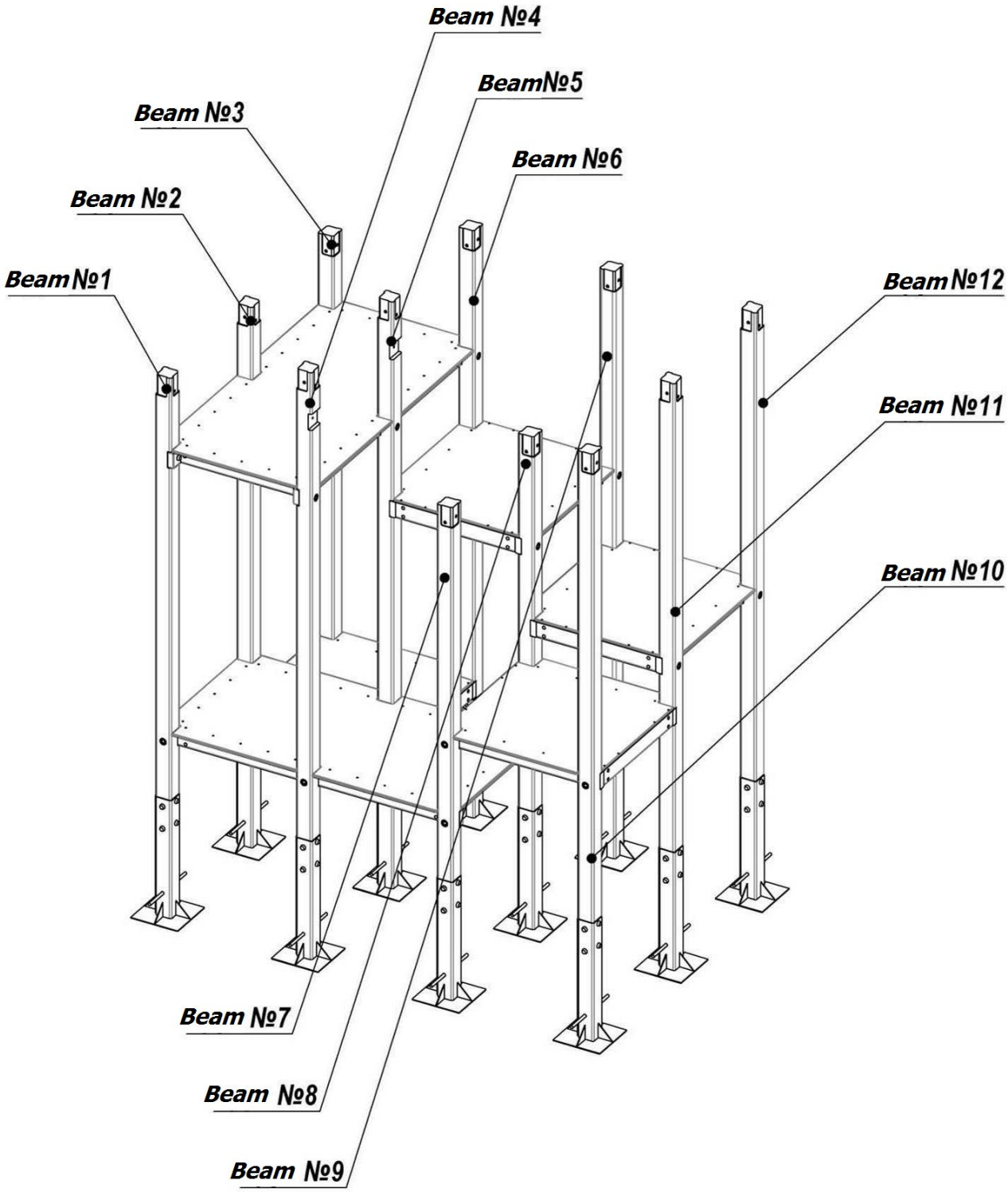
Picture 2 - Layout of foundations



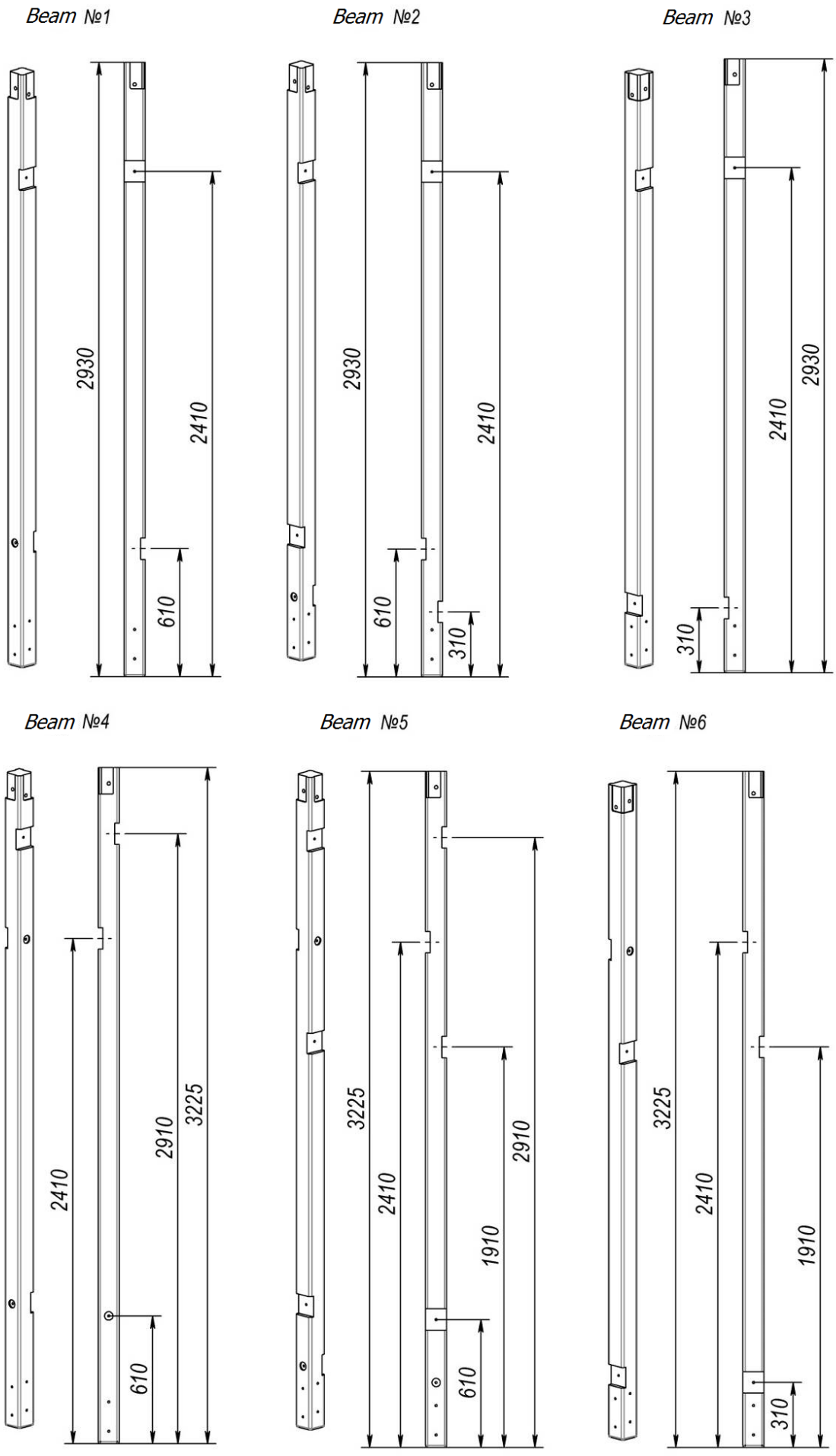
Picture 3 – Layout of sites



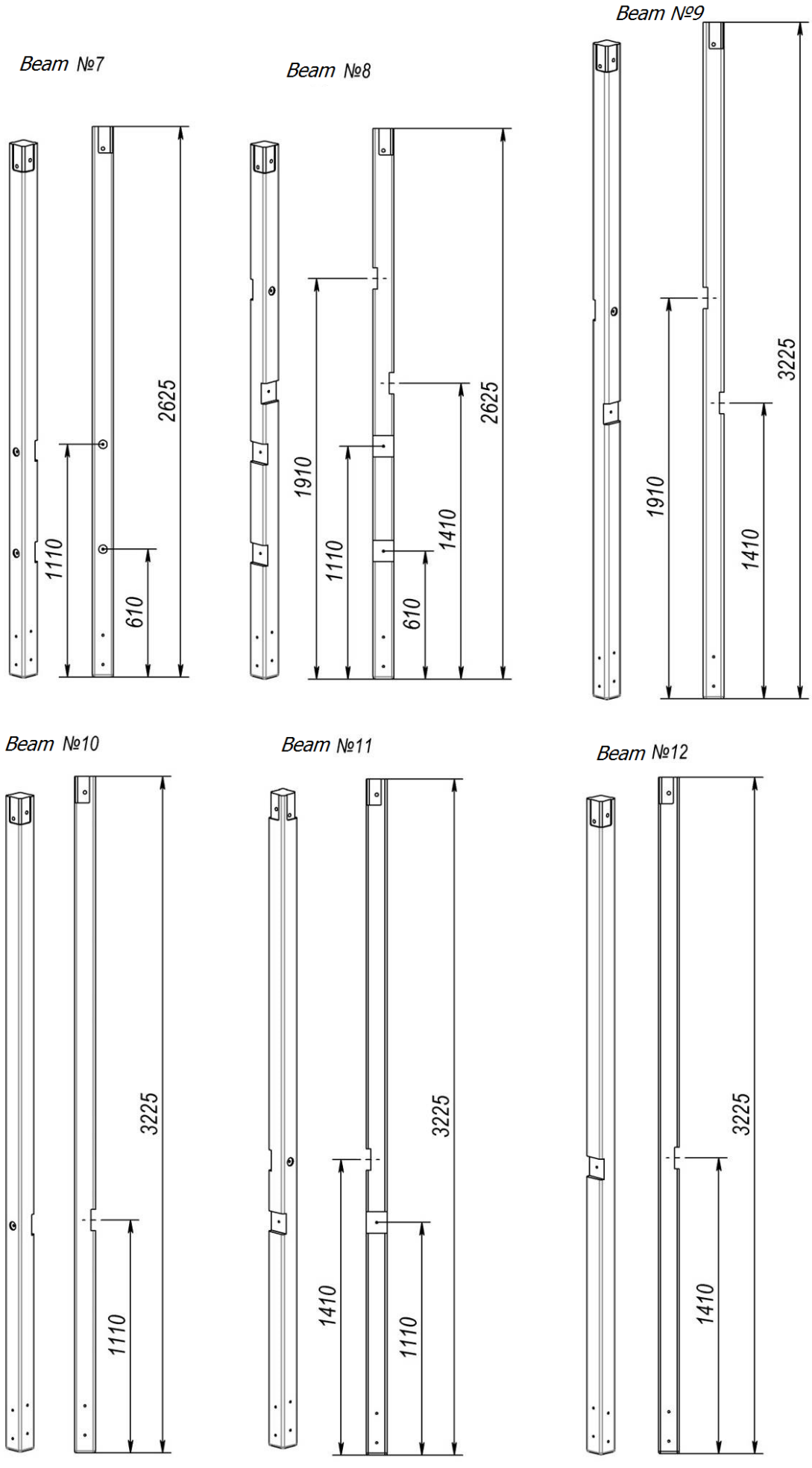
Picture 4 – Layout and installation scheme of the sites



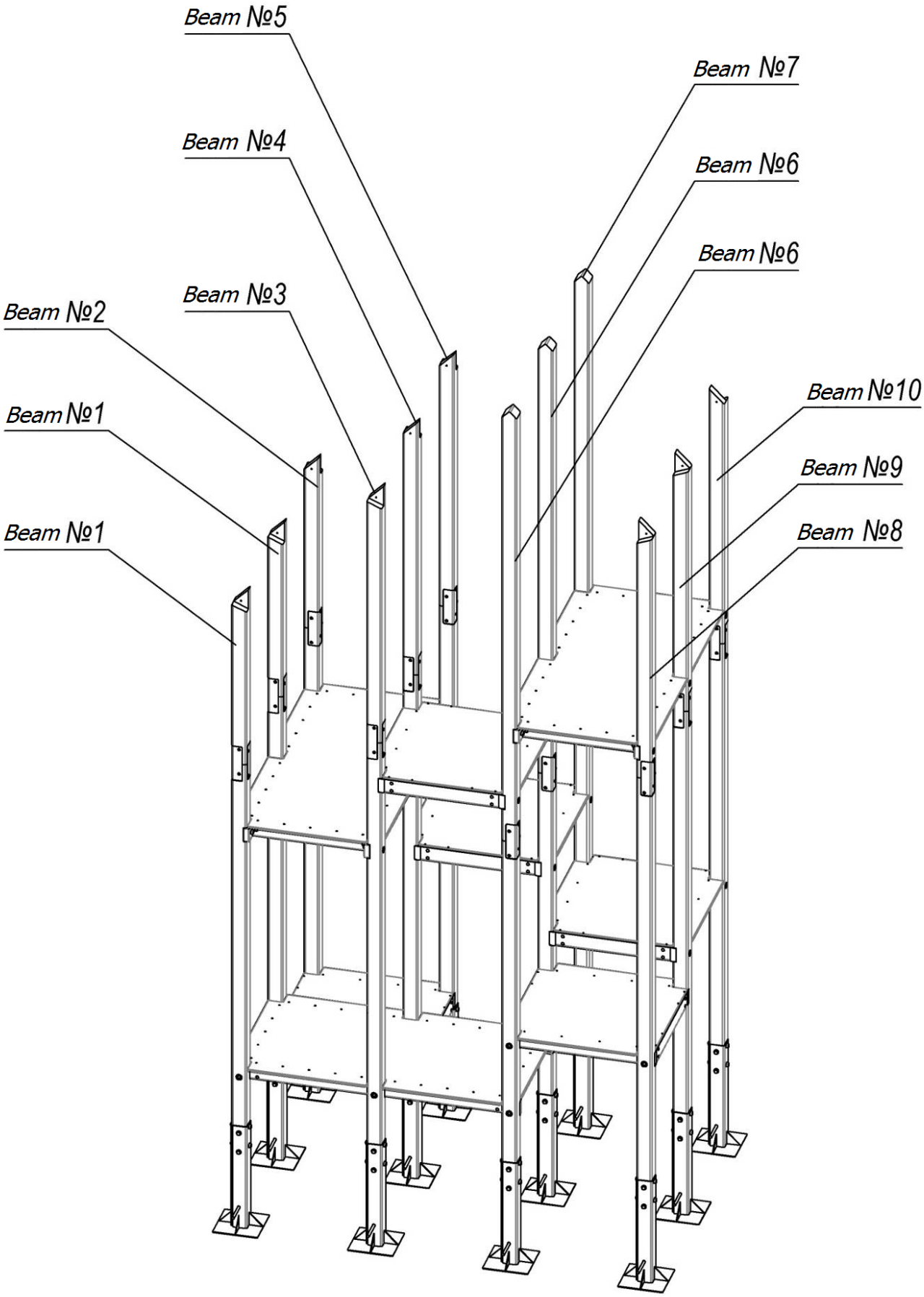
Picture 5 – Layout of lower level beams



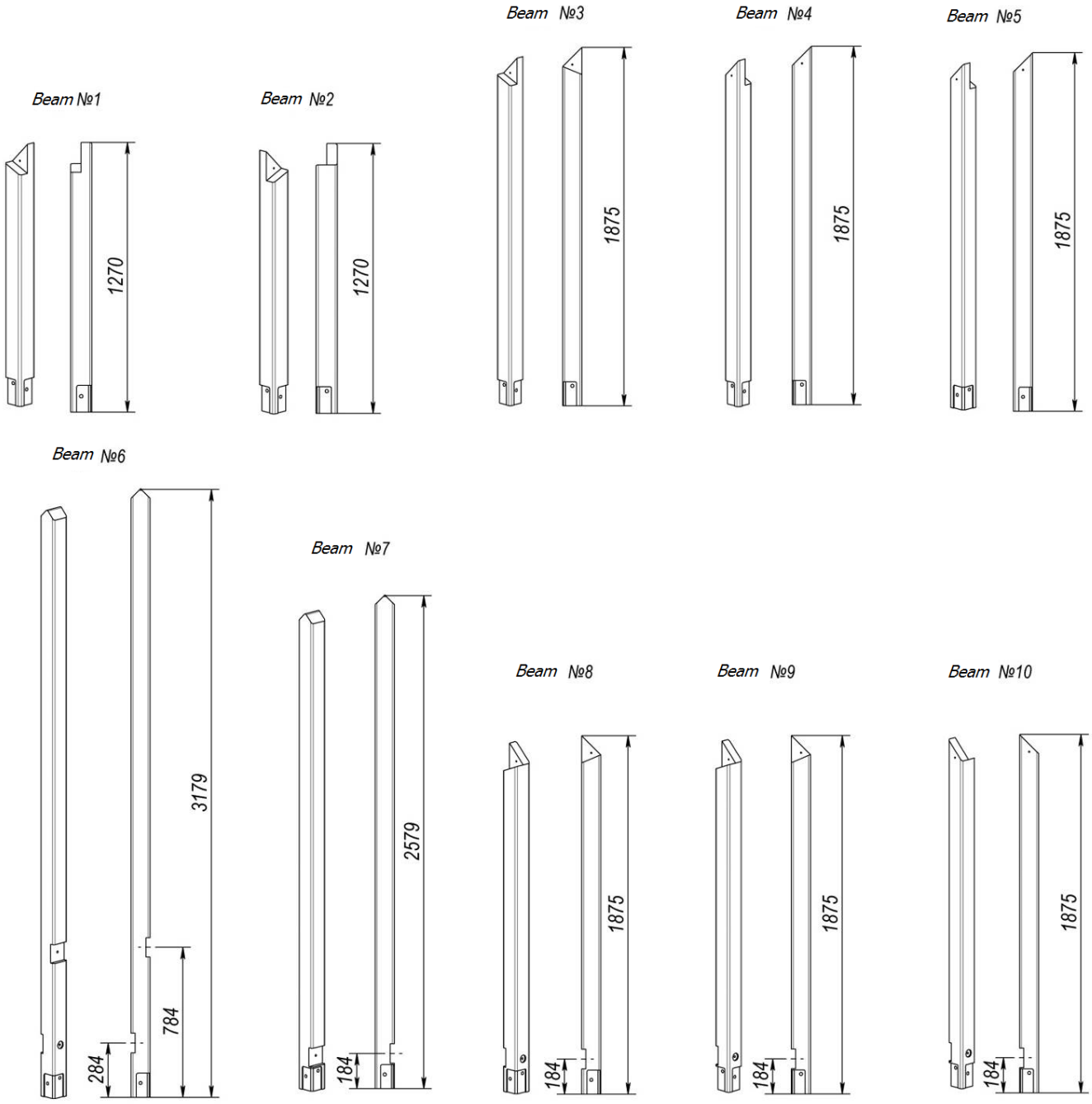
Picture 6 – Beams (1-6)



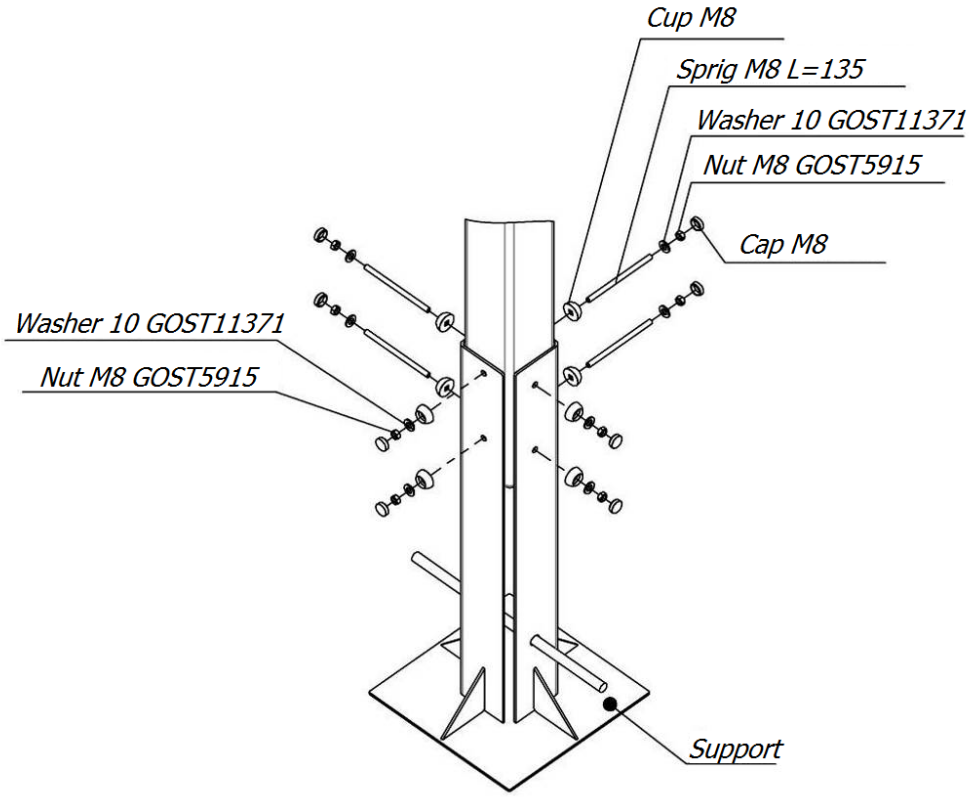
Picture 7 – Beams (7-12)



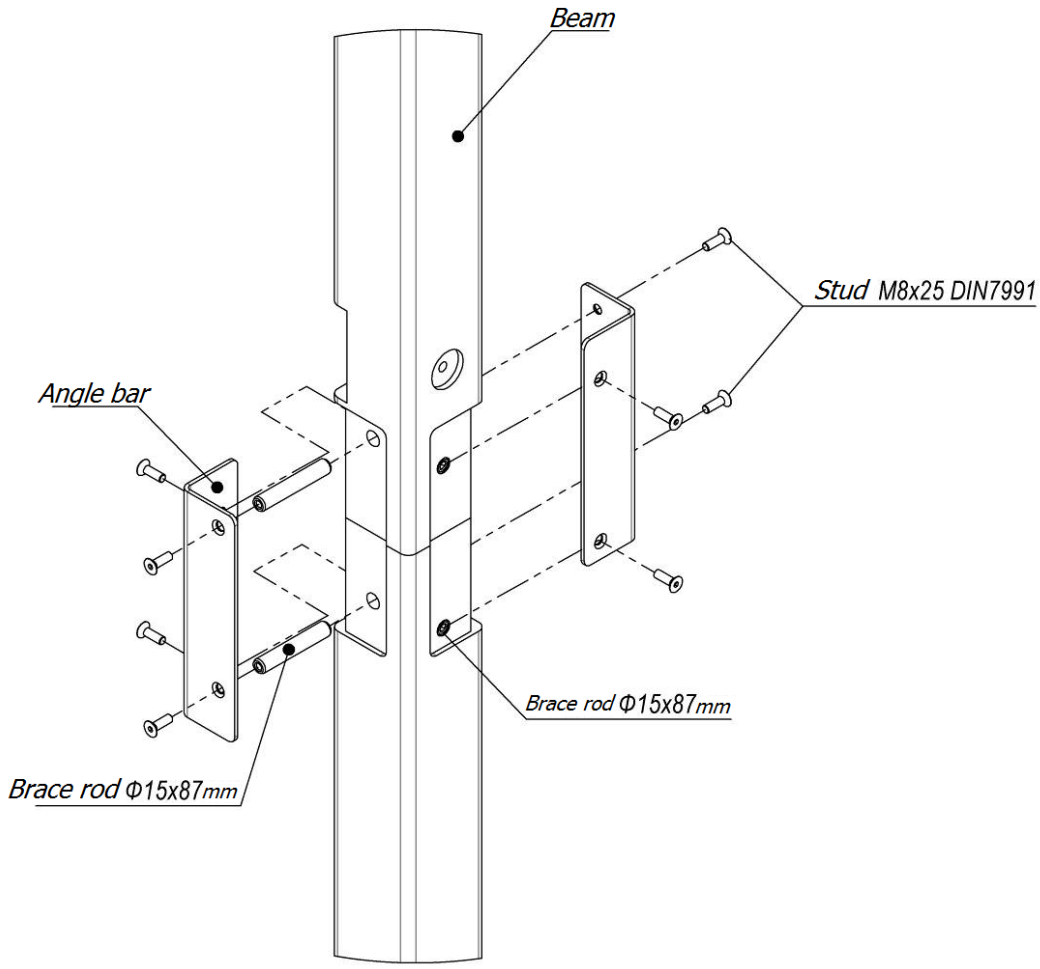
Picture 8 – Layout of upper level beams



Picture 9 – Beams (1-10)

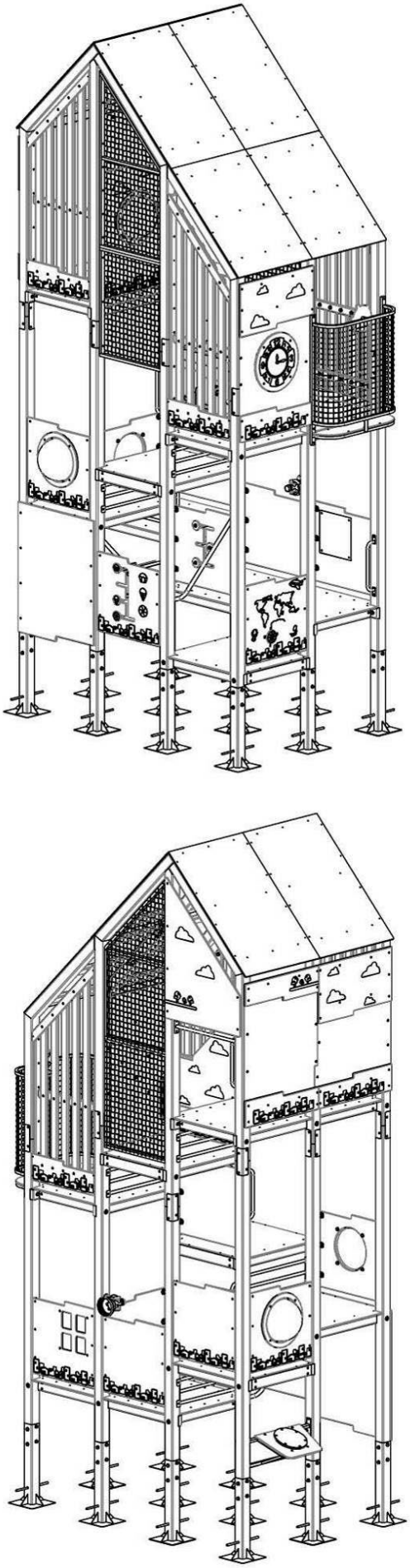


Picture 10 – Connecting scheme of support with beam



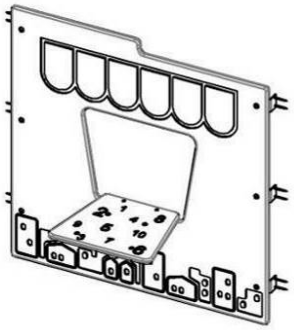
Picture 11 – Connecting scheme of two beams

External view of panels and their layout for multi-level tower
(Additionally panels layout is in the appendix)

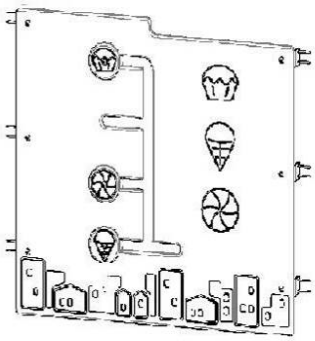


Picture 12 – Panels layout

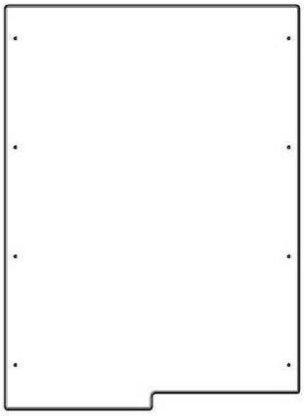
Panel "World map"



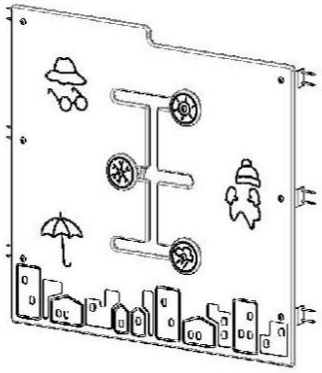
Panel "Showcase"



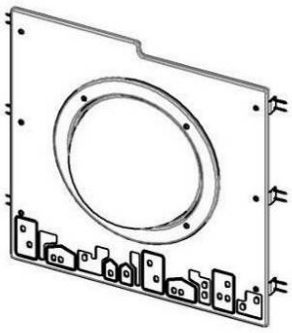
Panel "Sweets"



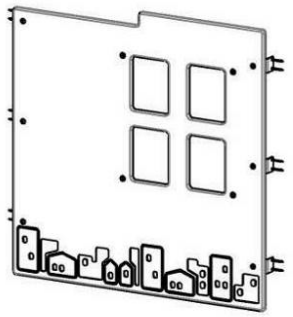
Panel for drawing



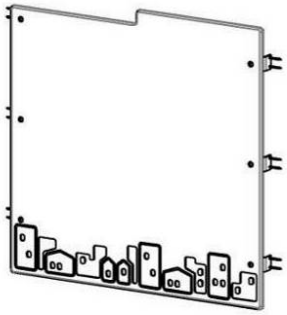
Panel "Riddle"



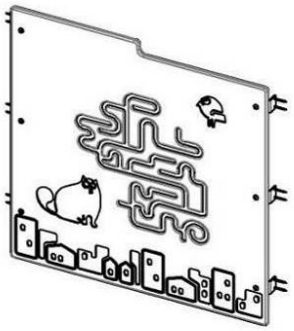
Panel with porthole



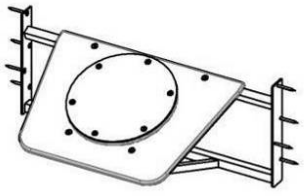
Panel with windows



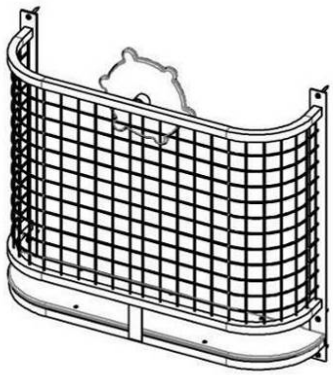
Shield fencing



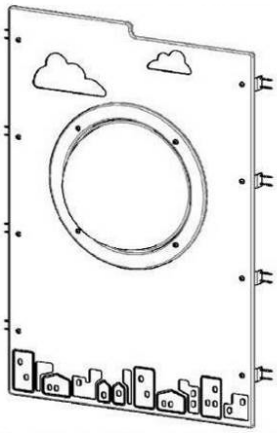
Panel "Labyrinth"



Attachment "Labyrinth"

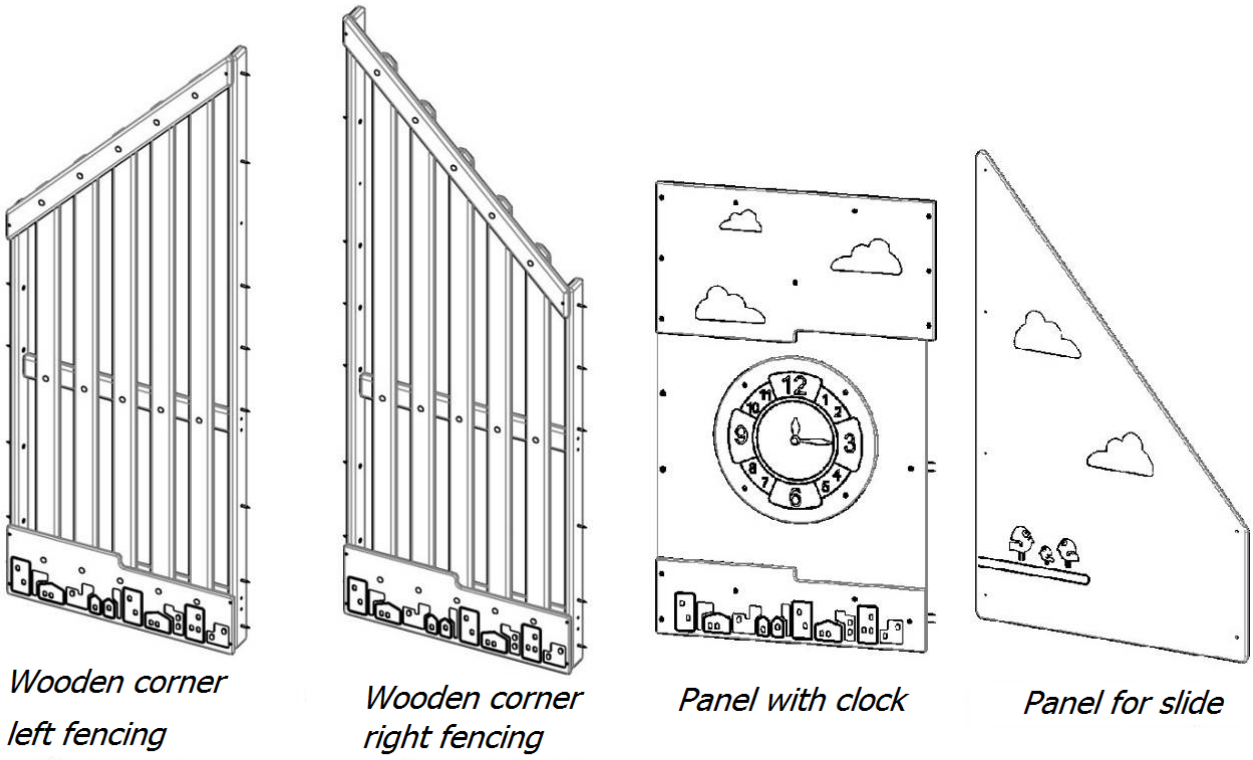


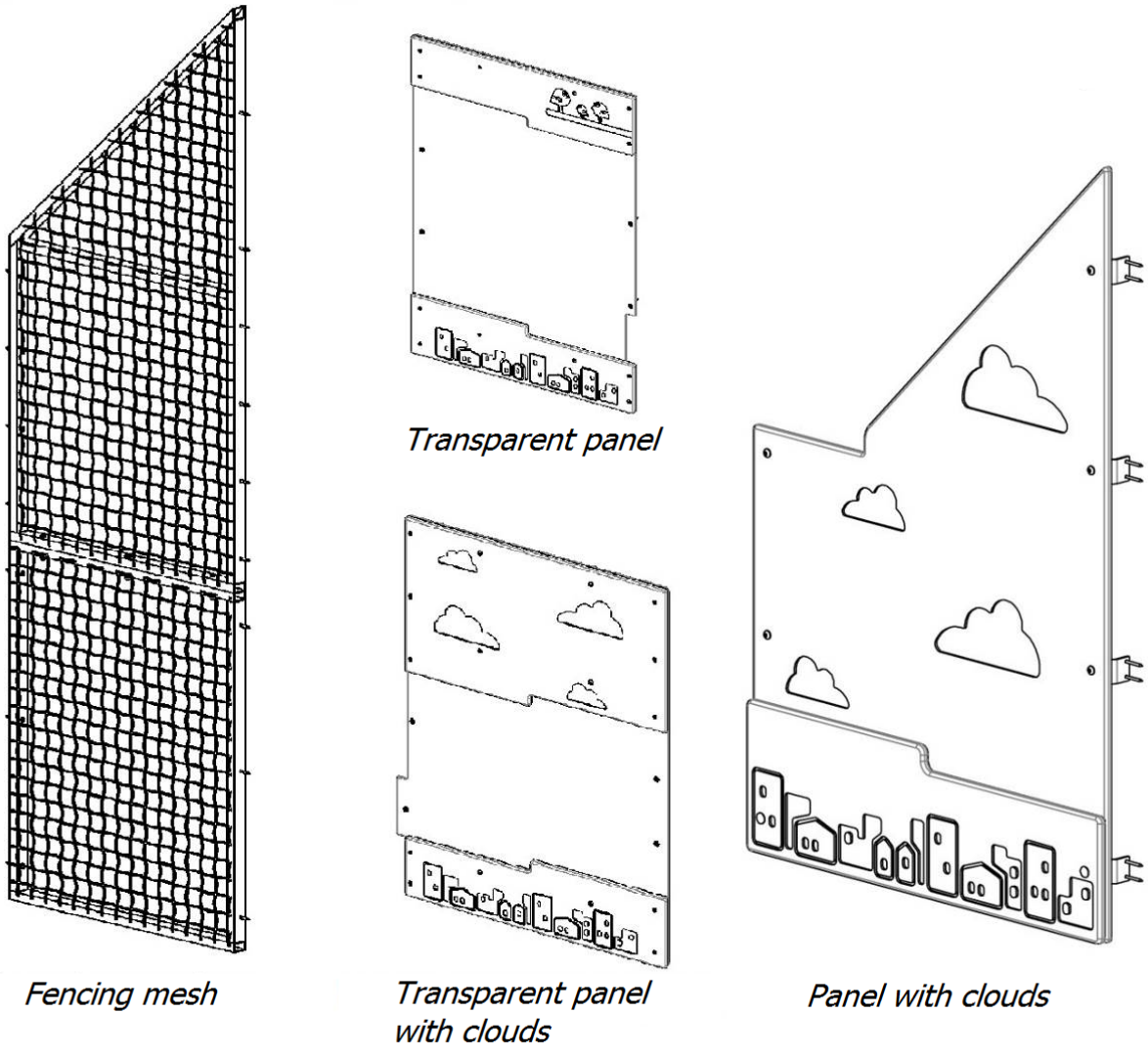
Balcony with steering wheel



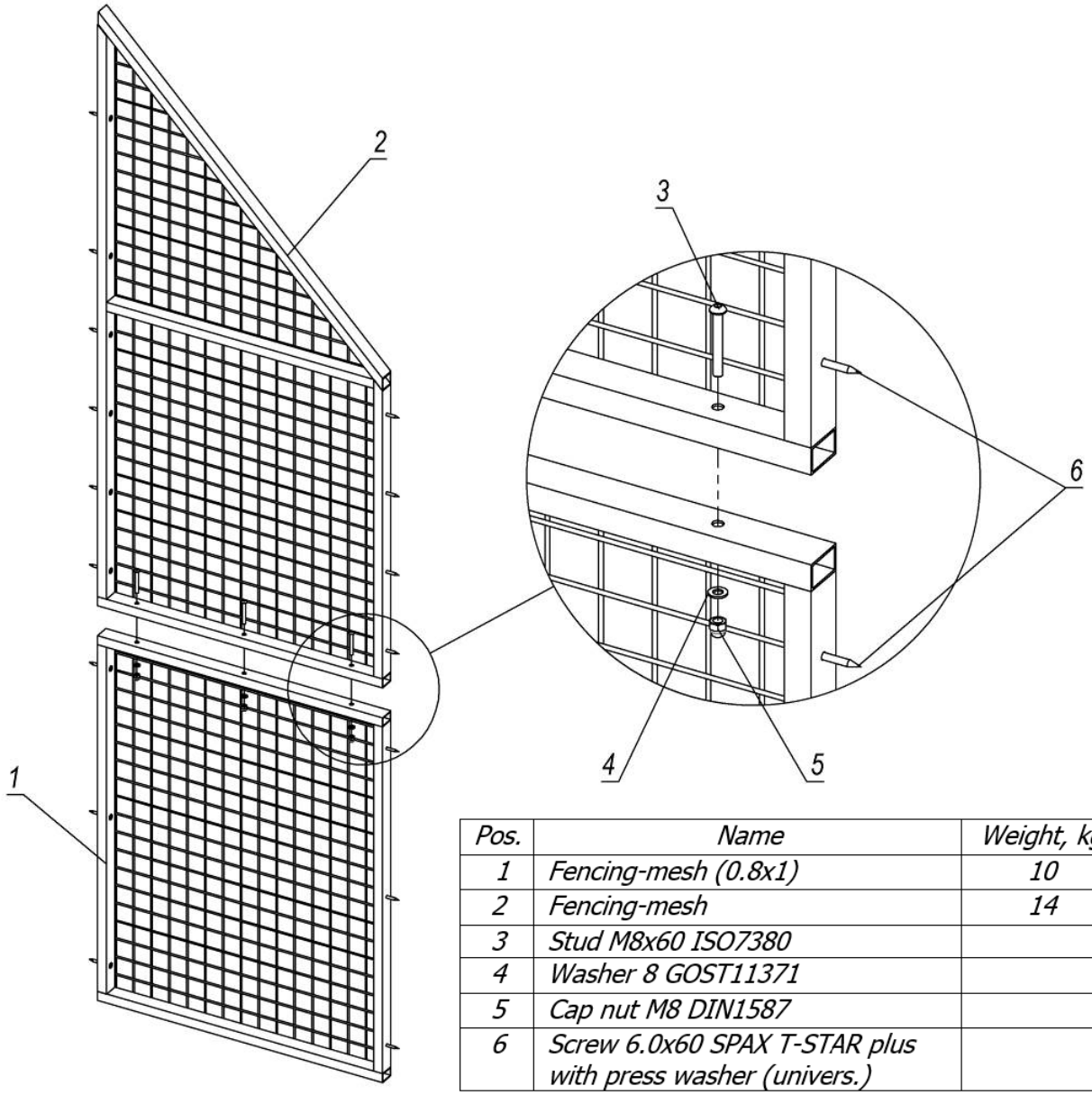
Big panel with porthole

Picture 13 – Types of panels and fences



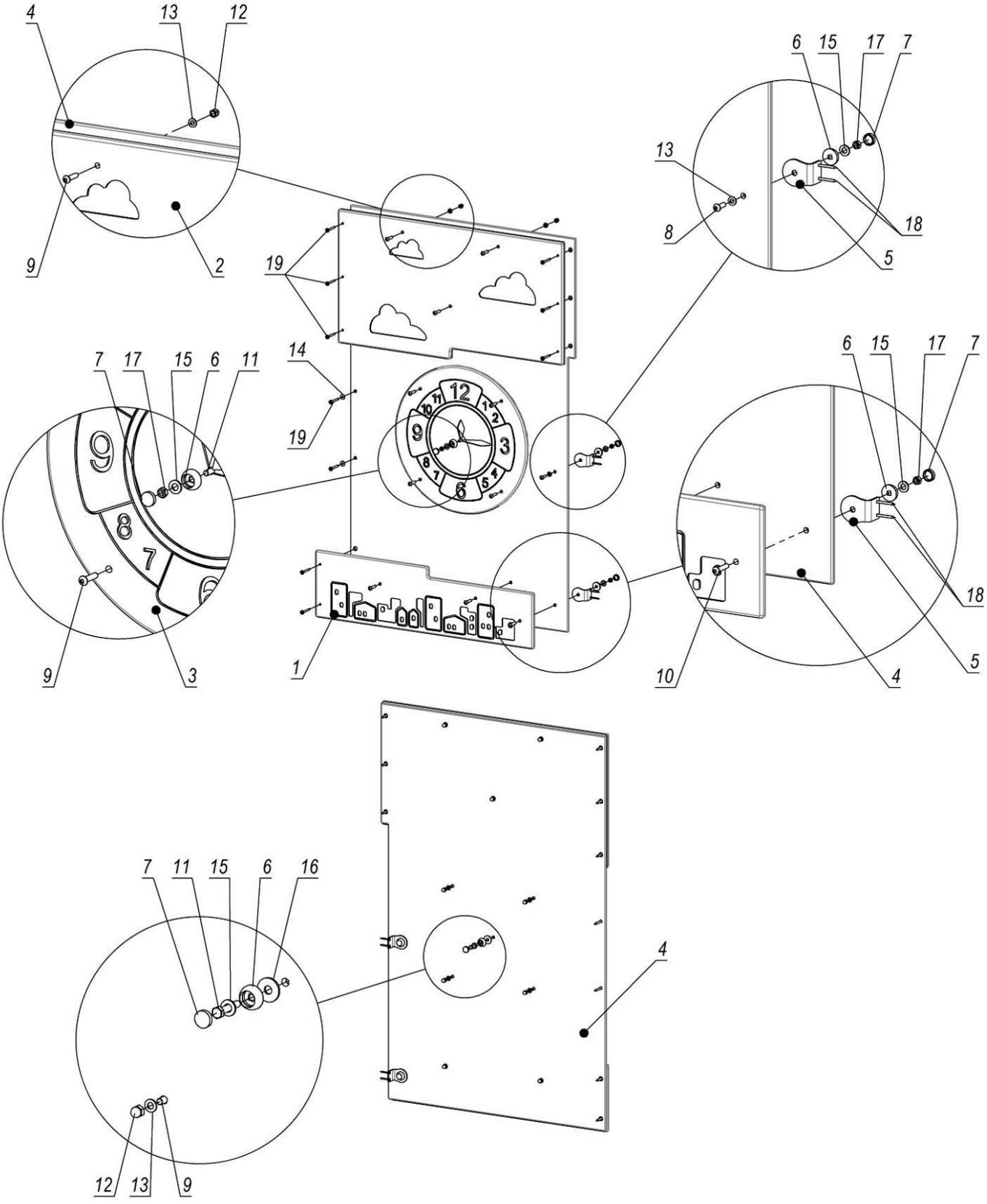


Picture 14 – Types of panels and fences



Pos.	Name	Weight, kg	Q-ty
1	Fencing-mesh (0.8x1)	10	1
2	Fencing-mesh	14	1
3	Stud M8x60 ISO7380		3
4	Washer 8 GOST11371		3
5	Cap nut M8 DIN1587		3
6	Screw 6.0x60 SPAX T-STAR plus with press washer (univers.)		16

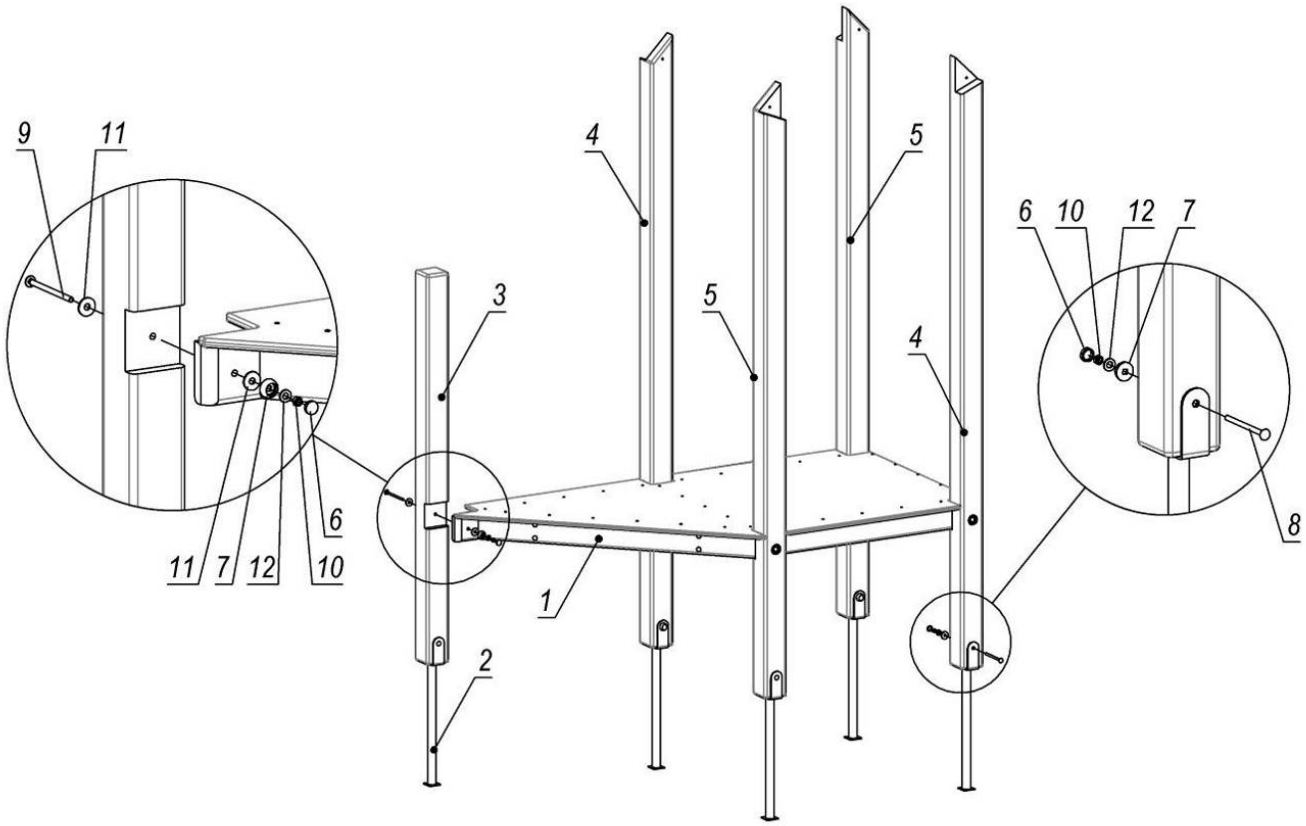
Picture 15 – Assembly scheme of fencing-mesh

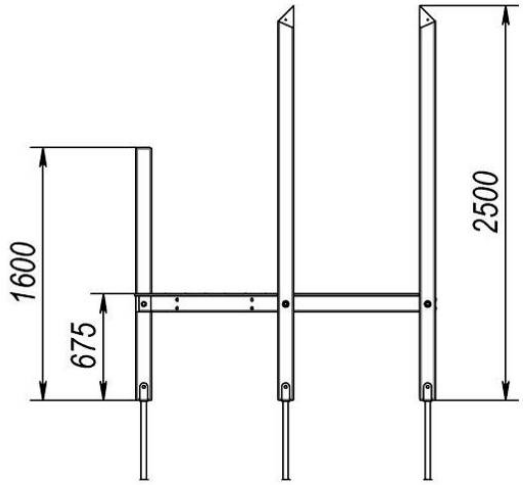


Picture 16 – Assembly scheme of panel with clock

Table №2 – Completeness of panel with clock

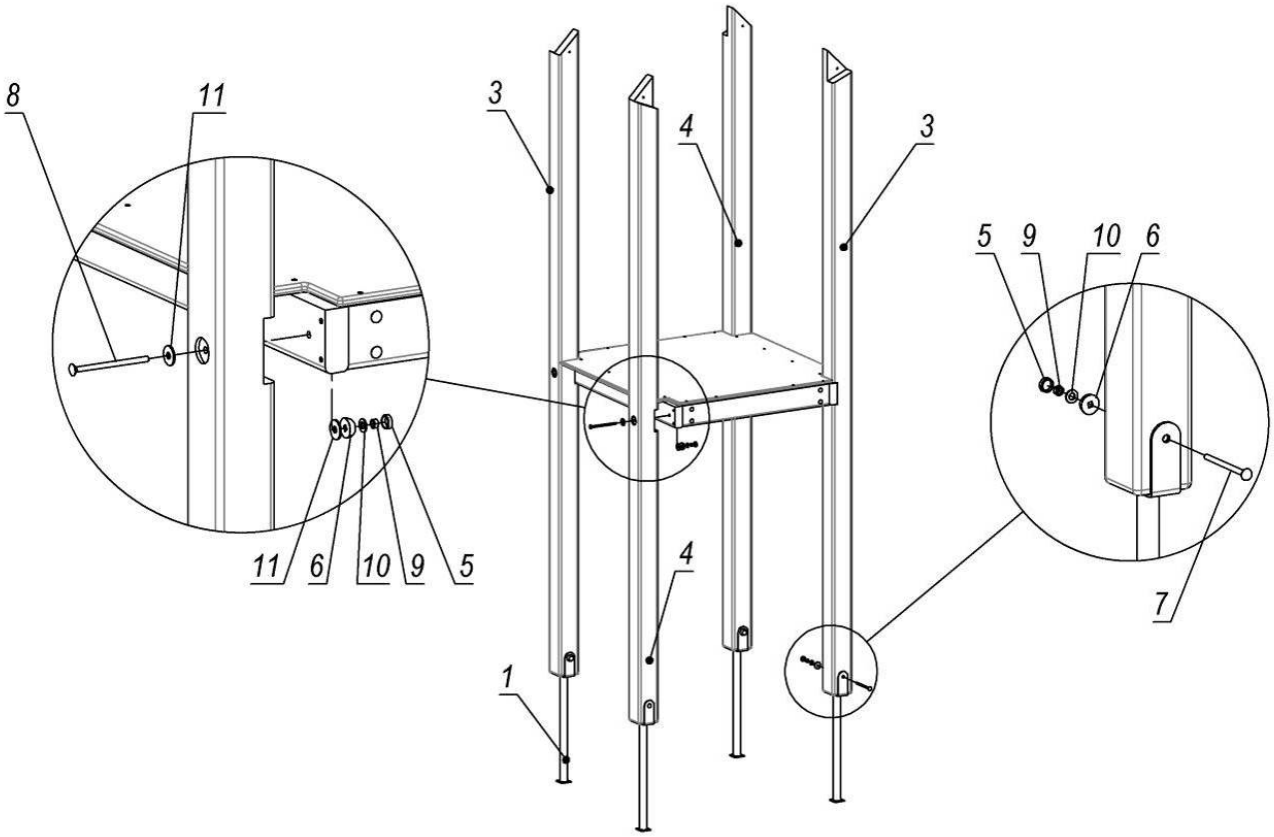
Pos.	Name	Weight, kg	Q-ty
1	Lower panel	3	1
2	Upper panel with clouds	6	1
3	Cover plate "Clock"	3	1
4	Transparent panel (0.94x1.48)	15	1
5	Corner bracket 40x60		2
6	Cup M8		4
7	Cap M8		4
8	Stud M8x25 ISO7380		1
9	Stud M8x35 ISO7380		9
10	Stud M8x40 ISO7380		1
11	Bolt M8*45 GOST7798		1
12	Cap nut M8 DIN1587		9
13	Washer 8 GOST11371		10
14	Washer 6 GOST6958		2
15	Washer 10 GOST11371		4
16	Washer 10 GOST6958		1
17	Nut M8 GOST5915		3
18	Screw 4x40 GOST1145		4
19	Screw 6.0x60 SPAX T-STAR plus with press washer (univers.)		11

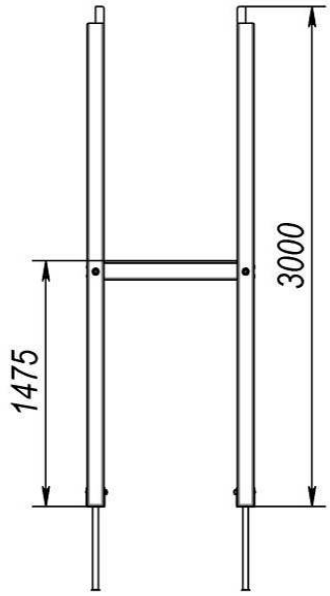




Pos.	Name	Weight, kg	Q-ty
1	Double corner site (1x1.9)	31	1
2	Beam support	2	5
3	Beam 1.6m (mortise 0.7m)	9	1
4	Beam 2.5m (mortise 0.7)	14	2
5	Beam 2.5m (mortise 0.7)		2
6	Cap M8		10
7	Cup M8		10
8	Bolt M8*120 GOST7802		5
9	Bolt M8*130 GOST7802		5
10	Nut M8 GOST5915		10
11	Washer 10 GOST6958		9
12	Washer 10 GOST11371		10

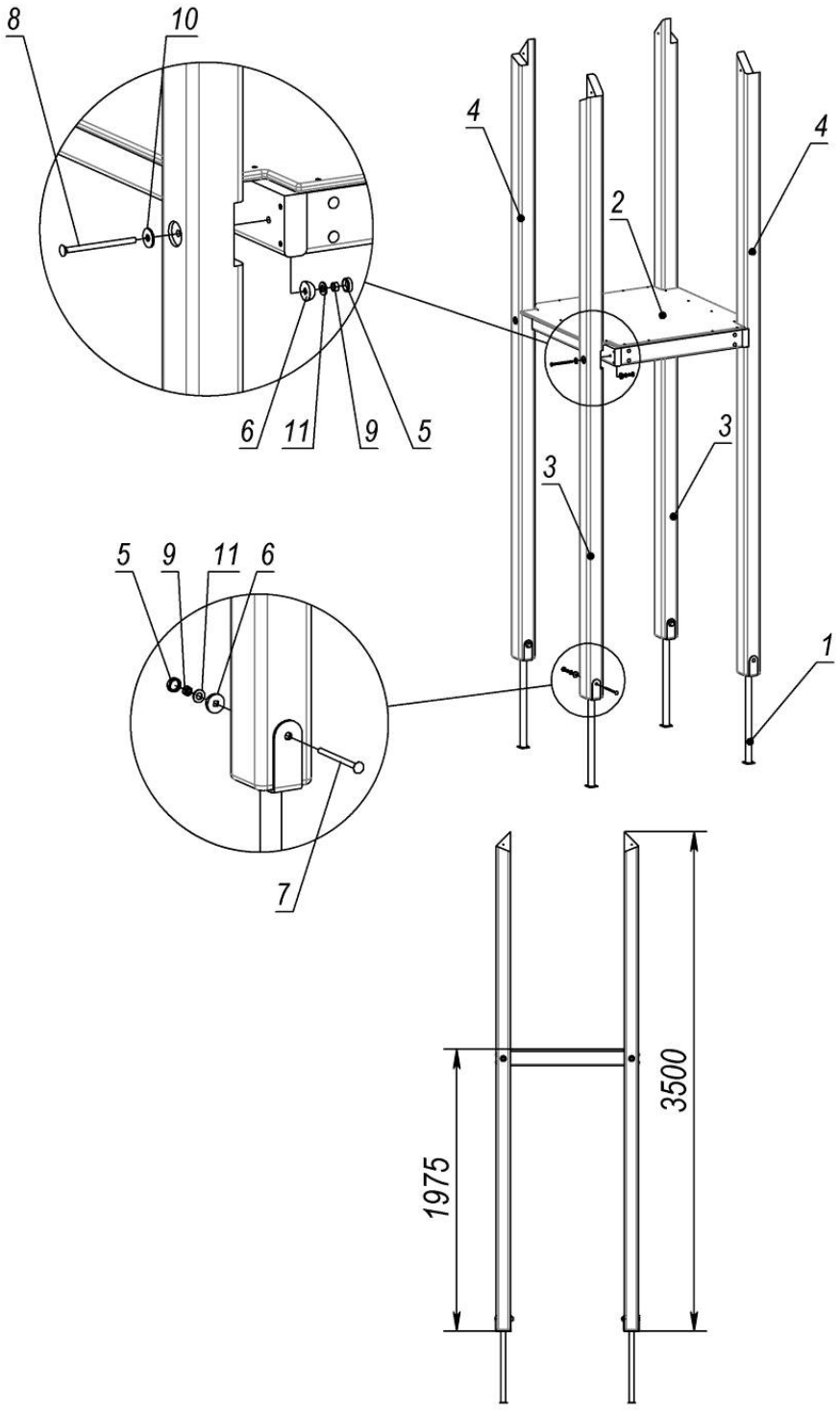
Picture 17 – Double tower 0,7m





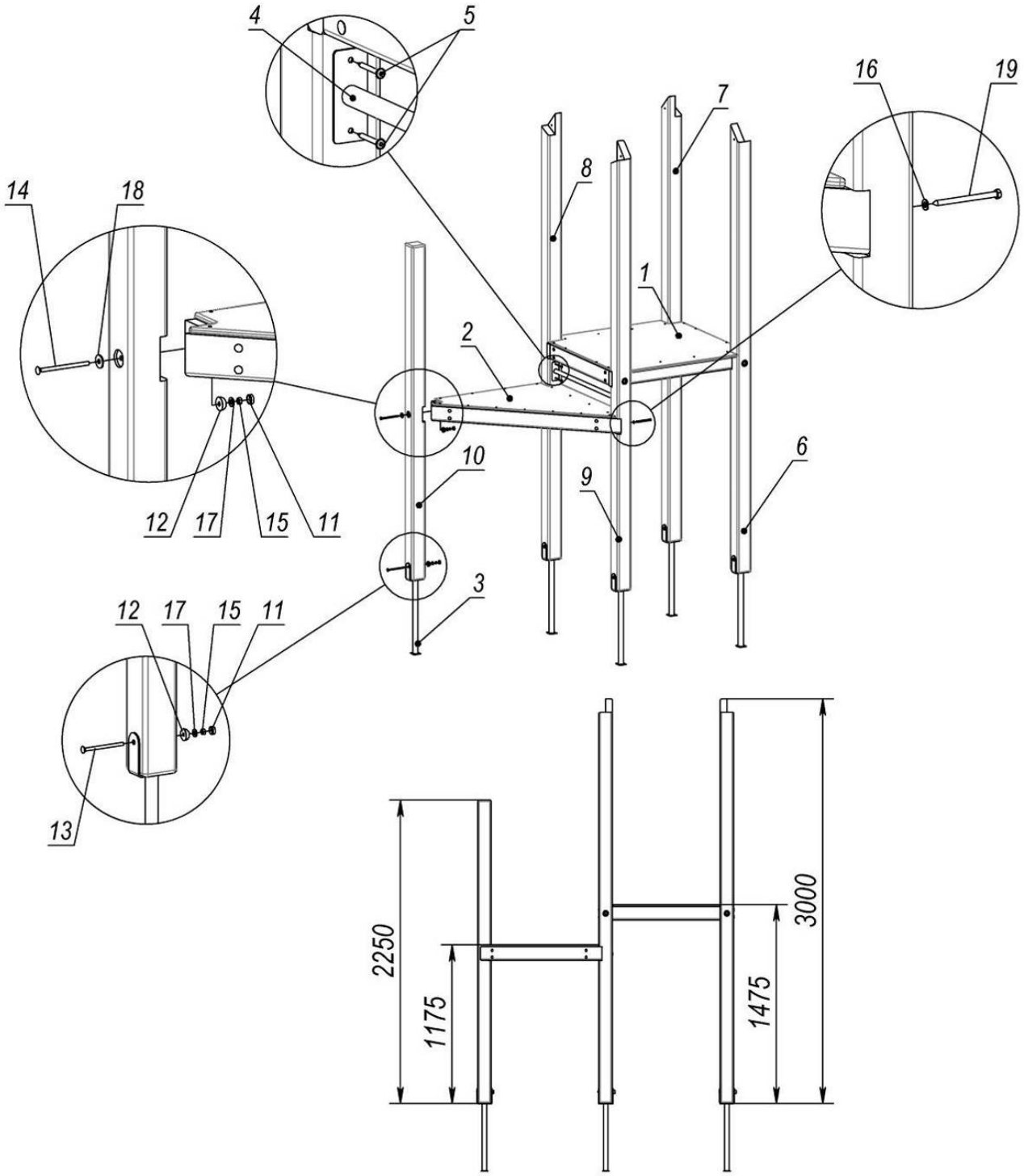
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site 1x1 m	19	1
3	Beam 3m (mortise 1.5m)	17	2
4	Beam 3m (mortise 1.5m)	17	2
5	Cap M8		8
6	Cup M8		8
7	Bolt M8*120 GOST7802		4
8	Bolt M8*130 GOST7802		4
9	Nut M8 GOST5915		8
10	Washer 10 GOST11371		8
11	Washer 10 GOST6958		6

Picture 18 – Tower 1,5m



Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	4
2	Site 1x1 m (standard)	19	1
3	Beam 3m (mortise 2m)	20	2
4	Beam 3m (mortise 2m)	20	2
5	Cap M8		8
6	Cup M8		8
7	Bolt M8*120 GOST7802		4
8	Bolt M8*130 GOST7802		4
9	Nut M8 GOST5915		8
10	Washer 10 GOST6958		4
11	Washer 10 GOST11371		8

Picture 19 – Tower 2m 1x1

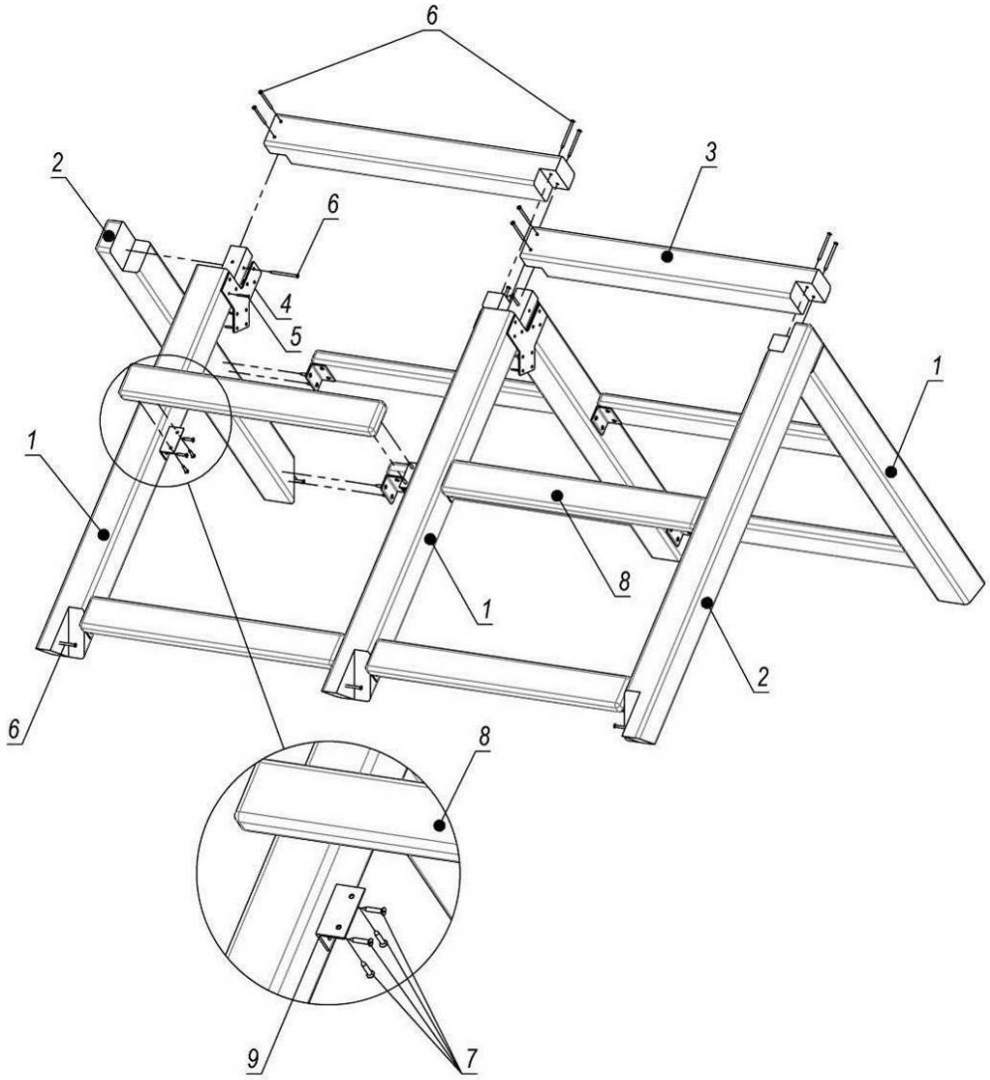


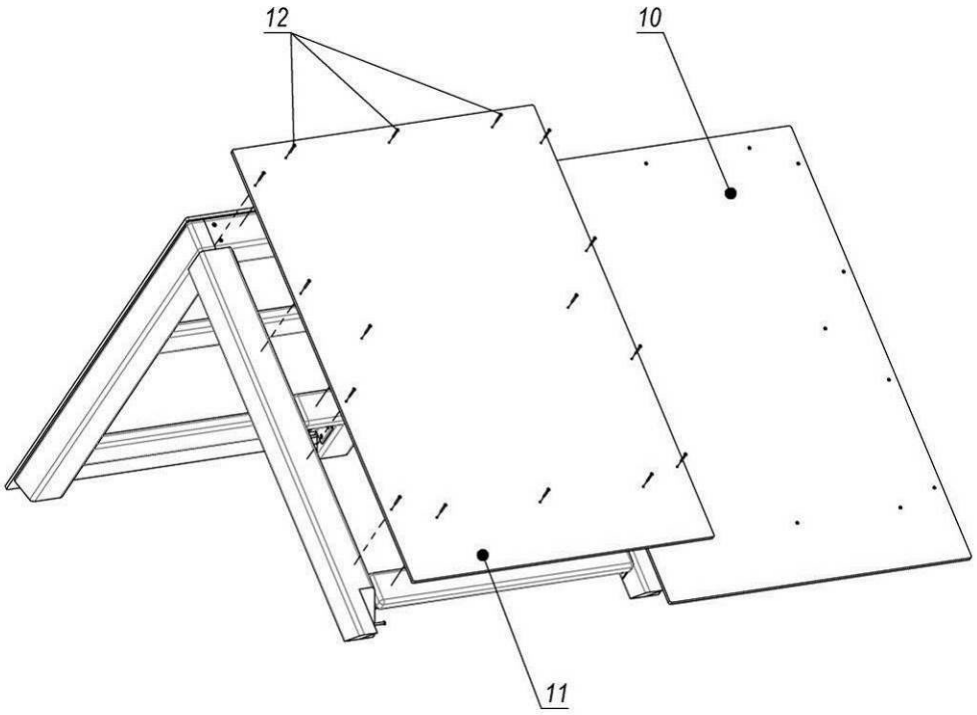
Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m (standard)	19	1
2	3-sided site	14	1
3	Beam support	2	5
4	Brace rod 0.8m (Misto)	1	1
5	Screw 6.0x60 SPAX T-STAR plus (univers.)		4
6	Beam 3m (mortise 1.5m)	17	1
7	Beam 3m (mortise 1.5m)	17	1
8	Beam 3m (mortise 1.5-1.2m)	17	1
9	Beam 3m (mortise 1.5-1.2m)	17	1
10	Beam 2.25m	13	1

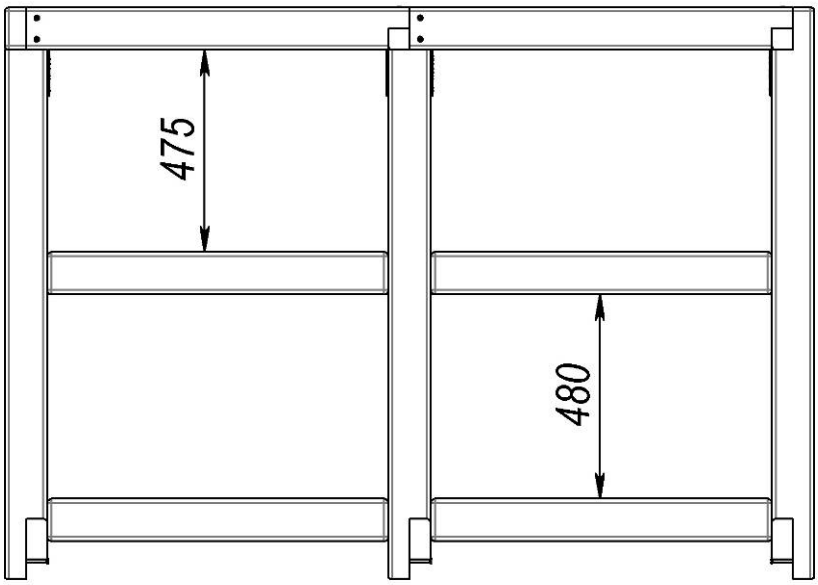
Pos.	Name	Weight, kg	Q-ty
11	Cap M8		11
12	Cup M8		11
13	Bolt M8*120 GOST7802		5
14	Bolt M8*130 GOST7802		6
15	Nut M8 GOST5915		11
16	Washer 8 GOST11371		1
17	Washer 10 GOST11371		11
18	Washer 10 GOST6958		6
19	Screw 8x110 GOST11473		1

Picture 20 – Double corner tower (1,5-1,2m)

Assembly scheme of roof for multi-level tower

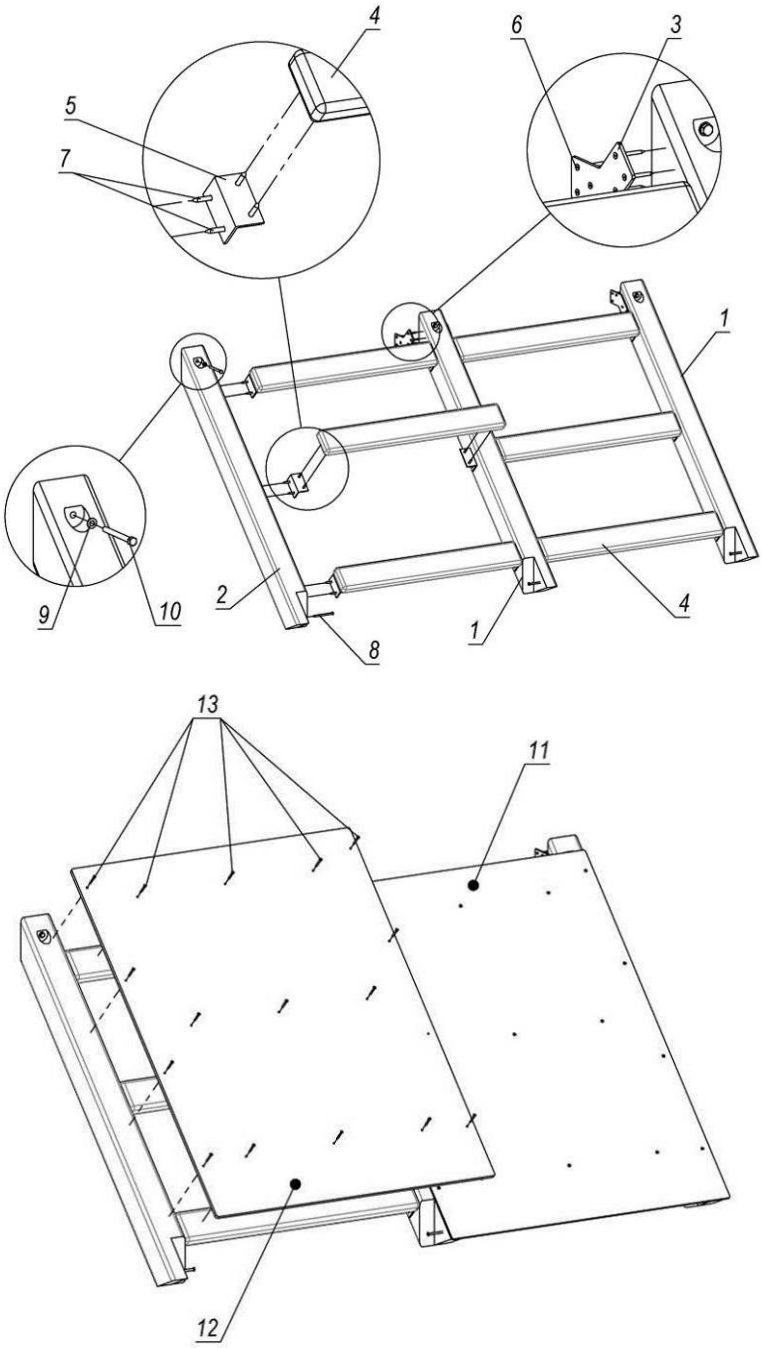






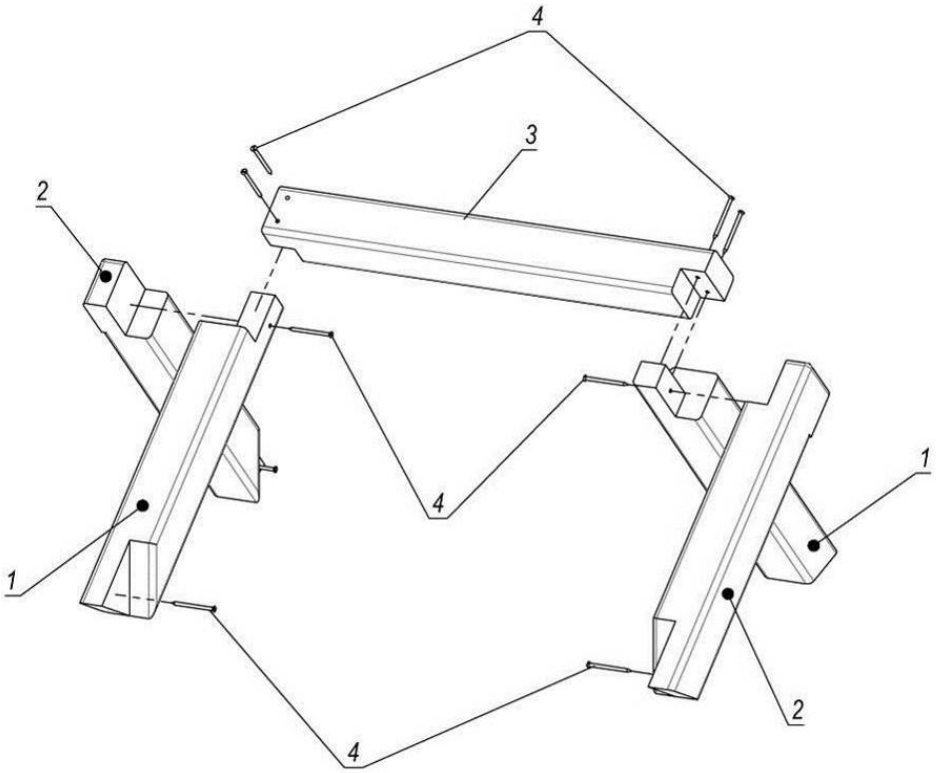
Pos.	Name	Weight, kg	Q-ty
1	Rear pediment	7	4
2	Front pediment	7	2
3	Ridge (100x100x900)	5	2
4	Two-sided angle bar		4
5	Screw 4x40 GOST1145		40
6	Screw 6x90 GOST1145		18
7	Screw 6x35 GOST1145		64
8	Support	2	8
9	Angle bar 80mm		16
10	Roof slope (950x1400)	14	2
11	Roof slope (950x1400)	14	2
12	Screw 4x40 GOST1144		64

Picture 21 – Assembly scheme of big roof

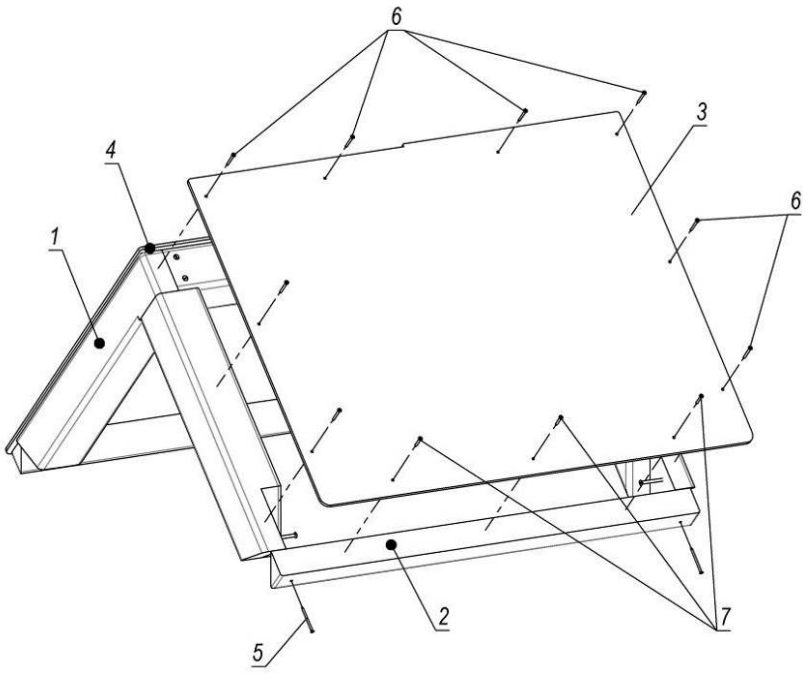


Pos.	Name	Weight, kg	Q-ty
1	Right pediment	7	2
2	Left pediment	7	1
3	Two-sided angle bar		4
4	Support	2	6
5	Angle bar 80 mm		12
6	Screw 4x40 GOST1145		24
7	Screw 6x35 GOST1145		48
8	Screw 6x90 GOST1145		3
9	Washer 8 GOST11371		3
10	Screw 8x90 GOST11473		3
11	Roof slope (950x1220)	7	1
12	Roof slope (950x1220)	13	1
13	Screw 4x40 GOST1144		34

Picture 22 – Roof assembly scheme

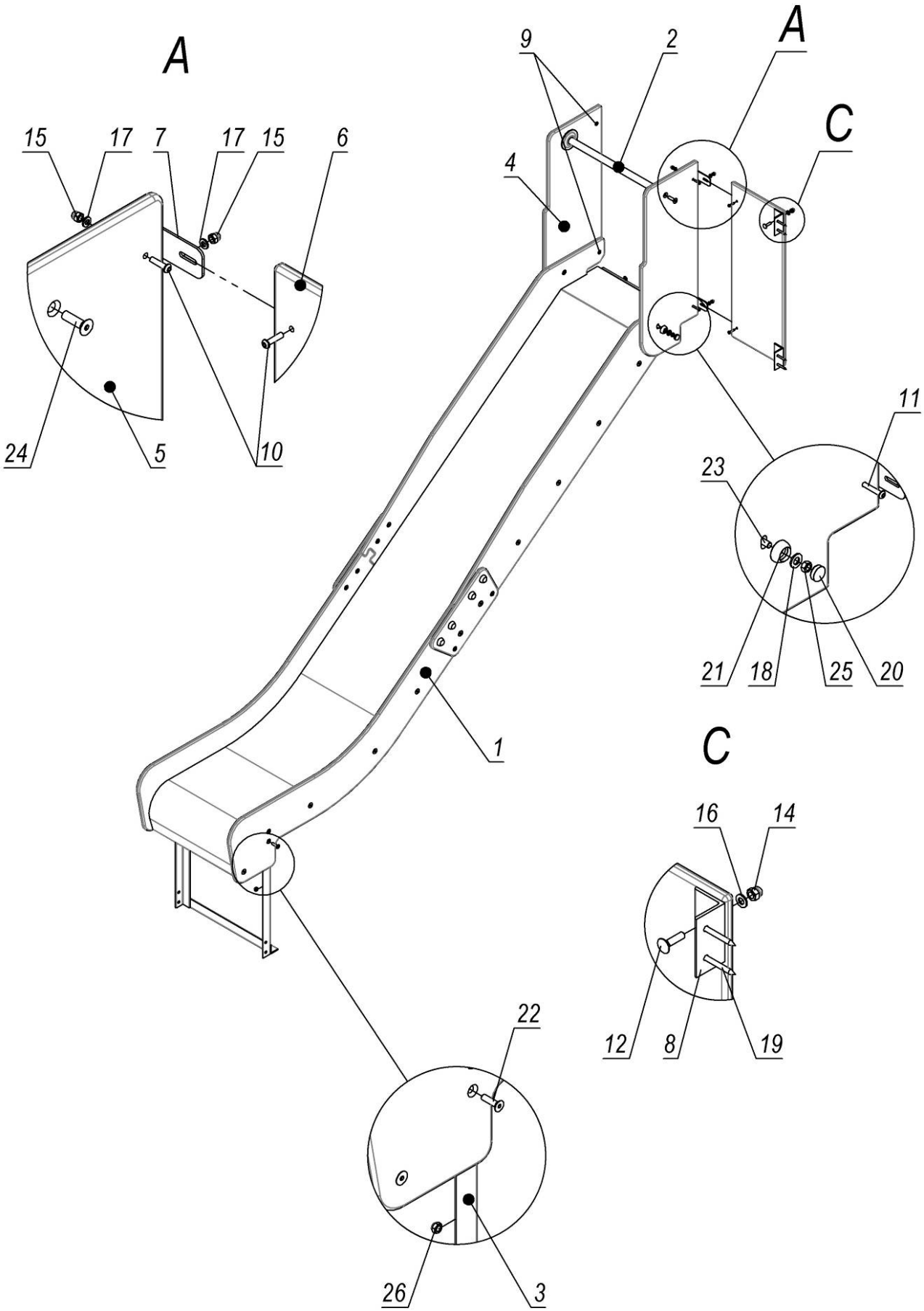


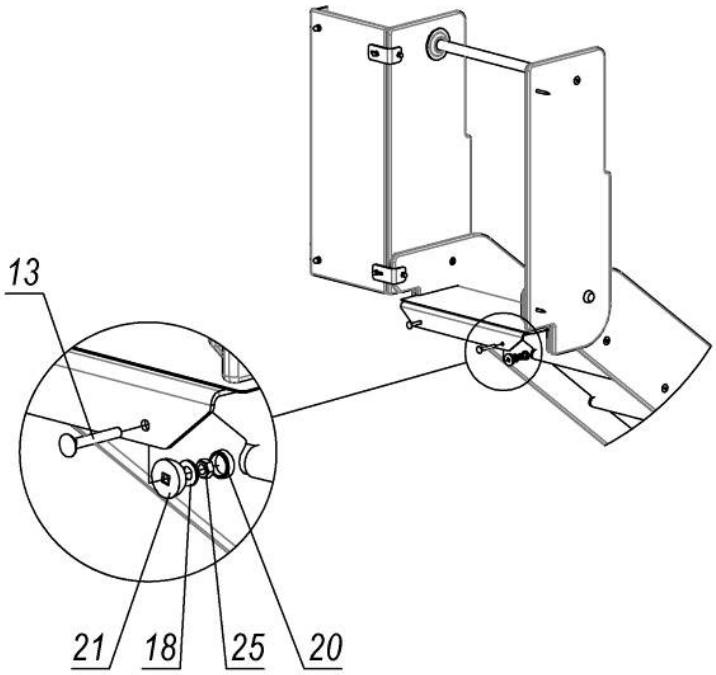
Pos.	Name	Weight, kg	Q-ty
1	Rear pediment		2
2	Front pediment		2
3	Ridge (100x100x900)	5	1
4	Screw 6x90 GOST1145		10



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 GOST1145		4
6	Screw 4x40 GOST1144		16
7	Screw 4x30 GOST1144		6

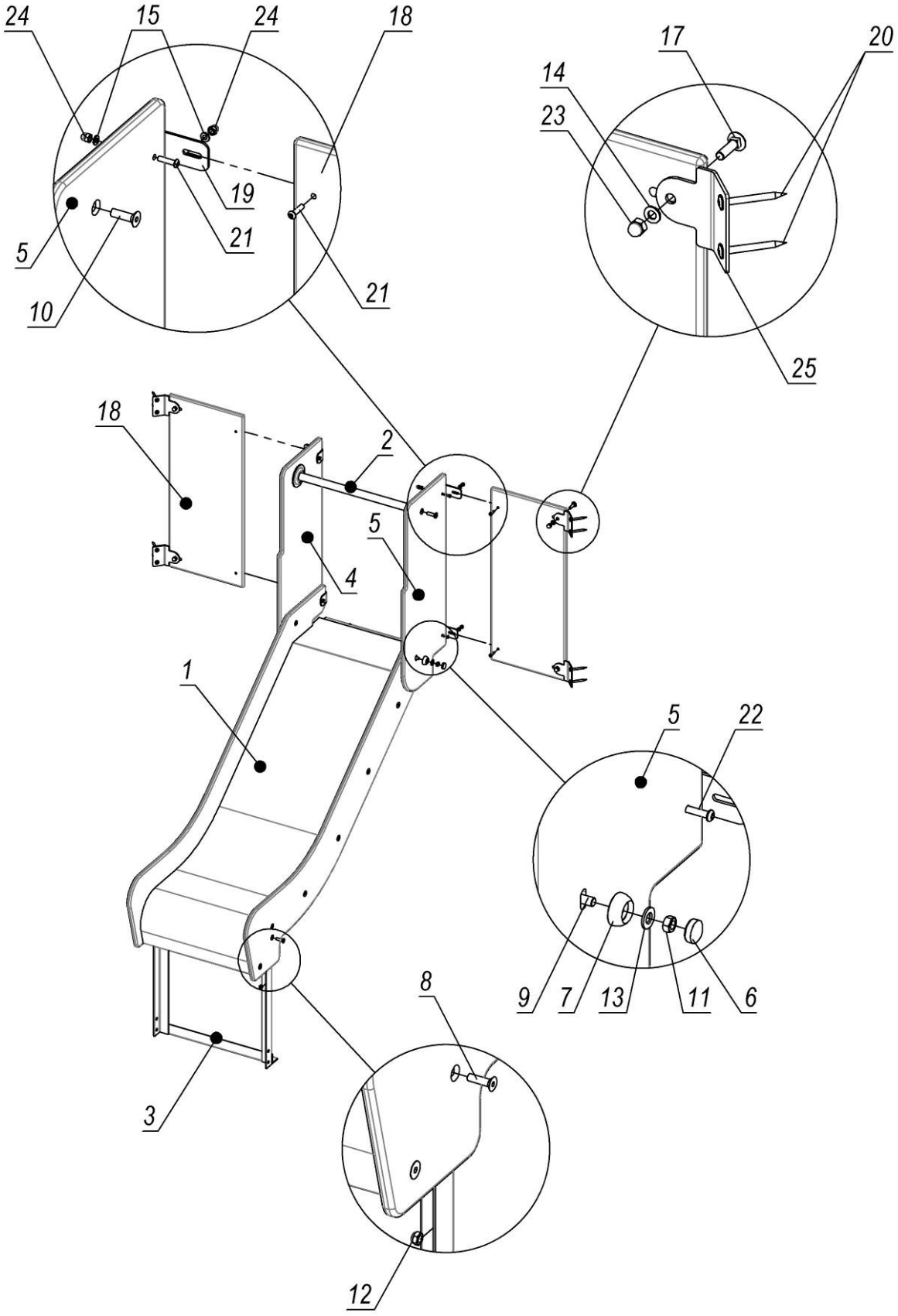
Picture 23 – Assembly scheme of small roof

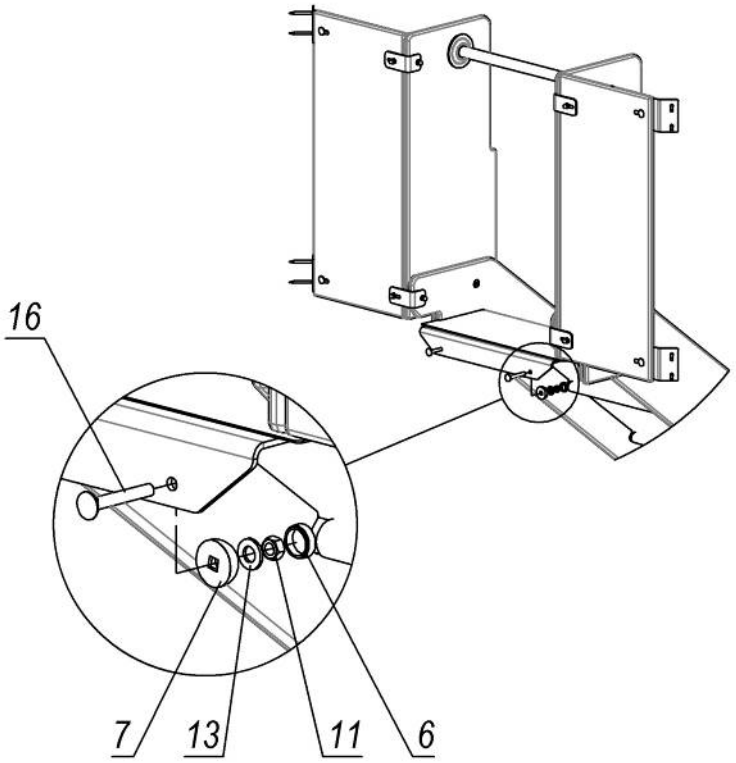

A
15
17
7
17
15
6
24
5
10
A
9
2
C
4
11
23
21
18
25
20
1
C
16
14
12
8
19
22
26
3



Pos.	Name	Weight, kg	Q-ty
1	Slide 1.5m (Big city) – 38 degrees	45	1
2	Brace rod 493mm	1	1
3	Slide embedded element (angle)	5	1
4	Upper right sidewall	3	1
5	Upper left sidewall	3	1
6	Partition (275x705)	3	1
7	Slide angle bar		2
8	Big angle bar		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 GOST7802		2
13	Bolt M8*55 GOST7802		2
14	Cap nut M8 DIN1587		2
15	Cap nut M6 DIN1587		4
16	Washer 8 GOST11371		2
17	Washer 6 GOST11371		4
18	Washer 10 GOST11371		4
19	Screw 6x50 GOST1145		4
20	Cap M8		4
21	Cup M8		4
22	Stud M8x30 DIN7991		4
23	Stud M8x40 DIN7991		2
24	Stud M10x35 DIN7991		2
25	Nut M8 GOST5915		4
26	Nut M8 DIN985		4

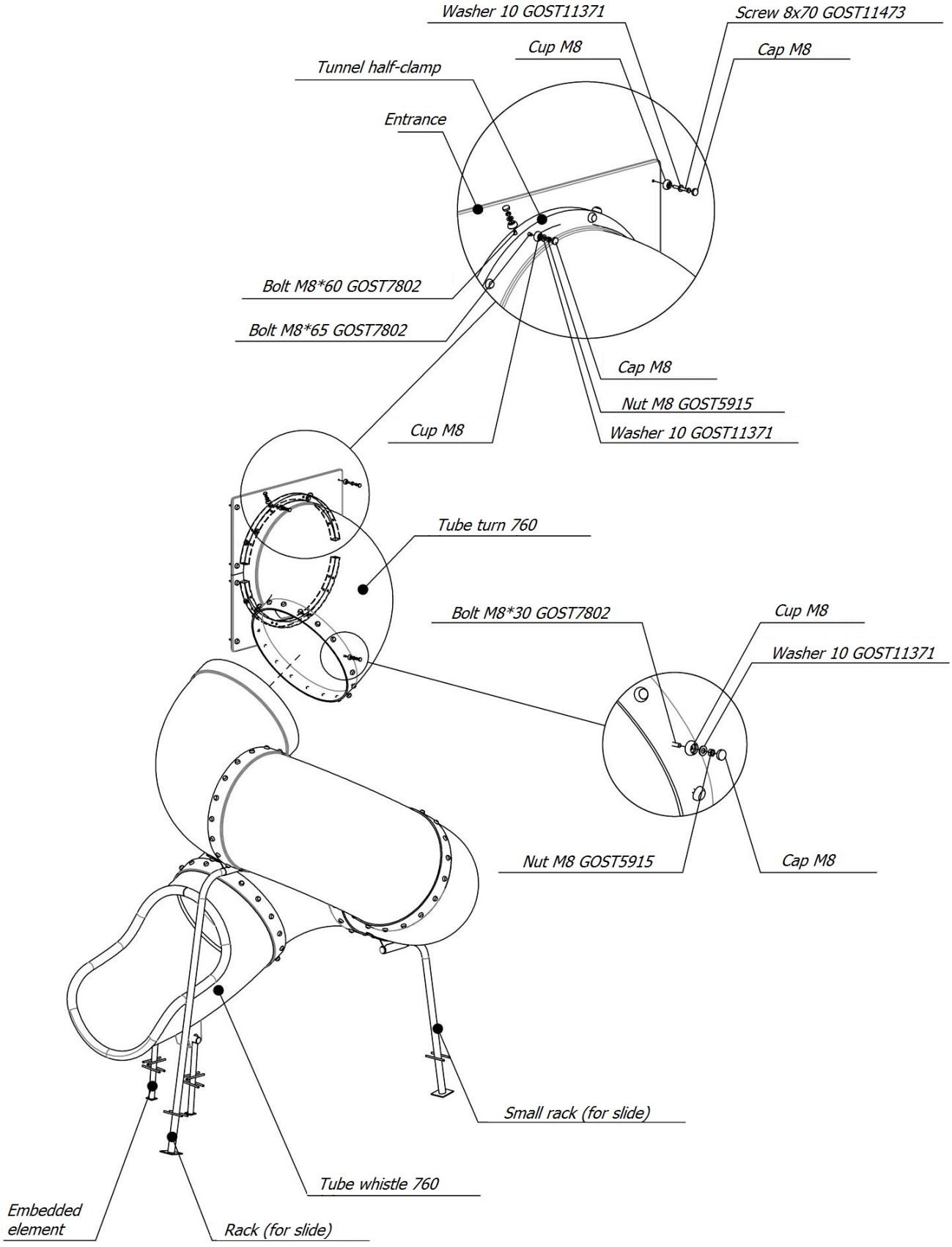
Picture 24 – Assembly scheme of slide 1,5m


24
15
24
18
19
21
5
10
21
17
20
14
23
25
18
2
5
4
1
5
22
9
7
13
11
6
8
3
12

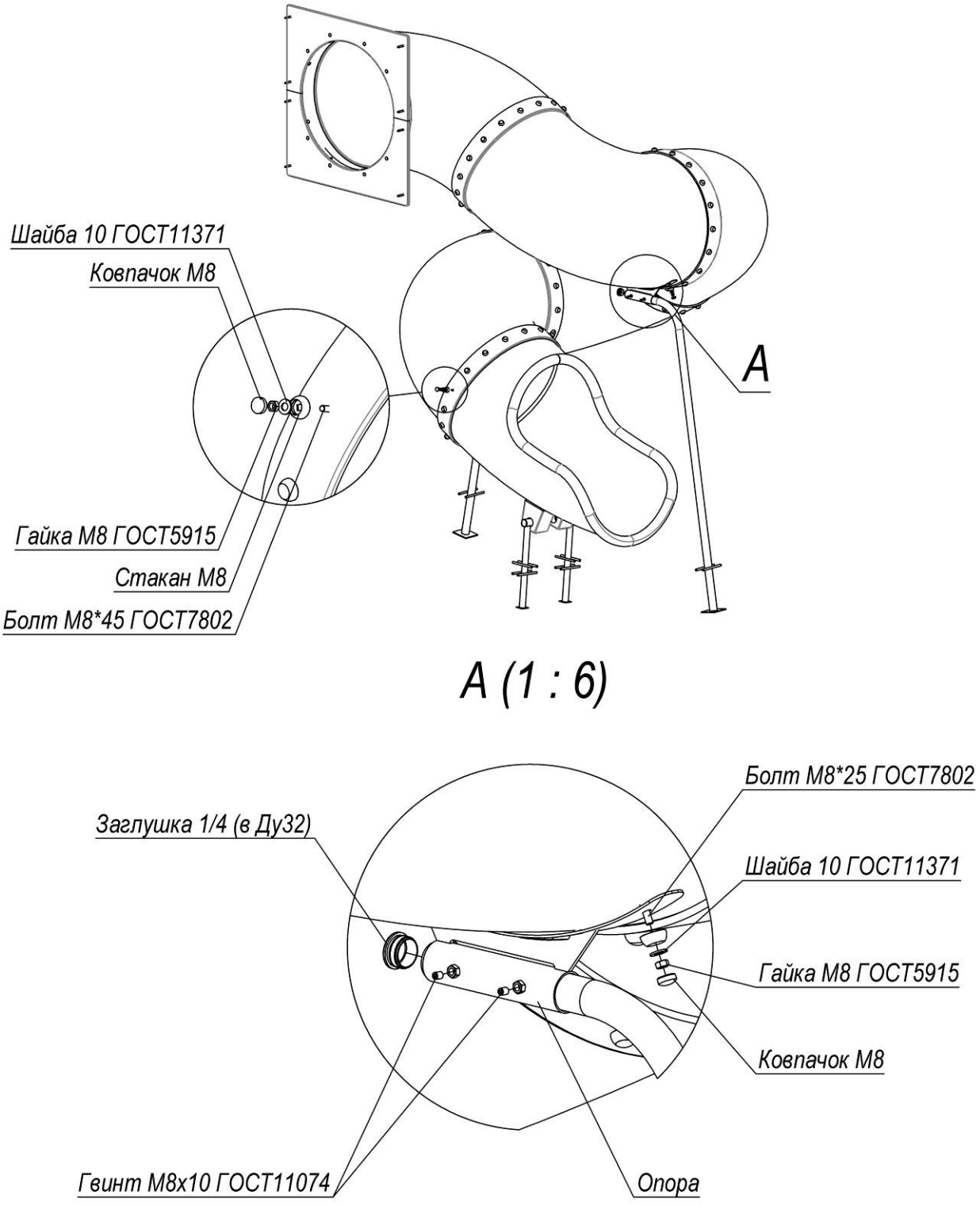


Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7m – 38 degrees	24	1
2	Brace rod 493 mm	1	1
3	Slide embedded element (angle)	5	1
4	Upper right sidewall	3	1
5	Upper left sidewall	3	1
6	Cap M8		4
7	Cup M8		4
8	Stud M8x30 DIN7991		4
9	Stud M8x40 DIN7991		2
10	Stud M10x35 DIN7991		2
11	Nut M8 GOST5915		4
12	Nut M8 DIN985		4
13	Washer 10 GOST11371		4
14	Washer 8 GOST11371		2
15	Washer 6 GOST11371		10
16	Bolt M8*55 GOST7802		2
17	Bolt M8*30 GOST7802		4
18	Partition (306x705)	3	2
19	Slide angle bar		4
20	Screw 6.0x60 SPAX T-STAR plus (univers.)		8
21	Stud M6x25 ISO7380		6
22	Stud M6x40 ISO7380		2
23	Cap nut M8 DIN1587		4
24	Cap nut M6 DIN1587		8
25	Angle bar 135 degrees		4

Picture 25 – Assembly scheme of slide 0,7m



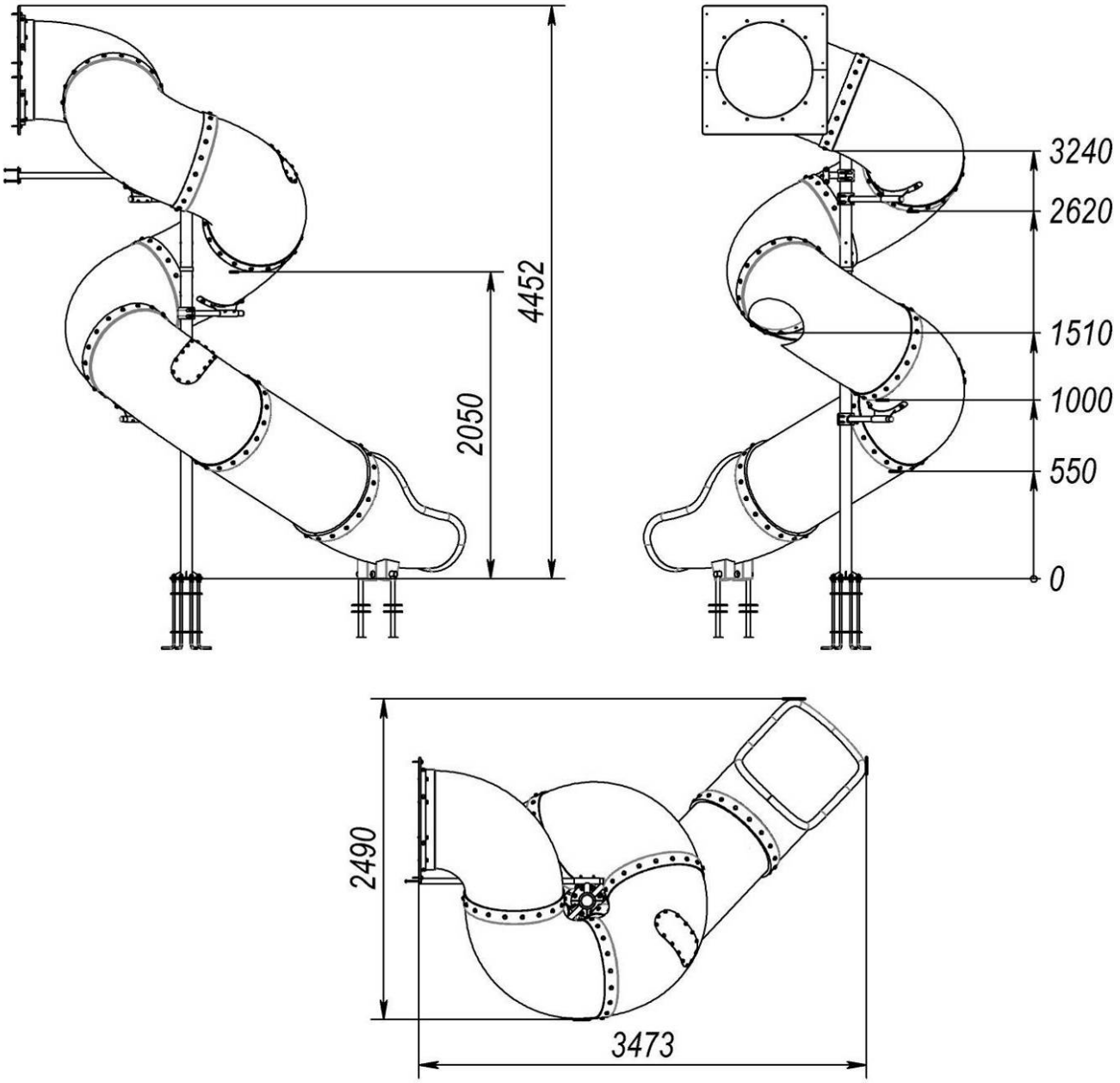
Picture 26 – Assembly scheme of slide 2m. (Additionally assembly scheme is in the Appendix)



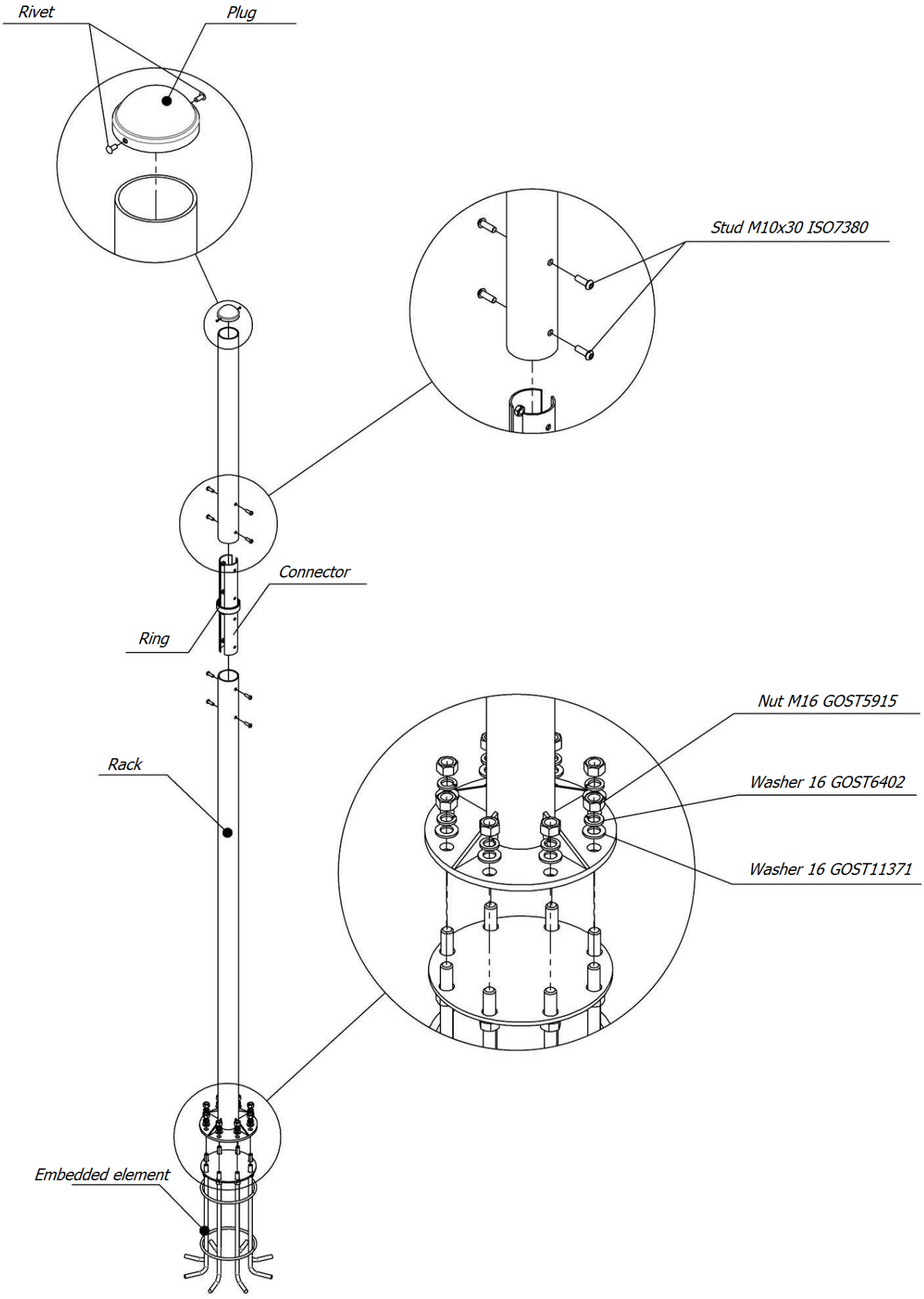
Picture 26.1 – Assembly scheme of slide 2m. (Additionally assembly scheme is in the Appendix)

Assembly scheme of spiral slide 3,5m

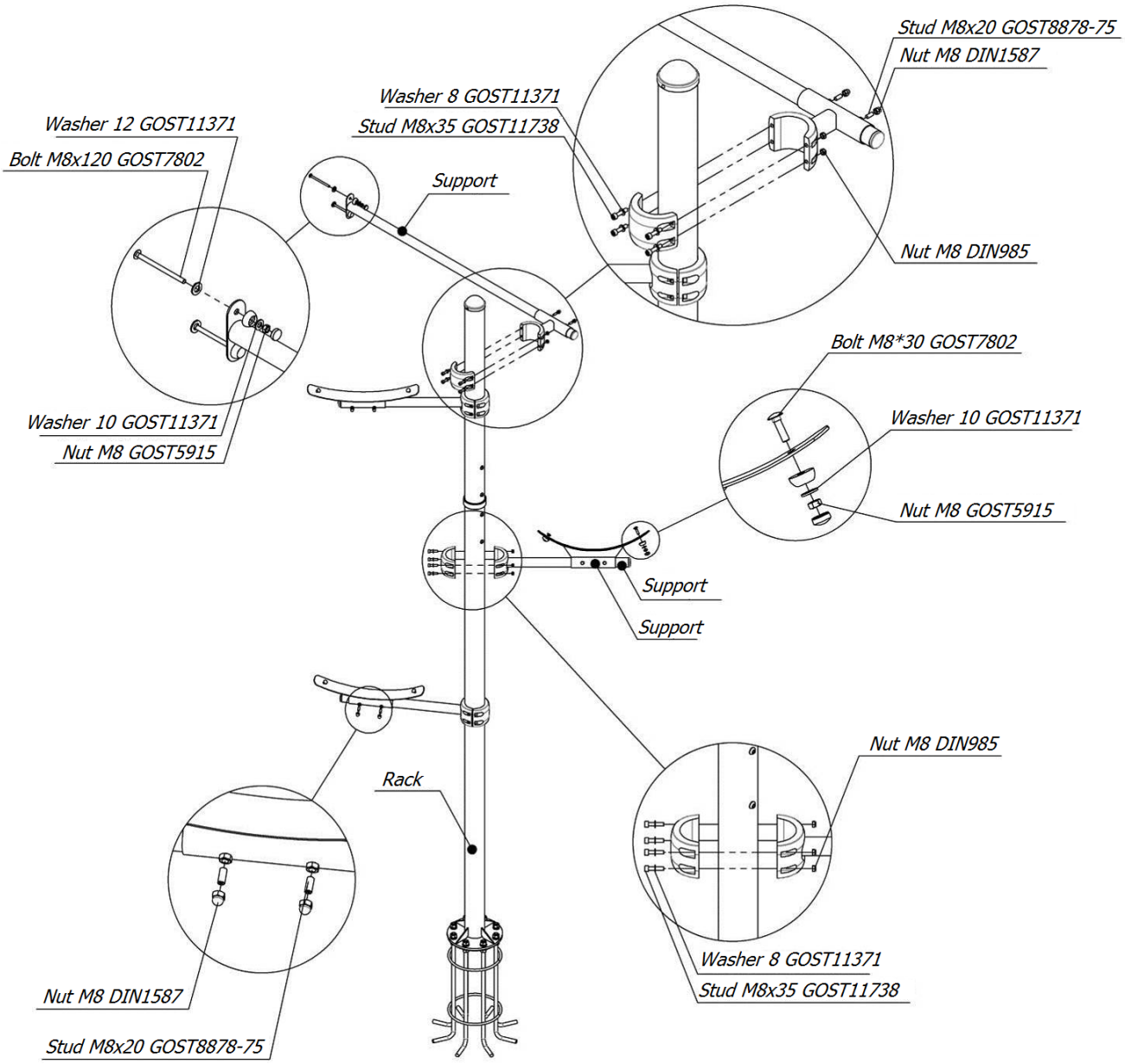
(Assemble the tubes slides from top to bottom)



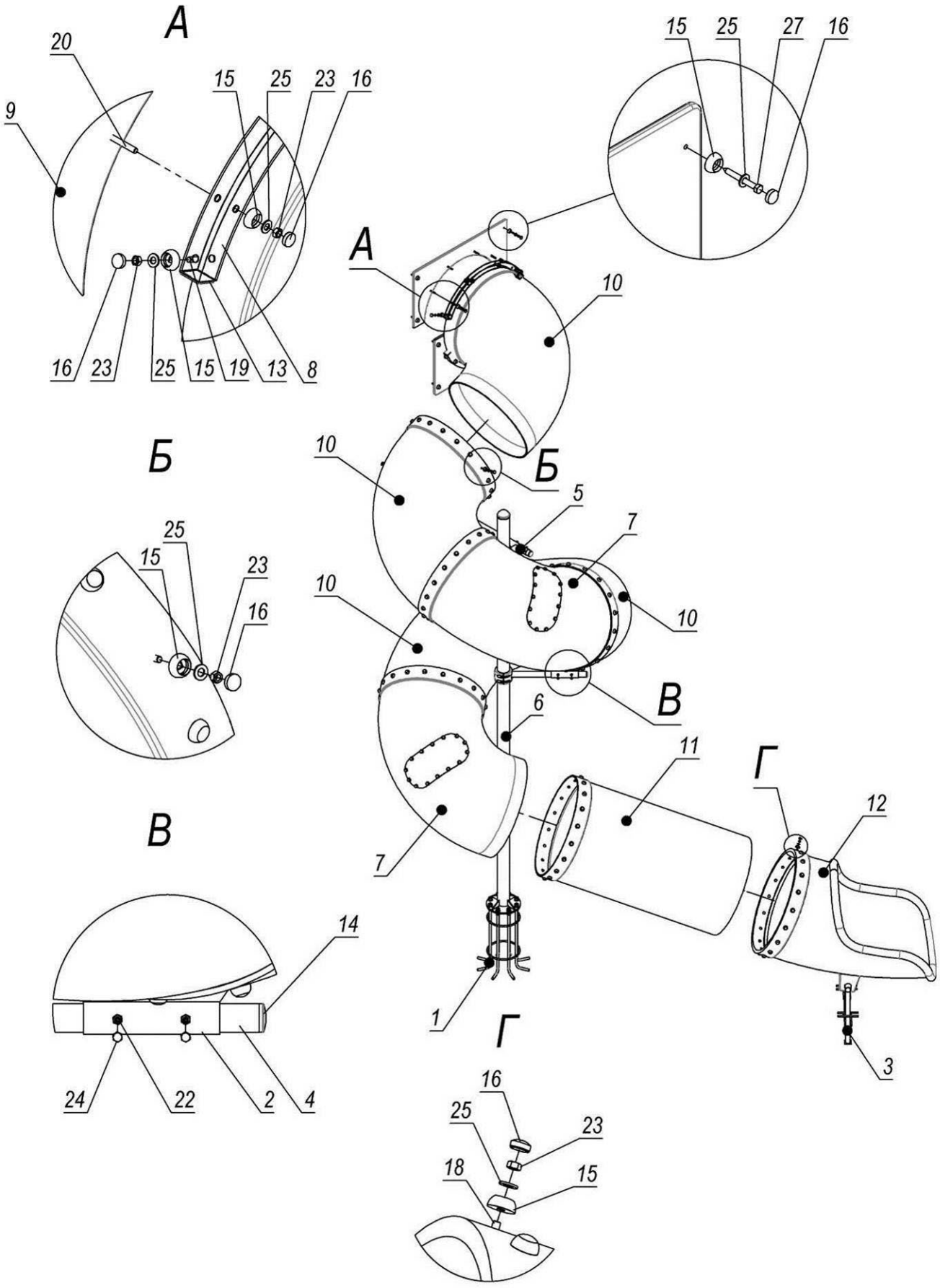
Picture 27 – Overall dimensions



Picture 28 – Rack assembly scheme



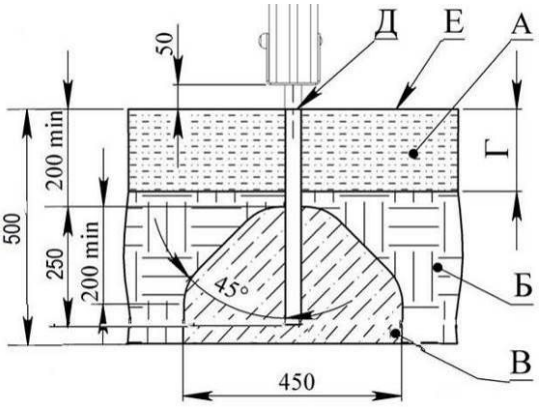
Picture 29 – Assembly scheme of supports



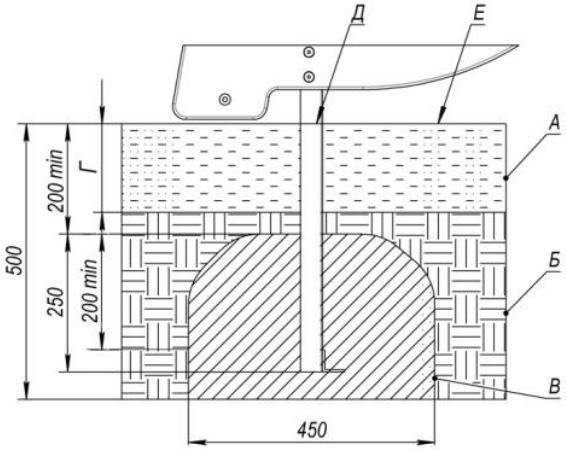
Picture 30 – Connecting scheme of tubes

Table 3 – Completeness of spiral slide

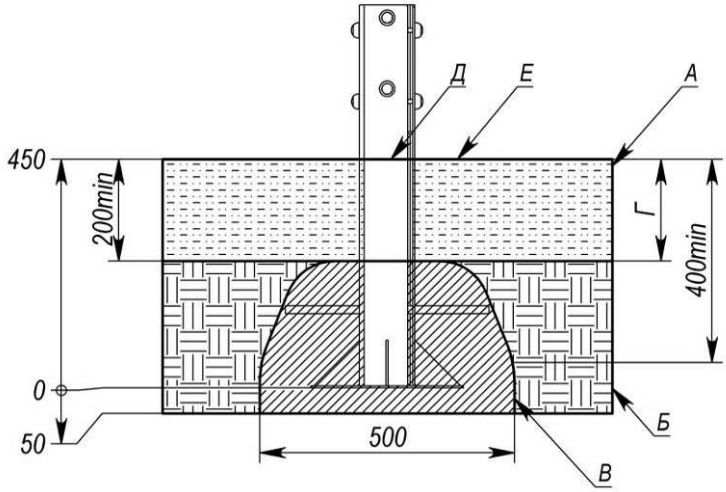
Pos.	Name	Weight, kg	Q-ty
1	Foundation (8 anchors assembly)	12	1
2	Support	1	3
3	Embedded element (slide-tube)	2	2
4	Support assembly	6	3
5	Support assembly	9	1
6	Rack 4.0m	36	1
7	Section with window assembly	23	2
8	Tunnel half-clamp	2	2
9	Entrance	4	2
10	Tube turn 760		4
11	Tube straight 760	30	1
12	Tube whistle 760	49	1
13	Plug 40x60		4
14	Plug DN32R		4
15	Cup M8		158
16	Cap M8		158
17	Bolt M8*30 GOST7802		114
18	Bolt M8*45 GOST7802		18
19	Bolt M8*60 GOST7802		12
20	Bolt M8*65 GOST7802		8
21	Bolt M8*120 GOST7802		2
22	Stud 8x20 GOST8878-93		6
23	Nut M8 GOST5915		150
24	Cap nut M8 DIN1587		6
25	Washer 10 GOST11371		158
26	Washer 12 GOST11371		2
27	Screw 8x70 GOST11473		8



For beams supports and other elements



for slides of the complex



For supports of big tower

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

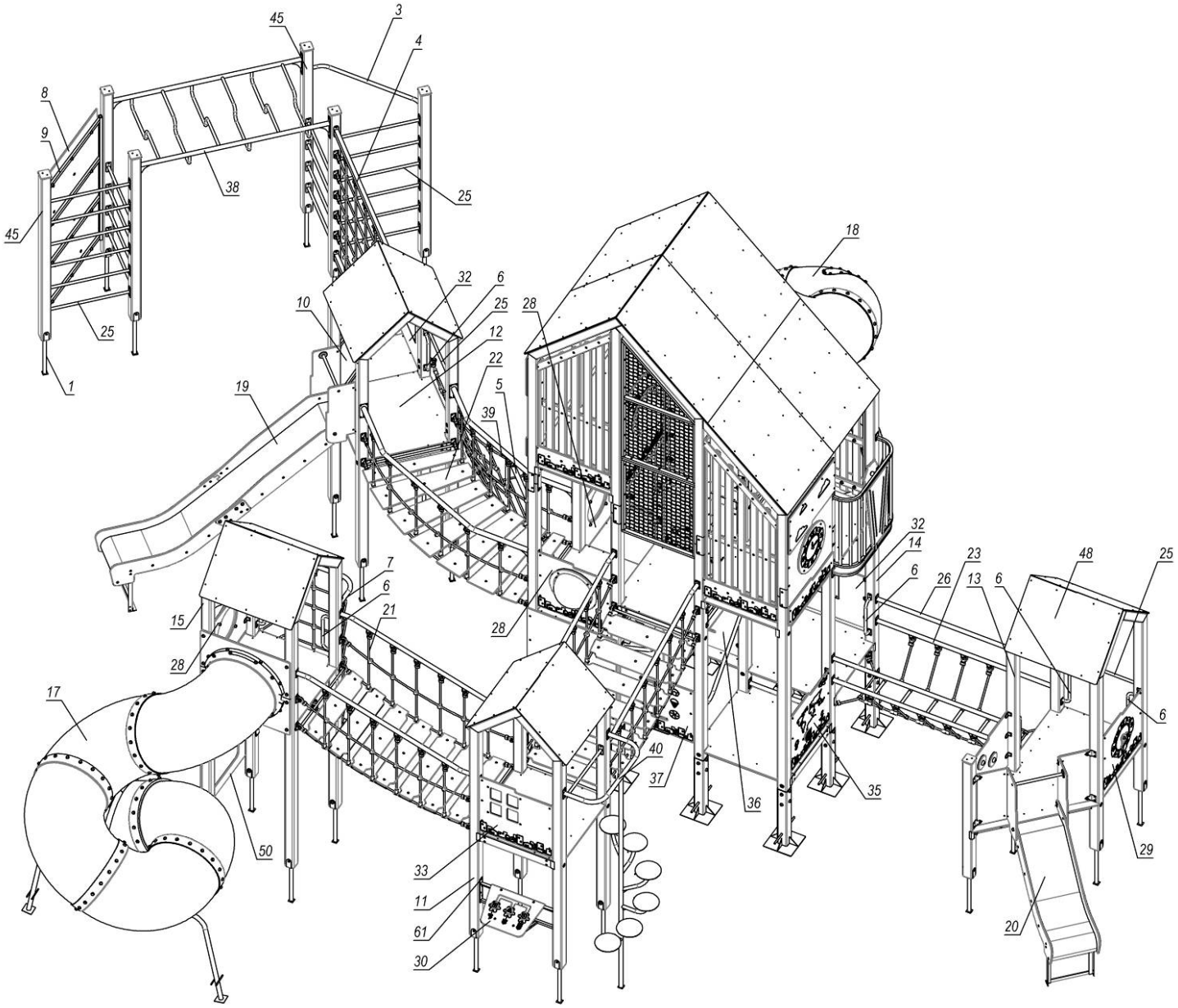
Examples of impact-absorbing coatings

Material[1]	**Description**	**Minimal depth, mm**	**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
Another material	HIC tested according to EN1177	According to the test	According to the test

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

Picture 31 – Concreting scheme

Appendix



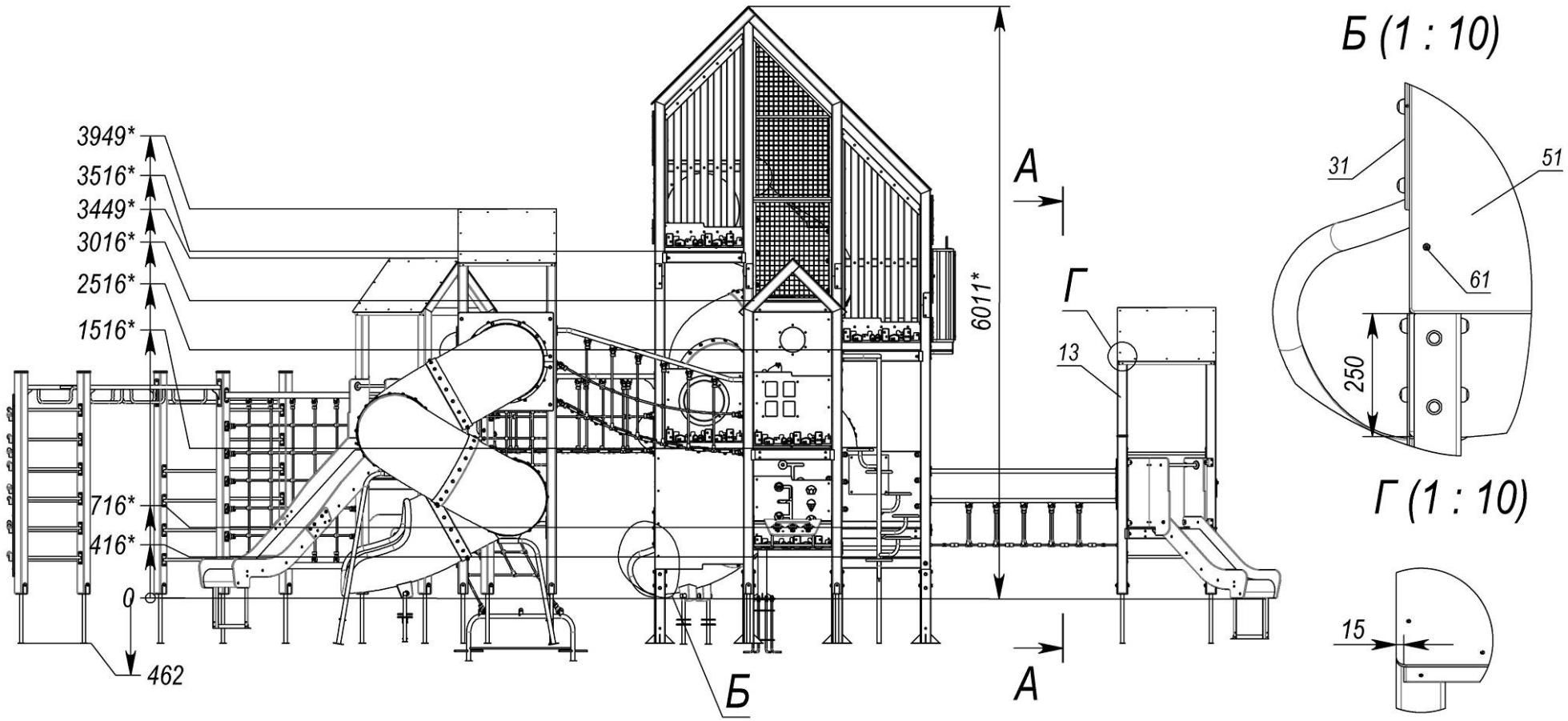
1. Not mentioned fastenings of elements to the complex - using pos. 61
2. Not mentioned fastenings of panels to the complex - similar to type A-A.

Picture 32

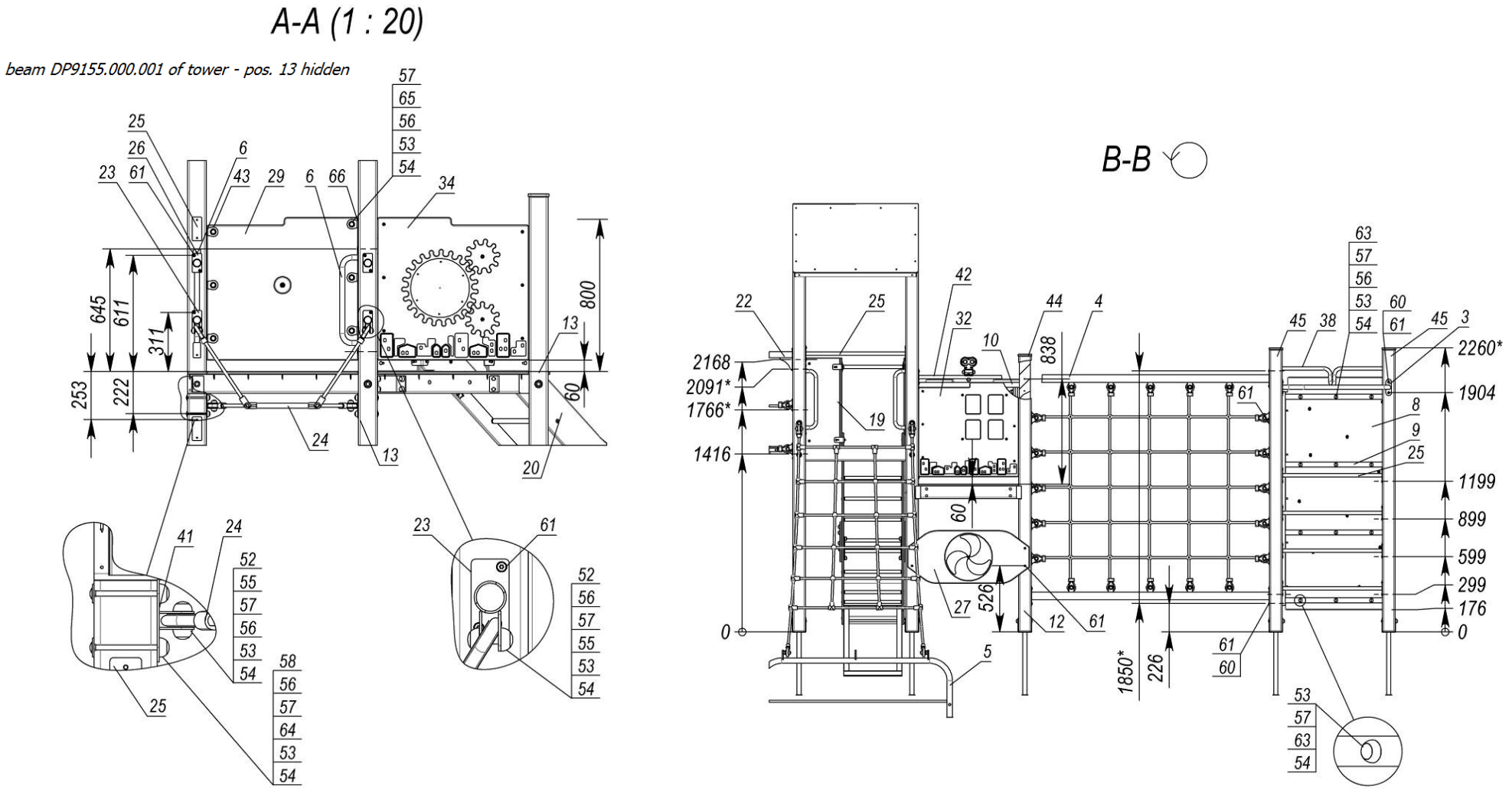
Pos.	Name	Weight, kg	Q-ty
1	Beam support	2	6
2	Rope bracket		2
3	Corner crossbar	3	1
4	Rope mesh (1.9x1.9)	26	1
5	Rope ascent embedded element	10	1
6	Handle		8
7	Vertical rope mesh	24	1
8	Climber's board (2m)	29	1
9	Climber's frame	15	1
10	Corner fencing (plastic)	20	1
11	Tower 1.5m	94	1
12	Double corner tower (1.5-1.2m)	125	1
13	Double tower 0.7m	105	1
14	Multi-level tower (2x3m)	1237	1
15	Tower 2m 1x1	105	1
16	Roof	19	4
17	Slide Ukrhimplast (2m)	200	1
18	Slide Ukrhimplast (3.5m)	319	1
19	Slide 1.5m assembly	61	1
20	Slide 0.7m assembly	44	1
21	Rope bridge (drop 0.5m)	58	2
22	Rope walkway 1.9m arched	71	1
23	Straight single bridge railings	6	2
24	Rope mesh with crossbars	8	1
25	Brace rod 0.8m	1	24
26	Straight single railings	6	2
27	Panel "Illusion"		1
28	Panel with porthole	10	3
29	Panel "Clock" assembly	8	1
30	Game console (0.8m)	9	1
31	Vertical labyrinth	10	1
32	Panel with windows	8	2
33	Panel with windows	8	1
34	Panel "Gear wheels" (0.75m) assembly	12	1
35	Panel "World map" (0.75m) assembly	8	1

Pos.	Name	Weight, kg	Q-ty
36	Panel "Riddle" (0.75m) assembly	8	1
37	Panel "Sweets" (0.75m) assembly	8	1
38	Monkey bar 1.9m	23	1
39	Rope ladder 1.5m	5	1
40	Spiral ladder 1.5m	30	1
41	Bracket for thimble		4
42	Binoculars assembly	3	1
43	Corner bracket 40x60		84
44	Cap on bar		8
45	Beam 2.25m	13	6
46	Bar 970 mm		8
47	Roof slope (775x1000)	5	4
48	Roof slope (775x1000)	5	4
49	Shield fencing		2
50	Panel "Hole"	6	1
51	Panel for drawing (1x1.25)	13	1
52	Tube d12x1.5 GOST10704, L=22mm		18
53	Cap M8		150
54	Cup M8		150
55	Bolt M8*45 GOST7798		18
56	Nut M8 GOST5915		132
57	Washer 10 GOST11371		144
58	Washer 10 GOST6958		8
59	Washer 12 GOST6958		4
60	Washer 8 GOST11371		22
61	Screw 6.0x60 SPAX T-STAR plus (univers.)		338
62	Screw 8x70 GOST11473		10
63	Bolt M8*50 GOST7802		12
64	Bolt M8*120 GOST7802		18
65	Stud M8x30 ISO7380		84
66	Screw 4x40 GOST1145		184
67	Screw 4x60 GOST1145		16
68	Screw 4x40 GOST1144		64
69	Screw 4x30 GOST1144		24

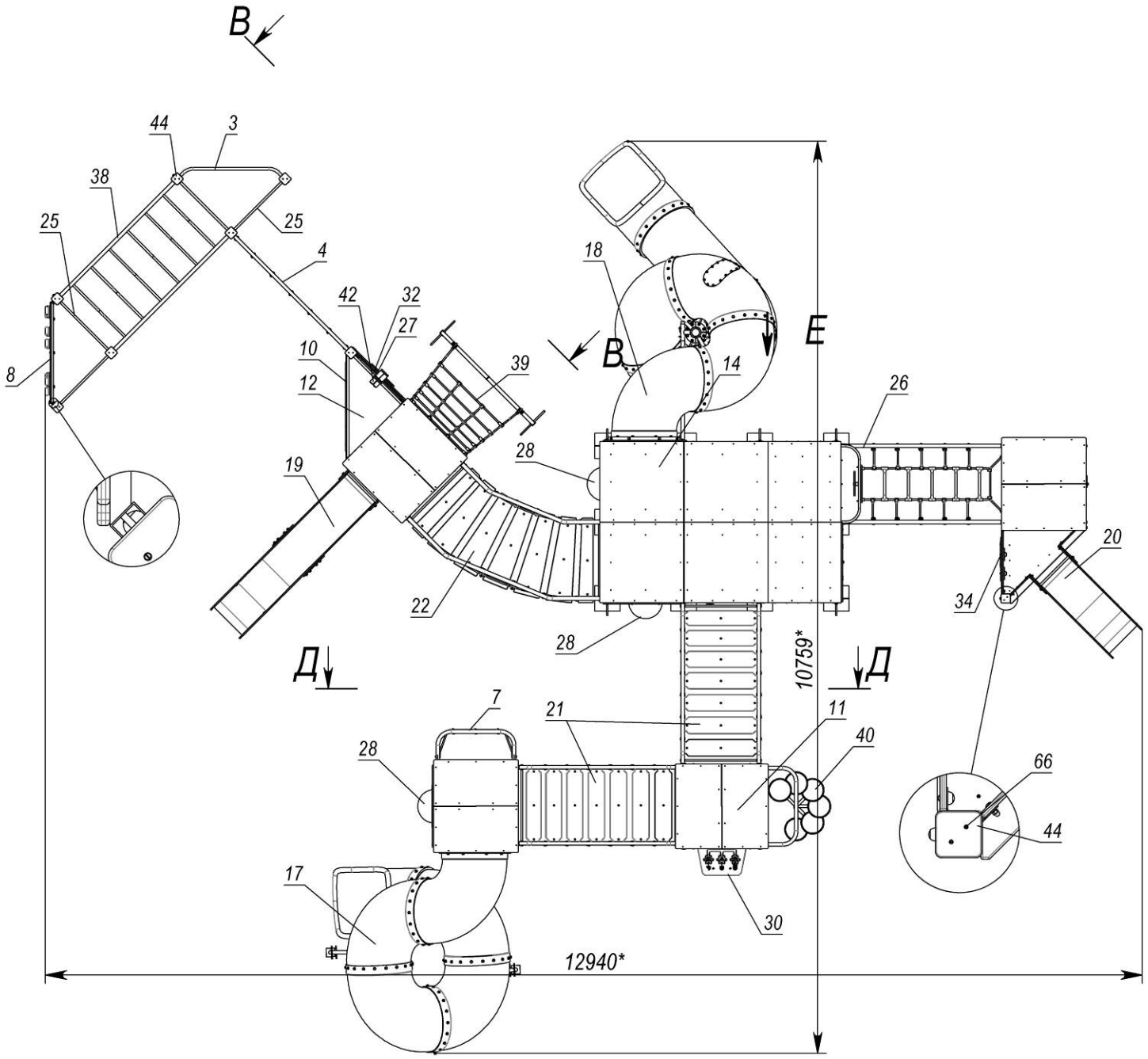
Picture 33


3949*
3516*
3449*
3016*
2516*
1516*
716*
416*
0
462
6011*
А
Г
13
Б
А
Б (1 : 10)
31
51
61
250
Г (1 : 10)
15

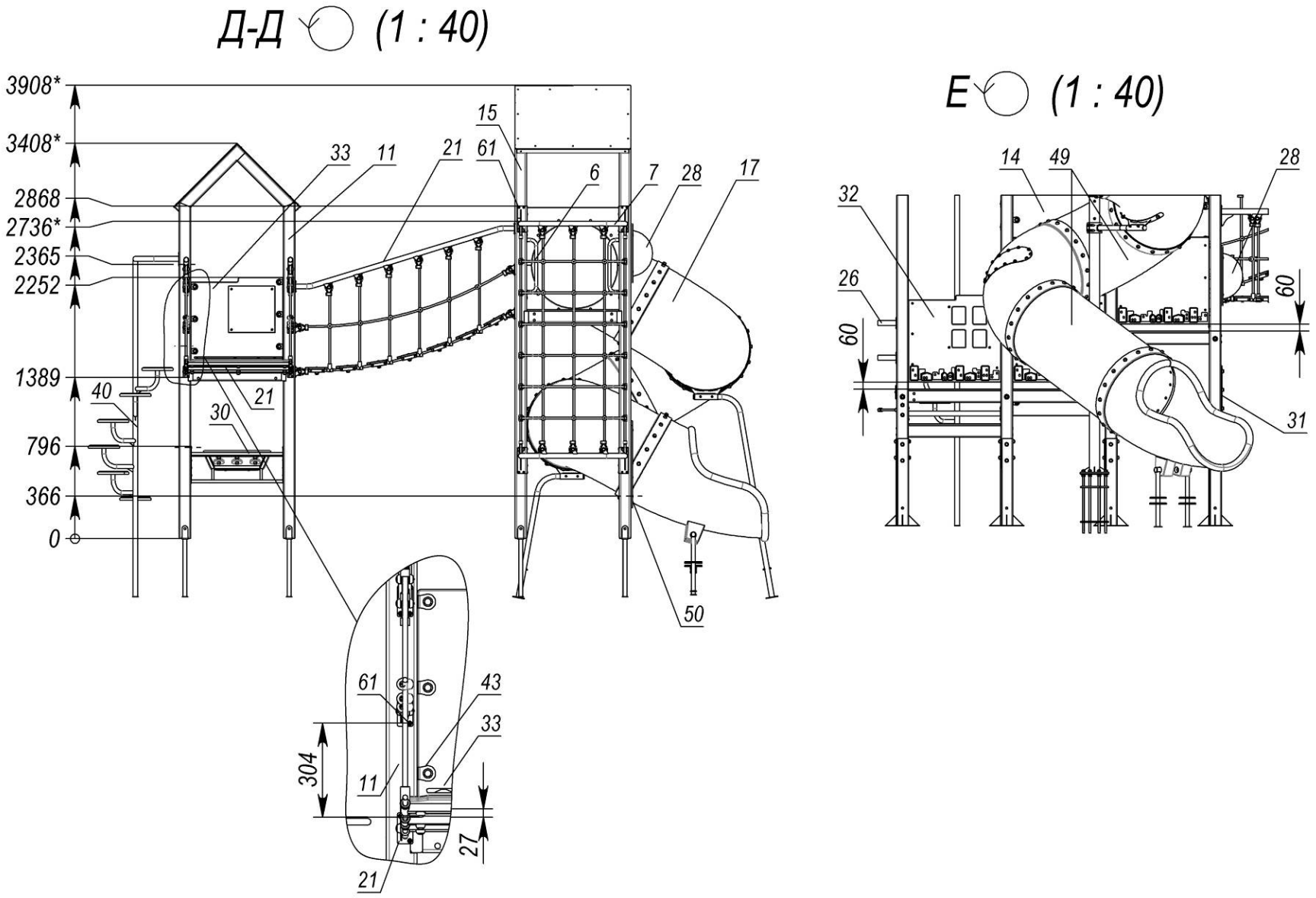
Picture 34



Picture 35

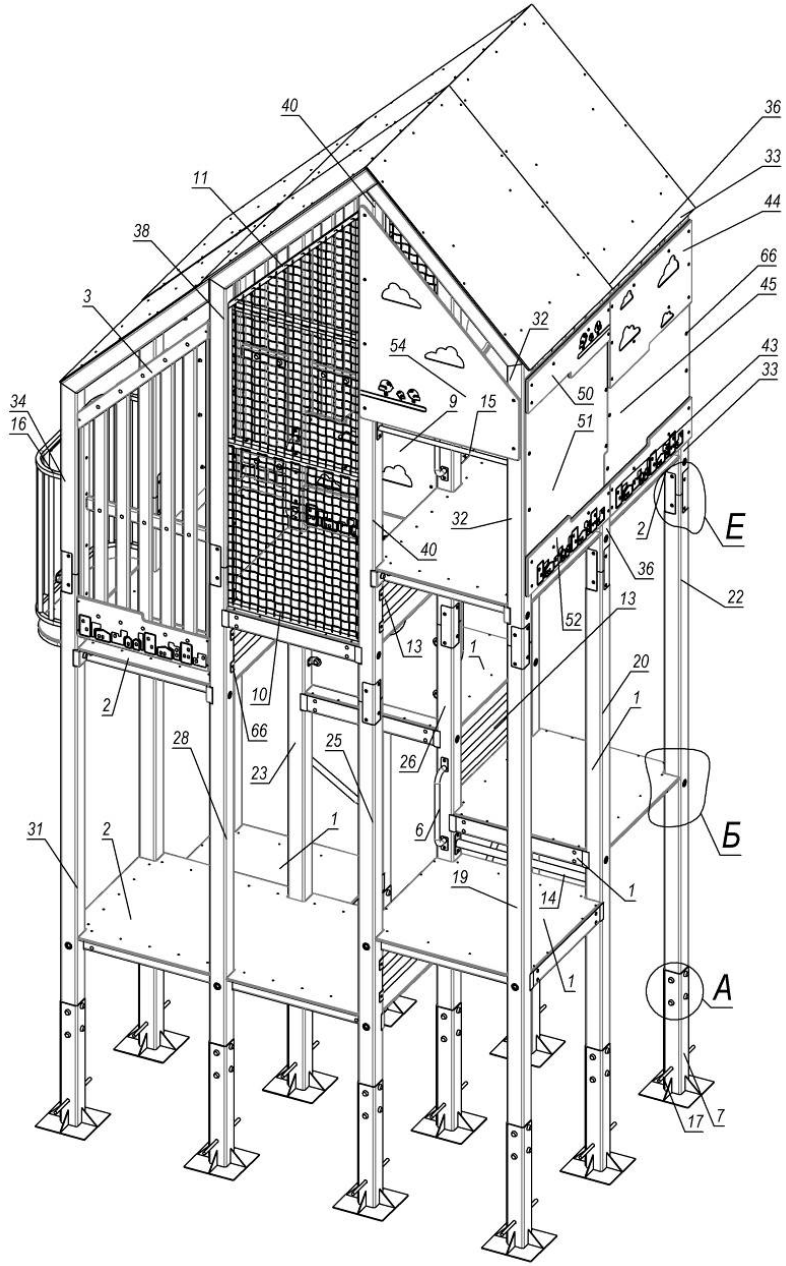

B
44
3
38
25
25
4
42
32
27
10
12
39
8
B
18
E
14
26
28
19
20
34
22
28
Д
Д
10759*
7
21
11
40
28
66
44
17
30
12940*

Picture 36


Д-Д (1 : 40)
3908*
3408*
2868
2736*
2365
2252
1389
796
366
0
15
61
6
7
28
17
33
11
21
40
30
21
50
61
43
33
304
11
27
21
E (1 : 40)
14
49
28
32
26
60
60
31

Picture 37

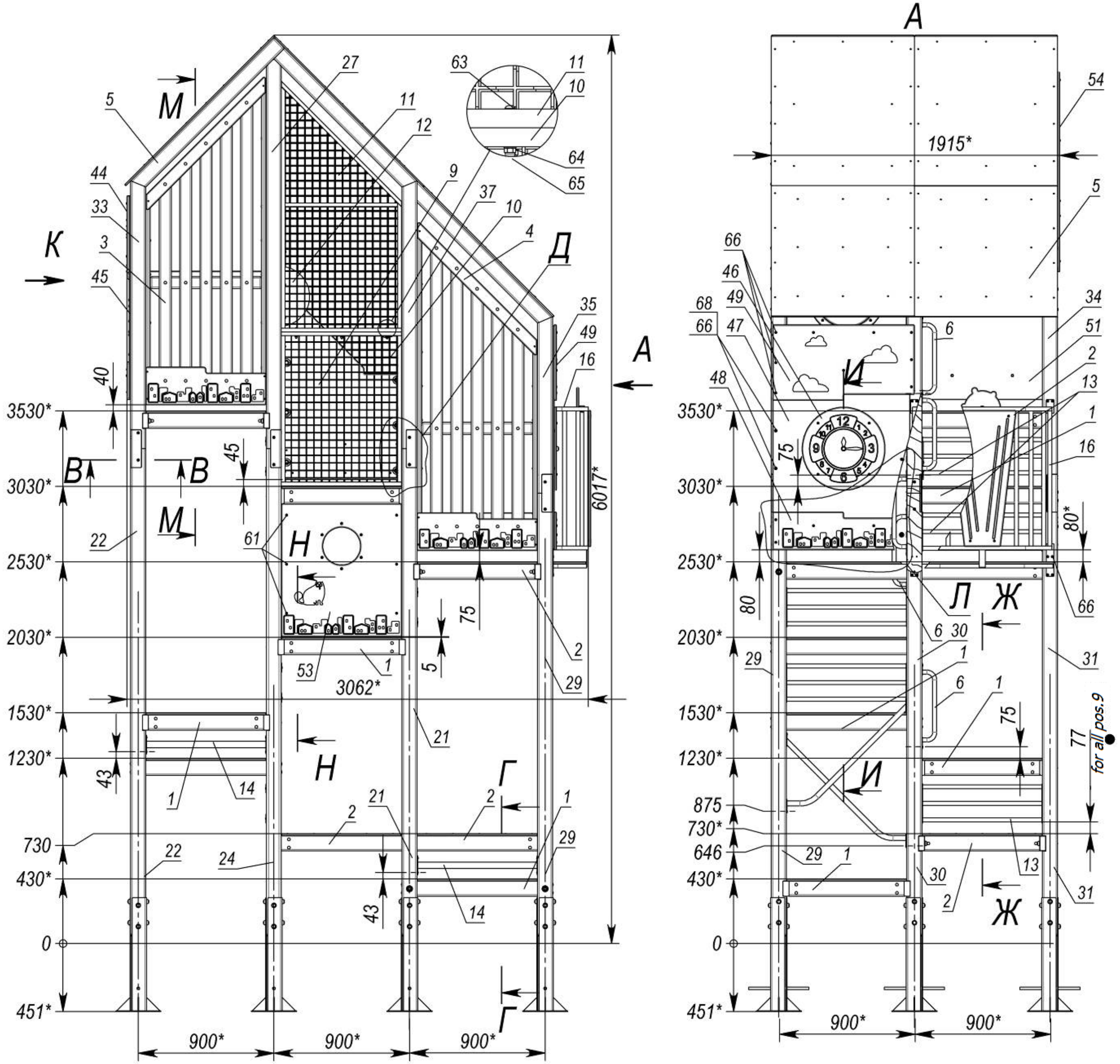
Module of multi-level tower



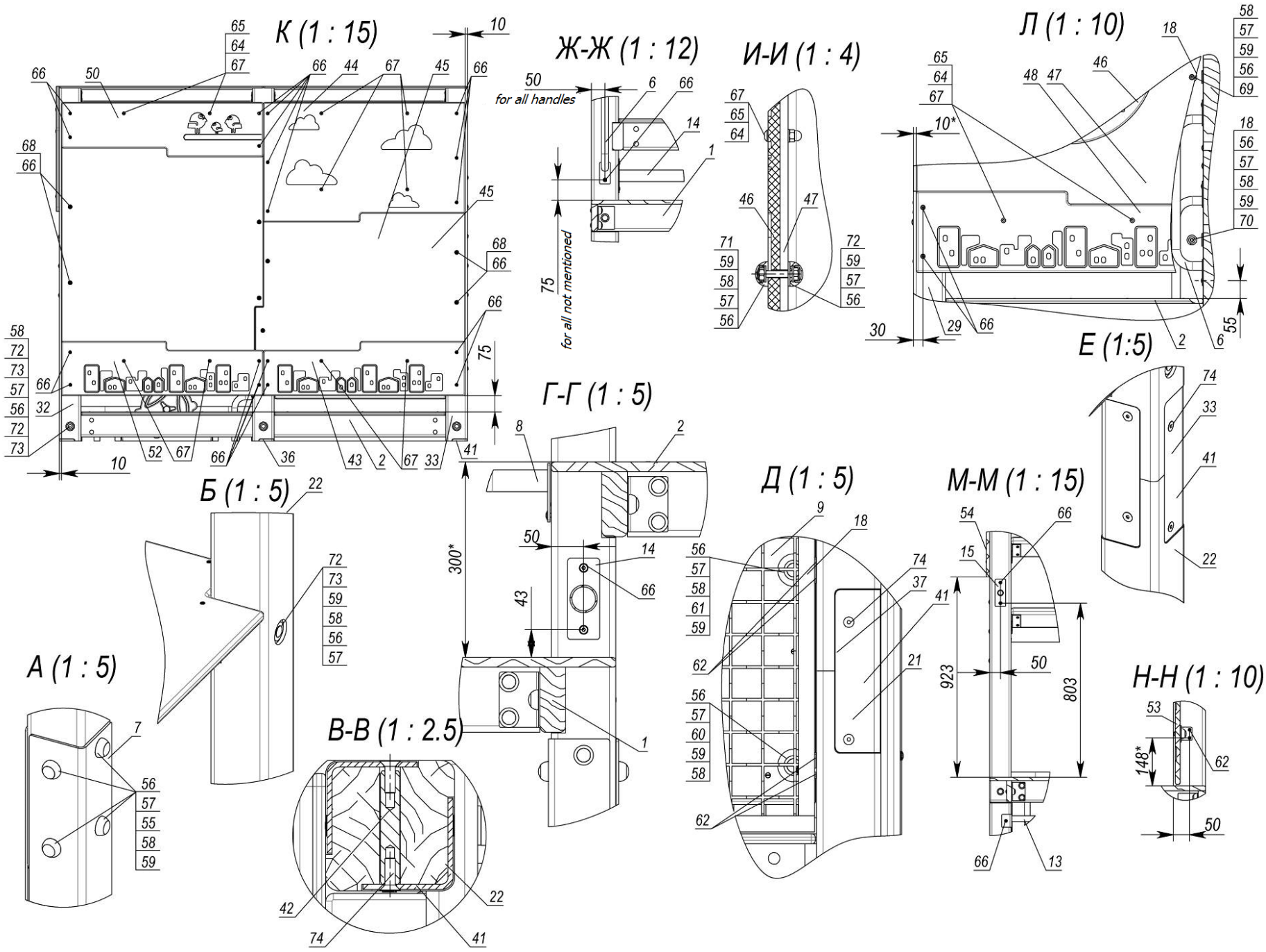
Pos.	Name	Weight, kg	Q-ty	Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m (standard)	19	5	38	Beam 1875 mm	11	1
2	Double site (1.9x1m)	35	3	39	Beam 1.15m	11	1
3	Wooden corner right fencing		2	40	Beam 3.18 m	18	2
4	Wooden corner left fencing		1	41	Angle bar		24
5	Roof 2x3m	188	1	42	Brace rod D15x87 mm		48
6	Handle		5	43	Lower cover plate (0.25m)	3	1
7	Big tower support	12	12	44	Upper cover plate with clouds	7	1
8	Spacer		2	45	Panel (0.94x1.35)	14	1
9	Panel with clouds		1	46	Cover plate "Clock"	3	1
10	Fencing-mesh (0.8x1)		2	47	Transparent panel (0.94x1.48)	15	1
11	Fencing-mesh		2	48	Lower panel	3	1
12	Big panel with porthole		1	49	Upper panel with clouds	6	1
13	Coverings		5	50	Upper panel birds	3	1
14	Partition for tower	2	2	51	Panel (0.94x1.35)	14	1
15	Brace rod 0.8m	1	1	52	Lower panel	3	1
16	Balcony (0.94x1.2m) with steering wheel		1	53	Panel "Porthole" assembly		1
				54	Coverings above slide	12	1
17	Armature 16 L=400 DSTU3760		12	55	Sprig M8 L=135		48
18	Corner bracket 10x60		23	56	Cup M8		159
19	Beam 3.2m (mortise 1.2)	19	1	57	Cap M8		159
20	Beam 3.2m (mortise 1.2/1.5)	19	1	58	Nut M8 GOST5915		158
21	Beam 3.2m (mortise 2/2.5)	19	1	59	Washer 10 GOST11371		156
22	Beam 3.2m (mortise 1.5m)	19	1	60	Bolt M8*45 GOST7802		2
23	Beam 3.2m (5 mortises)	18	1	61	Stud M8x30 ISO7380		19
24	Beam 3.2m (mortises 1.5/2)	19	1	62	Screw 4x40 GOST1145		46
25	Beam 2.6m (mortises 0.7/1.2)	15	1	63	Stud M8x60 ISO7380		6
26	Beam 2.6m (4 mortises)	15	1	64	Washer 8 GOST11371		26
27	Beam 2.5m (mortise 3.5)	15	1	65	Cap nut M8 DIN1587		25
28	Beam 3.2m (mortises 0.7/2.5/3)	19	1	66	Screw 6.0x60 SPAX T-STAR plus (univers.)		180
29	Beam 2.93m (mortise 0.4/2.5)	17	1				
30	Beam 2.93m (mortises 0.4/0.7/2.5)	17	1	67	Stud M8x35 ISO7380		19
31	Beam 2.93m (mortises 0.7/2.5)	17	1	68	Washer 6 GOST6958		10
32	Beam 1875	10	1	69	Stud M8x25 ISO7380		1
33	Beam 1875	10	1	70	Stud M8x40 ISO7380		1
34	Beam 1.27m	7	2	71	Bolt M8*45 GOST7798		1
35	Beam 1.27m	7	1	72	Washer 10 GOST6958		51
36	Beam 1875 (mortise 3.5m)	10	1	73	Bolt M8*130 GOST7802		38
37	Beam 1875 mm	11	1	74	Stud M8x25 DIN7991		96

1. Fastening supports to beams - according to type A. Fastening platforms to beams - according to type Б. Connecting beams to each other - according to type B.
4. All unspecified fastenings of elements to beams - using pos. 48.

Picture 38

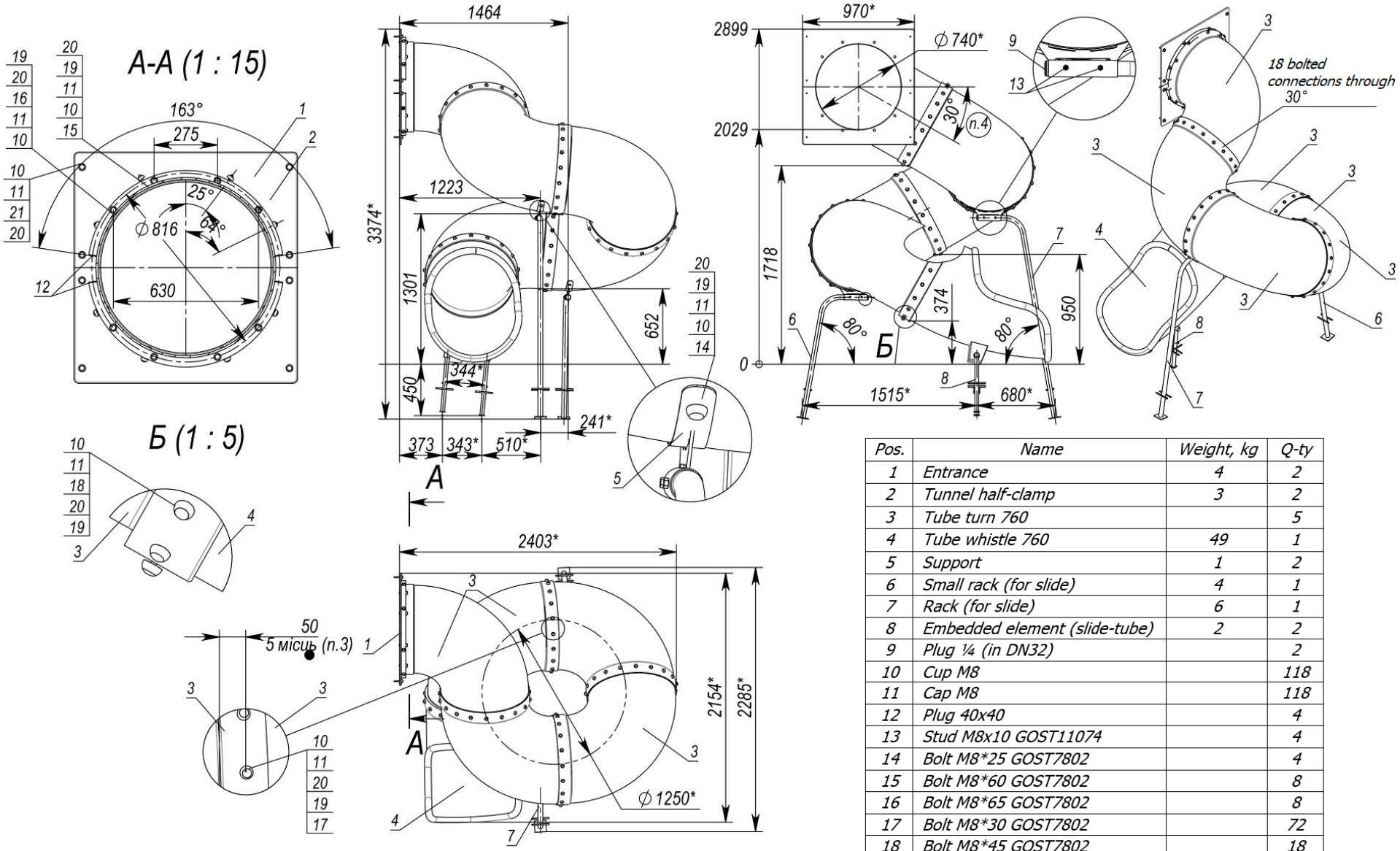


Picture 39


К (1 : 15)
Ж-Ж (1 : 12)
И-И (1 : 4)
Л (1 : 10)
Е (1:5)
Г-Г (1 : 5)
Б (1 : 5)
Д (1 : 5)
М-М (1 : 15)
А (1 : 5)
В-В (1 : 2.5)
Н-Н (1 : 10)
for all handles
for all not mentioned
300*
923
803
148*

Picture 40

Assembly scheme of slide 2m



Pos.	Name	Weight, kg	Q-ty
1	Entrance	4	2
2	Tunnel half-clamp	3	2
3	Tube turn 760		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	Embedded element (slide-tube)	2	2
9	Plug ¼ (in DN32)		2
10	Cup M8		118
11	Cap M8		118
12	Plug 40x40		4
13	Stud M8x10 GOST11074		4
14	Bolt M8*25 GOST7802		4
15	Bolt M8*60 GOST7802		8
16	Bolt M8*65 GOST7802		8
17	Bolt M8*30 GOST7802		72
18	Bolt M8*45 GOST7802		18
19	Nut M8 GOST5915		110
20	Washer 10 GOST11371		118
21	Screw 8x70 GOST11473		8

1. For M8 bolts, to connect plastic pipes to each other, drill all holes on site with a diameter of 10 mm.
2. Assemble the slide in a spiral, turning each pipe at an angle of 30 degrees relative to the horizontal.

Picture 41