interatletika™

PRODUCTION AND SALE OF SPORTS GOODS

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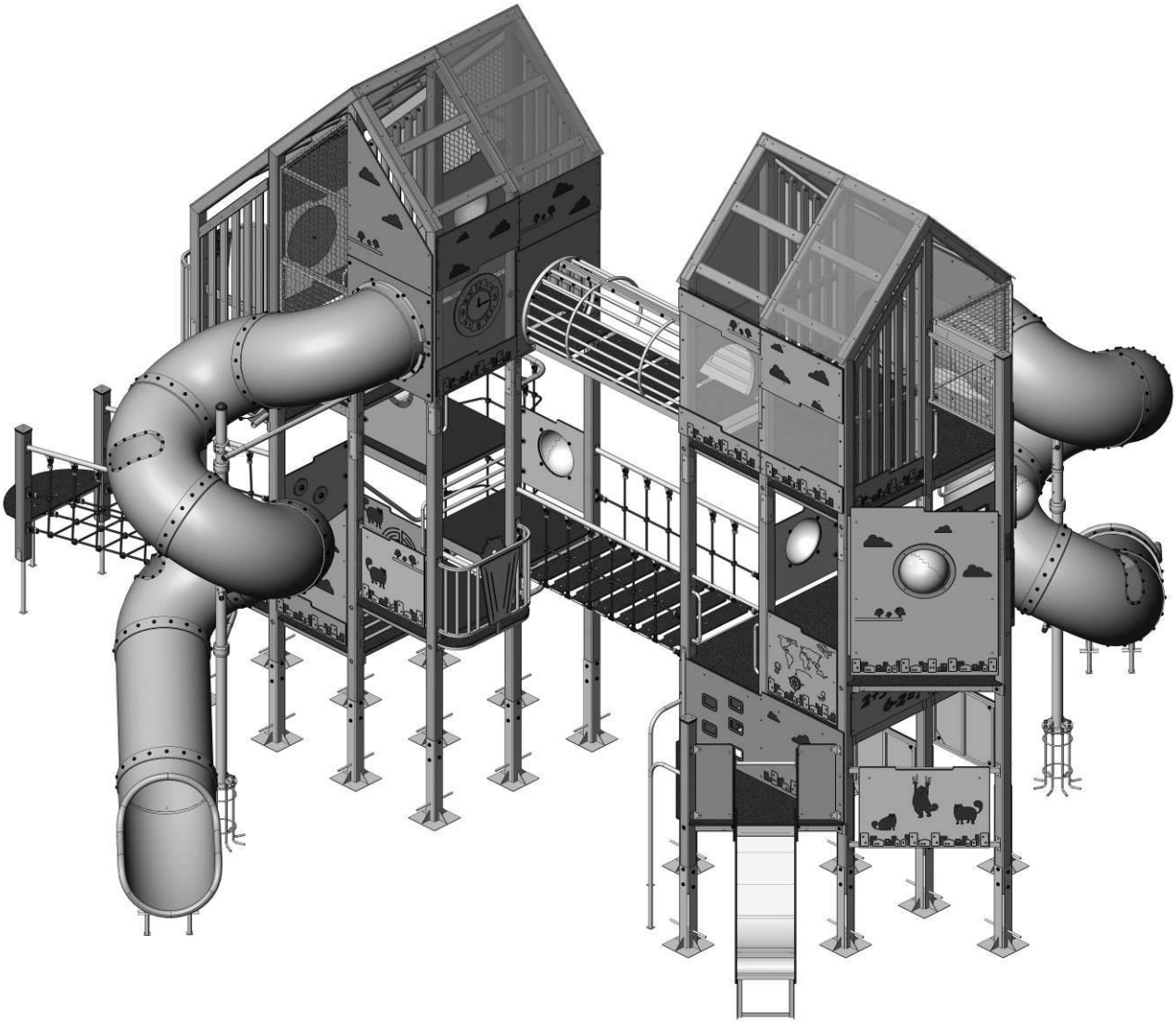
DATA SHEET

Playground complex «Big City-15» TE940



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 location 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) To 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

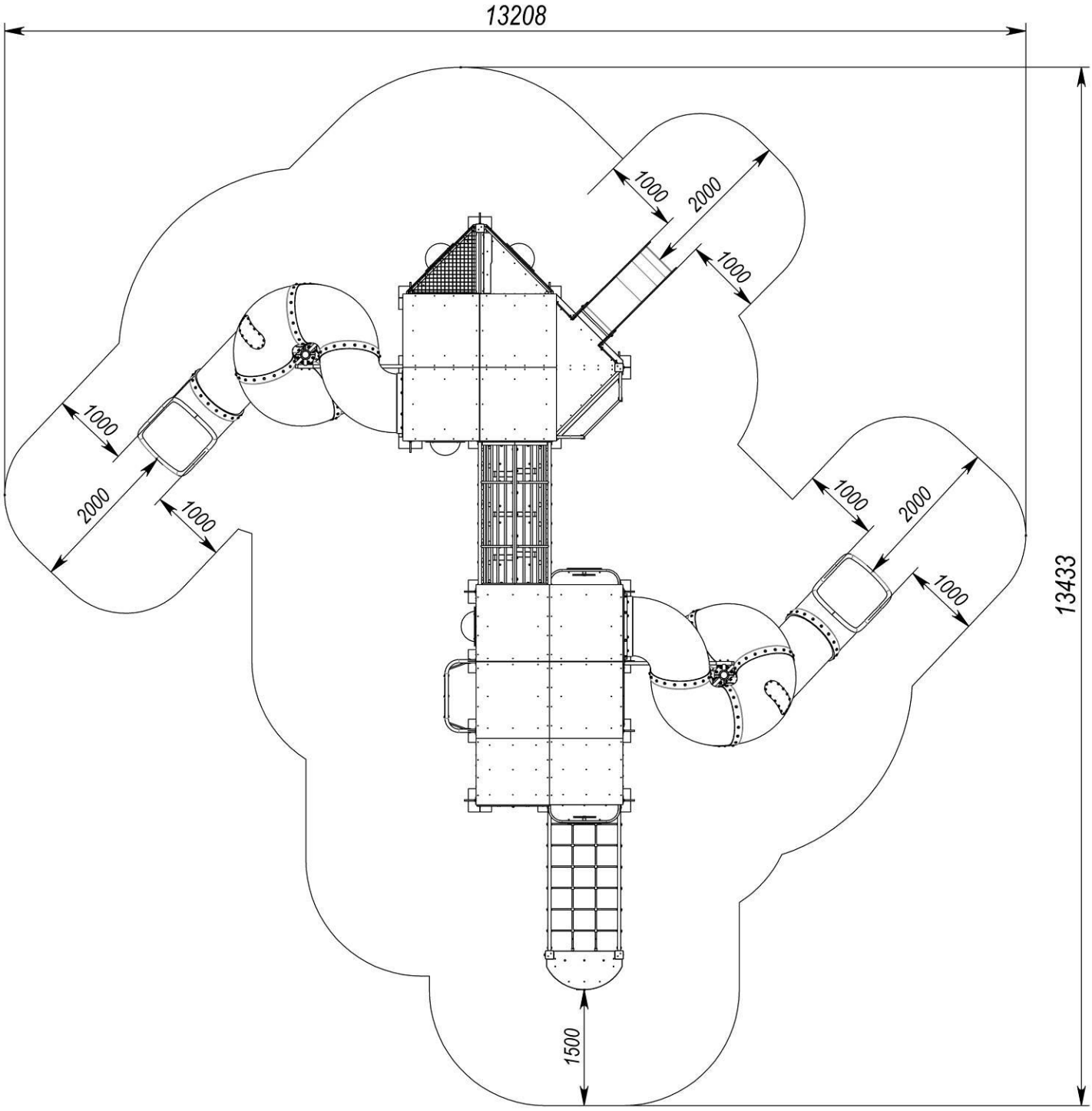
Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

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.

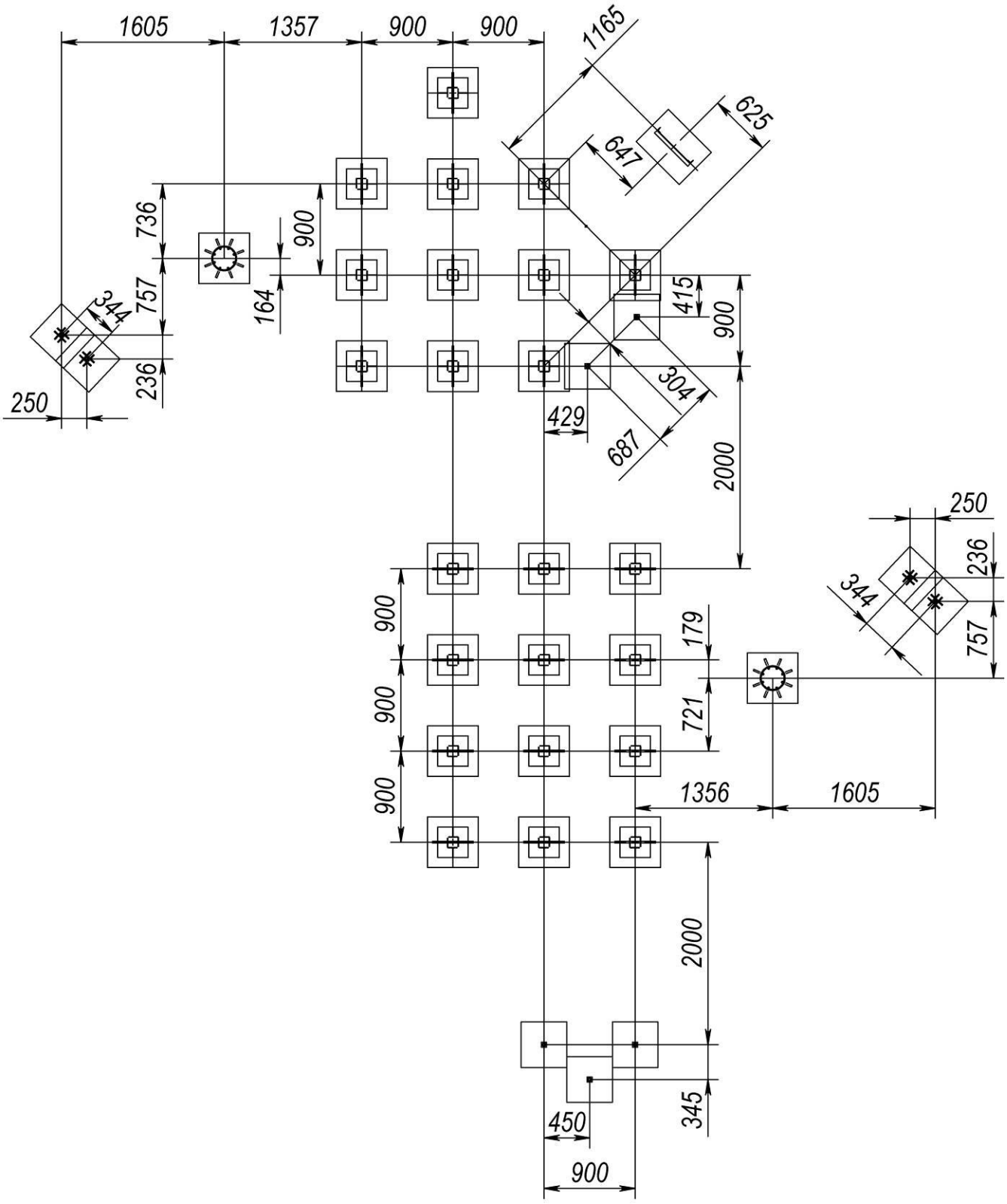
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special recycling.

6. TECHNICAL DATA AND ASSEMBLY SCHEMES

Length, mm	**9904**
Width, mm	**9746**
Height, mm	**6011**
Weight, kg	**3538**
Height of fall, mm	**3544**
Age restrictions, years	**Up to 12**
Weight limits, kg	**Up to 60**

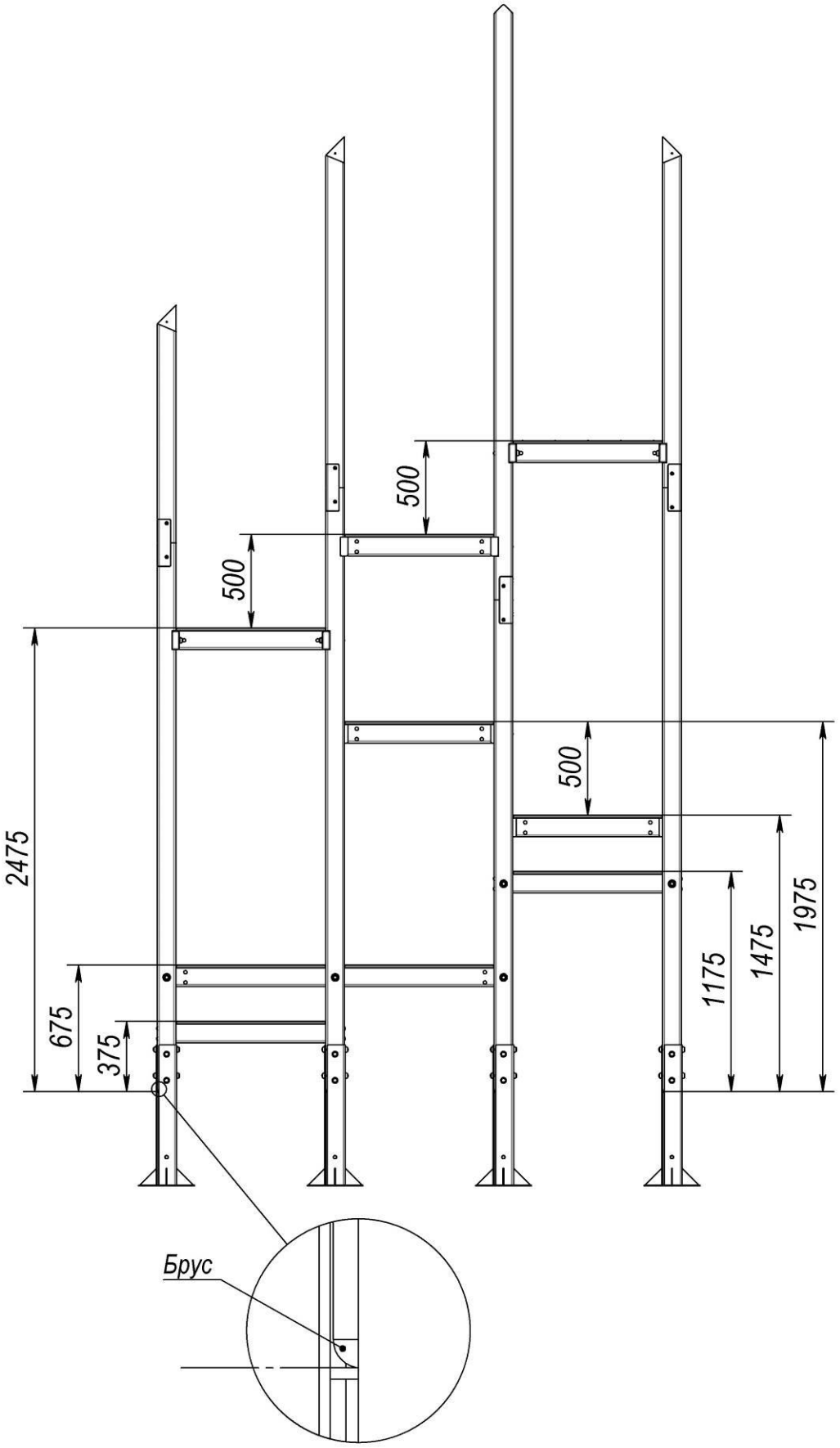


Picture 1 – Landing zone

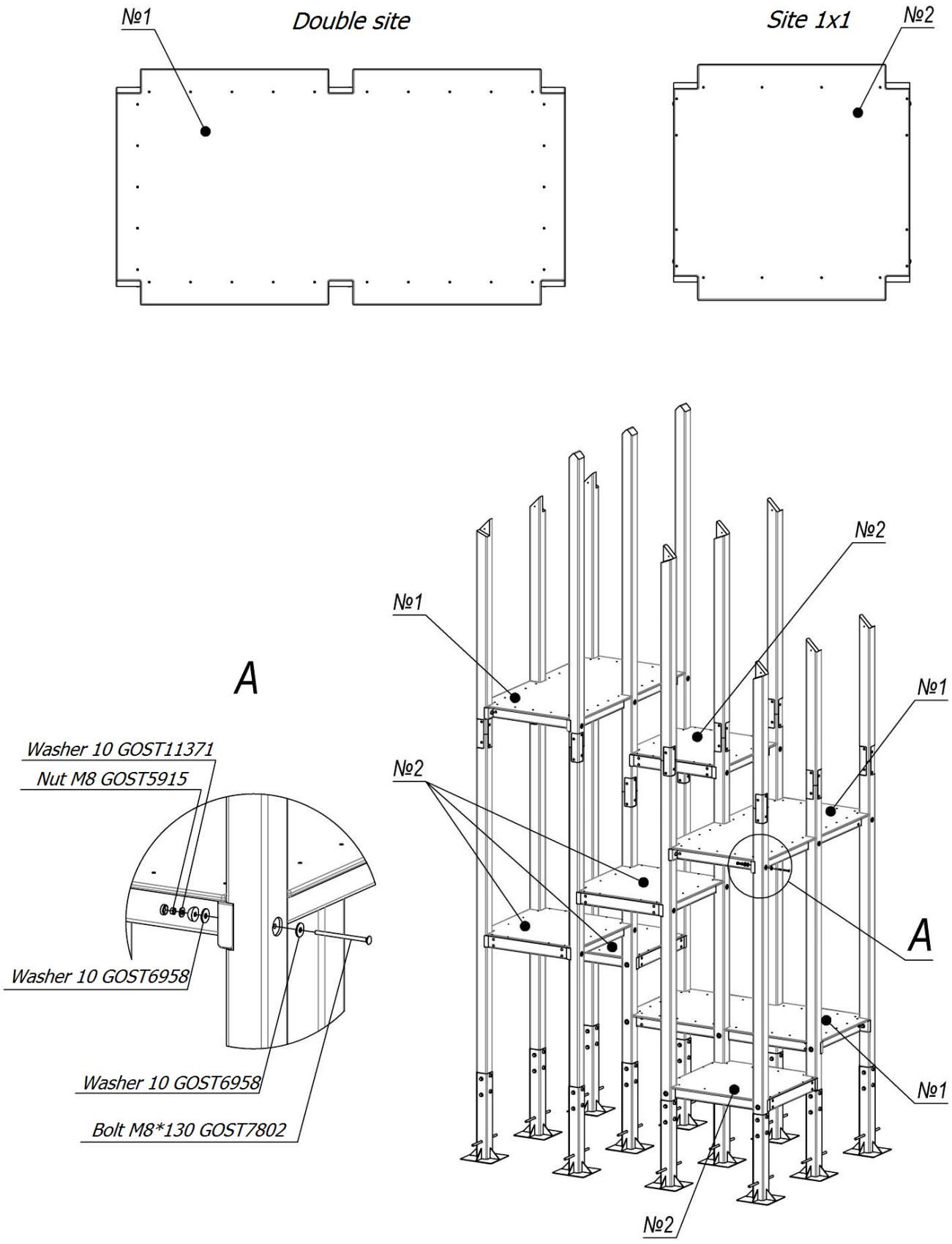


Picture 2 - Layout of foundations

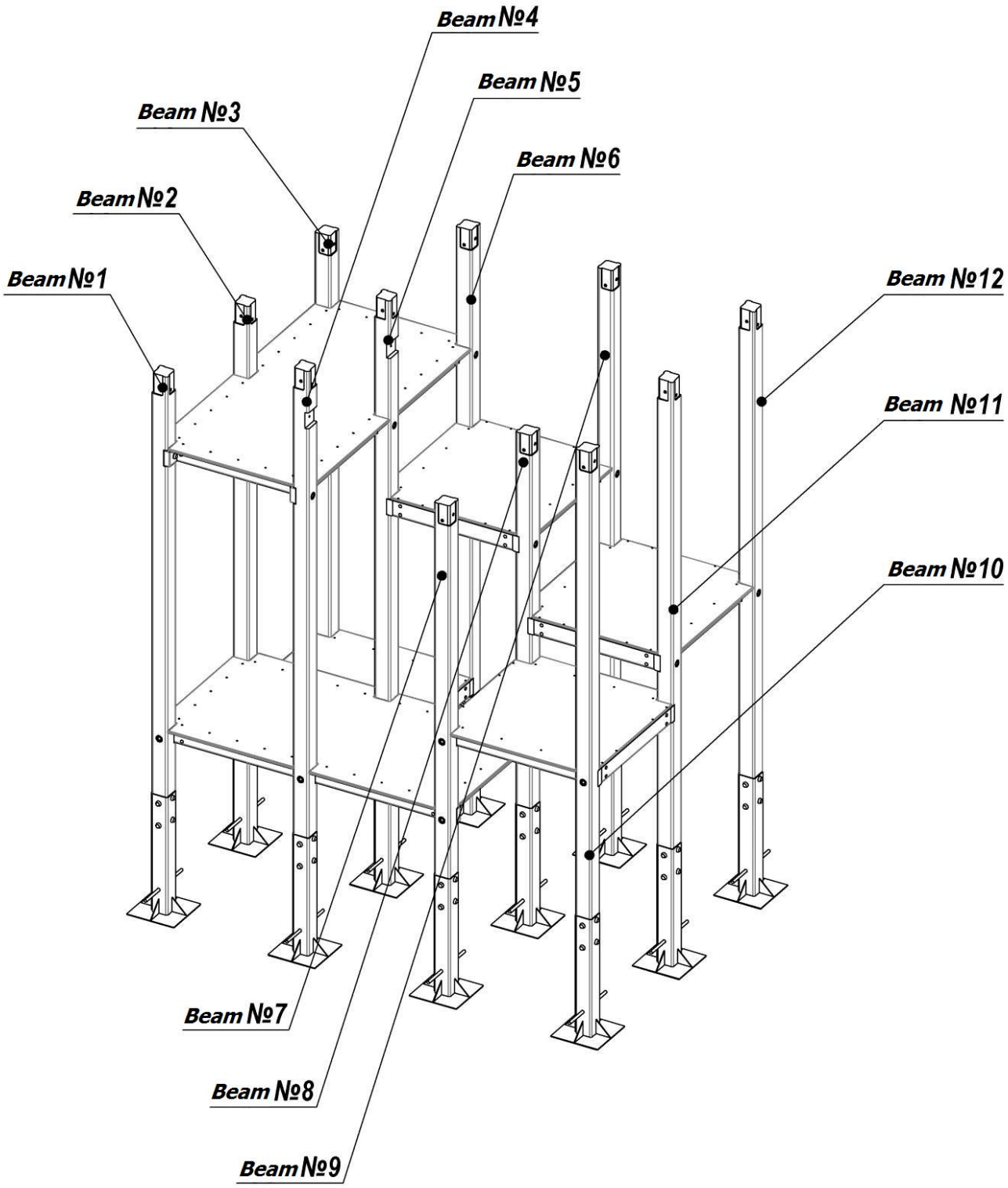
Assembly scheme of multi-level tower (2x3m)



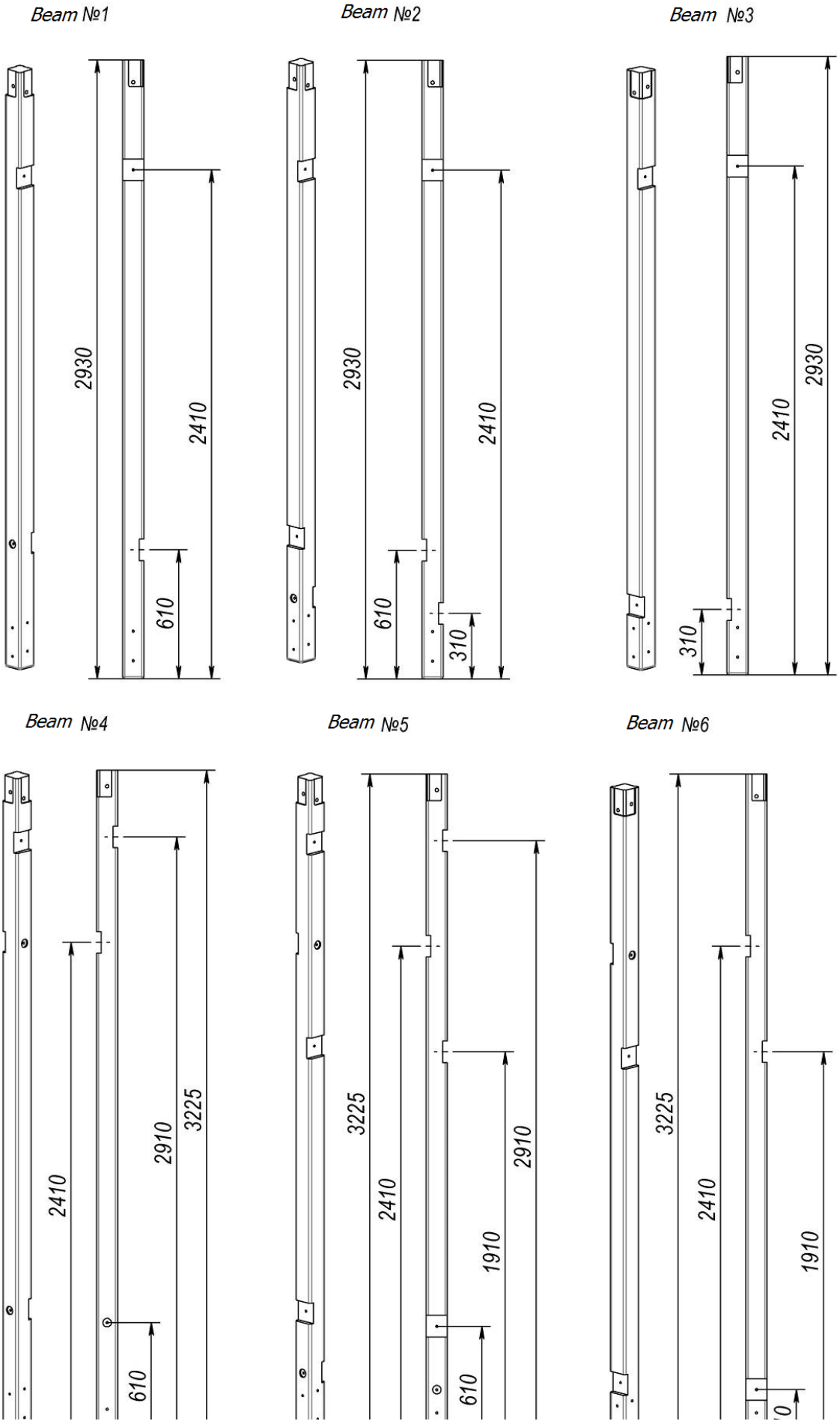
Picture 3 – Layout of sites



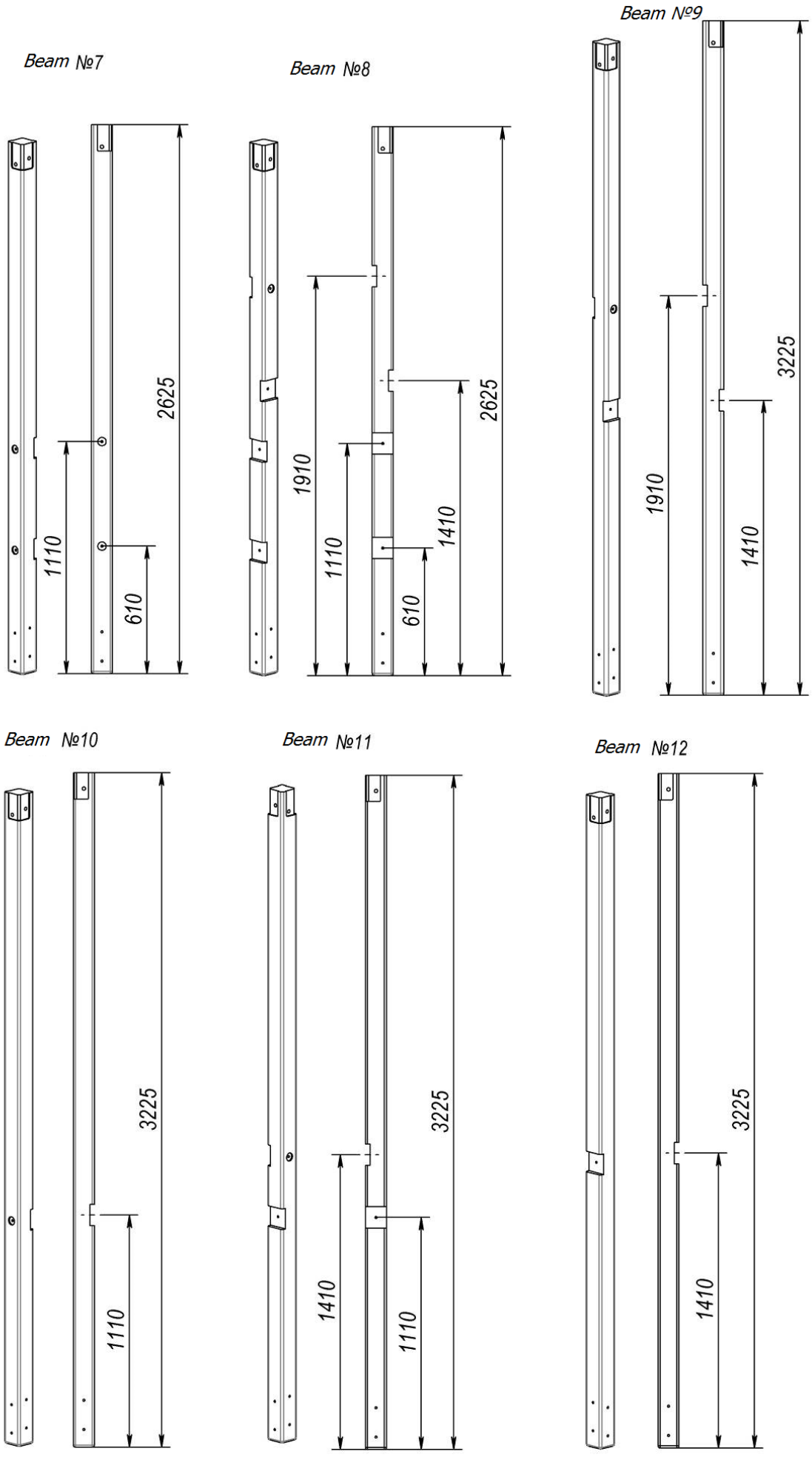
Picture 4 – Layout and installation scheme of sites



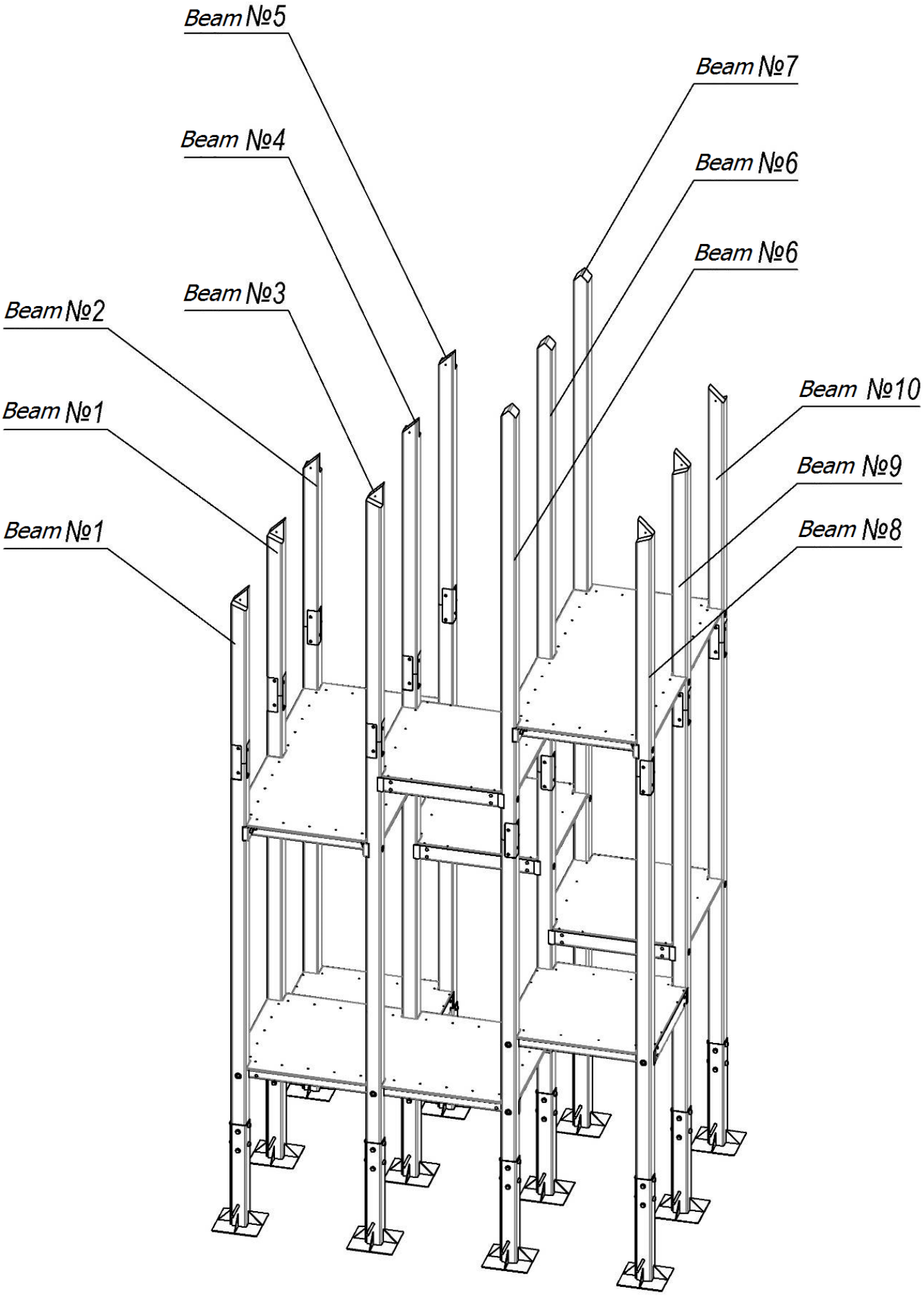
Picture 5 – Layout of lower level beams



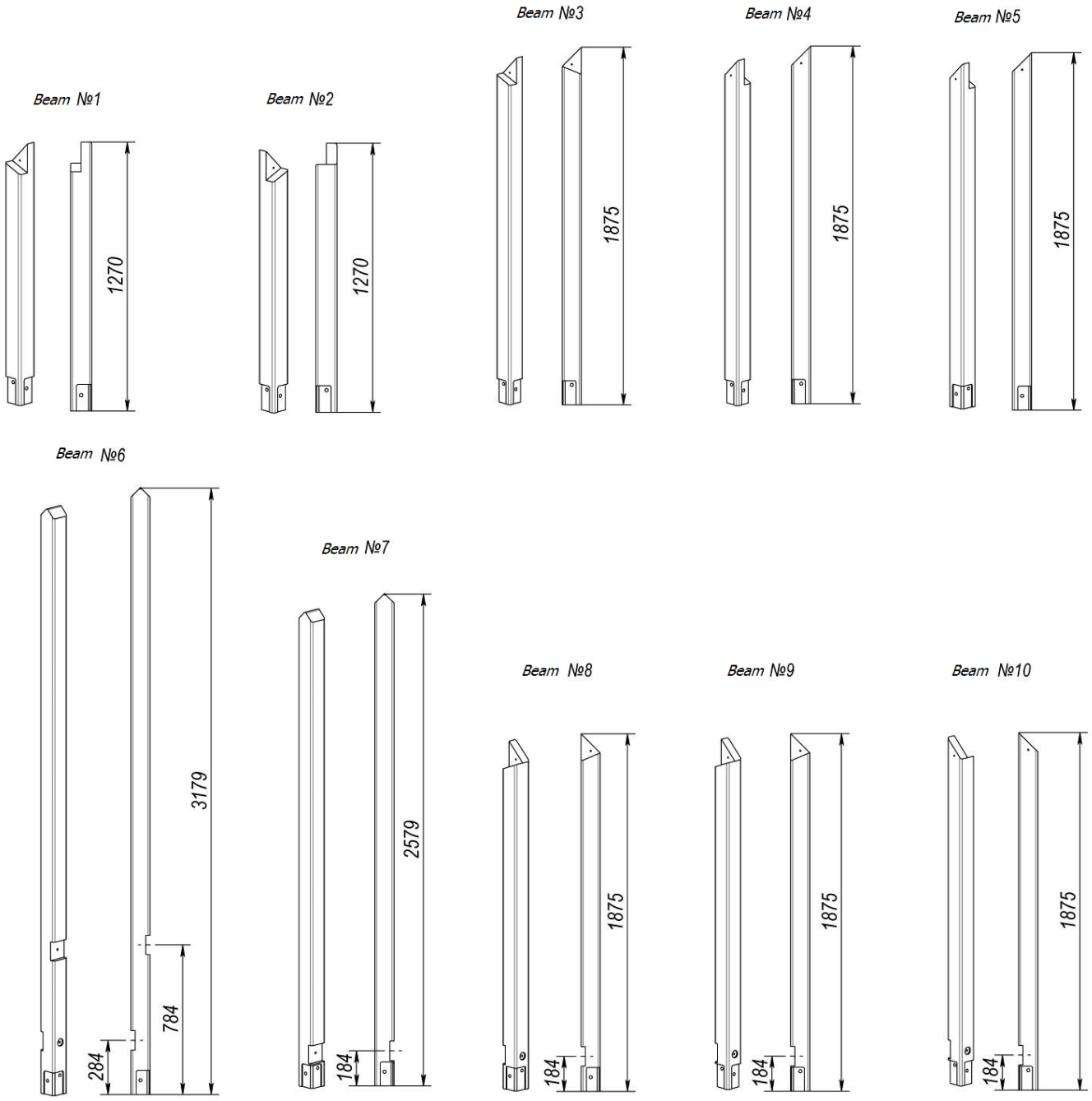
Picture 6 – Beams (1-6)



Picture 7 – Beams (7-12)

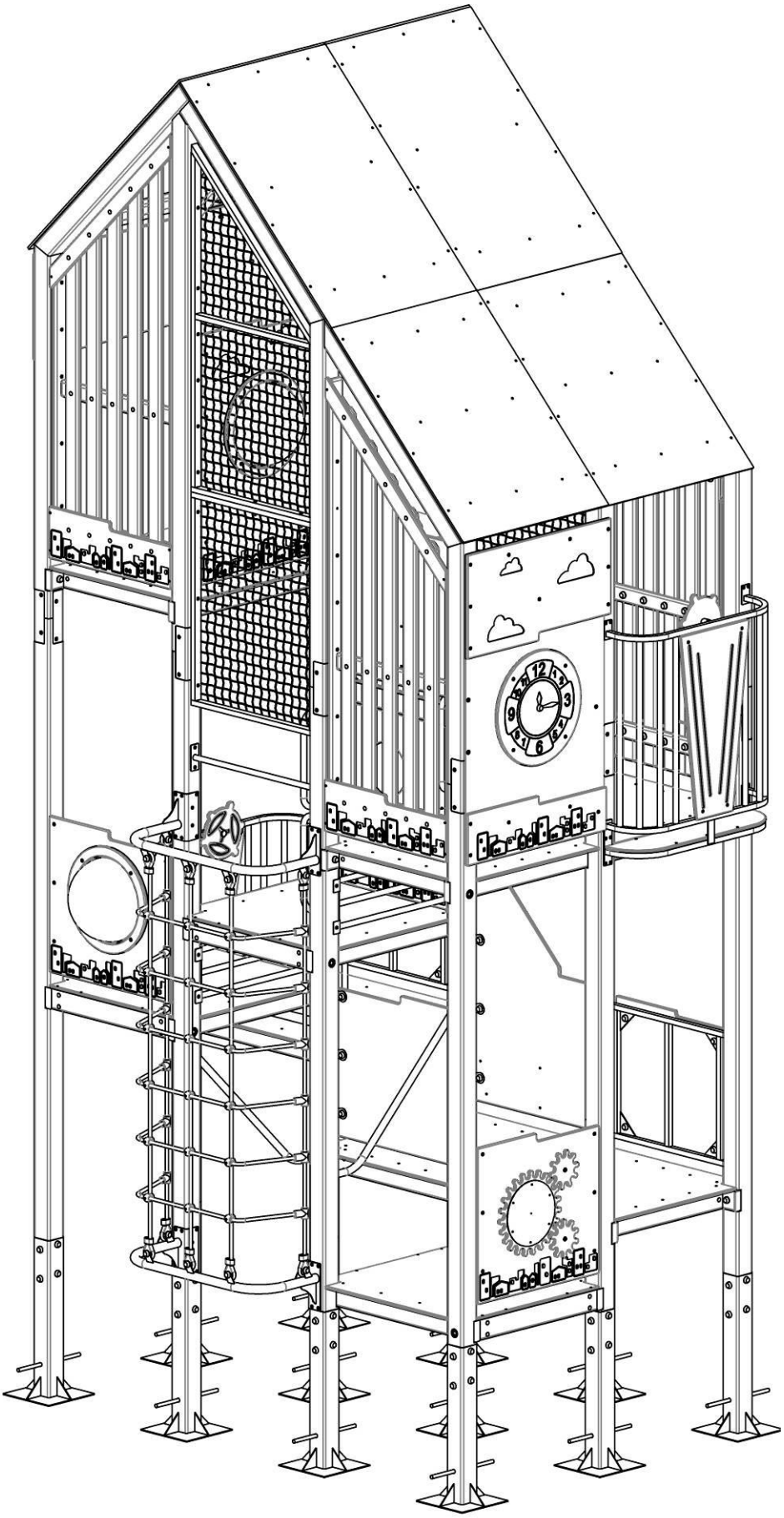


Picture 8 – Layout of upper level beams

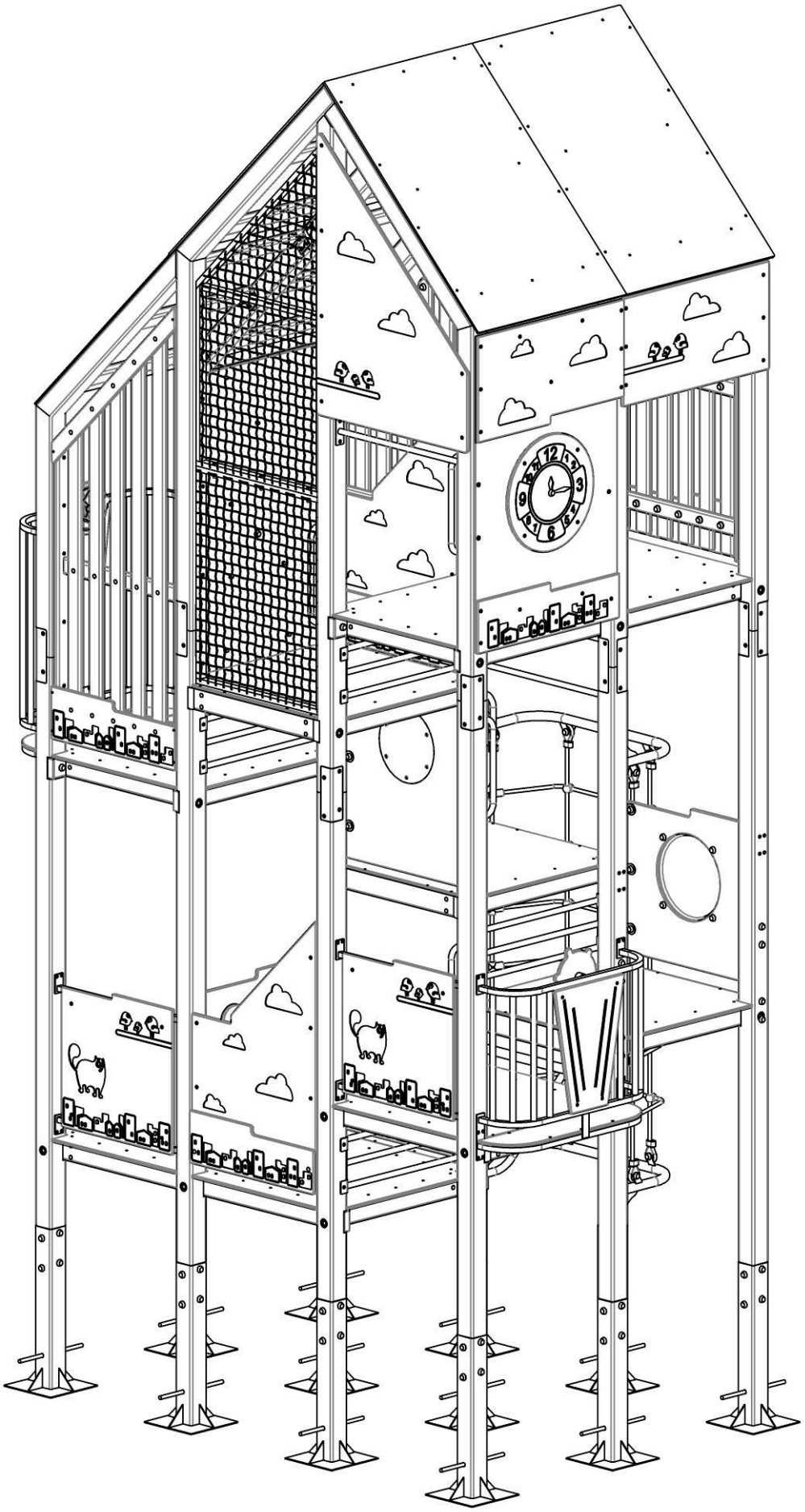


Picture 9 – Beams (1-10)

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

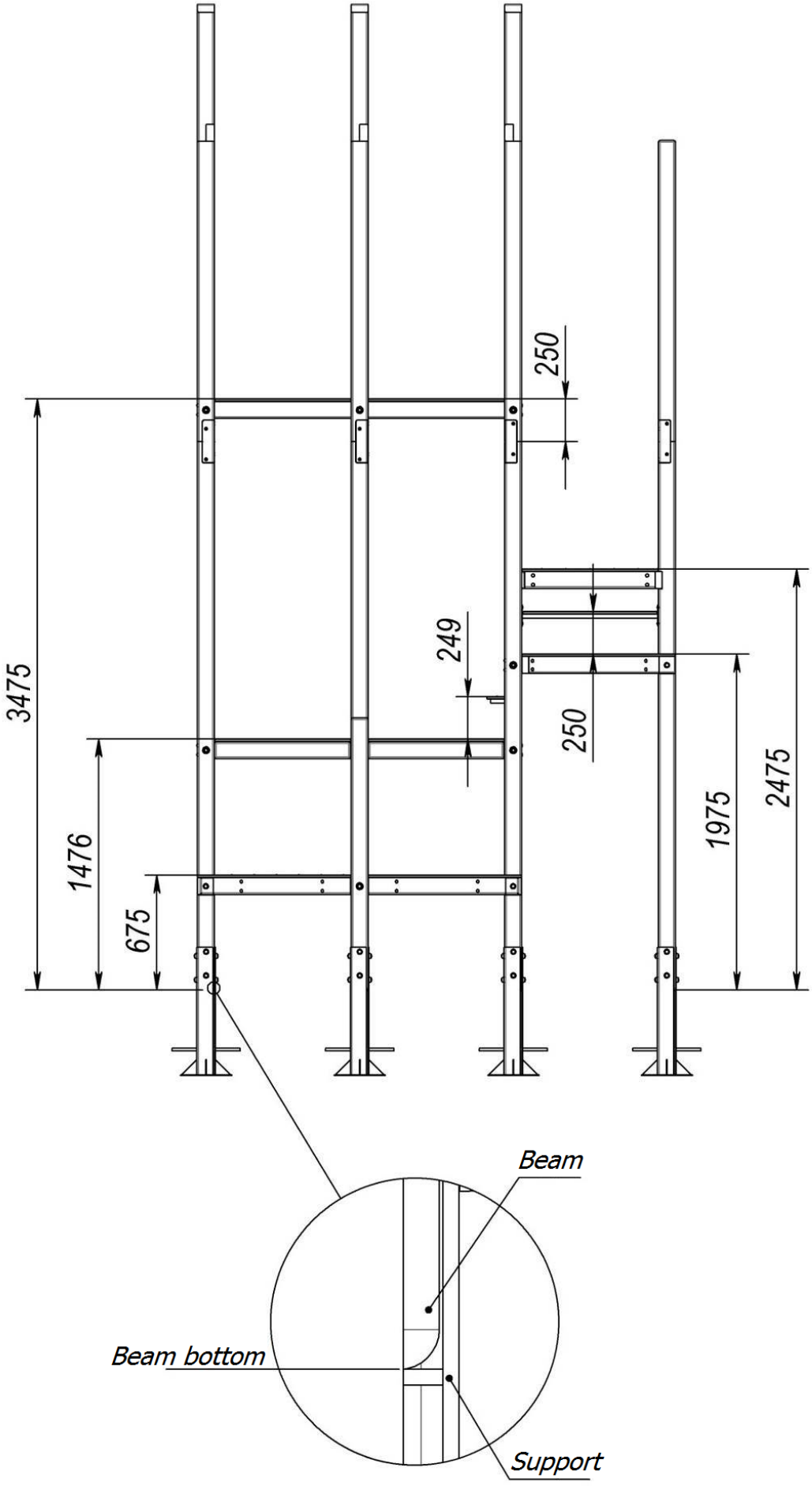


Picture 10

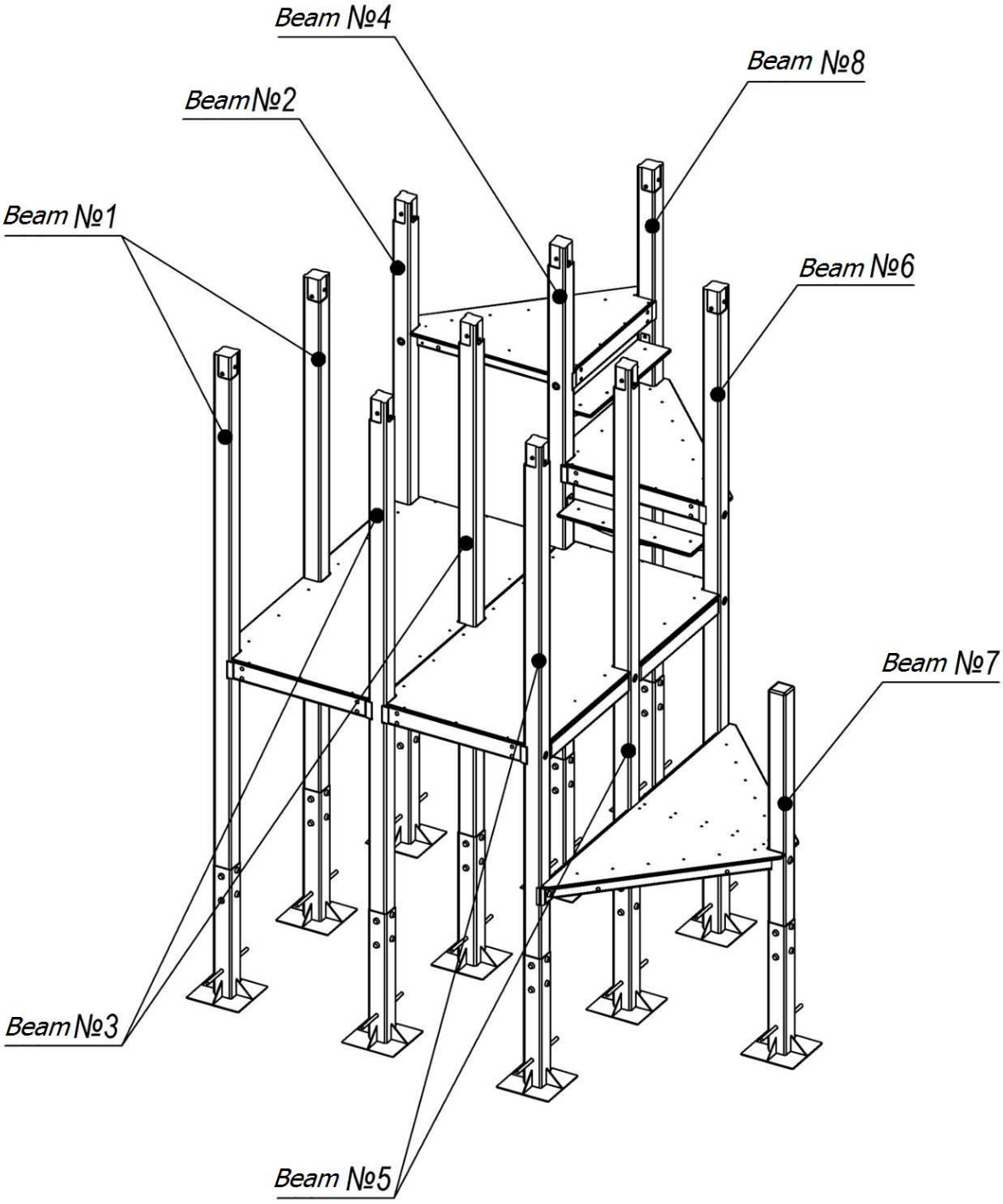


Picture 11

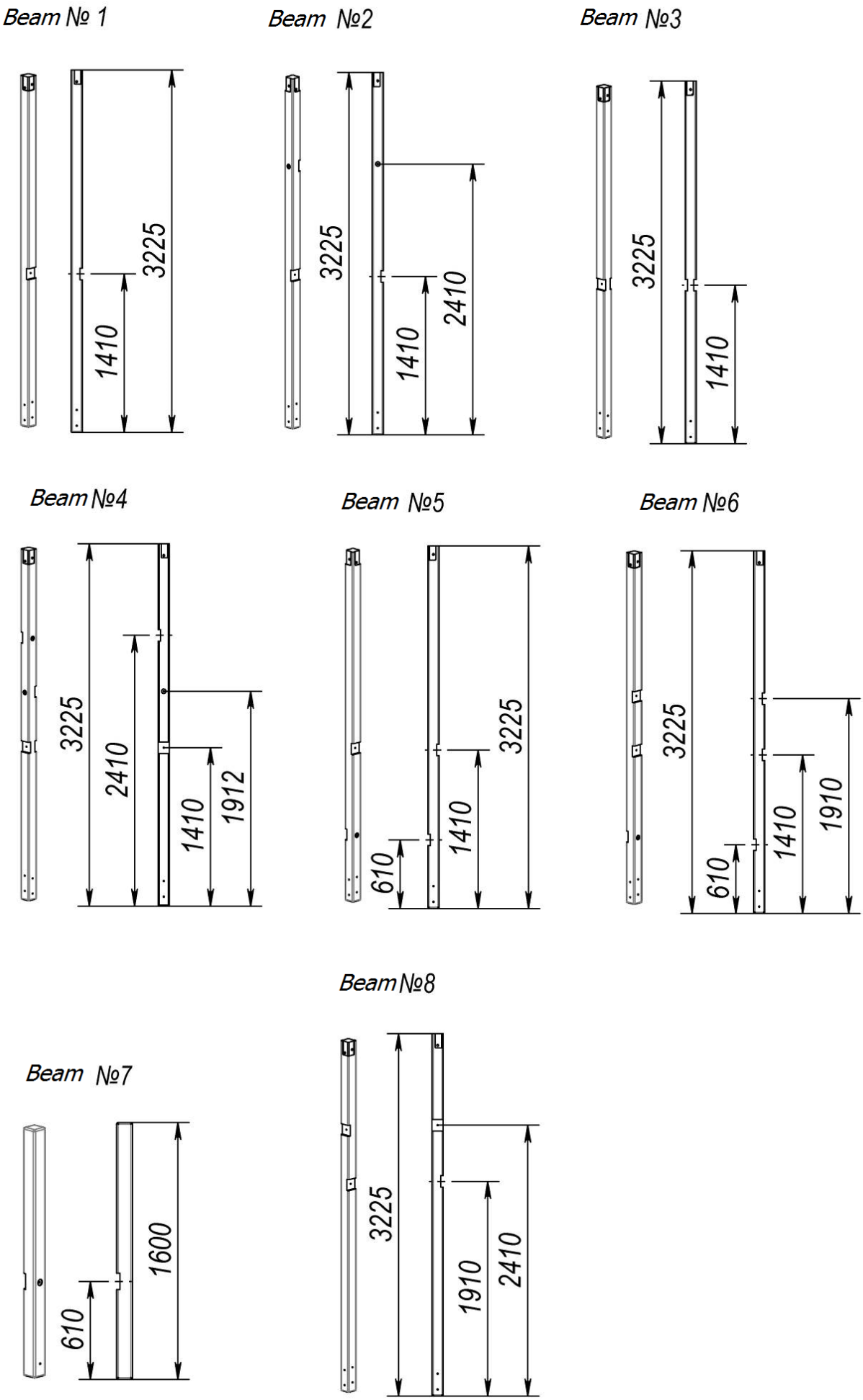
Assembly scheme of multi-level tower (2,8x2,8x6m)



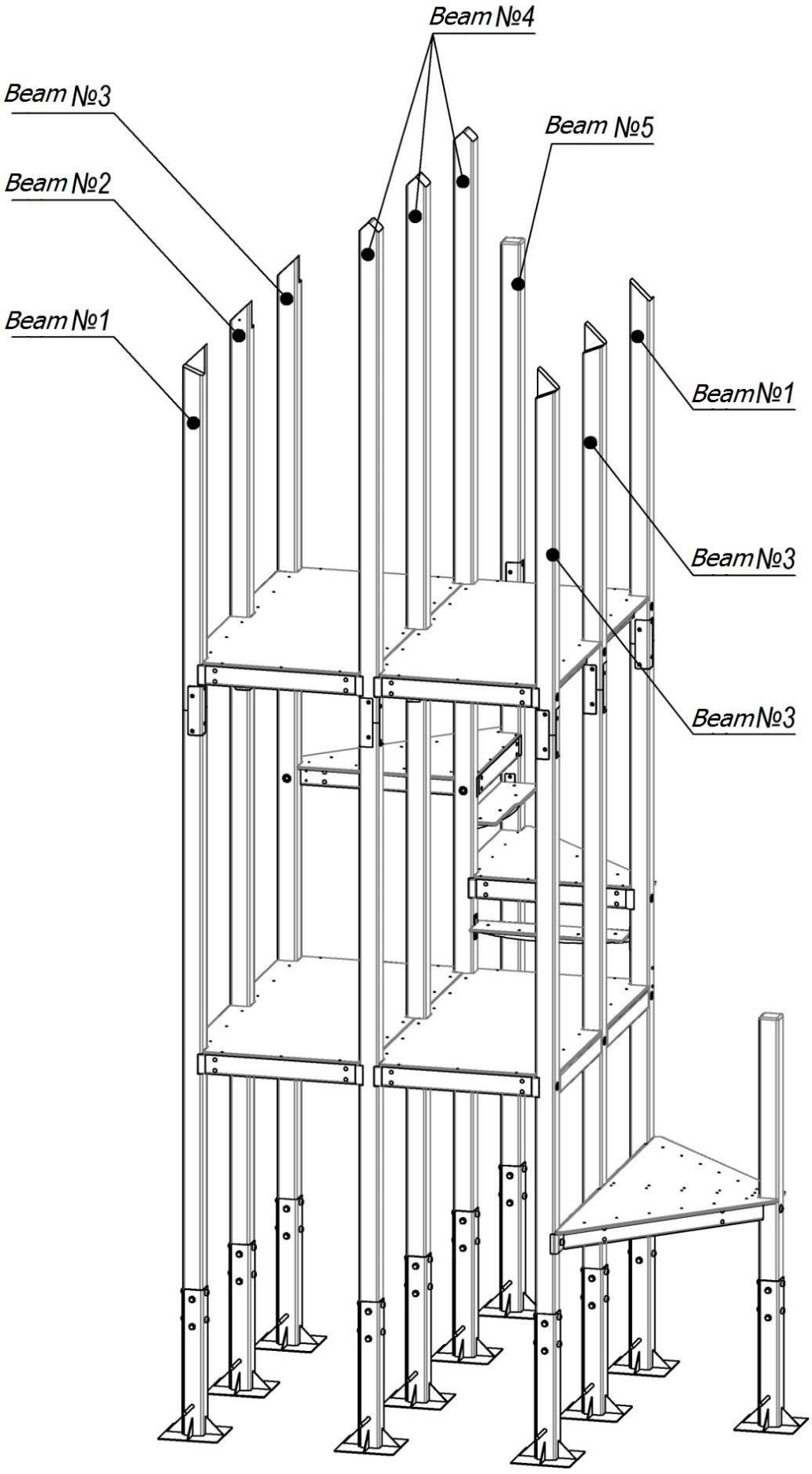
Picture 12 – Layout of sites



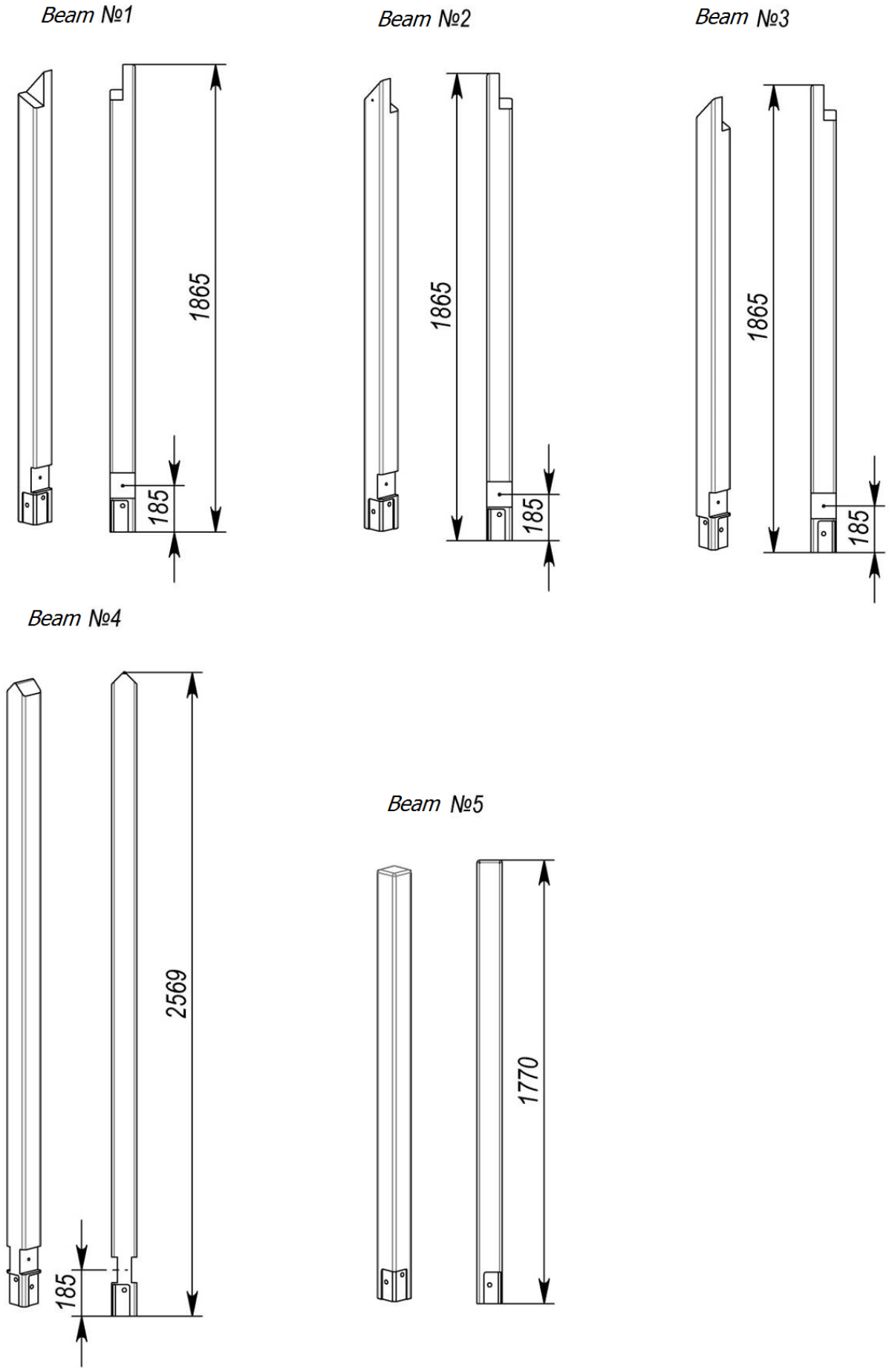
Picture 13 – Layout of lower-level beams



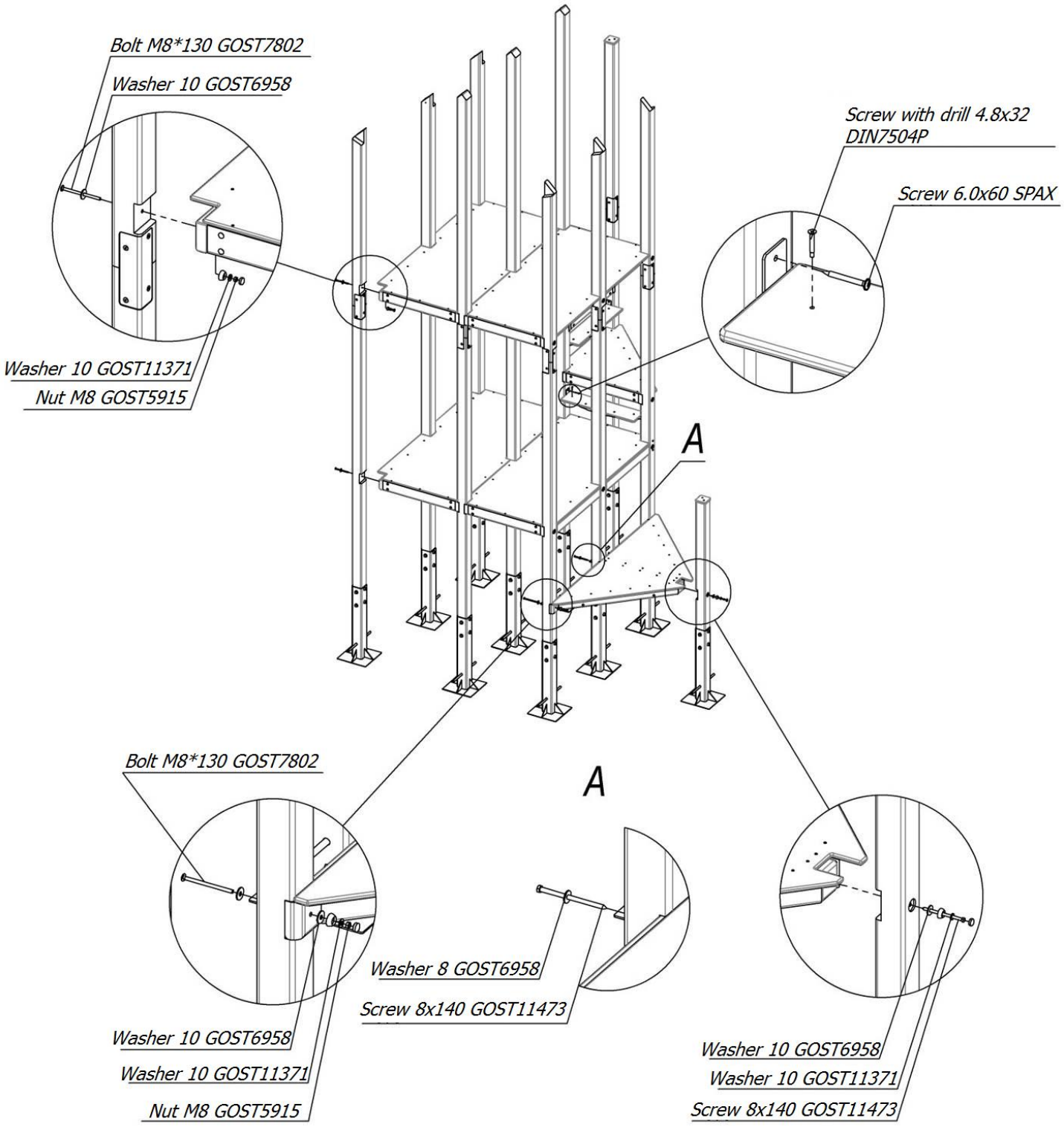
Picture 14 – Beams (1-8)

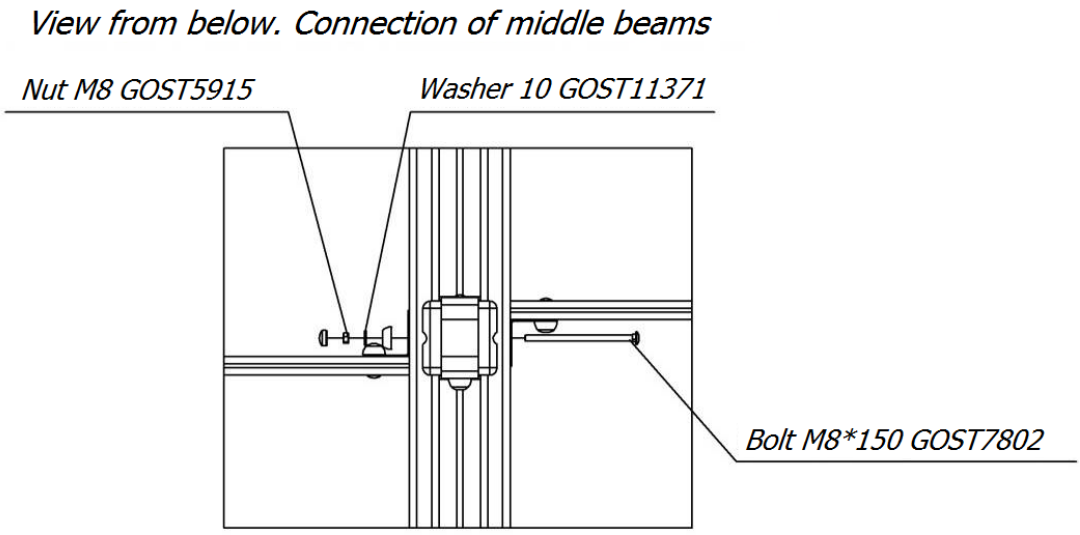


Picture 15 – Layout of upper level beams

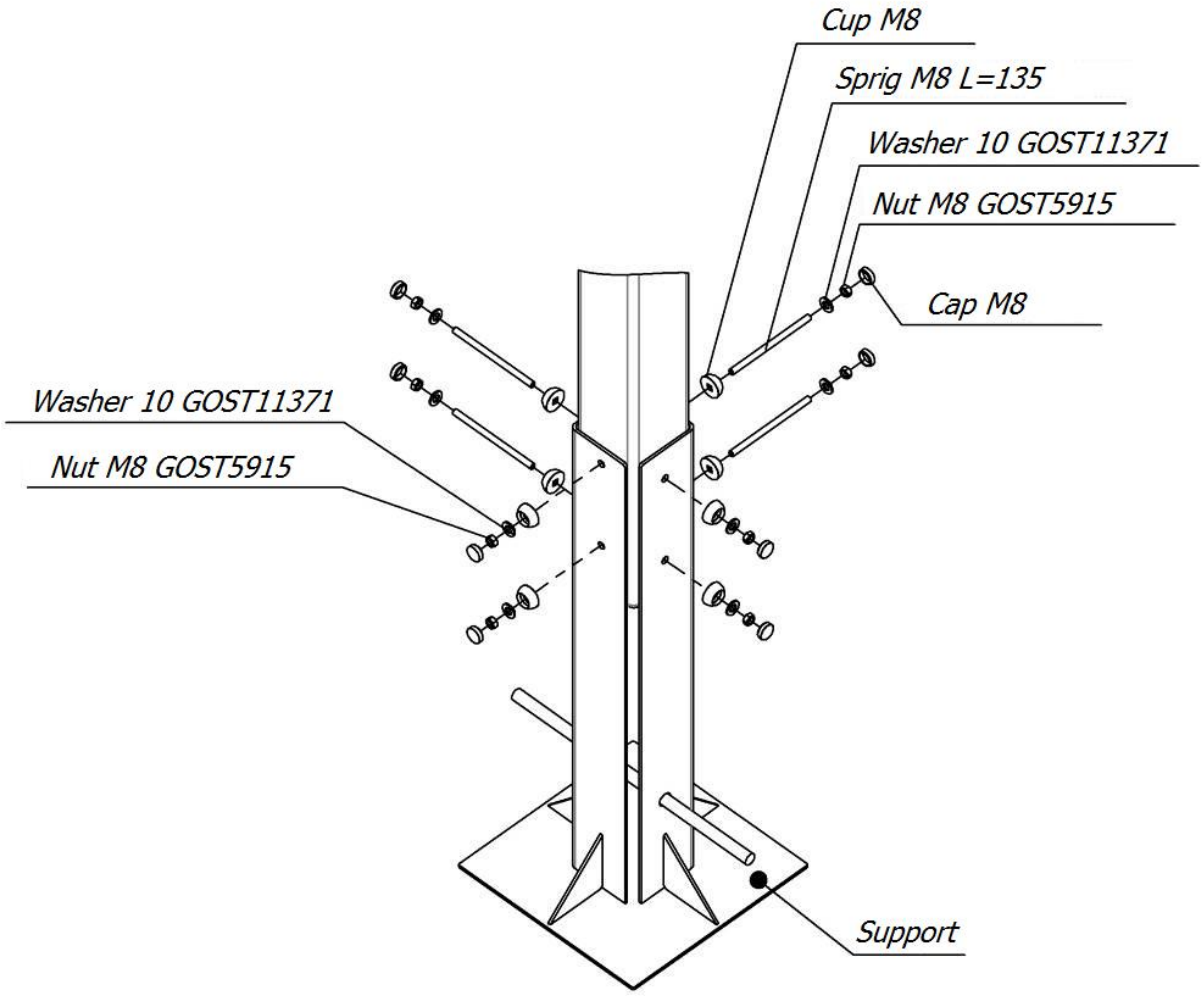


Picture 16 – Beams (1-5)

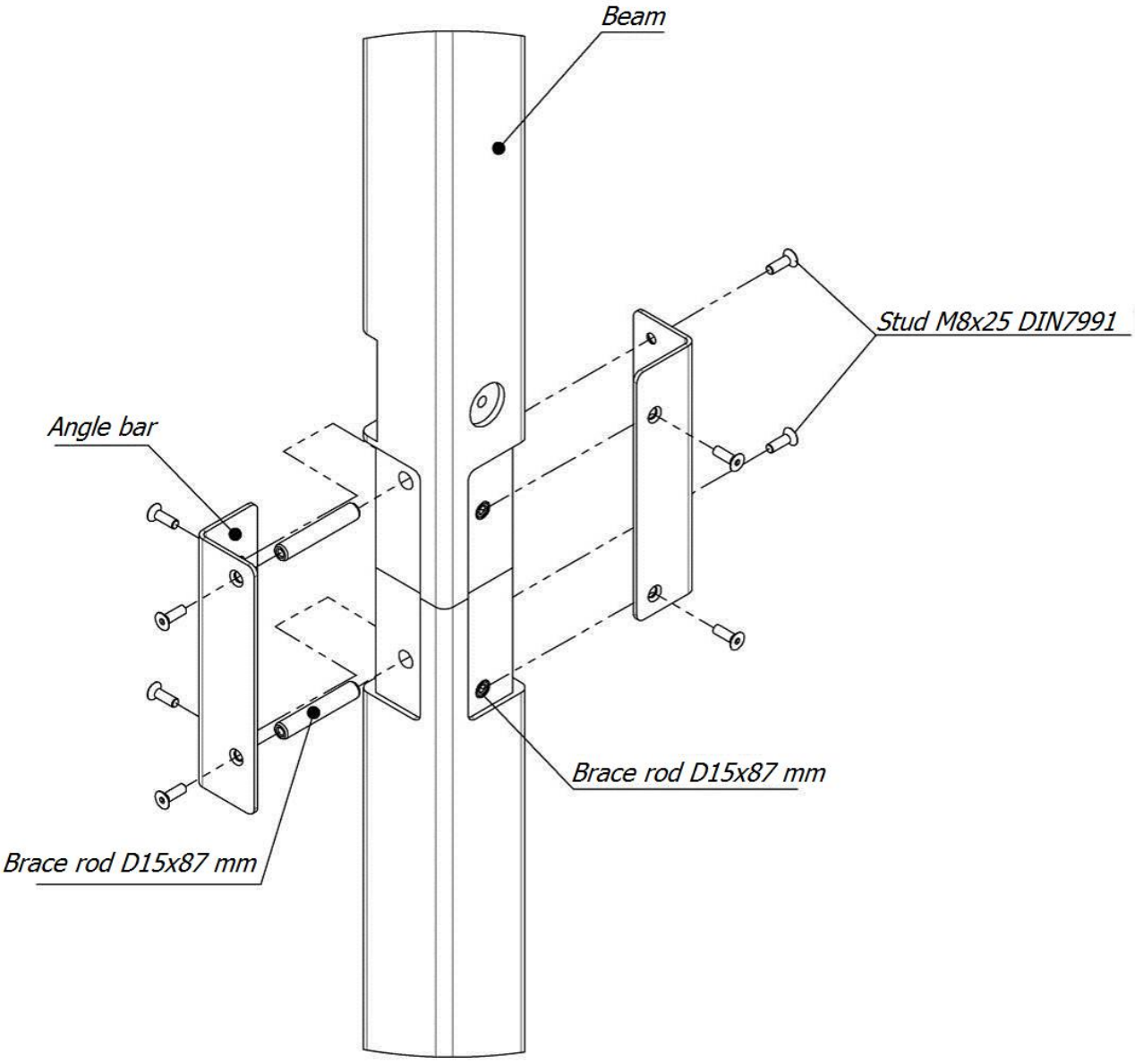

Bolt M8*130 GOST7802
Washer 10 GOST6958
Washer 10 GOST11371
Nut M8 GOST5915
Screw with drill 4.8x32 DIN7504P
Screw 6.0x60 SPAX
A
A
Bolt M8*130 GOST7802
Washer 10 GOST6958
Washer 10 GOST11371
Nut M8 GOST5915
Washer 8 GOST6958
Screw 8x140 GOST11473
Washer 10 GOST6958
Washer 10 GOST11371
Screw 8x140 GOST11473



Picture 17 – Assembly scheme of multi-level tower. (Additionally assembly scheme is in Appendix)

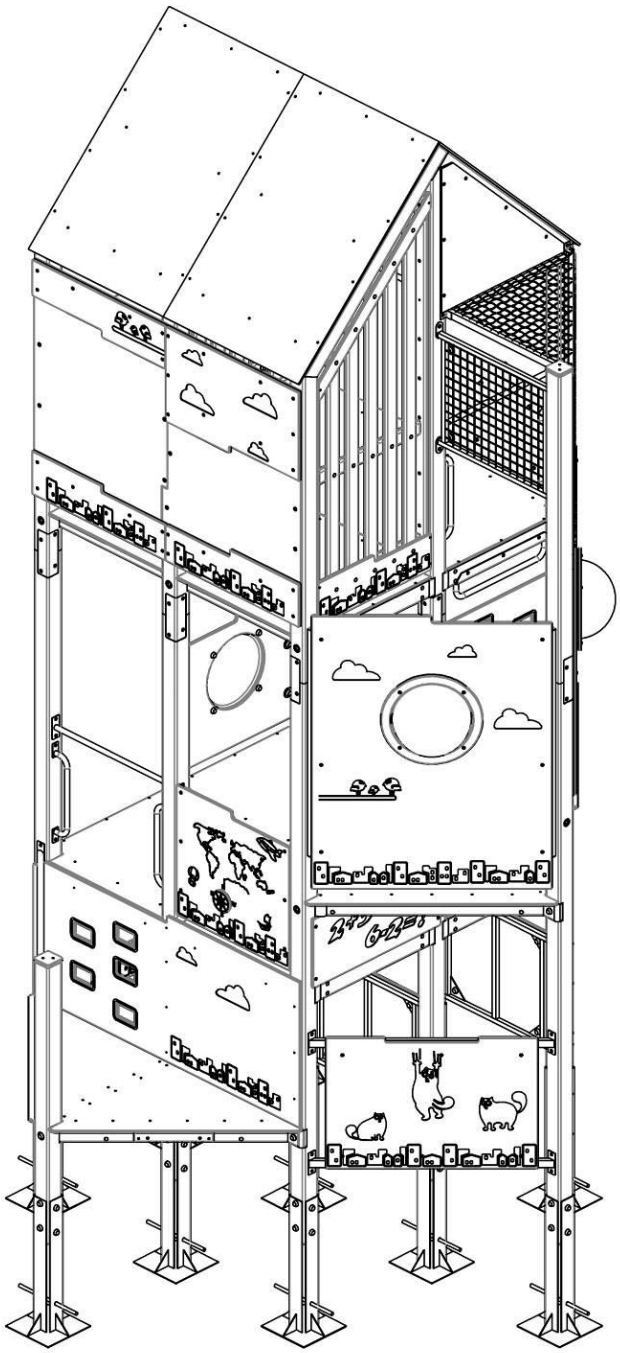


Picture 18 – Assembly scheme of support with beam

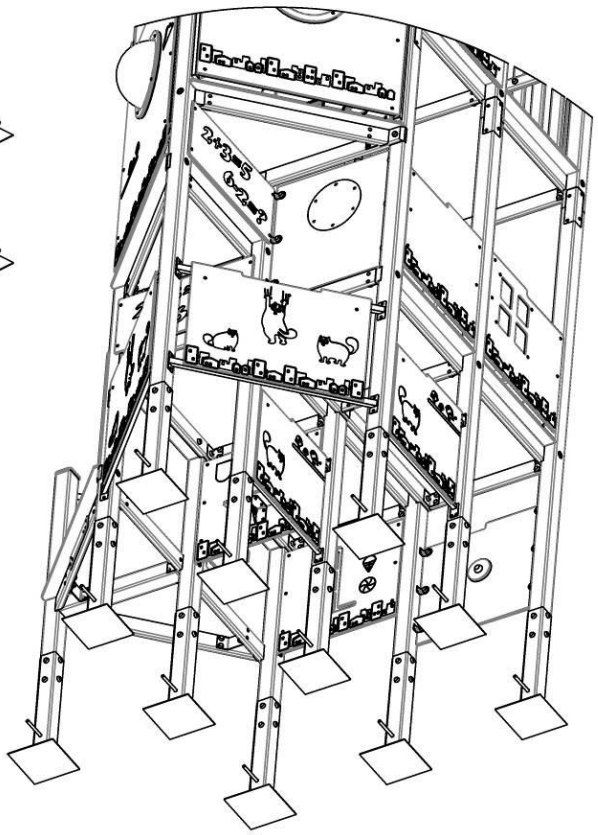


Picture 19 – Assembly scheme of two beams

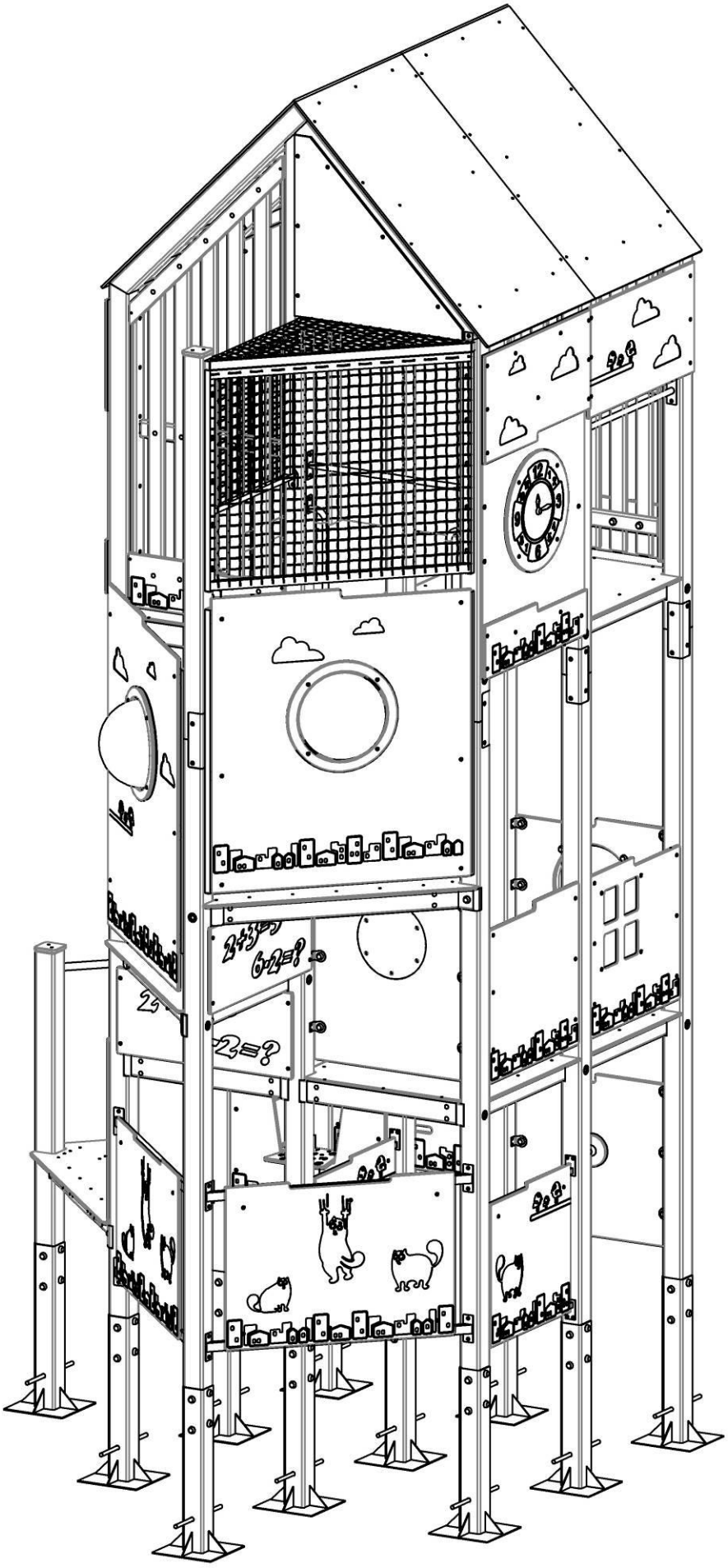
External view of panels and their layout for multi-level tower (2,8x2,8x6m)
(Additionally layout of panels is in Appendix)



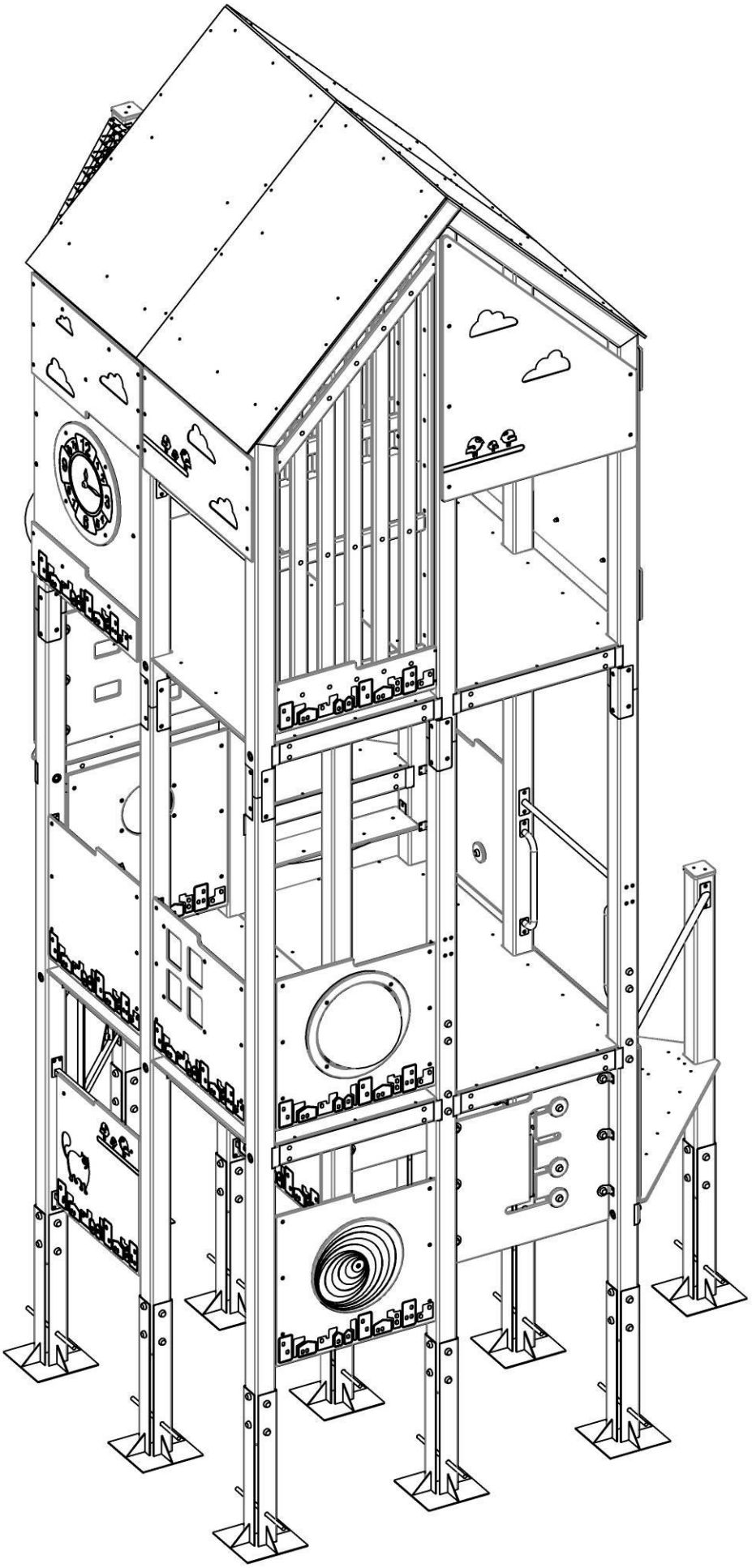
View from below



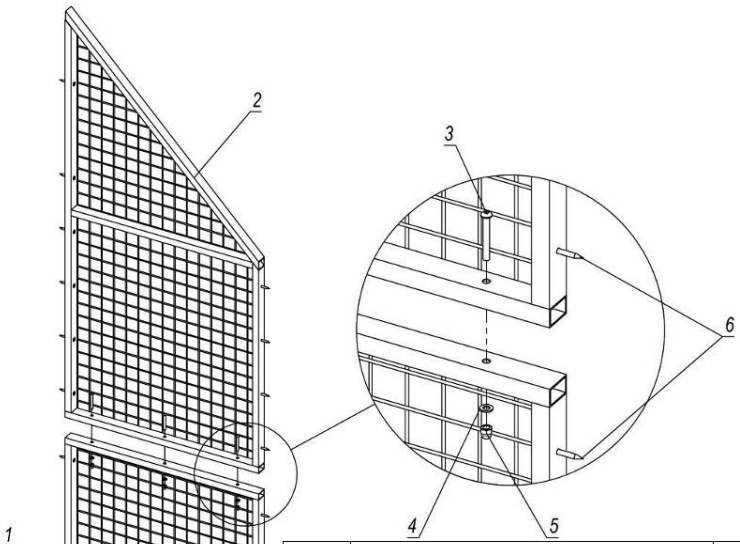
Picture 20



Picture 21

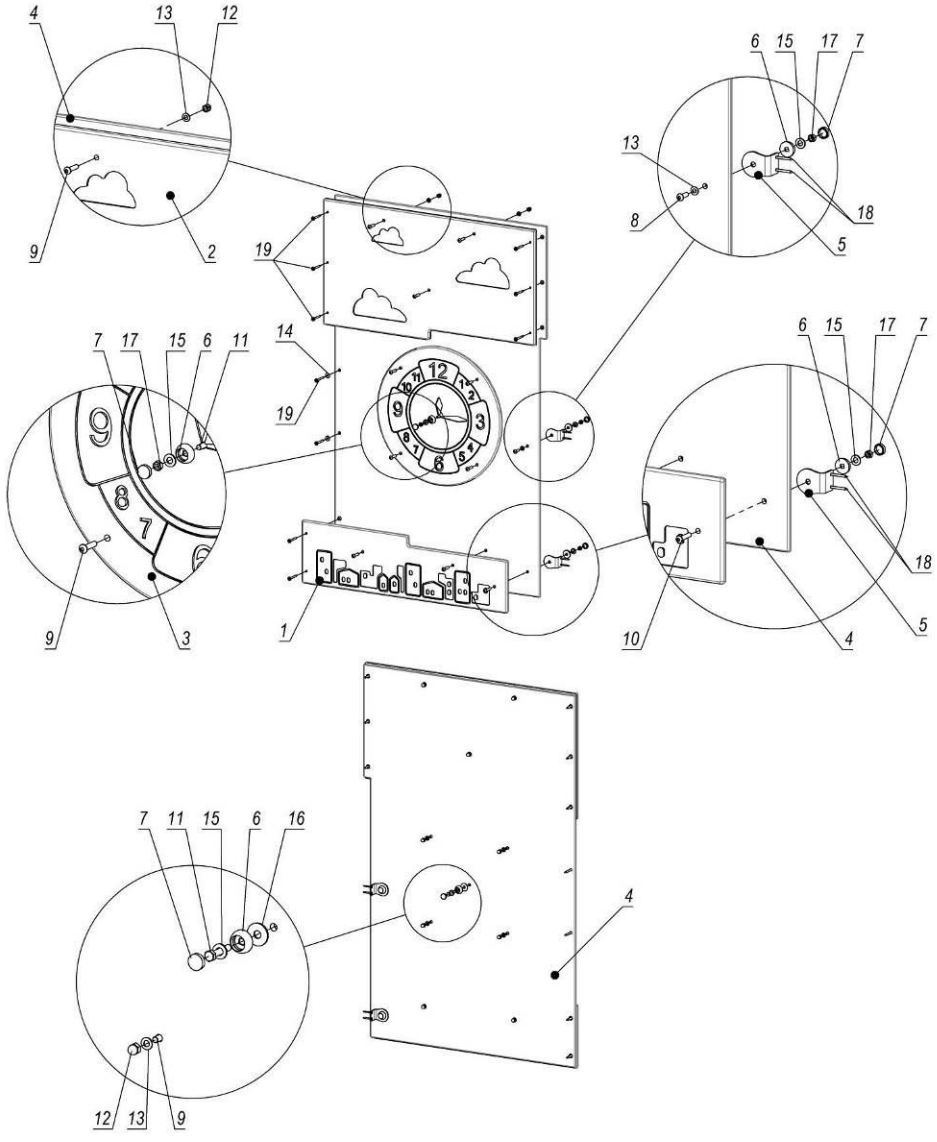


Picture 22



Pos.	Name	Weight, kg	Q-ty
1	Fence-mesh (0.8x1)	10	1
2	Fence-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

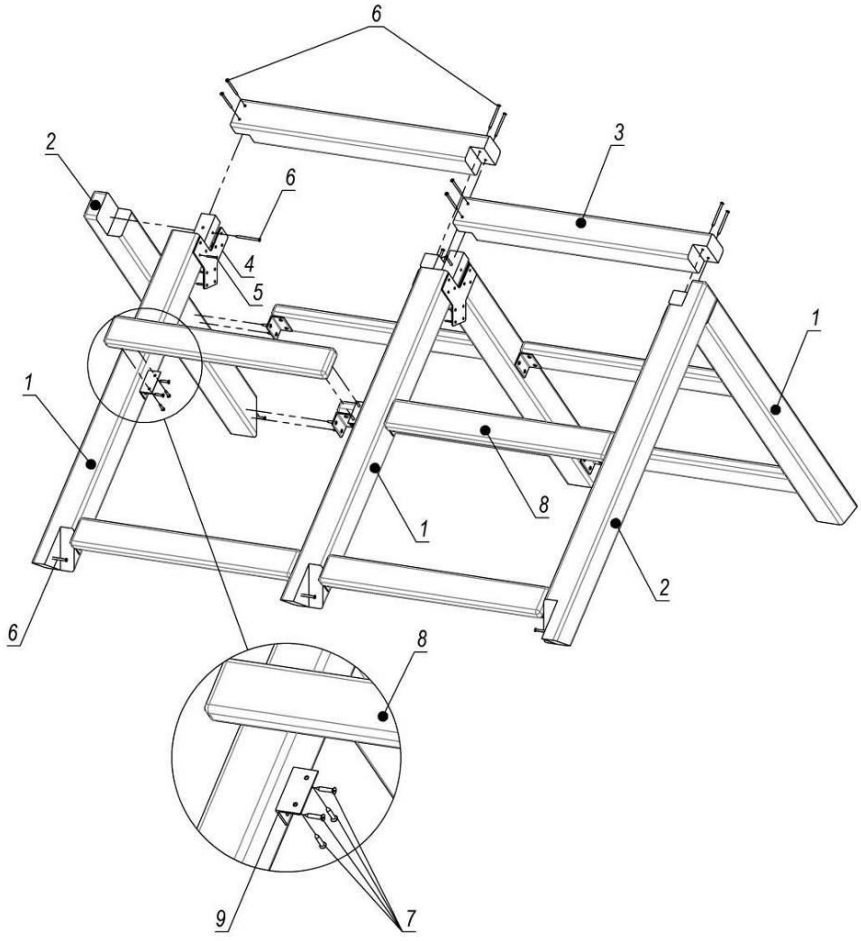
Picture 23 – Assembly scheme of fence-mesh



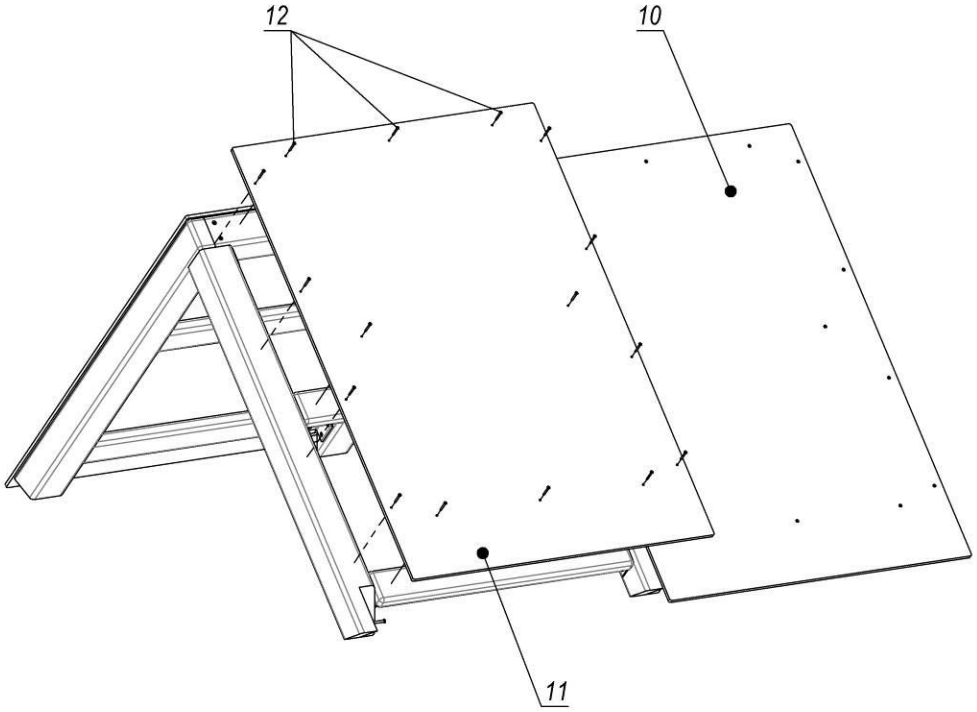
Picture 24 – Assembly scheme of panel with clock

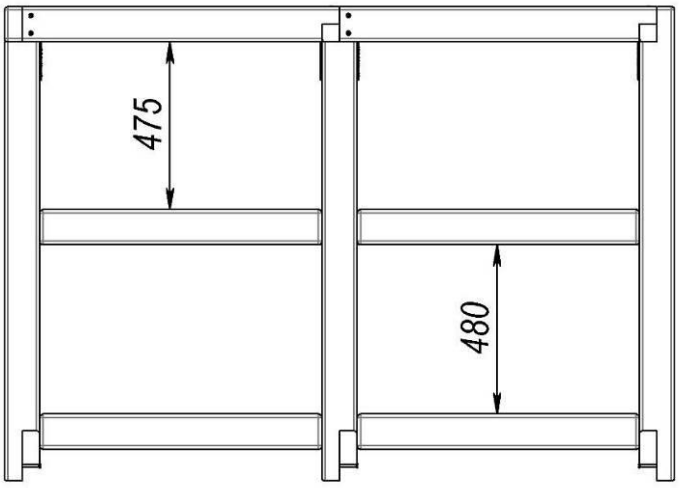
Table №2 – Completeness of panel with clock

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



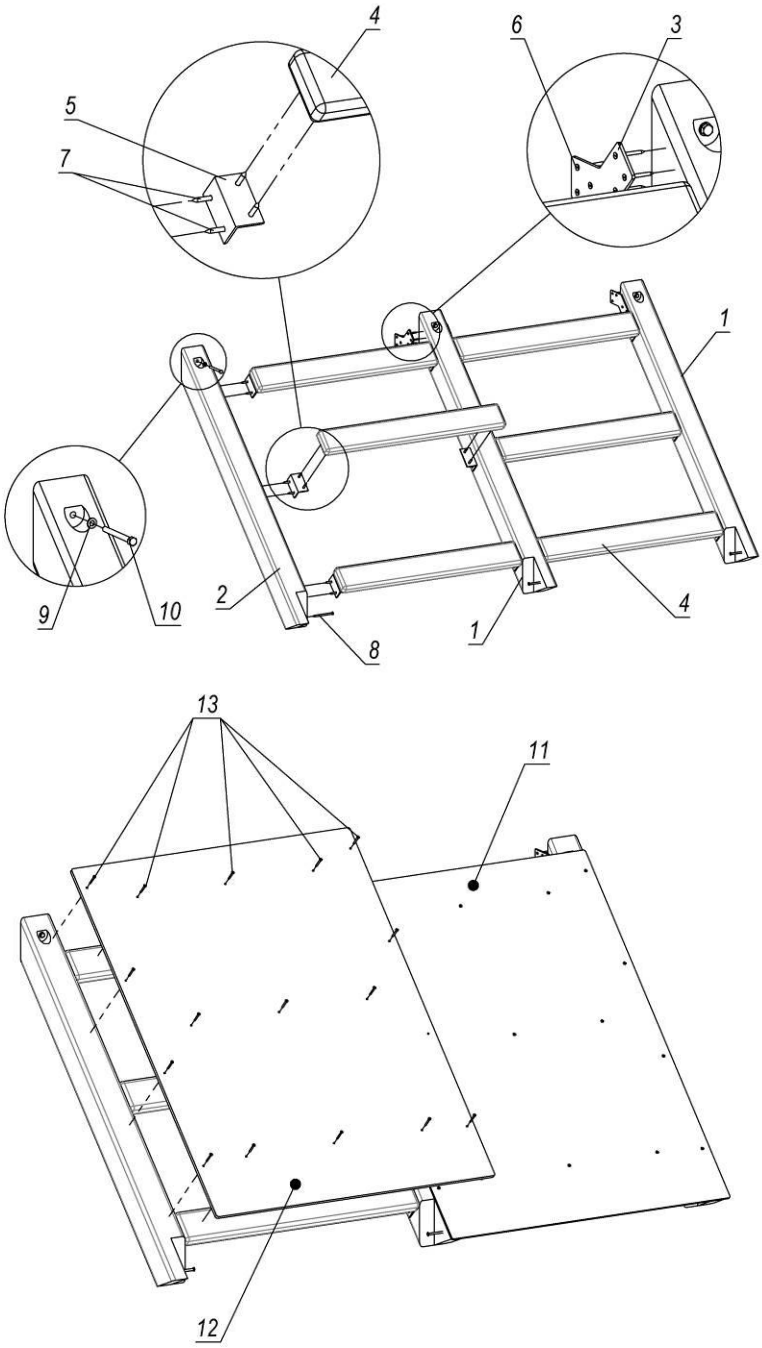
Picture 25





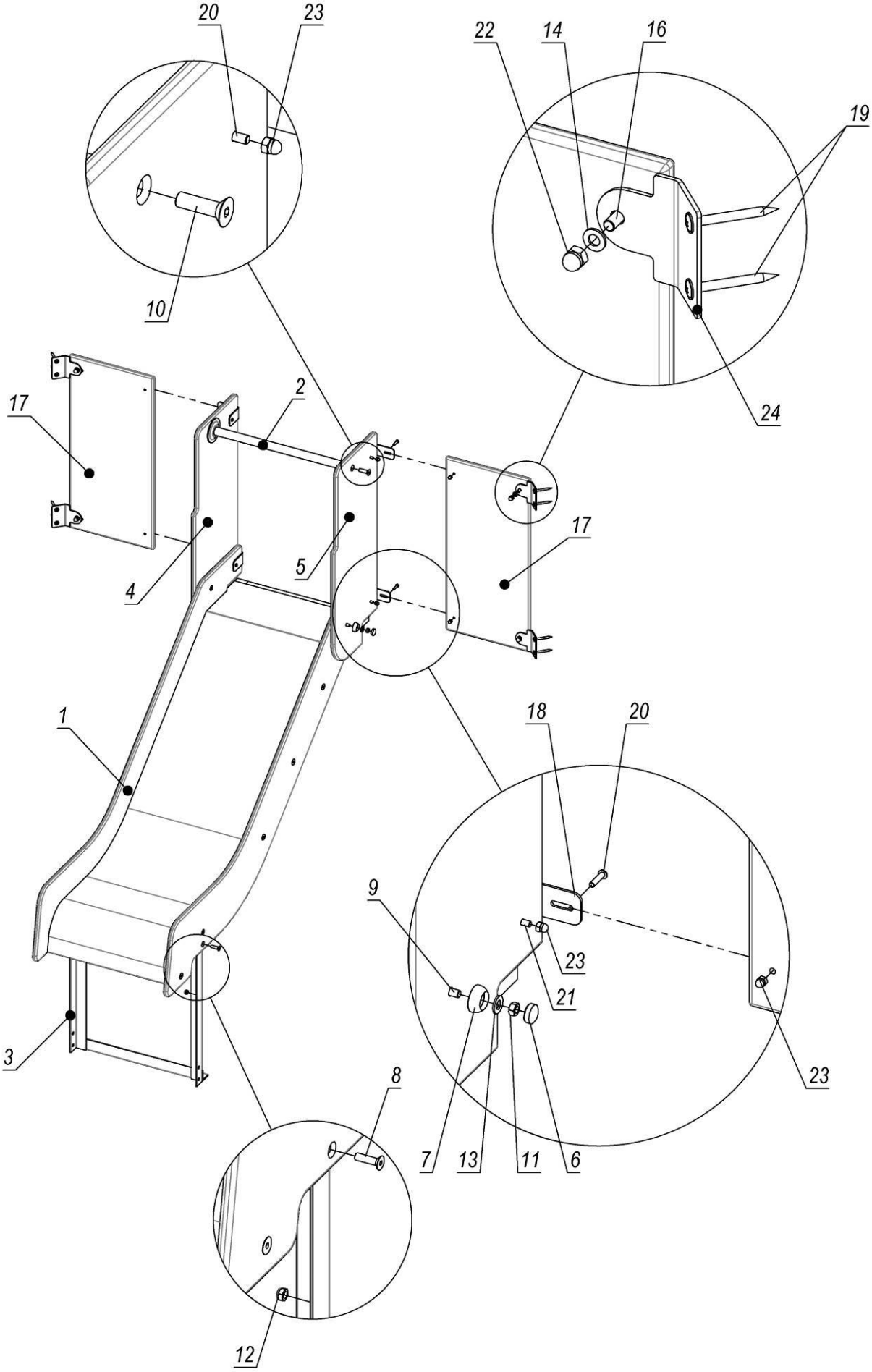
Pos.	Name	Weight, kg	Q-ty
1	Rear pediment	7	4
2	Front pediment	7	2
3	Ridge (100x100x900)	5	2
4	Two-sided angle bar		4
5	Screw 4x40 GOST1145		40
6	Screw 6x90 GOST1145		18
7	Screw 6x35 GOST1145		64
8	Support	2	8
9	Angle bar 80 mm		16
10	Roof slope (950x1400)	14	2
11	Roof slope (950x1400)	14	2
12	Screw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

Picture 25.1 – Assembly scheme of big roof for multi-level tower (2x3m) and for (2,8x2,8x6m)

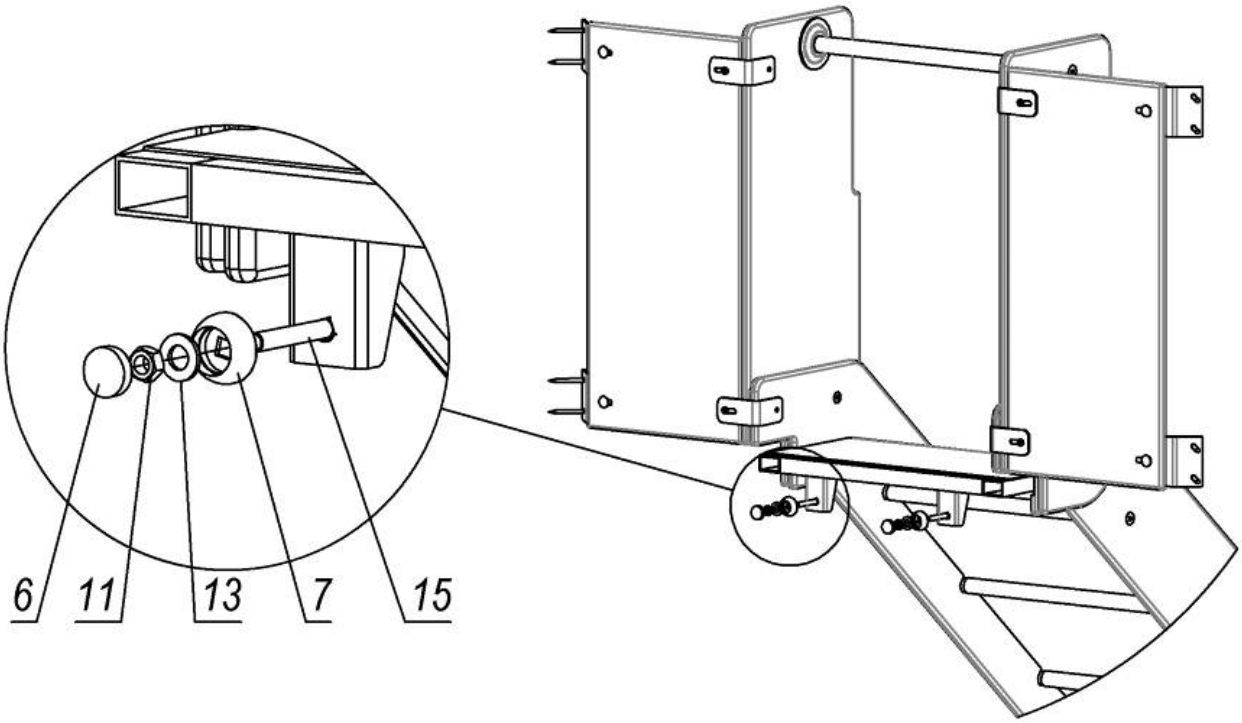


Pos.	Name	Weight, kg	Q-ty
1	Right pediment	7	2
2	Left pediment	7	1
3	One-sided angle bar		4
4	Support	2	6
5	Angle bar 80 mm		12
6	Screw 4x40 GOST1145		24
7	Screw 6x35 GOST1145		48
8	Screw 6x90 GOST1145		3
9	Washer 8 GOST11371		3
10	Screw 8x90 GOST11473		3
11	Roof slope (950x1220)	7	1
12	Roof slope (950x1220)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

Picture 26 – Assembly scheme of slope for multi-level tower (2x3m)

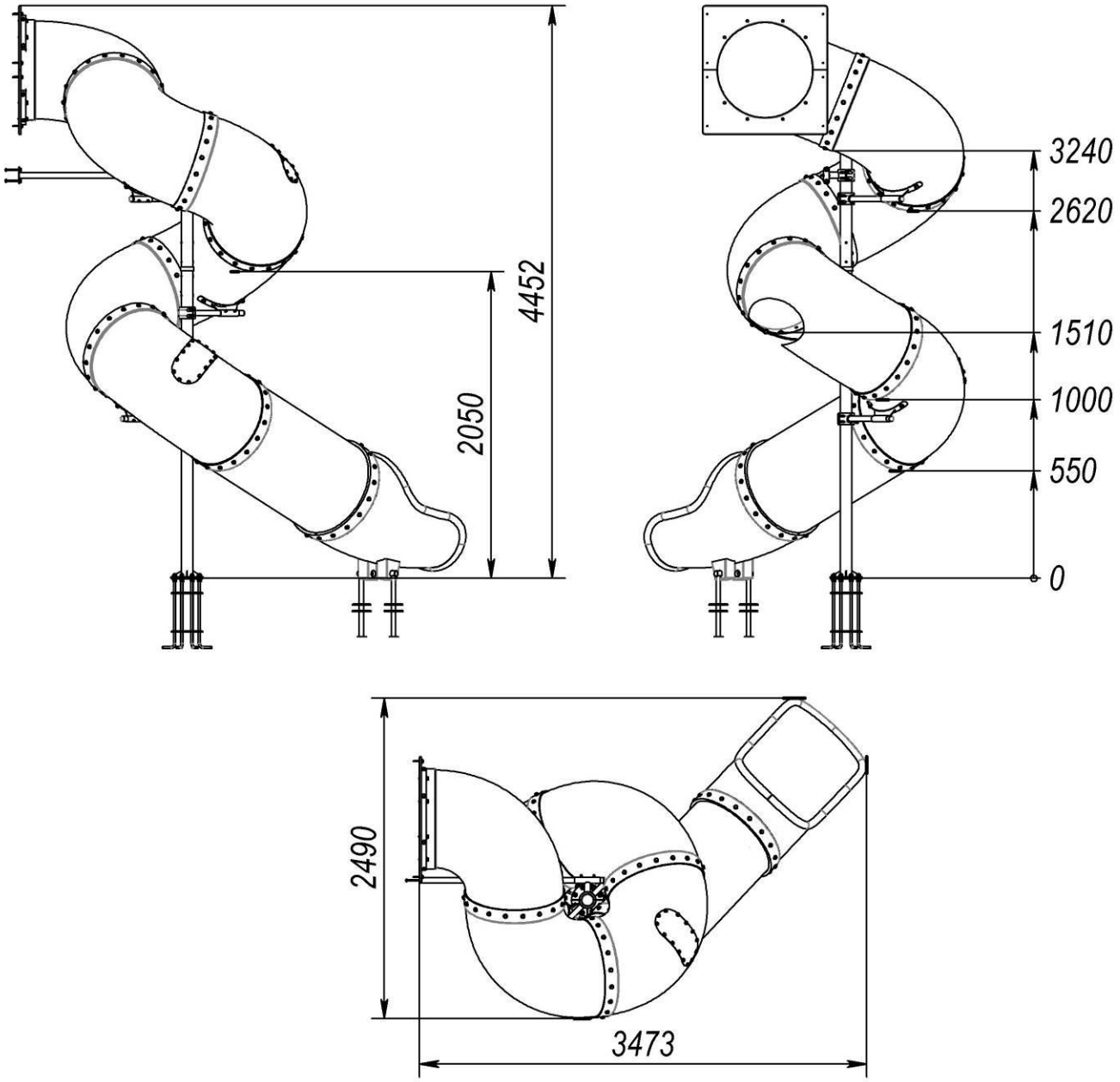


Picture 27

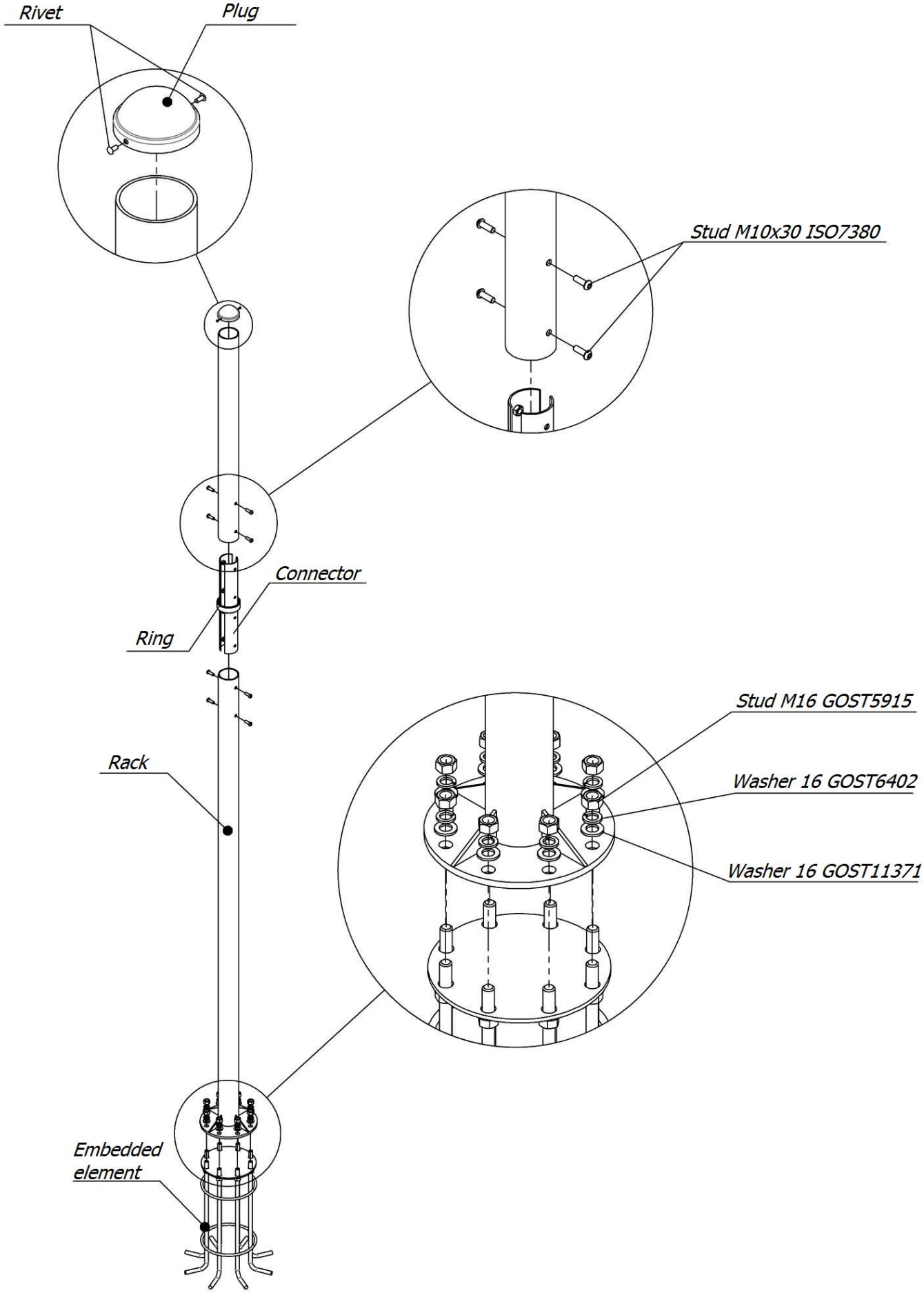


Pos.	Name	Weight, kg	Q-ty
1	Slide 0.7 m	21	1
2	Brace rod 493 mm	1	1
3	Slide embedded element (angle bar)	5	1
4	Upper right sidewall	3	1
5	Upper right sidewall	3	1
6	Cap M8		4
7	Cup M8		4
8	Stud M8x30 DIN7991	14	4
9	Stud M8x40 DIN7991	18	2
10	Stud M10x35 DIN7991	26	2
11	Nut M8 GOST5915		4
12	Nut M8 DIN985		4
13	Washer 10 GOST11371		4
14	Washer 8 GOST11371		4
15	Bolt M8*55 GOST7802		2
16	Bolt M8*30 GOST7802		4
17	Partition (306-650)	3	2
18	Slide angle bar		4
19	Screw 6.0x60 SPAX T-STAR plus with press washer (univers.)		8
20	Stud M6x25 ISO7380		6
21	Stud M6x40 ISO7380		2
22	Cap nut M8 DIN1587		4
23	Cap nut M6 DIN1587		8
24	Angle bar 135 degrees		4

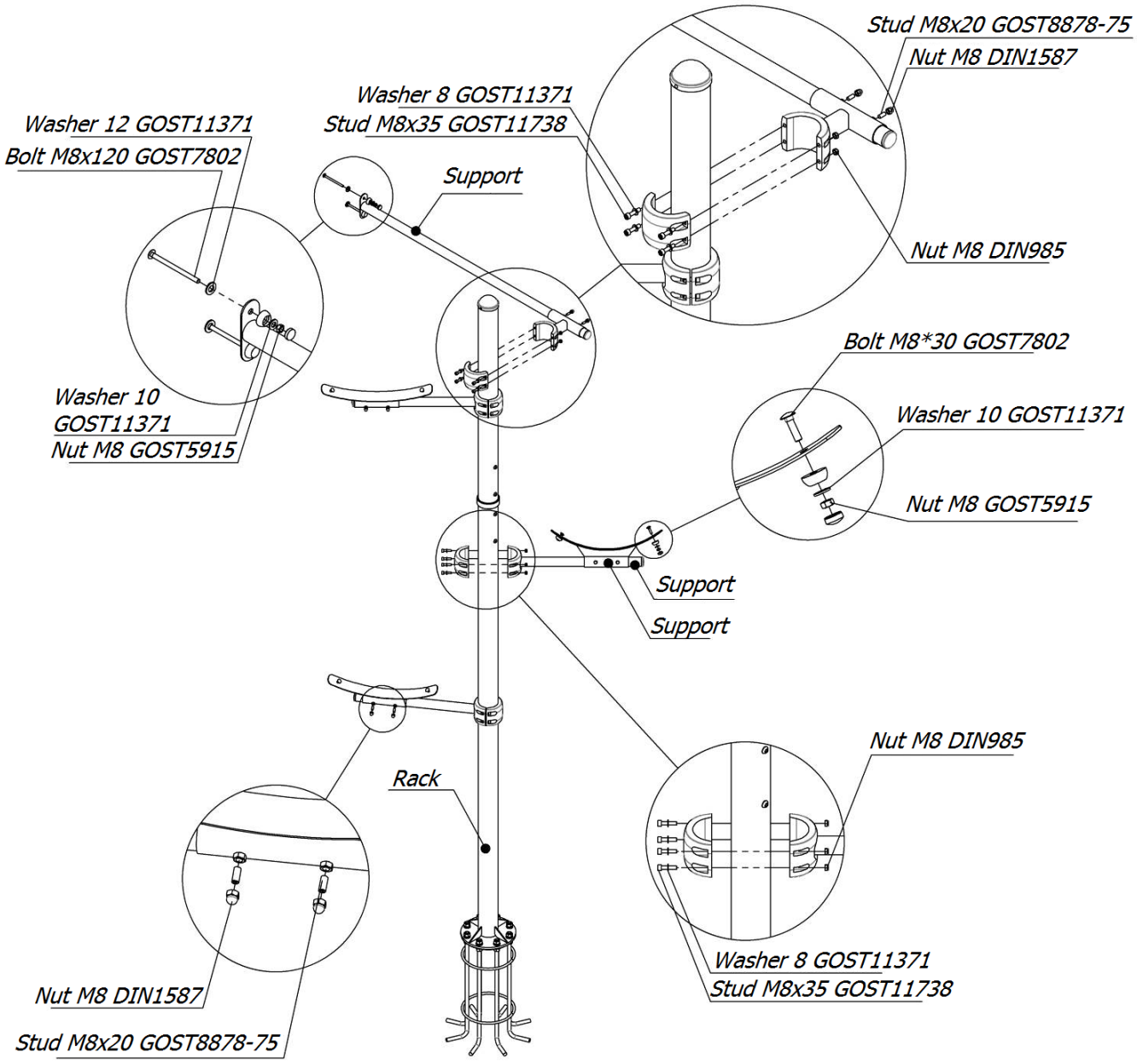
Picture 27.1 – Assembly scheme of slide 0,7 double



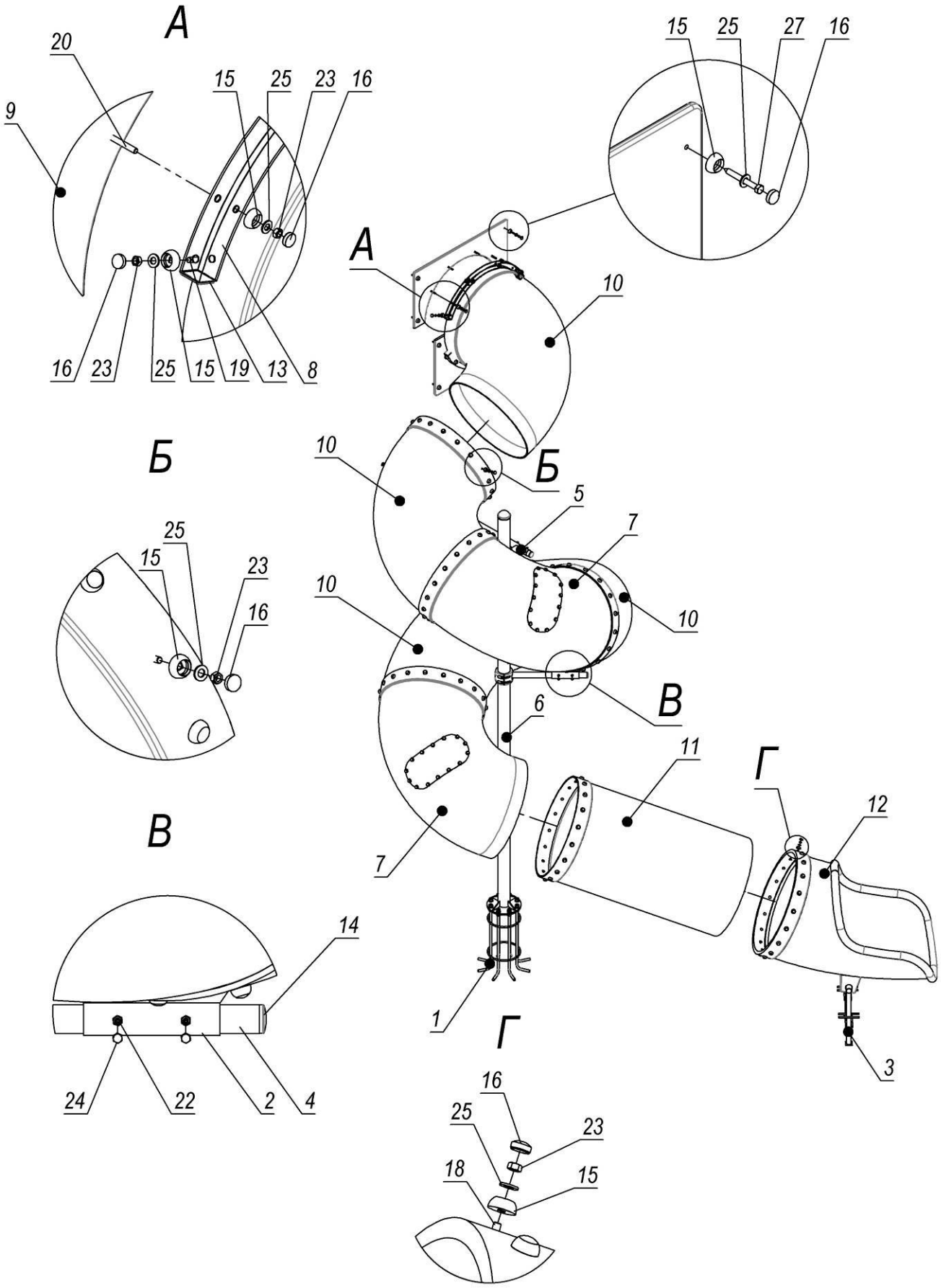
Picture 28 – Overall dimensions



Picture 29 – Rack assembly scheme



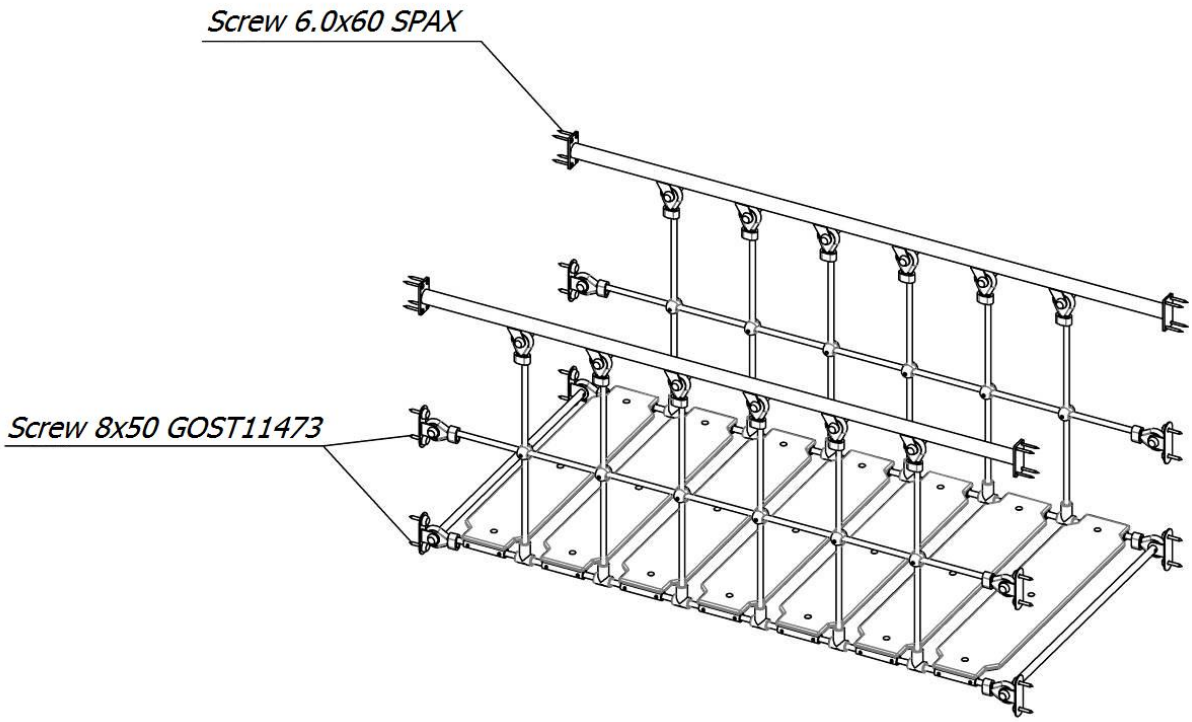
Picture 30 – Connecting scheme of supports



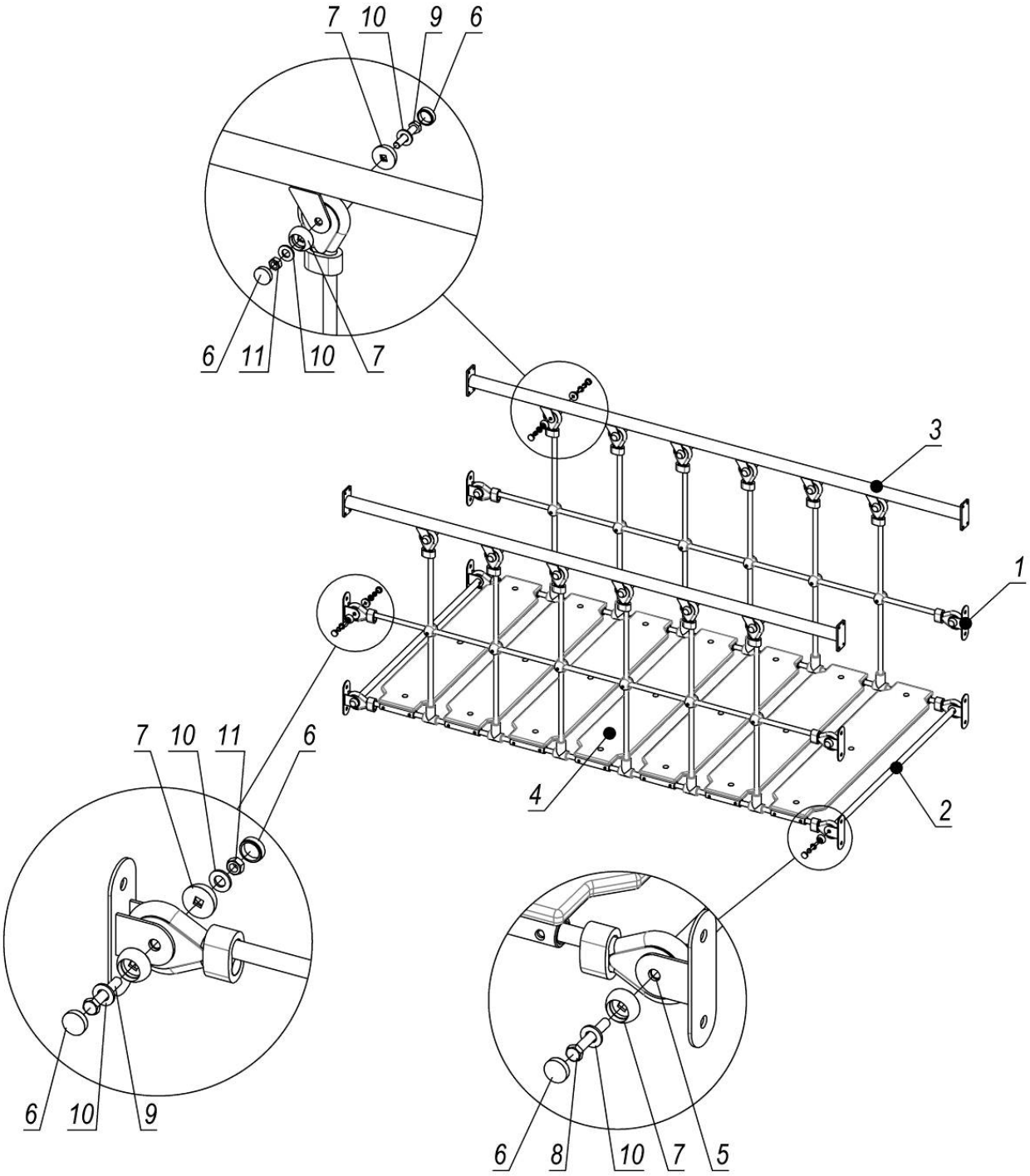
Picture 31 – Connecting scheme of tubes

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	Straight tube 760	30	1
12	Tube whistle 760	49	1
13	Plug 40x40		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

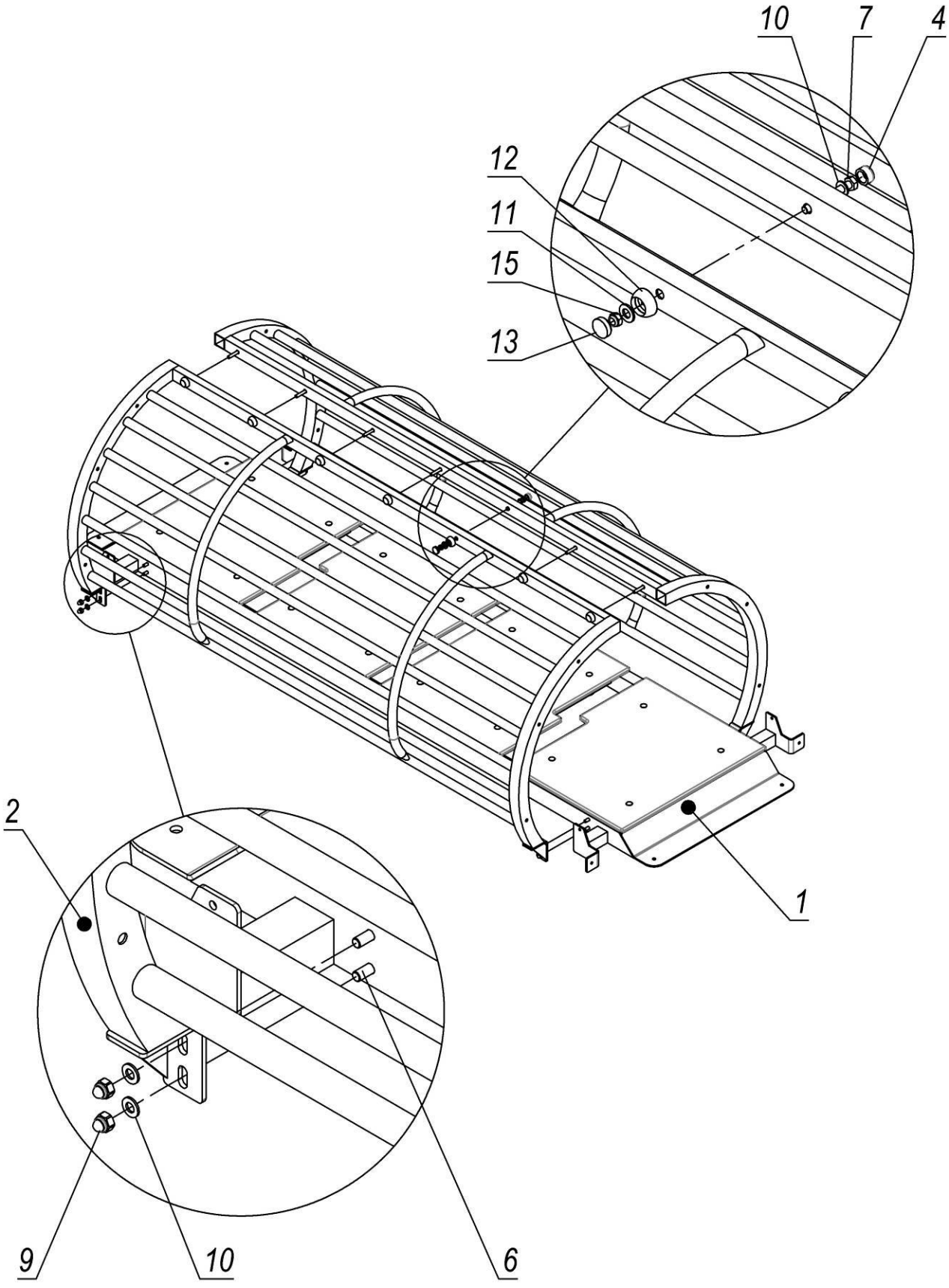


Picture 32 – Fastening scheme of rope straight bridge

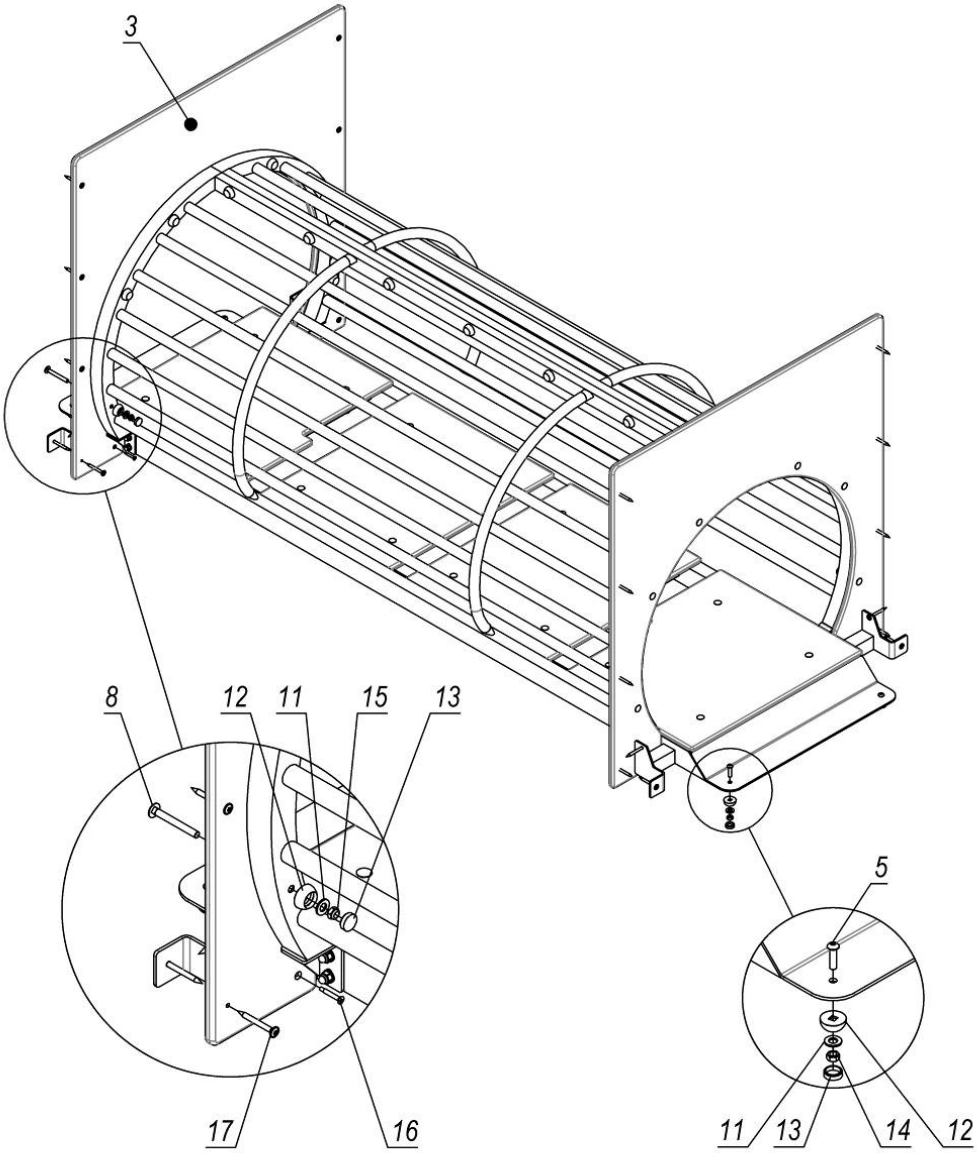


Pos.	Name	Weight, kg	Q-ty
1	Rope bracket		8
2	Brace rod-limiter (DN15)		2
3	Railing	6	2
4	Rope straight bridge mesh	40	1
5	Tube d12x1.5 GOST10704, L=22mm		20
6	Cap M8		36
7	Cup M8		36
8	Bolt M8*55 GOST7798		4
9	Bolt M8*45 GOST7798		16
10	Washer 10 GOST11371		36
11	Nut M8 GOST5915		16

Picture 32.1 – Assembly scheme of rope straight bridge

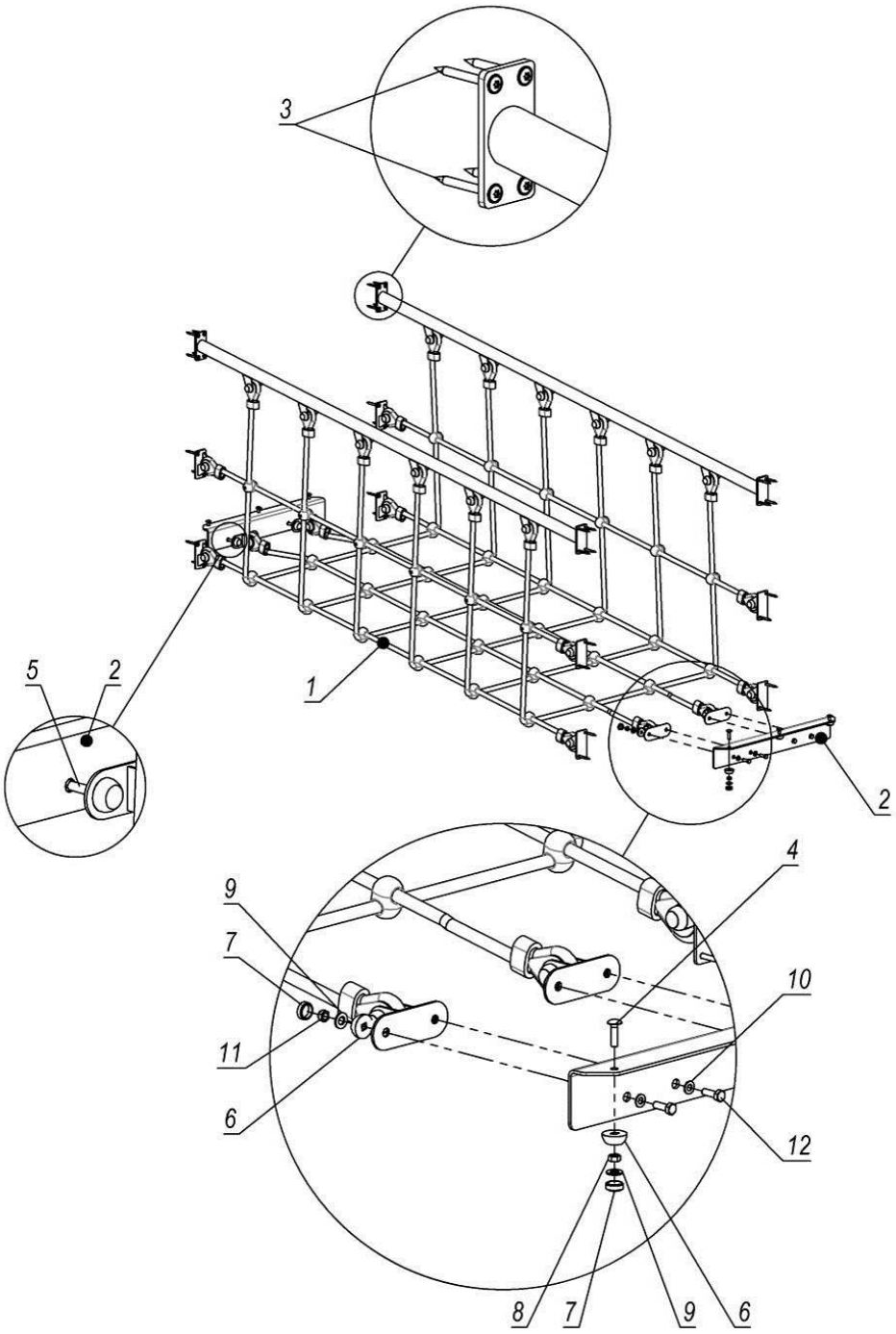


Picture 33 – Assembly scheme of tunnel lap



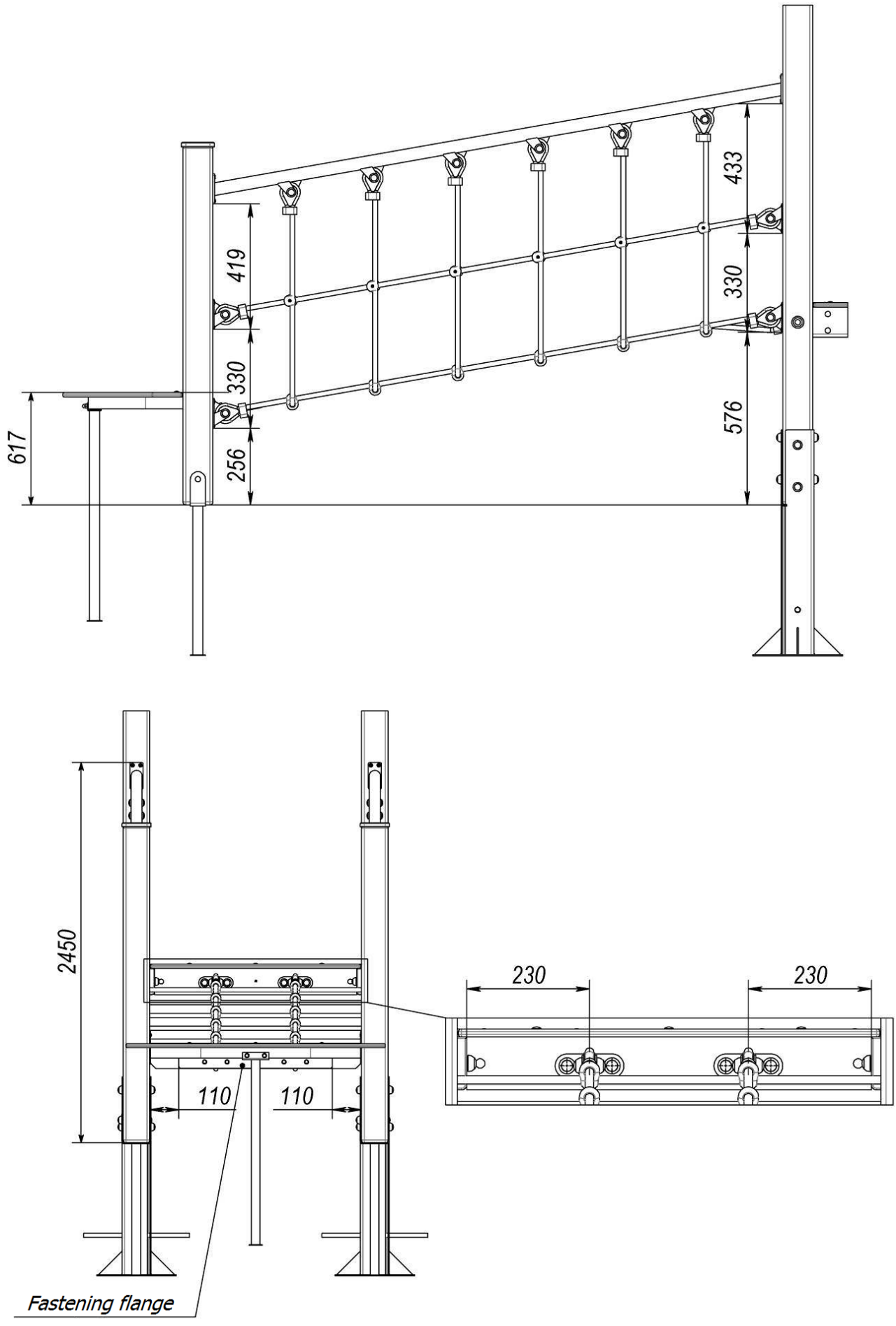
Pos.	Name	Weight, kg	Q-ty
1	Crossing	47	1
2	Tunnel lap	29	2
3	Crossing entrance	7	2
4	Cap S13		7
5	Stud M8x30 ISO7380		4
6	Stud M8*55 GOST11738		8
7	Bolt M8*65 GOST7798		7
8	Bolt M8x70 GOST7802		12
9	Cap nut self-locking M8 DIN986		8
10	Washer 8 GOST11371		15
11	Washer 10 GOST11371		23
12	Cup M8		23
13	Cap M8		23
14	Nut M8 GOST5915		4
15	Nut M8 DIN985		19
16	Screw with drill 4.8x32 DIN7504P		4
17	Screw 6.0x60 SPAX T-STAR plus (univers.)		24

(For bolts M8x70 GOST7802 drill holes at the assembly site)
Picture 33.1 – Completeness and assembly scheme of crossing

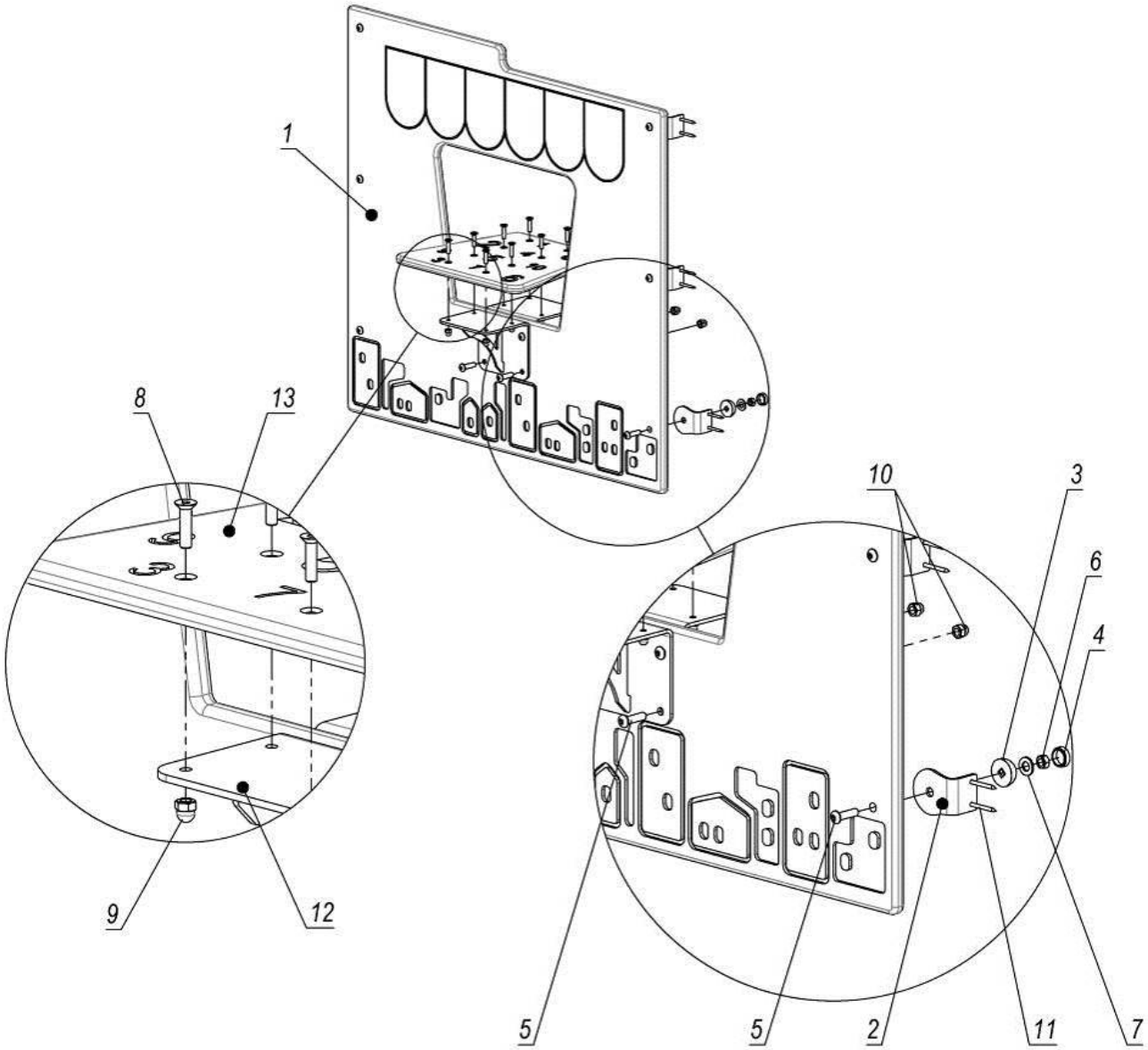


Pos.	Name	Weight, kg	Q-ty
1	Rope bridge 0.95x1.9	30	1
2	Fastening flange 580 mm	2	2
3	Screw 6.0x60 SPAX T-STAR plus (univers.)		32
4	Bolt M8*30 GOST7802		6
5	Bolt M8*60 GOST7802		4
6	Cup M8		14
7	Cap M8		14
8	Nut M8 GOST5915		6
9	Washer 10 GOST11371		14
10	Washer 8 GOST11371		4
11	Nut M8 DIN985		8
12	Bolt M8*25 GOST7798		4

Picture 34 – Assembly scheme of rope bridge

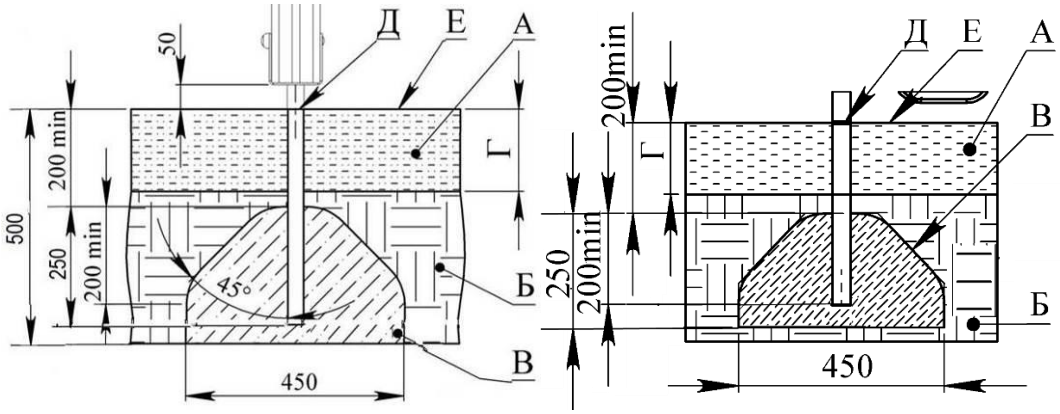


Picture 34.1 – Fastening scheme of rope bridge



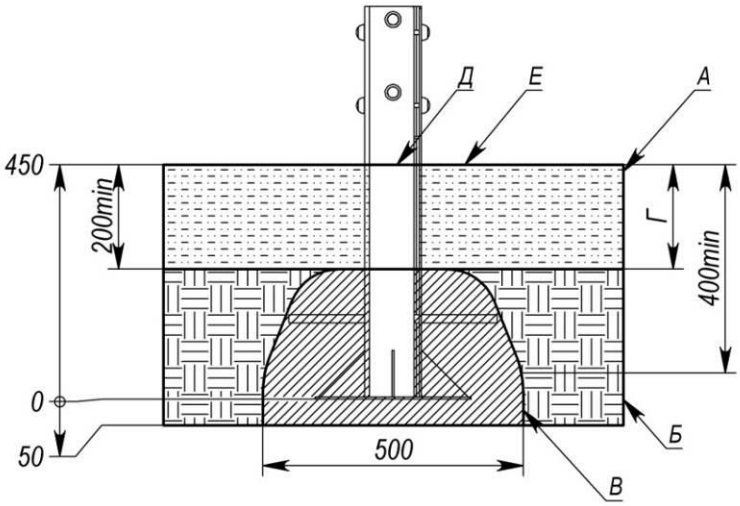
Pos.	Name	Weight, kg	Q-ty
1	Panel "Showcase" 0.75m	7	1
2	Corner bracket 40x60		6
3	Cup M8		6
4	Cap M8		6
5	Stud M8x30 ISO7380		10
6	Nut M8 GOST5915		6
7	Washer 10 GOST11371		6
8	Stud M6x25 DIN7991		8
9	Cap nut M6 DIN1587		8
10	Cap nut M8 DIN1587		4
11	Screw 4x40 GOST1145		12
12	Showcase angle bar		2
13	Table with numbers		1

Picture 35 – Assembly scheme of panel «Showcase»
(Fastening of other panels is identical)



For beam supports and other elements

for slides of the complex



For beams of multi-level tower

А - shock-absorbing coating;

Б – soil;

В – concrete;

Г - depth of the shock absorbing coating;

Д - product level plane;

Е – game surface.

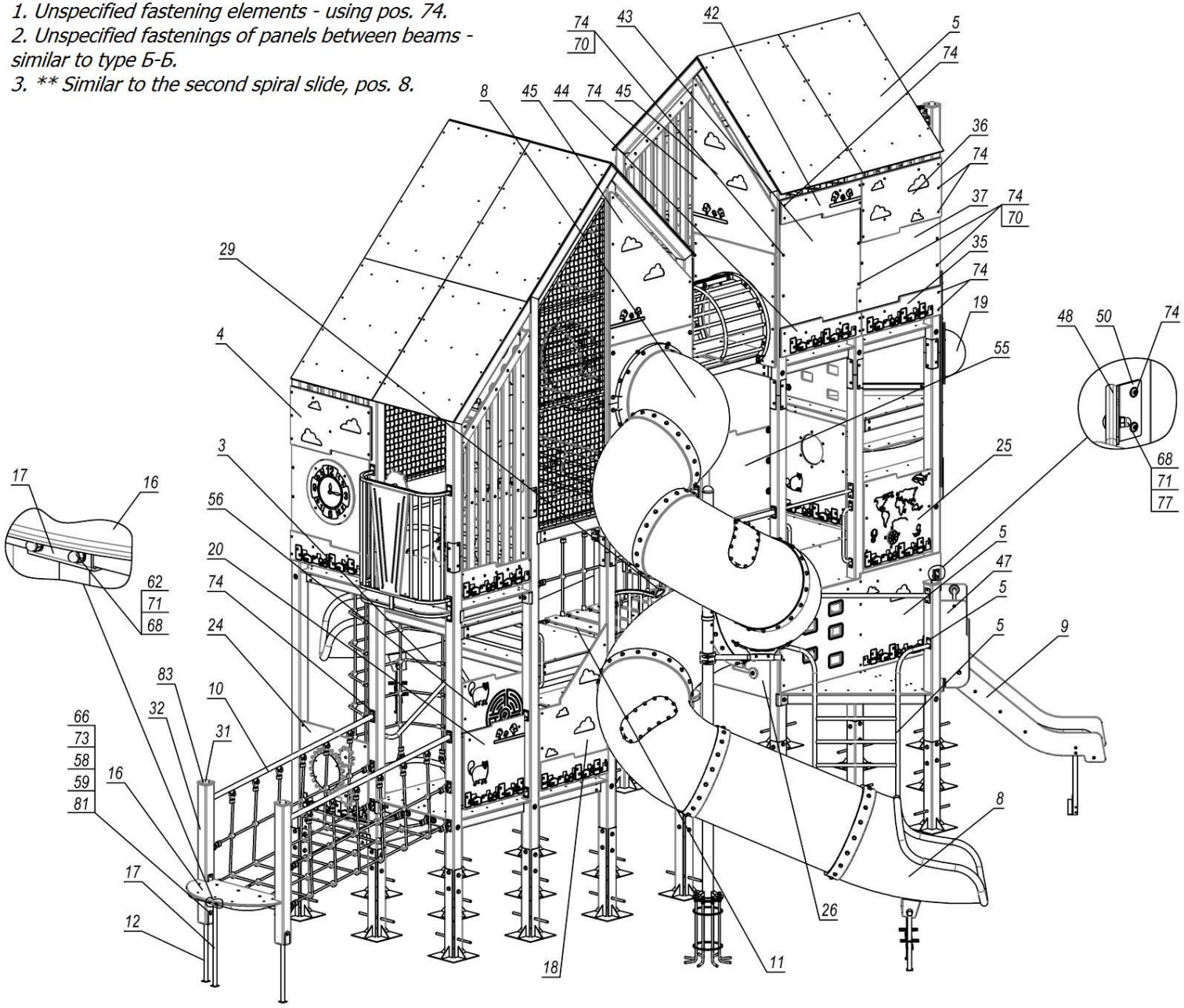
Examples of impact-absorbing coatings

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 36 – Concreting scheme

1. Unspecified fastening elements - using pos. 74.
2. Unspecified fastenings of panels between beams - similar to type Б-Б.
*3. ** Similar to the second spiral slide, pos. 8.*

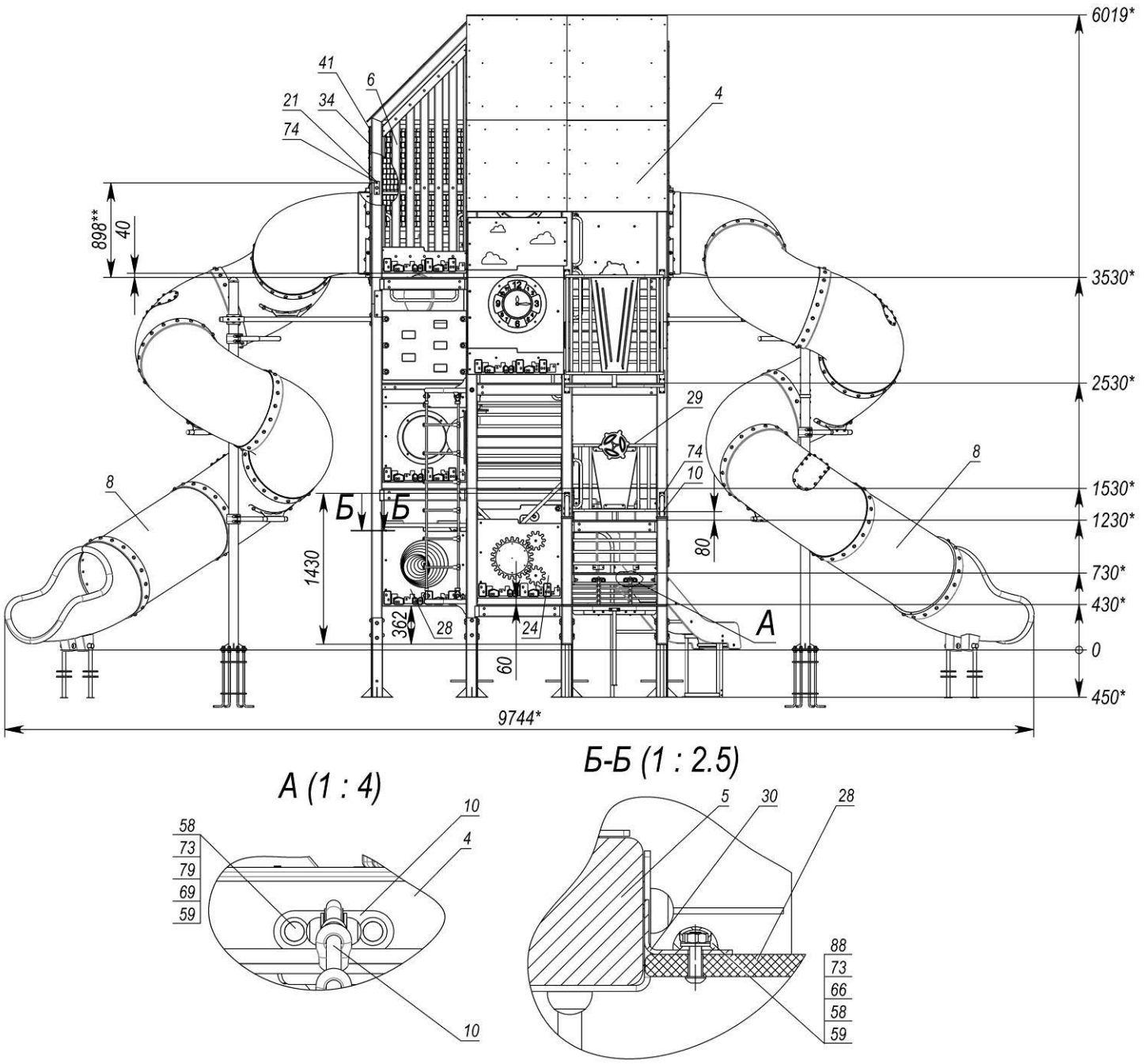


Picture 37

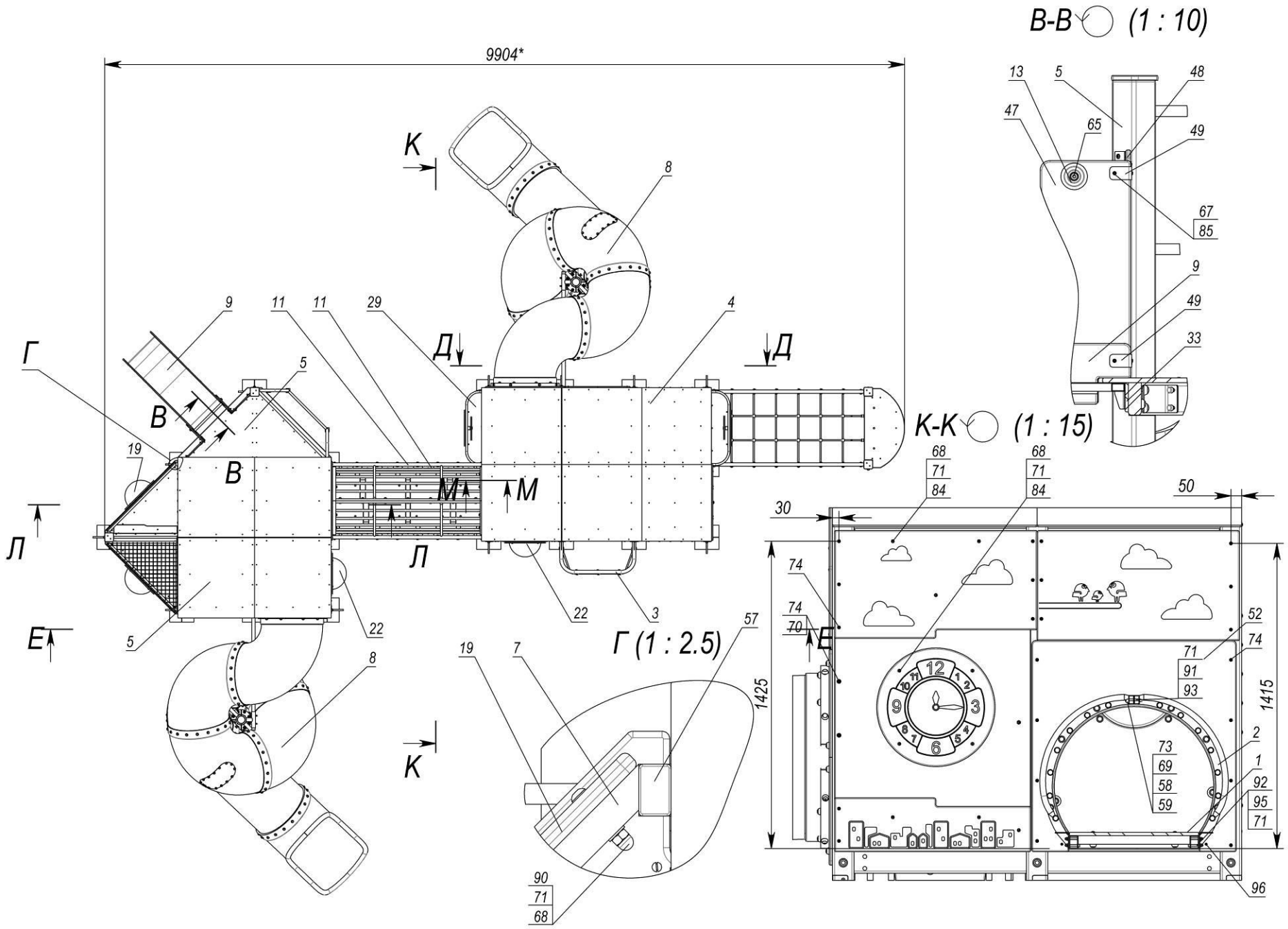
Pos.	Name	Weight, kg	Q-ty
1	Crossing	48	1
2	Tunnel lap	29	2
3	Vertical rope net	24	1
4	Multi-level tower (2x3m)	1176	1
5	Multi-level tower (2.8*2.8*6m)	1029	1
6	Wooden corner right fence	24	2
7	Panel frame	12	1
8	Slide Ukrhimplast 3.5m	319	2
9	Slide 0.7m	21	1
10	Rope bridge 0.95x1.9	30	1
11	Rope straight bridge	57	1
12	Beam support	2	2
13	Brace rod 493mm	1	1
14	Slide embedded element (angle bar)	5	1
15	Handle		1
16	Platform (0.9m)	11	1
17	Platform support	2	1
18	Panel with clouds	13	1
19	Corner panel with porthole	28	1
20	Fence-plastic 0.8m	13	2
21	Brace rod 0.8m	1	3
22	Panel with porthole	10	2
23	Panel with windows	8	1
24	Panel "Gear wheels" (0.75m) assembly	12	1
25	Panel "World map" (0.75m) assembly	8	1
26	Panel "Sweets" (0.75m) assembly	8	1
27	Showcase angle bar		2
28	Panel "Illusion" assembly	11	1
29	Balcony (0.9m) plastic	22	1
30	Corner bracket 40x60		71
31	Cap on bar		2
32	Beam 1200 mm	7	2
33	Slide substrate		1
34	Coverings over slide	7	2
35	Upper cover plate (0.25m)	3	1
36	Upper cover plate with clouds	7	1
37	Panel (0.94x1.35)	14	1
38	Cover plate "Clock"	3	2
39	Transparent panel (0.94x1.48)	15	2
40	Lower panel Misto	3	2
41	Upper panel with clouds	6	2
42	Upper panel bird	3	1
43	Panel (0.94x1.35)	14	1
44	Lower panel	3	1
45	Coverings over slide	12	2
46	Upper left sidewall	3	1
47	Upper right sidewall	3	1
48	Partition (306x705)	3	2

Pos.	Name	Weight, kg	Q-ty
49	Slide angle bar		4
50	Angle bar 135 degrees		4
51	Fastening flange 580 mm	2	2
52	Crossing entrance	7	2
53	Panel "Showcase" 0.75m	7	1
54	Table with numbers		1
55	Shield fence		1
56	Panel "Labyrinth" 0.75m	8	1
57	Plug 40x25		4
58	Cap M8		134
59	Cup M8		134
60	Bolt M8*25 GOST7798		4
61	Bolt M8*45 GOST7798		2
62	Bolt M8*55 GOST7798		2
63	Stud M8x30 DIN7991		4
64	Stud M8x40 DIN7991		2
65	Stud M10x35 DIN7991		2
66	Nut M8 GOST5915		89
67	Cap nut M6 DIN1587		16
68	Cap nut M8 DIN1587		44
69	Nut M8 DIN985		31
70	Washer 6 GOST6958		12
71	Washer 8 GOST11371		69
72	Washer 10 GOST6958		2
73	Washer 6 GOST11371		130
74	Screw 6.0x60 SPAX T-STAR plus (univers.)		259
75	Screw 8x50 GOST11473		16
76	Screw 8x70 GOST11473		8
77	Bolt M8*30 GOST7802		10
78	Bolt M8*45 GOST7802		2
79	Bolt M8*60 GOST7802		4
80	Bolt M8*65 GOST7802		2
81	Bolt M8*120 GOST7802		2
82	Stud M6x25 DIN7991		8
83	Screw 4x40 GOST1145		150
84	Stud M8x35 ISO7380		28
85	Stud M6x25 ISO7380		6
86	Stud M6x40 ISO7380		2
87	Stud M8x25 ISO7380		2
88	Stud M8x30 ISO7380		73
89	Stud M8x40 ISO7380		2
90	Stud M8x50 ISO7380		6
91	Cap S13		7
92	Stud M8*55 GOST11738		8
93	Bolt M8*65 GOST7798		7
94	Bolt M8x70 GOST7802		12
95	Cap nut self-locking M8 DIN986		8
96	Screw with drill 4.8x32 DIN7504P		4

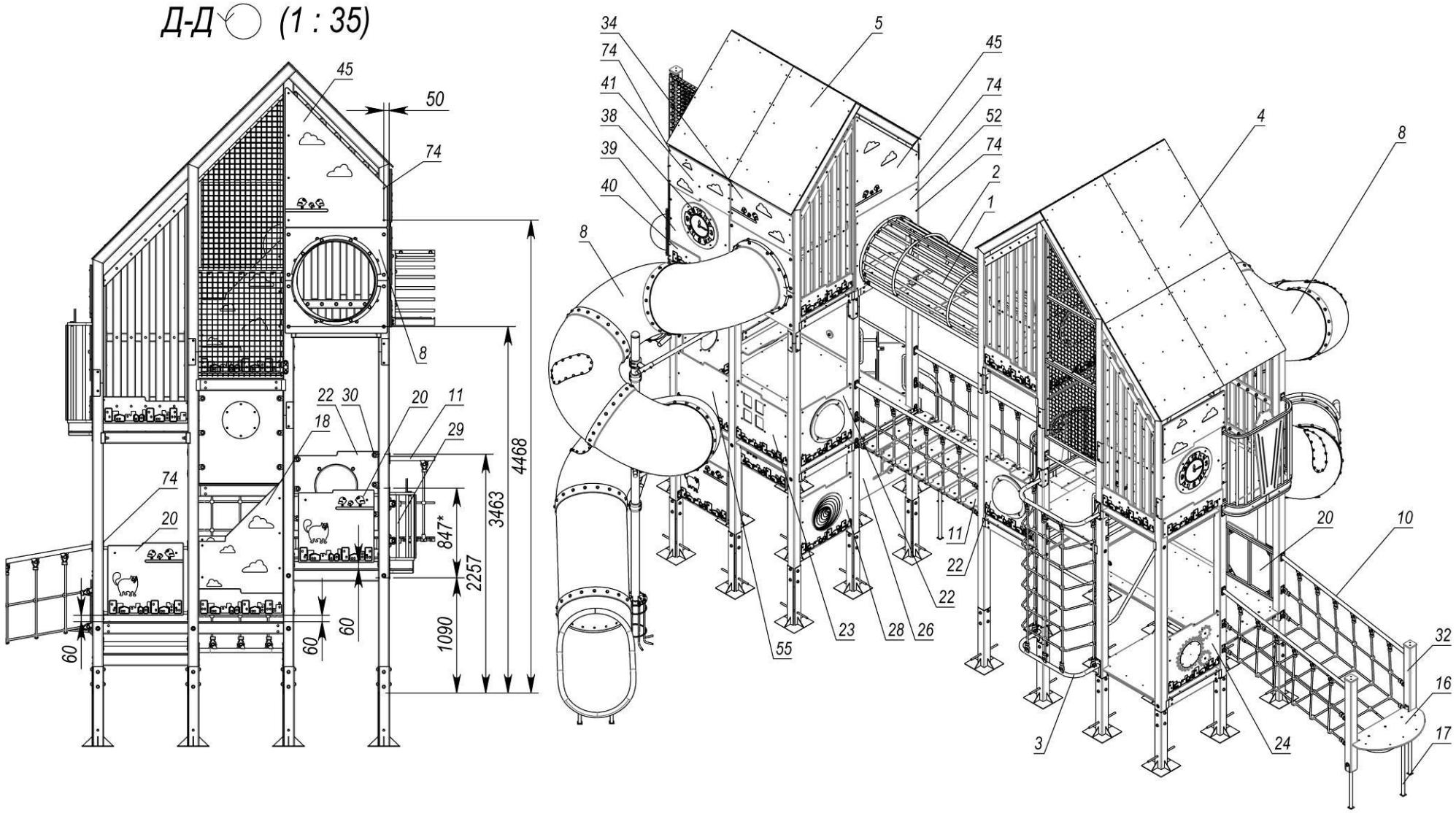
Picture 38


6019*
3530*
2530*
1530*
1230*
730*
430*
0
450*
9744*
898**
40
1430
362
80
60
41
6
21
34
74
4
29
74
10
8
8
Б
Б
28
24
A
А (1 : 4)
58
73
79
69
59
10
4
10
Б-Б (1 : 2.5)
5
30
28
88
73
66
58
59

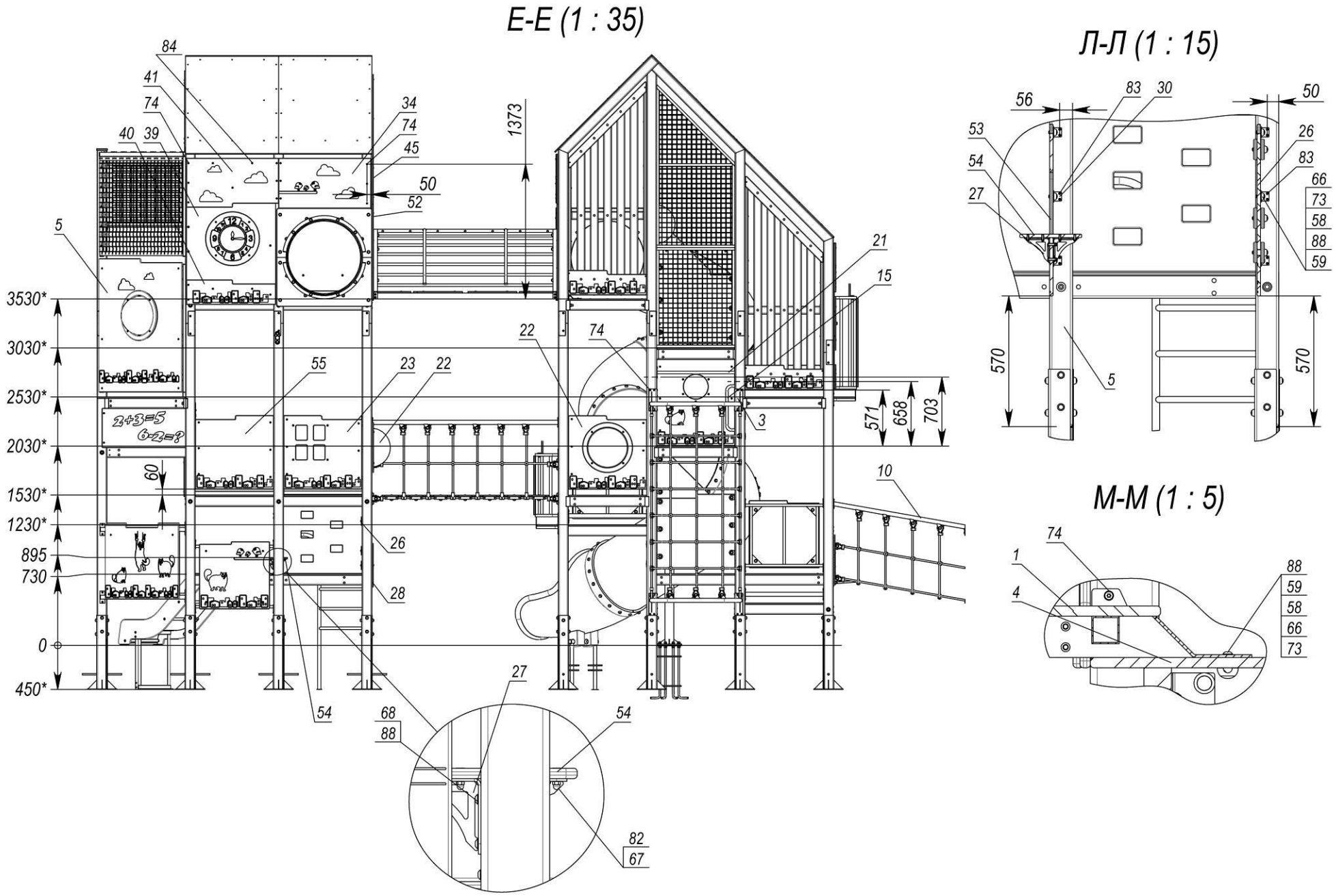
Picture 39



Picture 40


Д-Д (1 : 35)
45
50
74
8
22
30
20
11
18
29
74
20
847*
3463
4468
2257
1090
60
60
60
34
74
41
38
39
40
5
45
74
52
74
2
1
8
4
8
20
10
11
22
22
55
23
28
26
32
16
17
3
24

Picture 41


E-E (1 : 35)
Л-Л (1 : 15)
М-М (1 : 5)
84
41
74
40
39
34
74
45
50
52
1373
5
3530*
3030*
2530*
2030*
1530*
1230*
895
730
0
450*
60
55
23
22
22
74
21
15
3
571
658
703
10
26
28
54
27
68
88
54
82
67
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83
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50
53
54
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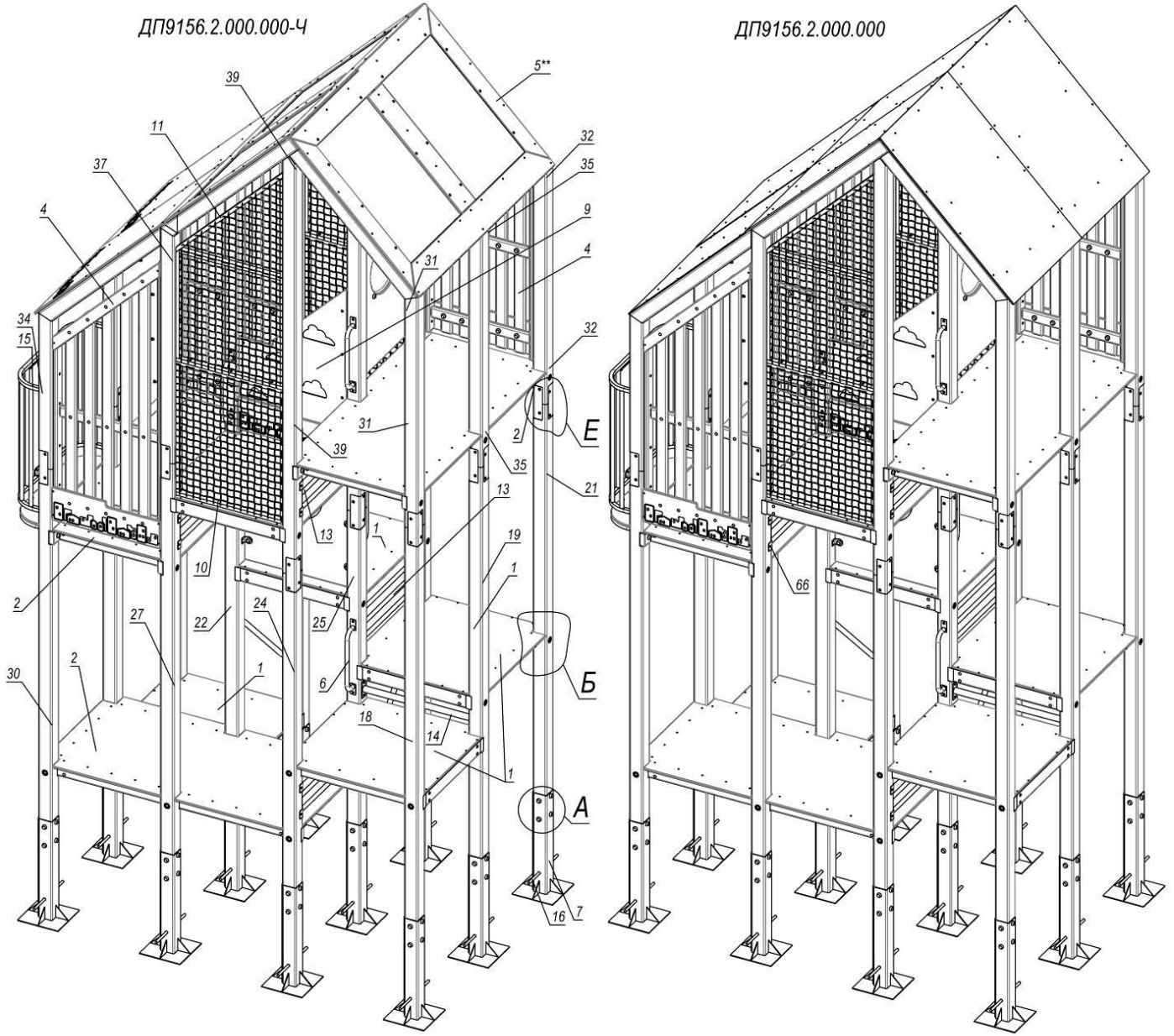
74
1
4
88
59
58
66
73

Picture 42



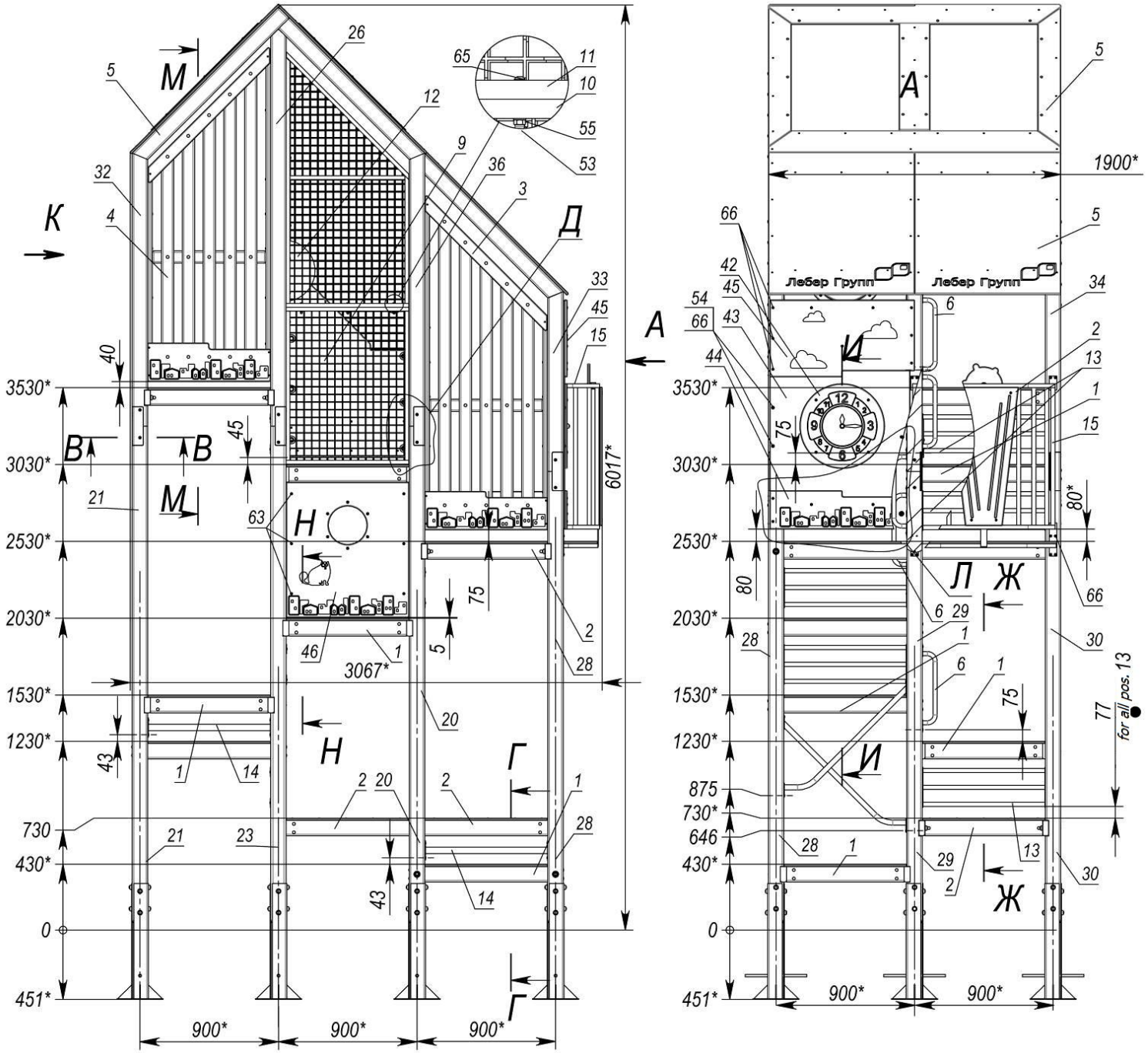
1. Fastening supports to beams - according to type А. Fastening platforms to beams - according to type Б. Connecting beams to each other - according to type В.
2. All unspecified fastenings of elements to beams - using pos. 66.
*3. **The rest of the sheets show model ДП9156.000.000-Ч; model ДП9156.000.000-RC-120 has the same design, except for the colour scheme and a different roof.*

Picture 43

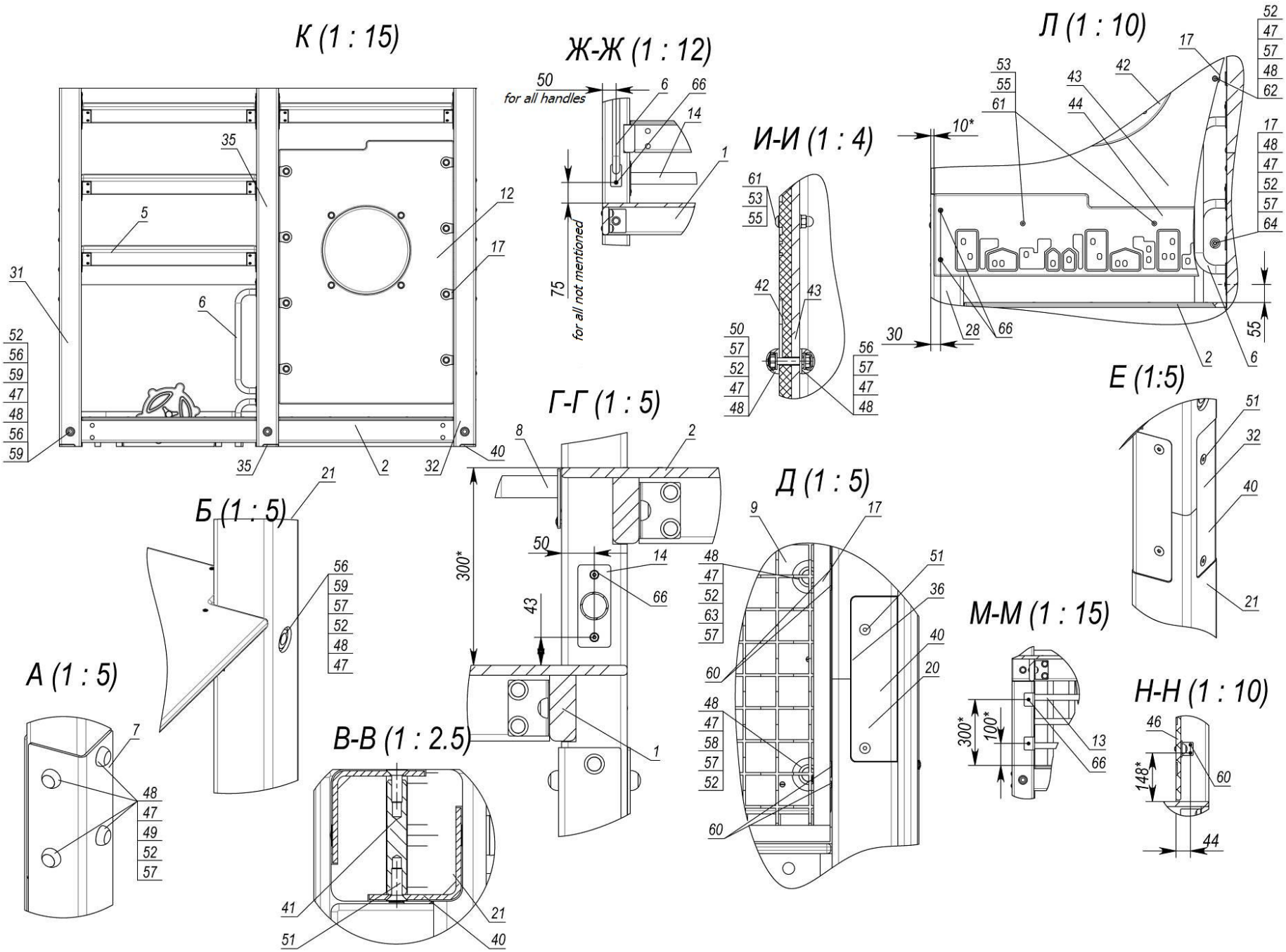
Pos.	Name	Weight, kg	Q-ty
1	Site 1x1 m (standard)	19	5
2	Double site (1.9x1m)	35	3
3	Wooden corner left fence		1
4	Wooden corner right fence	23	2
5	Roof 2x3m	192	1
6	Handle		5
7	Big tower support	12	12
8	Spacer	2	2
9	Panel with clouds	12	1
10	Fence-mesh (0.8x1)	9	2
11	Fence-mesh	13	2
12	Big panel with porthole	15	1
13	Coverings		5
14	Partition for tower	2	2
15	Balcony (0.94x1.2m) with steering wheel	27	1
16	Armature 16 L=400 DSTU3760		12
17	Corner bracket 40x60		23
18	Beam 3.2m (mortise 1.2)	19	1
19	Beam 3.2m (mortise 1.2/1.5)	19	1
20	Beam 3.2m (mortise 2/2.5)	19	1
21	Beam 3.2m (mortise 1.5m)	19	1
22	Beam 3.2m (5 mortises)	18	1
23	Beam 3.2m (mortise 1.5/2)	19	1
24	Beam 2.6m (mortises 0.7/1.2)	15	1
25	Beam 2.6m (4 mortises)	15	1
26	Beam 2.5m (mortises 3.5)	15	1
27	Beam 3.2m (mortises 0.7/2.5/3)	19	1
28	Beam 2.93m (mortise 0.4/2.5)	17	1
29	Beam 2.93m (mortise 0.4/0.7/2.5)	17	1
30	Beam 2.93m (mortise 0.7/2.5)	17	1
31	Beam 1875	10	1
32	Beam 1875	10	1
33	Beam 1.27m	7	1

Pos.	Name	Weight, kg	Q-ty
34	Beam 1.27m	7	2
35	Beam 1875 (mortise 3.5m)	10	1
36	Beam 1875 mm	11	1
37	Beam 1875 mm	11	1
38	Beam 1.15m	11	1
39	Beam 3.18 m	18	2
40	Angle bar		24
41	Brace rod D15x87 mm		48
42	Cover plate "Clock"	3	1
43	Transparent panel (0.94x1.48)	15	1
44	Lower panel Misto	3	1
45	Upper panel with clouds	6	1
46	Panel "Porthole" assembly		1
47	Cap M8		159
48	Cup M8		159
49	Sprig M8 L=135		48
50	Bolt M8*45 GOST7798		1
51	Stud M8x25 DIN7991		96
52	Nut M8 GOST5915		158
53	Cap nut M8 DIN1587		15
54	Washer 6 GOST6958		2
55	Washer 8 GOST11371		16
56	Washer 10 GOST6958		51
57	Washer 10 GOST11371		156
58	Bolt M8*45 GOST7802		2
59	Bolt M8*130 GOST7802		38
60	Screw 4x40 GOST1145		46
61	Stud M8x35 ISO7380		9
62	Stud M8x25 ISO7380		1
63	Stud M8x30 ISO7380		19
64	Stud M8x40 ISO7380		1
65	Stud M8x60 ISO7380		6
66	Screw 6.0x60 SPAX T-STAR plus (univers.)		143

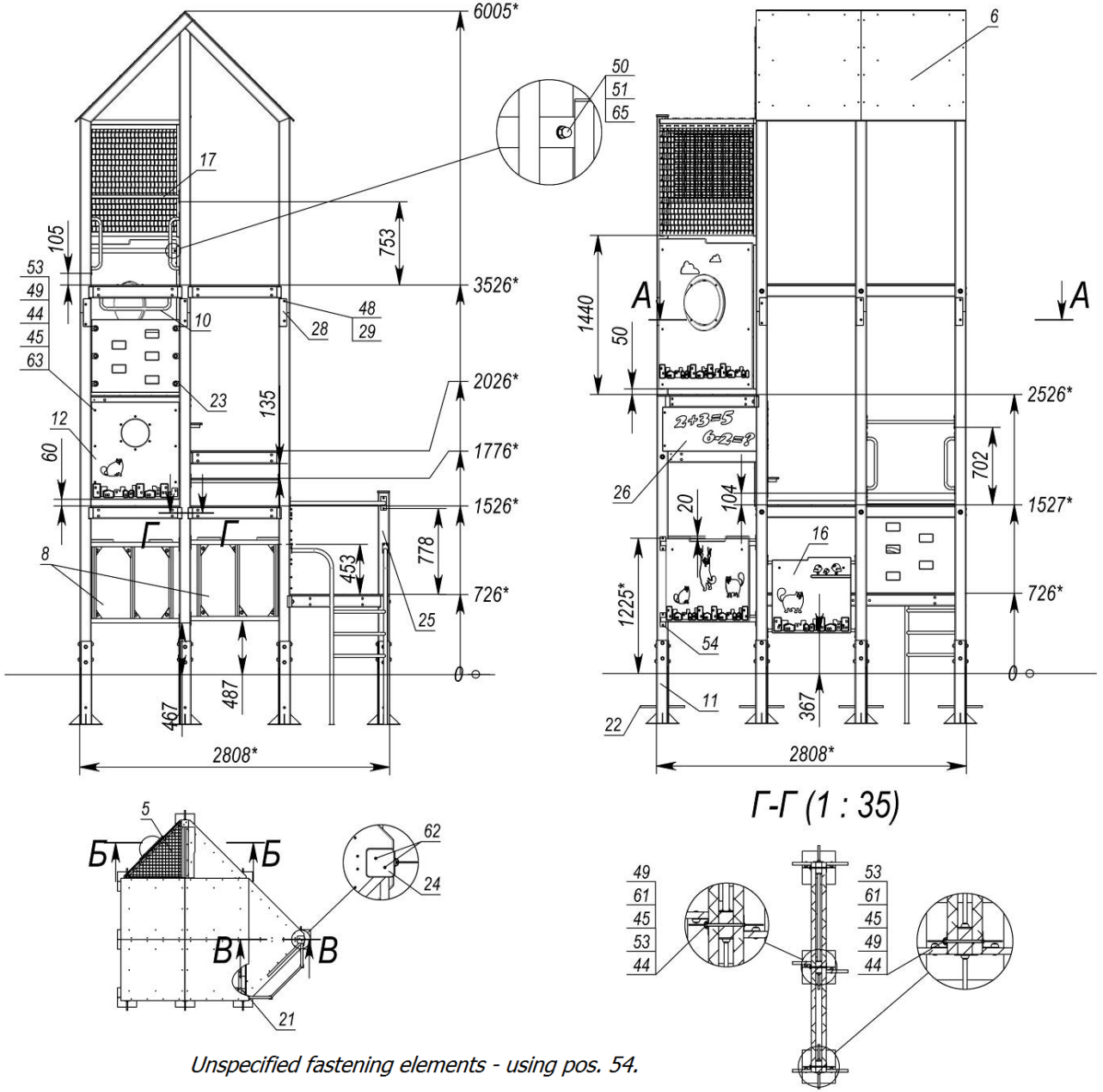
Picture 44


Лебер Групп
Лебер Групп
3530*
3030*
2530*
2030*
1530*
1230*
730
430*
0
451*
875
730*
646
900*
900*
900*
1900*
6017*
3067*
for all pos. 13

Picture 45


К (1 : 15)
Ж-Ж (1 : 12)
50
for all handles
6
66
14
1
75
for all not mentioned
И-И (1 : 4)
Л (1 : 10)
10*
30
28
66
55
2
6
Е (1:5)
Г-Г (1 : 5)
Д (1 : 5)
Б (1 : 5)
А (1 : 5)
В-В (1 : 2.5)
М-М (1 : 15)
Н-Н (1 : 10)
300*
100*
148*
43
44

Picture 46



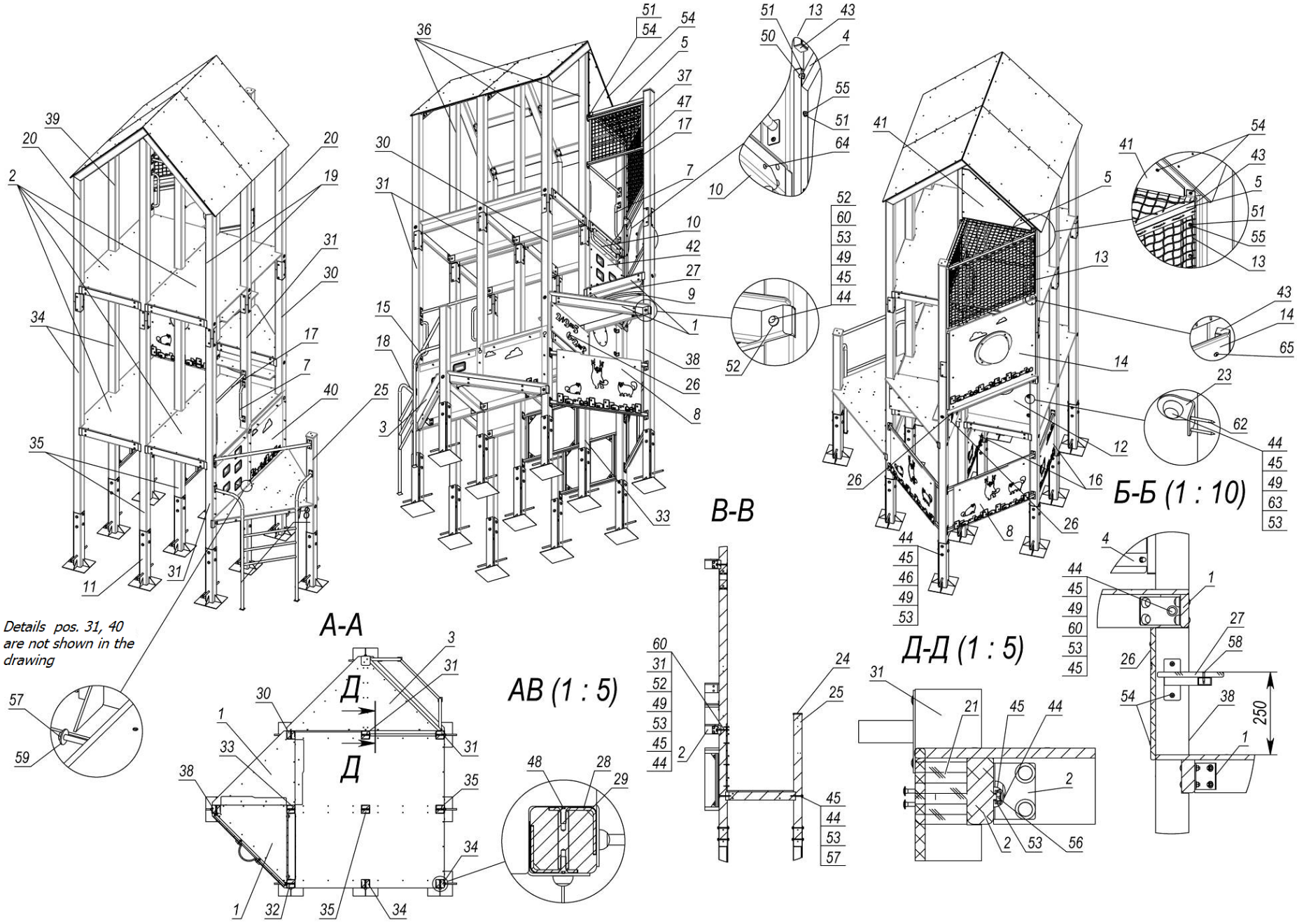
Unspecified fastening elements - using pos. 54.

Picture 47

Pos.	Name	Weight, kg	Q-ty
1	3-sided site	14	2
2	Double site	34	4
3	Double site (1x1.9) corner	29	1
4	Panel frame	12	1
5	Horizontal protection	7	1
6	Roof 2x2m (acryl)	133	1
7	Handle		4
8	Corner fence (plastic)	20	2
9	Step support	2	2
10	Footrest	3	1
11	Big tower support	12	11
12	Panel "Porthole" assembly		1
13	Corner fence-mesh (1.04*1m)	13	1
14	Corner panel with porthole	25	1
15	Corner brace rod (1.2m)	3	1
16	Fence-plastic 0.8m	13	2
17	Brace rod 0.8m	1	2
18	Corner ladder	11	1
19	Upper side beam	10	3
20	Upper side beam	10	2
21	Beam	2	2
22	Armature 16 L=400 DSTU3760		11
23	Corner bracket 40x60		12
24	Cap on bar		2
25	Beam 1.6m (mortise 0.7m)	9	1
26	Lap (0.4x0.9)	5	2
27	Step (200x787)	2	2
28	Angle bar		20
29	Brace rod D15x87 mm		40
30	Beam 3.225m	19	1
31	Beam 3.225m	19	2
32	Beam 3.225m	19	1
33	Beam 3.225m		1

Pos.	Name	Weight, kg	Q-ty
34	Beam 3.225m	19	2
35	Central beam 3.225m	19	2
36	Upper central beam	15	3
37	Upper beam attachable	10	1
38	Lower beam attachable	19	1
39	Upper central external beam	10	1
40	Mirror panel "Coverings"	21	1
41	Panel fence	4	1
42	Panel "Climbing frame"	7	1
43	Plug 40x25		10
44	Cap M8		134
45	Cup M8		134
46	Sprig M8 L=135		44
47	Mesh fence 0.8m	6	1
48	Stud M8x25 DIN7991		80
49	Nut M8 GOST5915		129
50	Cap nut M8 DIN1587		6
51	Washer 8 GOST11371		28
52	Washer 10 GOST6958		25
53	Washer 10 GOST113		134
54	Screw 6.0x60 SPAX T-STAR plus (univers.)		100
55	Screw 8x70 GOST11473		18
56	Screw 8x100 GOST11473		4
57	Screw 8x140 GOST11473		2
58	Screw with drill 4.8x32 DIN7504P		8
59	Washer 8 GOST6958		1
60	Bolt M8*130 GOST7802		20
61	Bolt M8*150 GOST7802		6
62	Screw 4x40 GOST1145		28
63	Stud M8x30 ISO7380		12
64	Stud M8x40 ISO7380		3
65	Stud M8x50 ISO7380		6

Picture 48


Details pos. 31, 40 are not shown in the drawing
А-А
В-В
АВ (1 : 5)
Б-Б (1 : 10)
Д-Д (1 : 5)
Д
Д

Picture 49