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PRODUCTION AND SALE OF SPORTS GOODS

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DATA SHEET

TE941 – Playground complex Big City-11

CONTENT

FOR NOTES

1. GENERAL INFORMATION

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

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

2. PRODUCT ASSEMBLY AND INSTALLATION PROCEDURE

Instrument and tools. No needed instrument for assembling and installation the product is a part of a set.

Product assembly and installation procedure.

1) Mark the territory in accordance with foundation schemes.
2) Dig the holes for installing embedded elements and attached elements. Adjust the depth of the recesses by either deepening them or adding gravel.
3) Assemble and install the equipment in accordance with assembly scheme – part 7.
4) Concrete embedded elements and rack constructions of attached elements. By installing the product at the sand ground the overall dimensions for foundation must be 15-20% more.

Щоб уникнути розтріскування деревини, для шурупів діаметром більше 4 мм слід висвердлювати отвори діаметром 0,6..0,7 діаметра на глибину до 0,8 його довжини.

WARNING! Children are not permitted to be present or participate during the assembly of the product.

3. INSTRUCTIONS FOR SAFE USE

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

Do not allow users of other age or weight categories to use the product.

Before using the product, clear the safety zone of any objects that could harm the user (debris, tools left over from assembly and installation, etc.).

It is prohibited to use the product under adverse weather conditions (black ice, snowfall, rain, hail, strong winds, etc.) that could result in injury to the user.

4. TECHNICAL 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. 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 damage.

Information about storage

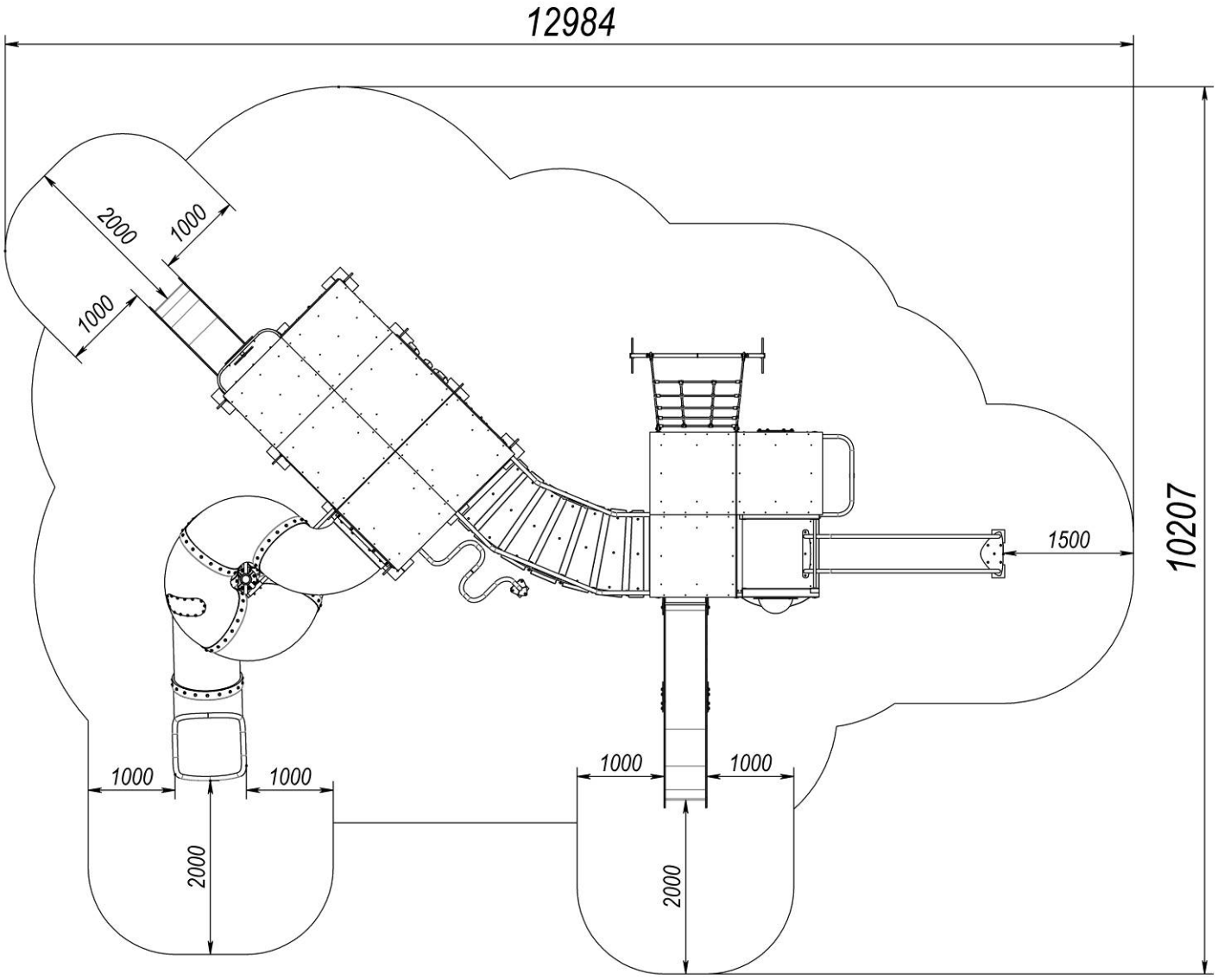
Date		Product storage conditions	Full name	Signature
Putting into storage	Removal from storage			

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

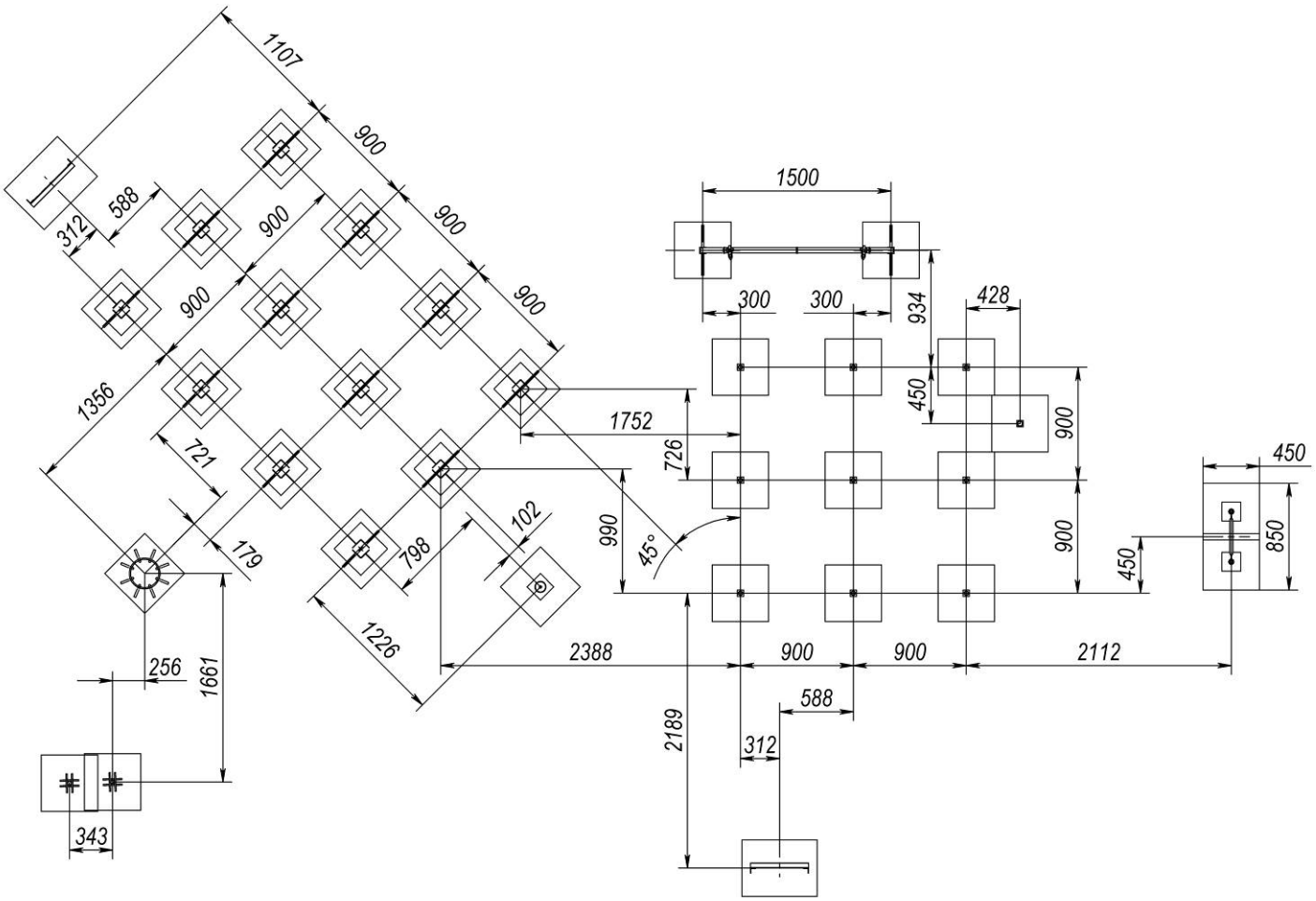
The equipment does not contain harmful impurities and materials that can harm your health and is not subject to special disposal.

6. TECHNICAL DATA AND ASSEMBLY SCHEMES

Length, mm	**9830**
Width, mm	**6104**
Height, мм	**6017**
Weight, kg	**2424**
Height of fall, mm	**3544**
Age range, years	**up to 12**
Weight limits, kg	**up to 60**

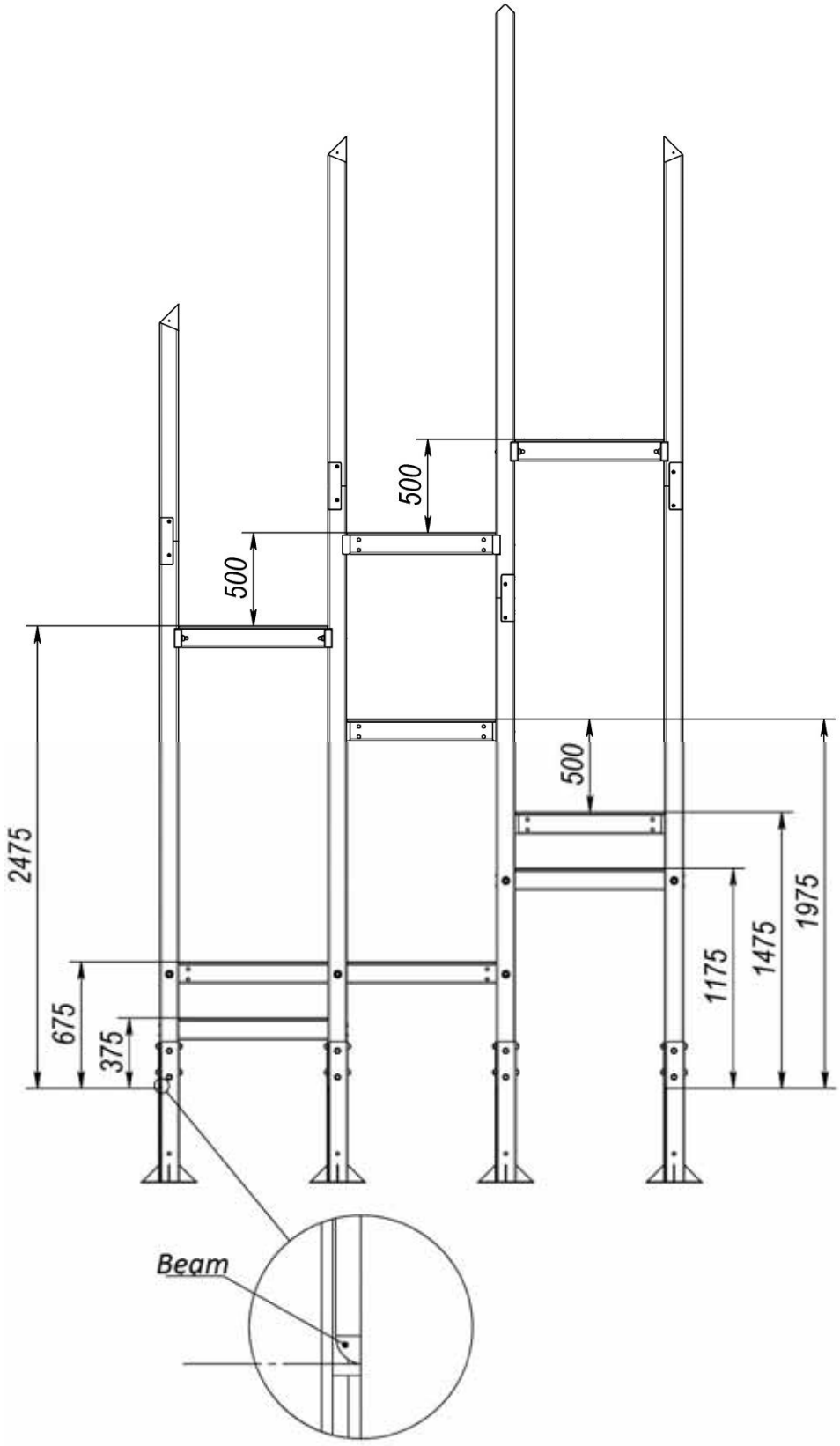


Picture 1 – Landing zone

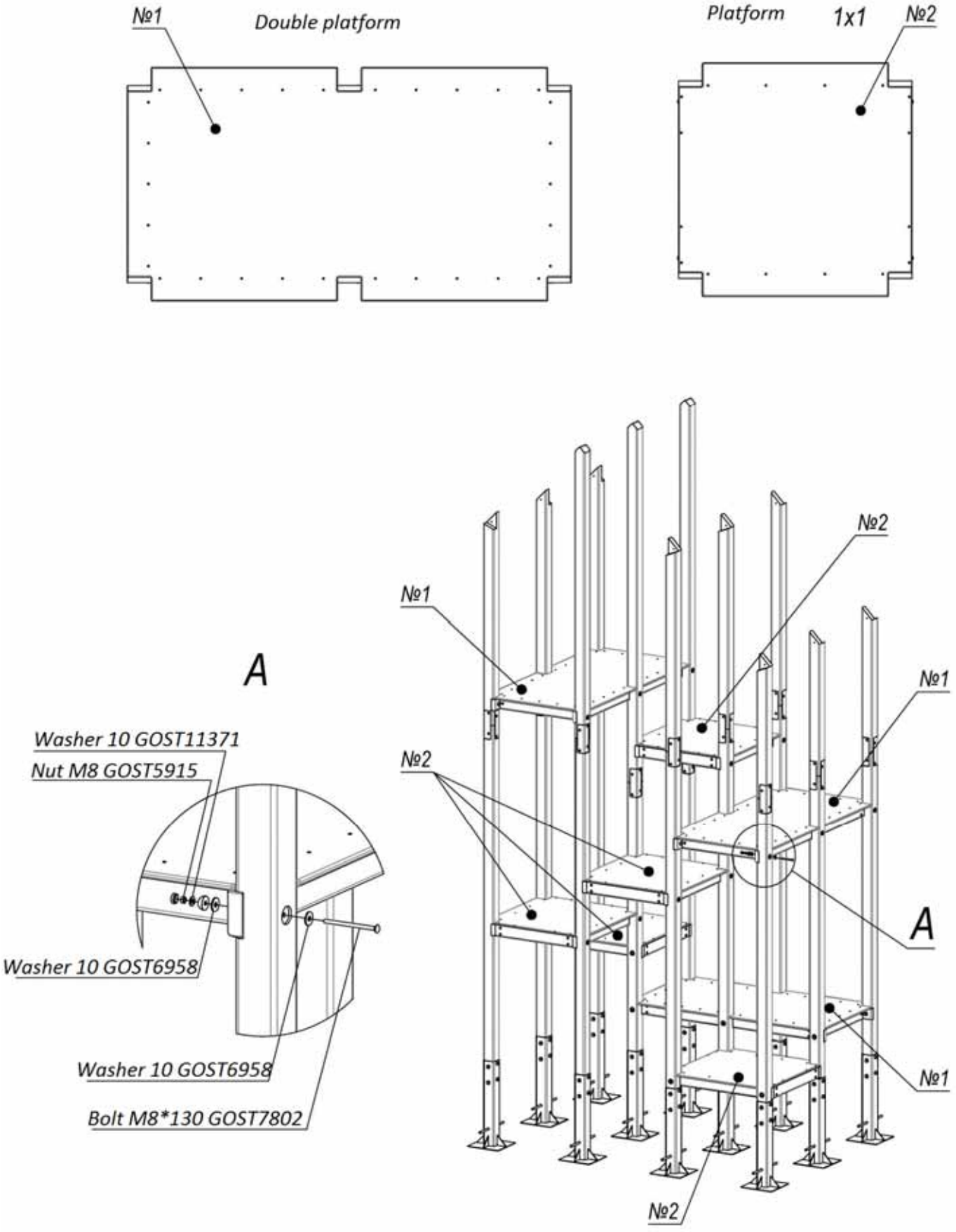


Picture 2 – Foundation scheme

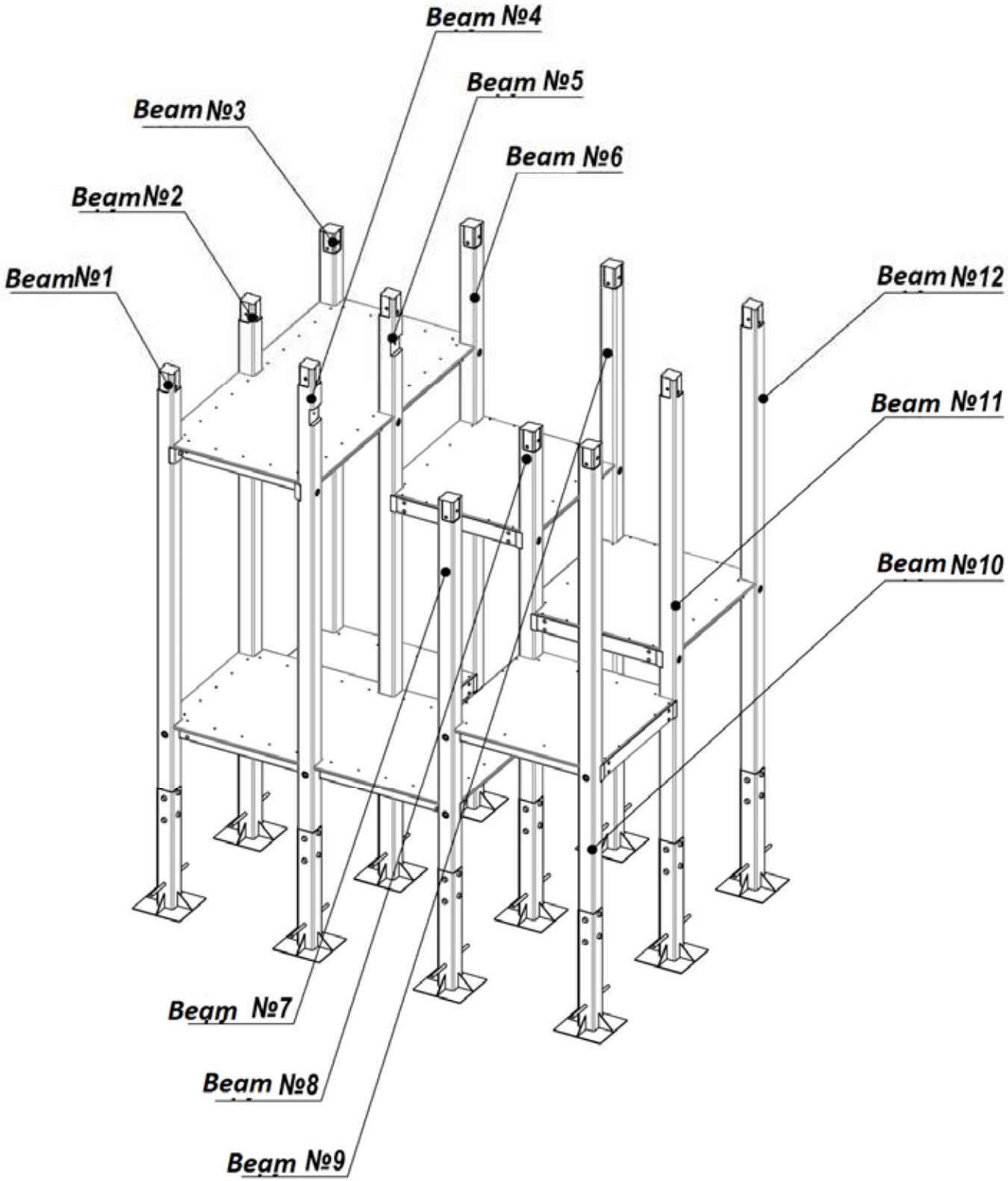
Assembly scheme of a multi-level tower (2x3m)



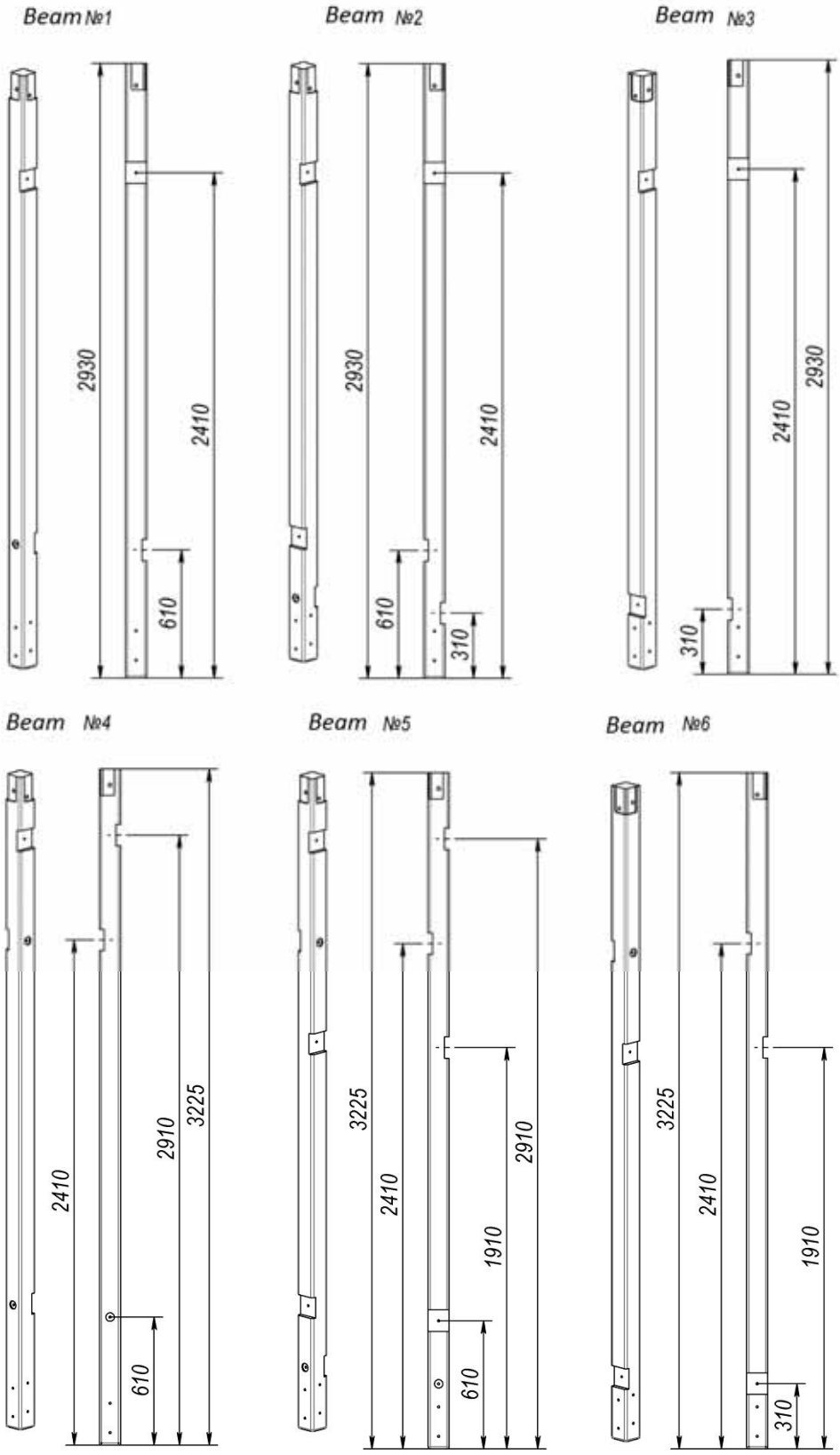
Picture 3 – Platform placement scheme



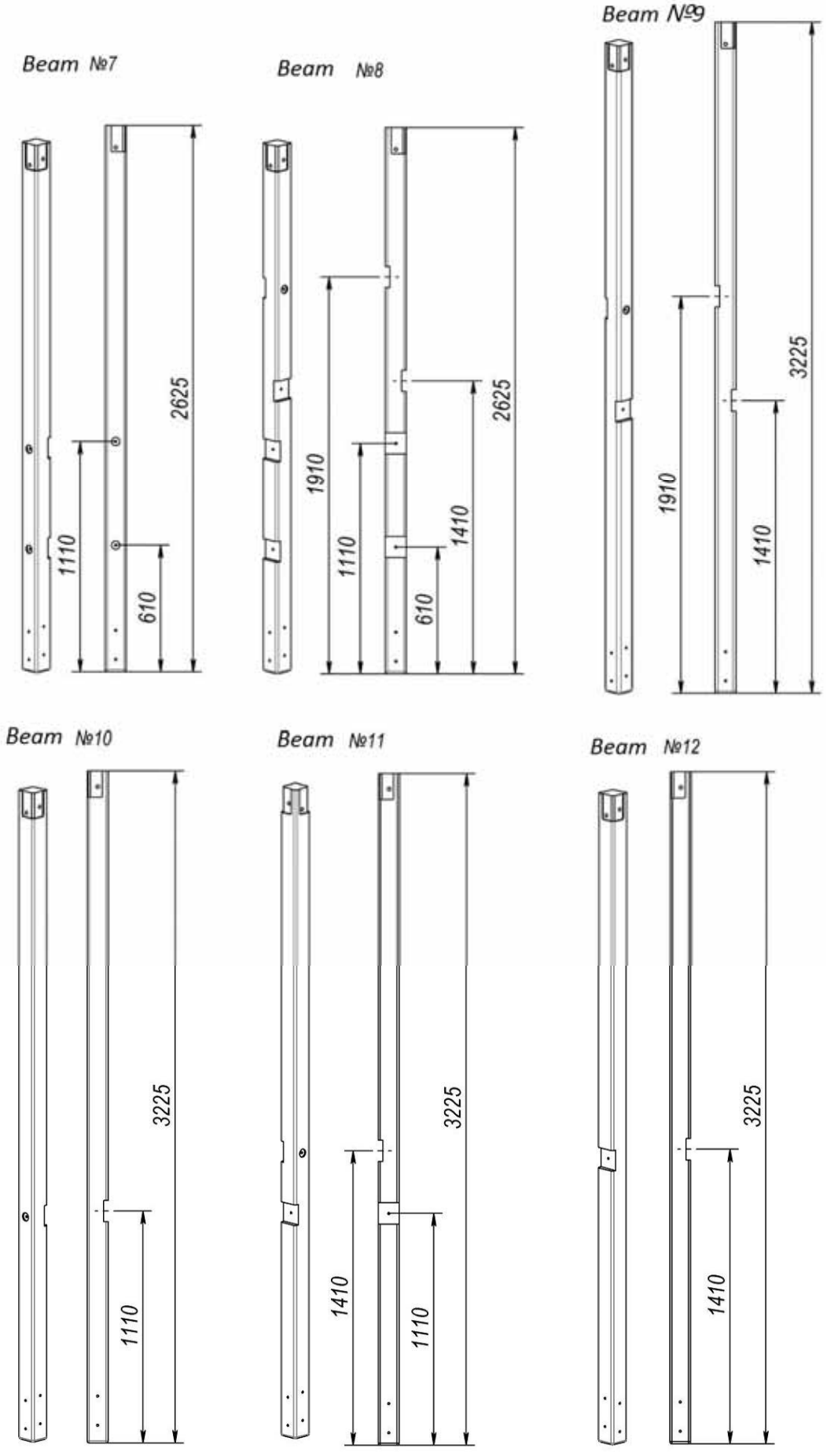
Picture 4 – Platforms placement and installation schemes



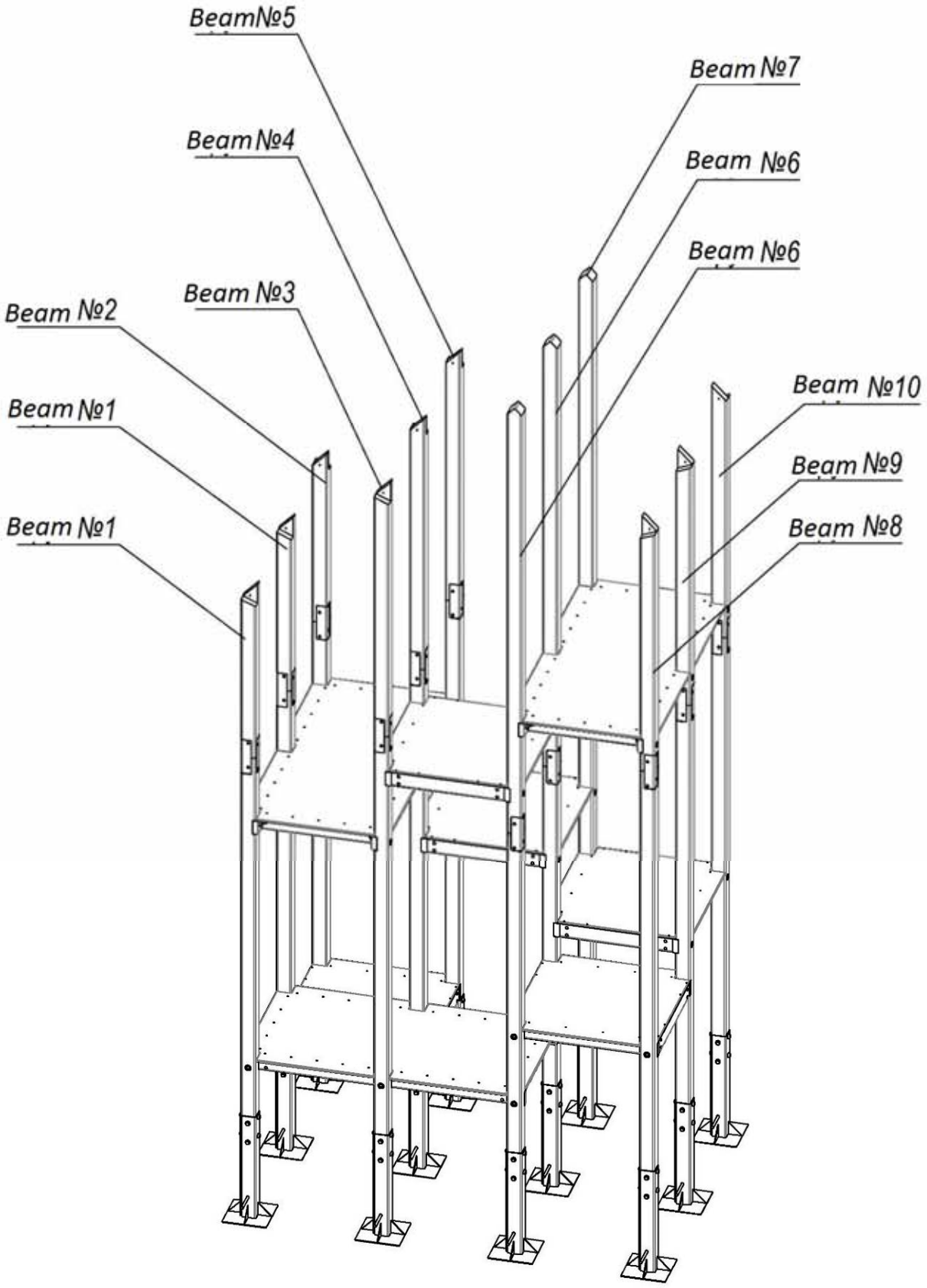
Picture 5 – Lower beams installtion scheme



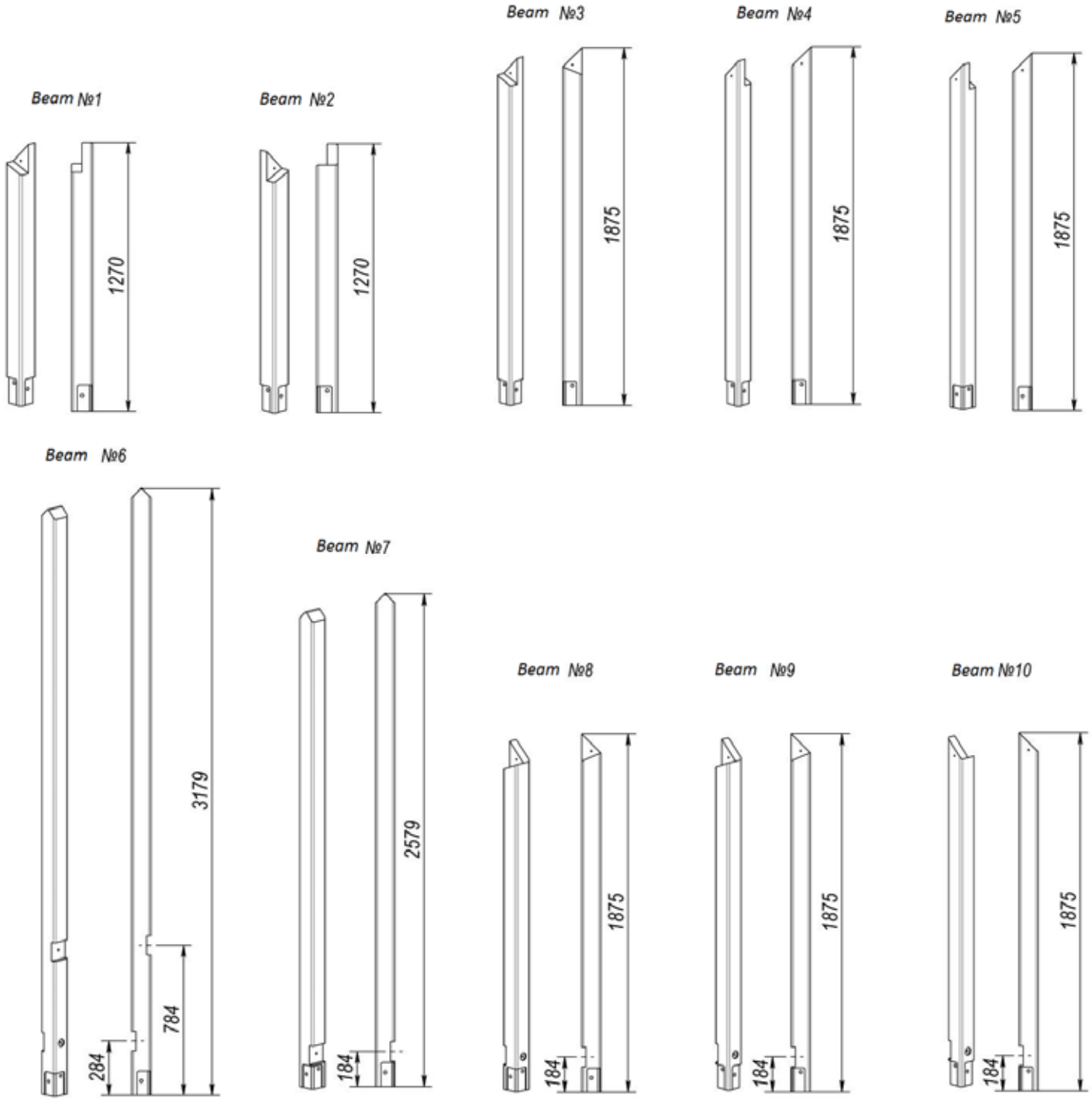
Picture 6 – Beams (1-6)



Picture 7 – Beams (7-12)

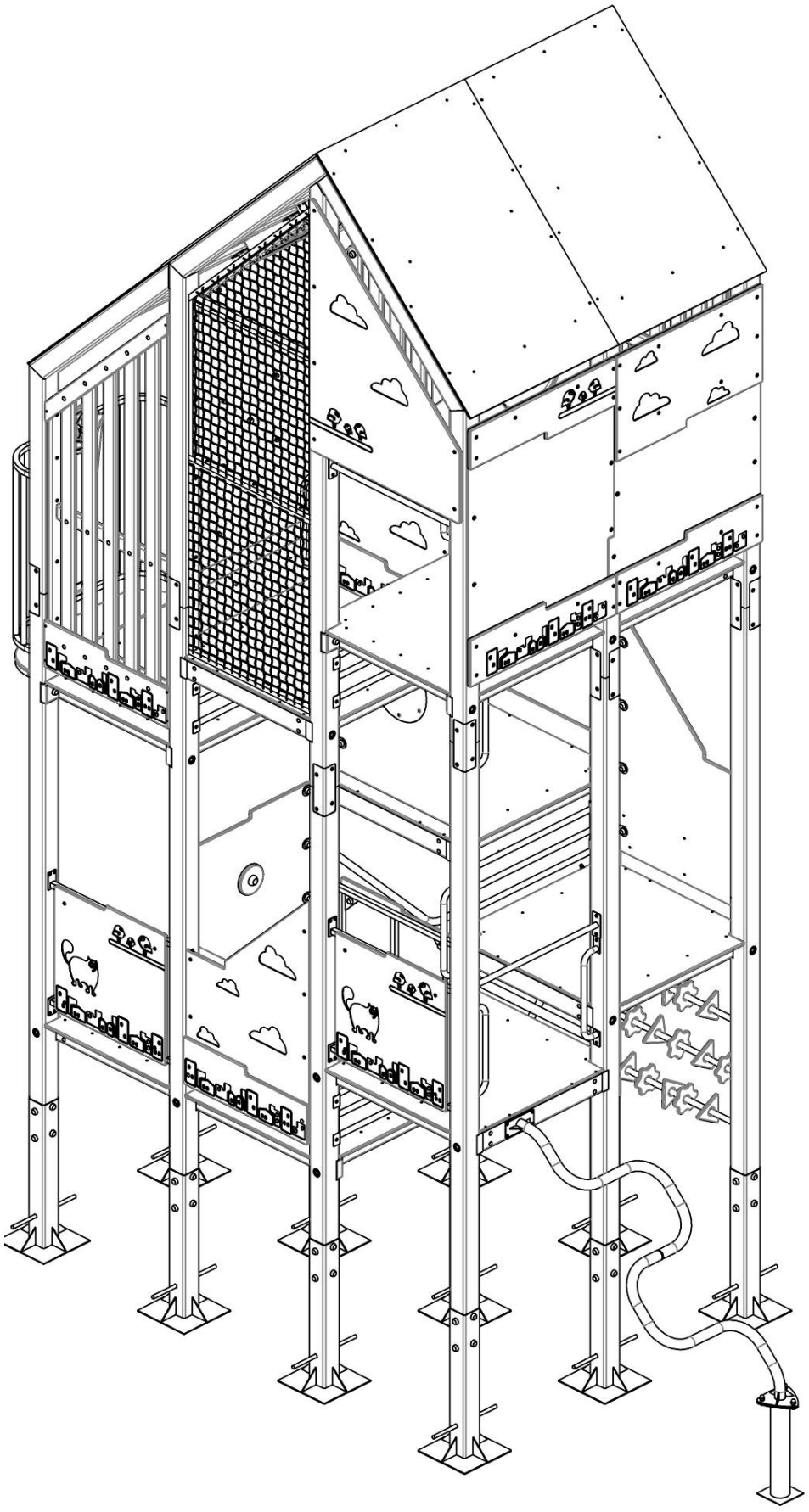


Picture 8 – Upper lever beams installation scheme

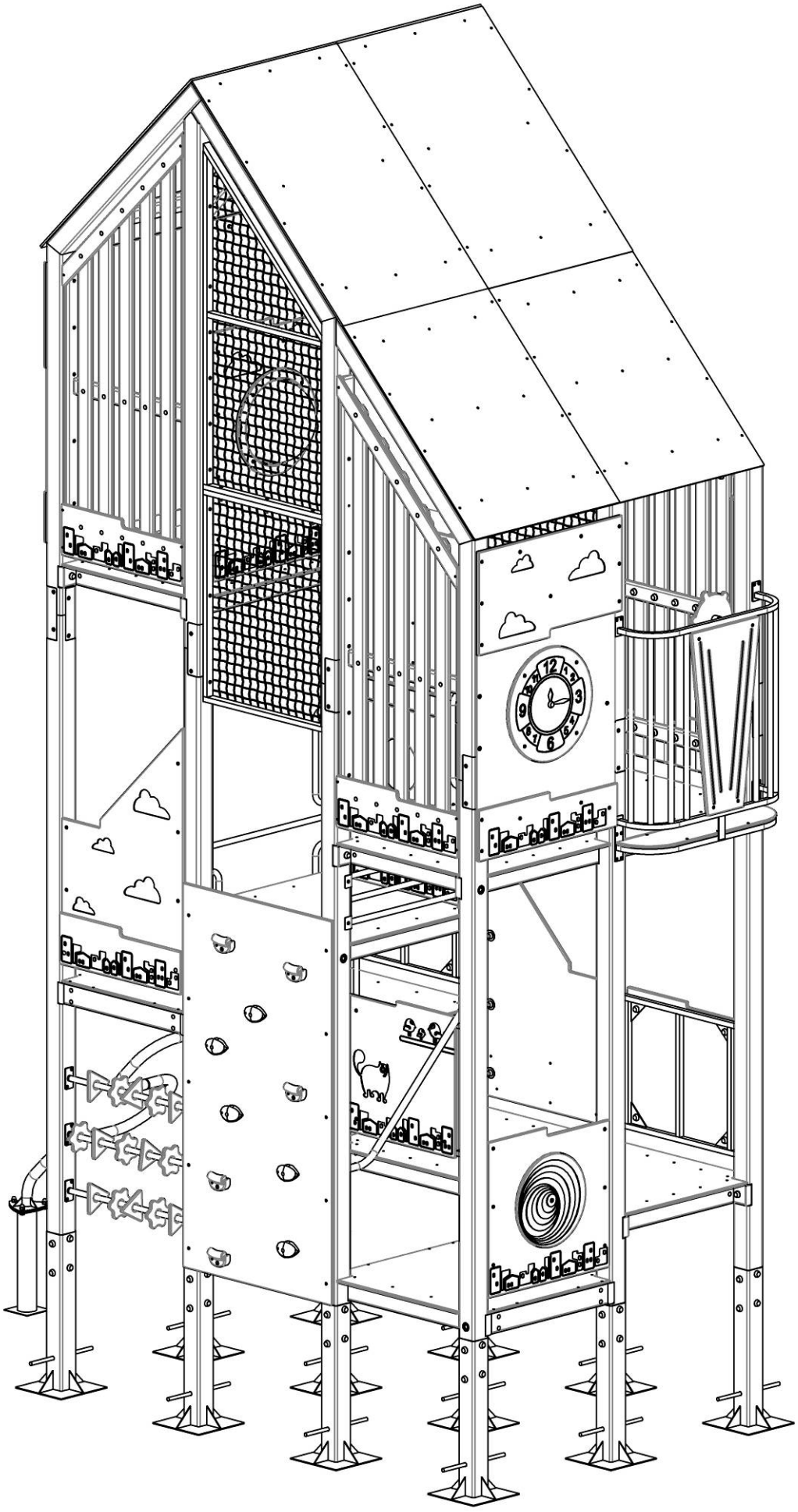


Picture 9 – Beams (1-10)

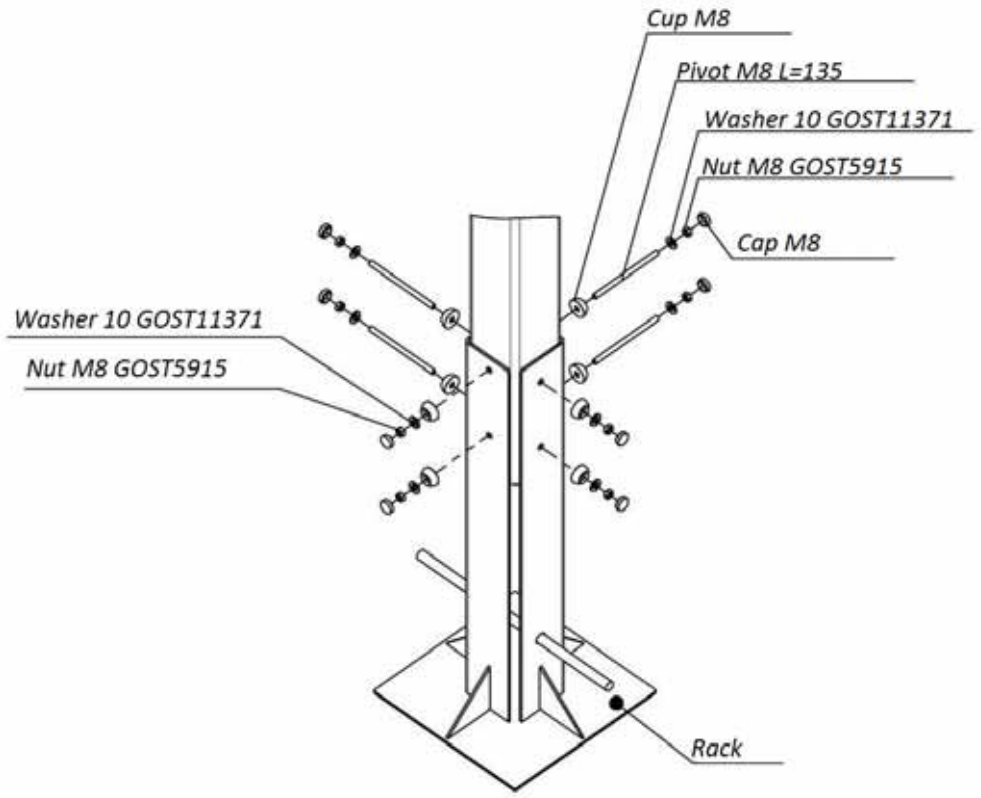
Panels appearance and their scheme for a multi-level tower
(Additional installation scheme is in the Appendix)



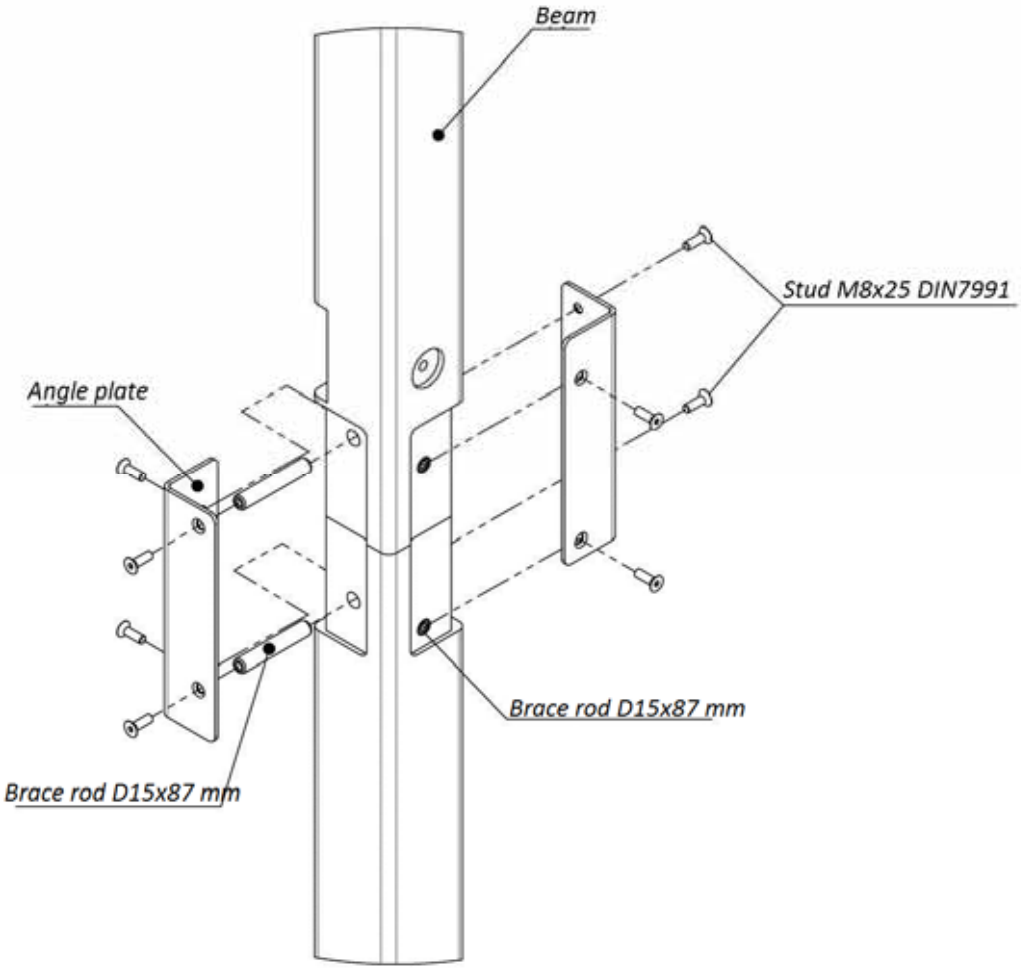
Picture 10



Picture 11

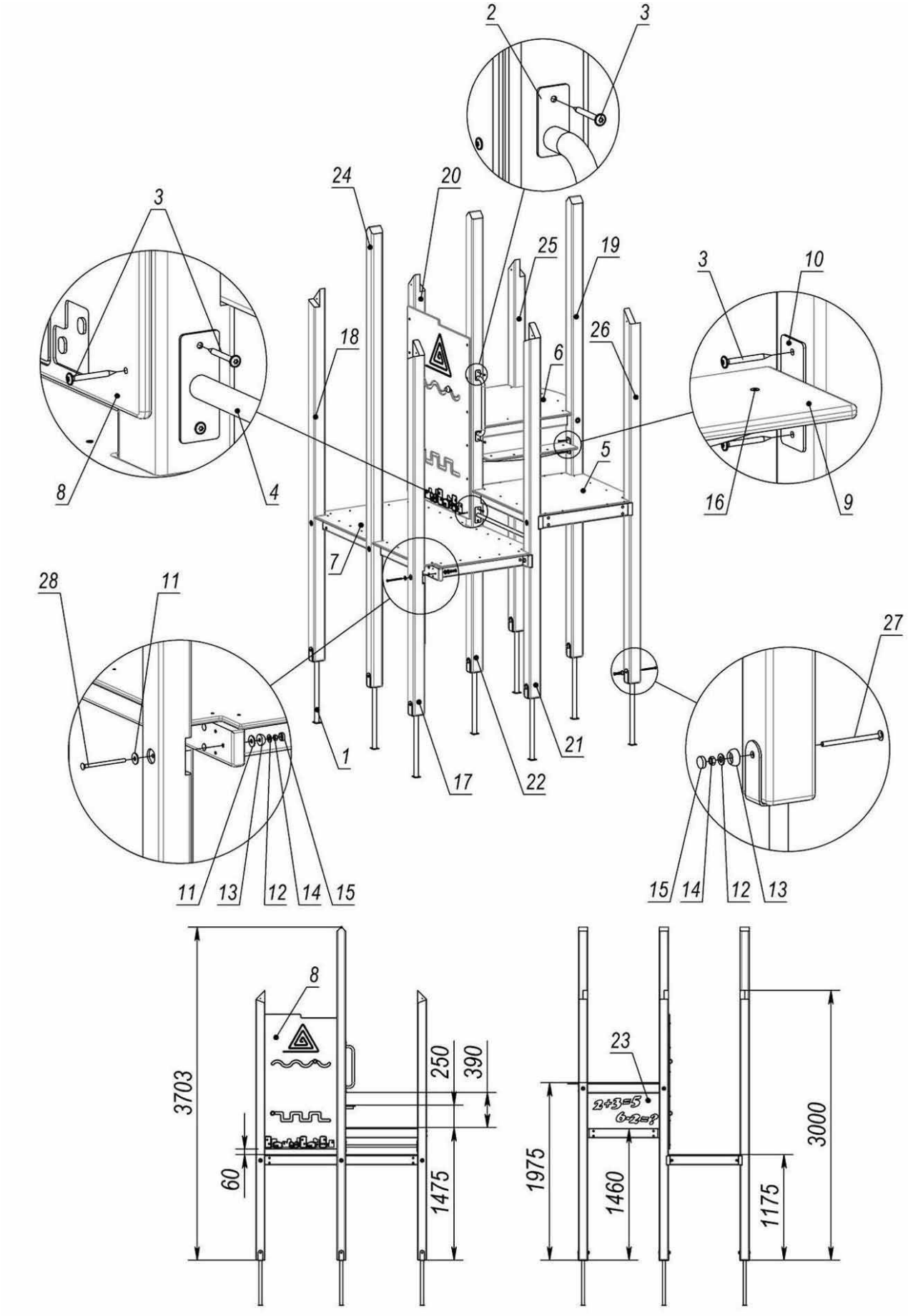


Picture 12 – Rack and beam connection scheme



Picture 13 – Two beams connection scheme

Big tower assembly scheme (1,2x2m)

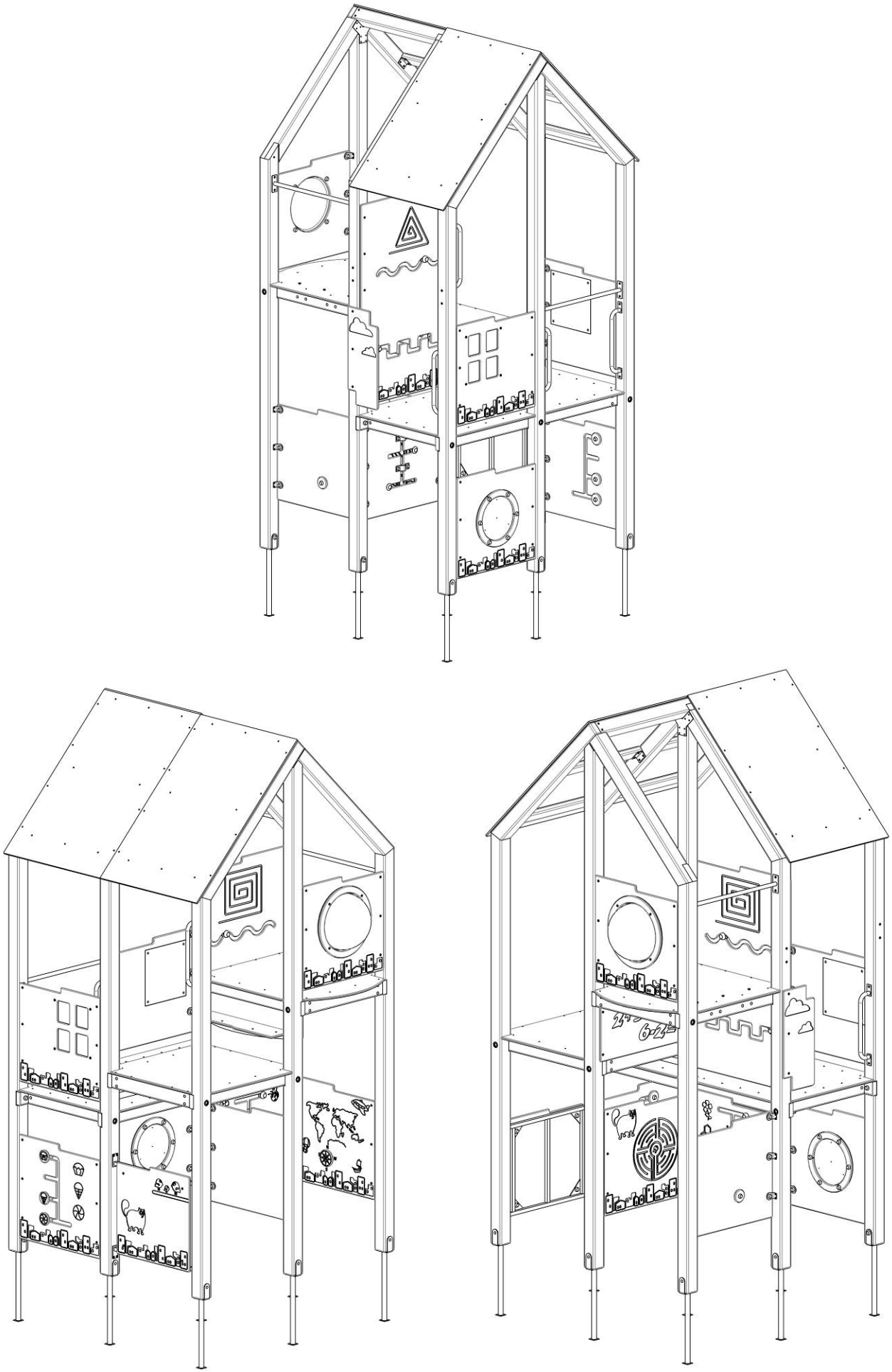


Picture 14 – Big tower (1,2-2m)

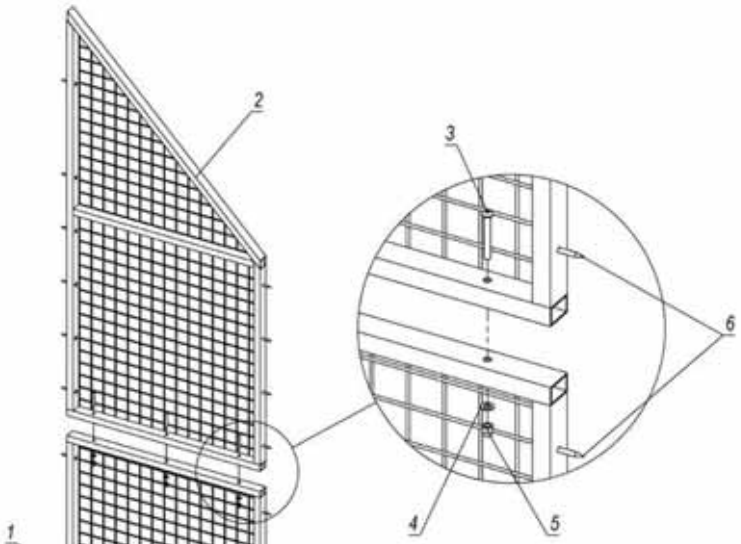
Table 2 – Big tower Complete set (1,2-2m)

Pos.	Name	Weight, kg	Q-ty
1	Beam rack	2	9
2	Handle		1
3	Washer 6,0x60 SPAX T-STAR plus with press-washer (univ.)		26
4	Brace rod 0,8 m	1	1
5	Platform 1x1m	19	1
6	Platform semicircle	19	1
7	Double platform (1,9x1m)	35	1
8	Panel "Fine movements"	19	1
9	Step (200x787)	2	1
10	Step bottom	2	1
11	Washer 10 GOST6958		18
12	Washer 10 GOST11371		23
13	Cup M8		23
14	Nut M8 GOST5915		23
15	Cap M8		23
16	Screw with bore4.8x32DIN7504P	5	4
17	Beam 3m (slot 1,2)	17	1
18	Beam 3m (slot 1,2)	17	1
19	Beam central (slot 1,5-2)	22	1
20	Beam 3m (slot 2m)	17	1
21	Beam 3m (slot 1,5m)	17	1
22	Beam central (slot 1,2-1,5-2)	21	1
23	Plate	5	1
24	Beam central (slot 1,2m)	22	1
25	Beam 3m (slot 2m)	17	1
26	Beam 3m (slor 1,5m)	17	1
27	Bolt M8*120 GOST7802		9
28	Bolt M8*130 GOST7802		14

Panels appearance and their scheme for big tower (1,2-2m)
(Additional installation scheme is in the Appendix)

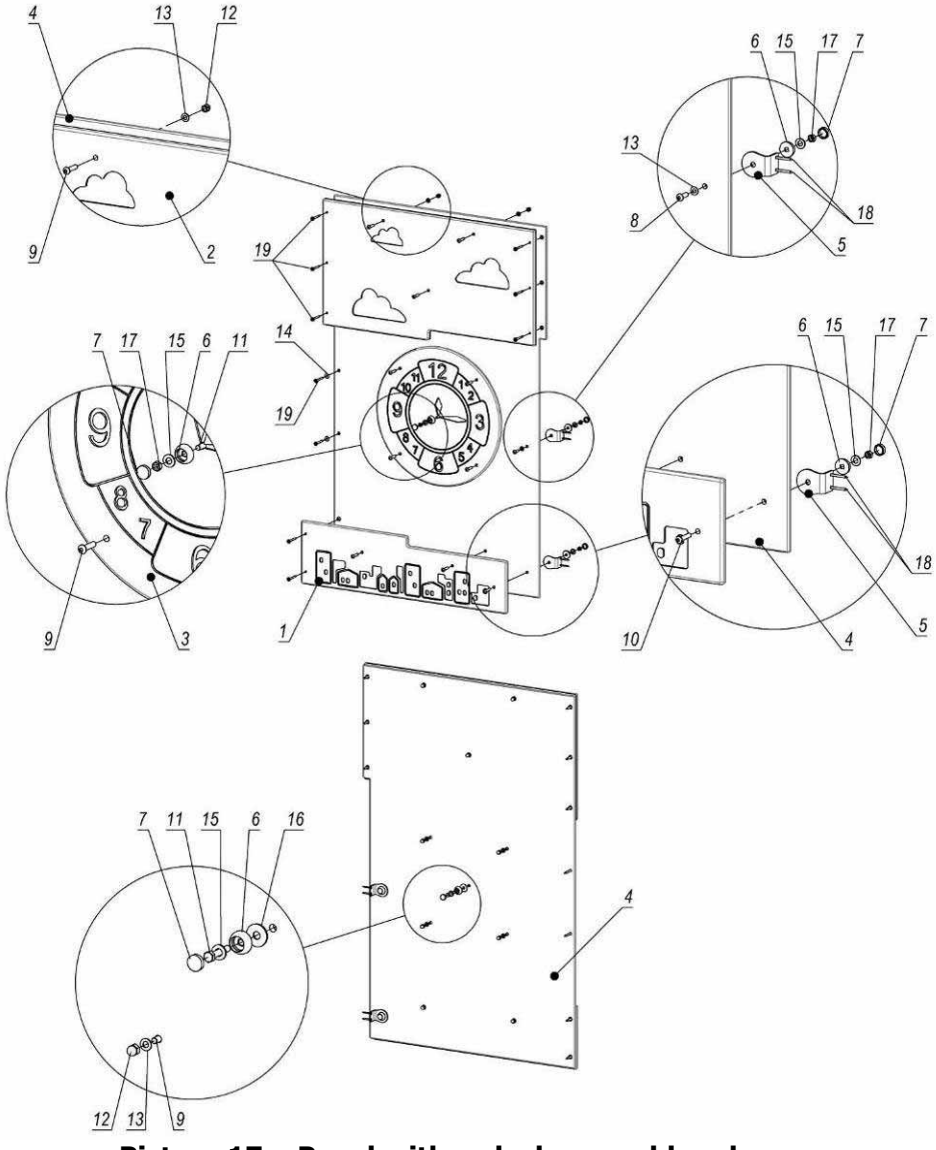


Picture 15



Pos.	Name	Weight kg	Q-ty
1	Fence-net (0,8-1)	10	1
2	Fence-net	14	1
3	Stud M8x60 ISO7380		3
4	Washer 8 GOST11371		3
5	Cap nut M8 DIN1587		3
6	Washer 6,0x60 SPAX T-STAR plus with press-washer (univ.)		16

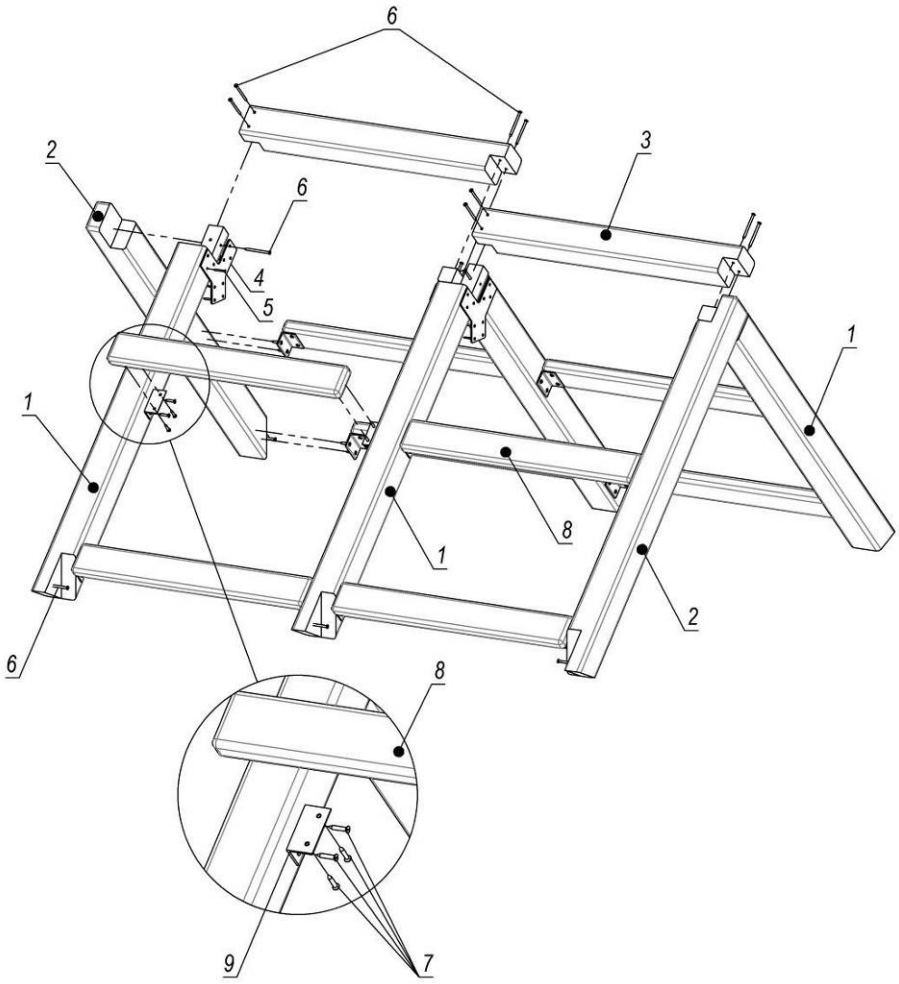
Picture 16 – Fence-net assembly scheme



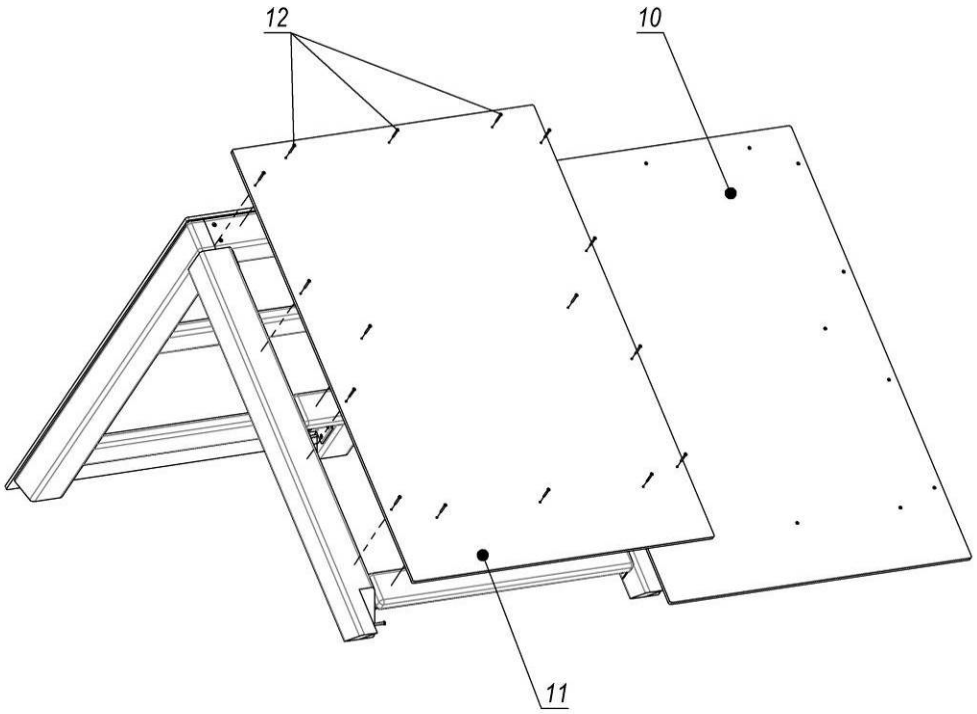
Picture 17 – Panel with a clock assembly scheme

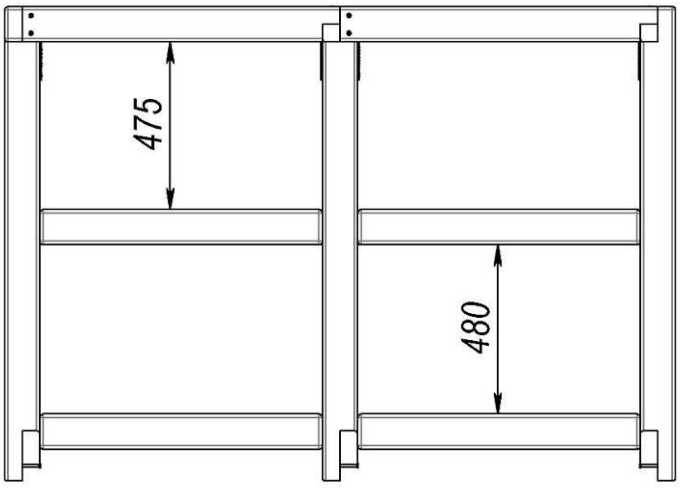
Table №2 – Panel with a clock Complete set

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	Angle bearing element 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 (univ)		11



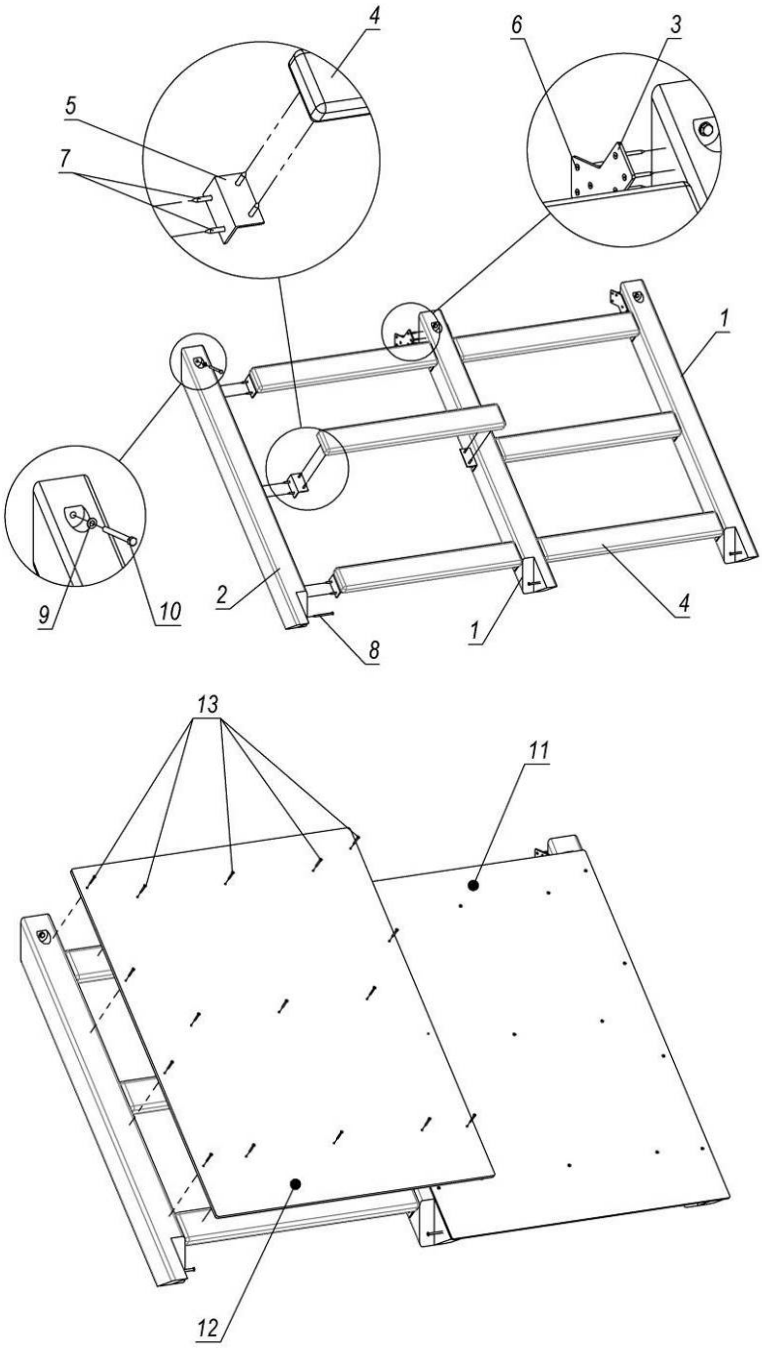
Picture 18





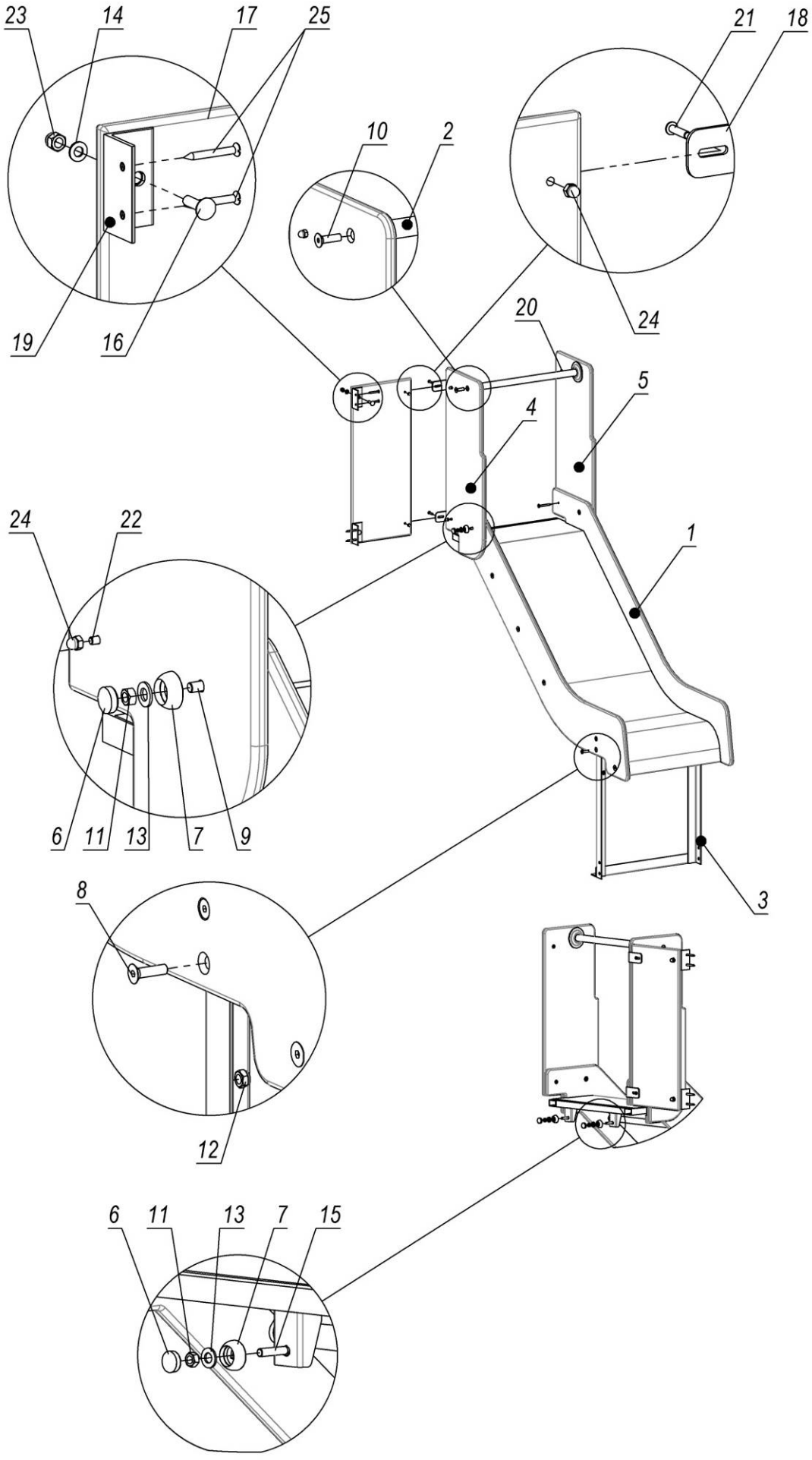
Pos.	Name	Weight kg	Q-ty
1	Back gable	7	4
2	Front gable	7	2
3	Rake (100x100x900)	5	2
4	Angle double-sided plate		4
5	Washer 4x40GOST1145		40
6	Washer 6x90GOST1145		18
7	Washer 6x35GOST1145		64
8	Bottom	2	8
9	Angle plate 80 mm		16
10	Roof batter (950x1400)	14	2
11	Roof batter (950x1400)	14	2
12	Screw 4x40 GOST1144		64

Picture 18.1 – Big roof for a multi-level tower assembly scheme (2x3M)



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

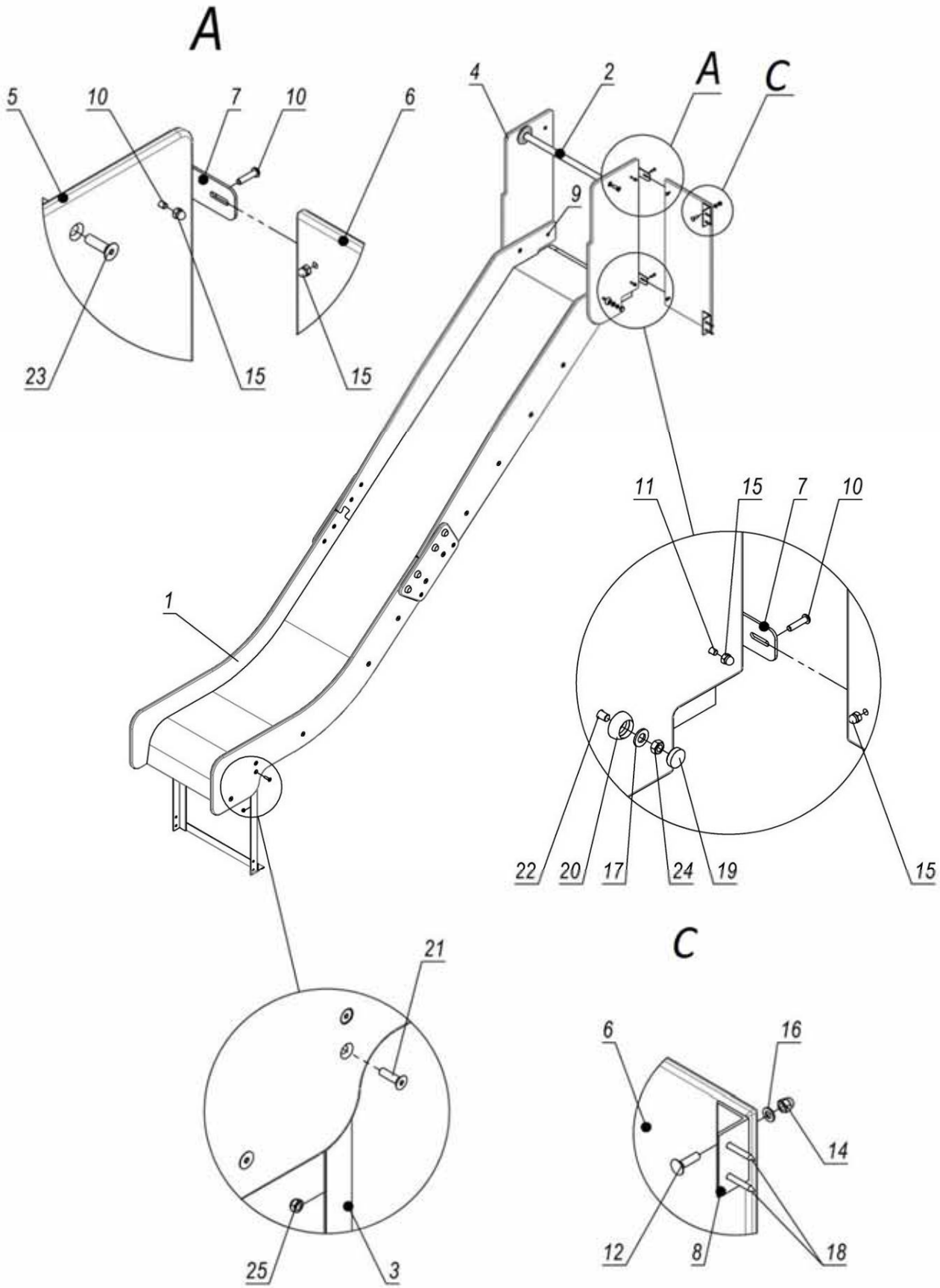
Picture 19 – Batter for a multi-level tower assembly scheme (2x3M)



Picture 20 – Slide 0,7m with one beam assembly scheme

Table №2 – Slide 0,7 m Complete set

Pos.	Name	Weight,kg	Q-ty
1	Slide 0,7m	21	1
2	Brace rod 493mm	1	1
3	Slide embedded element	5	1
4	Right upper side wall	3	1
5	Left upper side wall	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		2
15	Bolt M8*40 GOST7802		2
16	Bolt M8*30 GOST7802		2
17	Beam (275x650)	3	1
18	Slide angle plate		2
19	Big angle plate		2
20	Screw 6,0x60 SPAX T-STAR plus (univ.)		2
21	Stud M6x25 ISO7380		3
22	Stud M6x40 ISO7380		1
23	Cap stud M8 DIN 1587		2
24	Cap stud M6 DIN1587		4
25	Screw 6x50 GOST1145		4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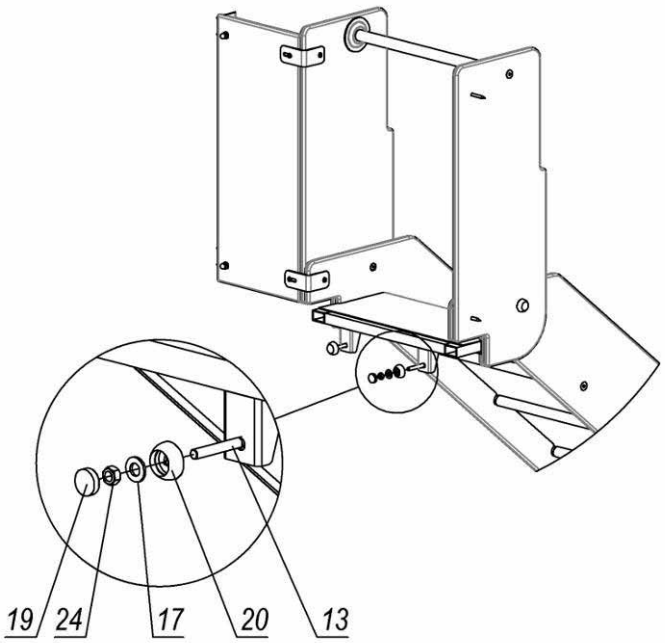
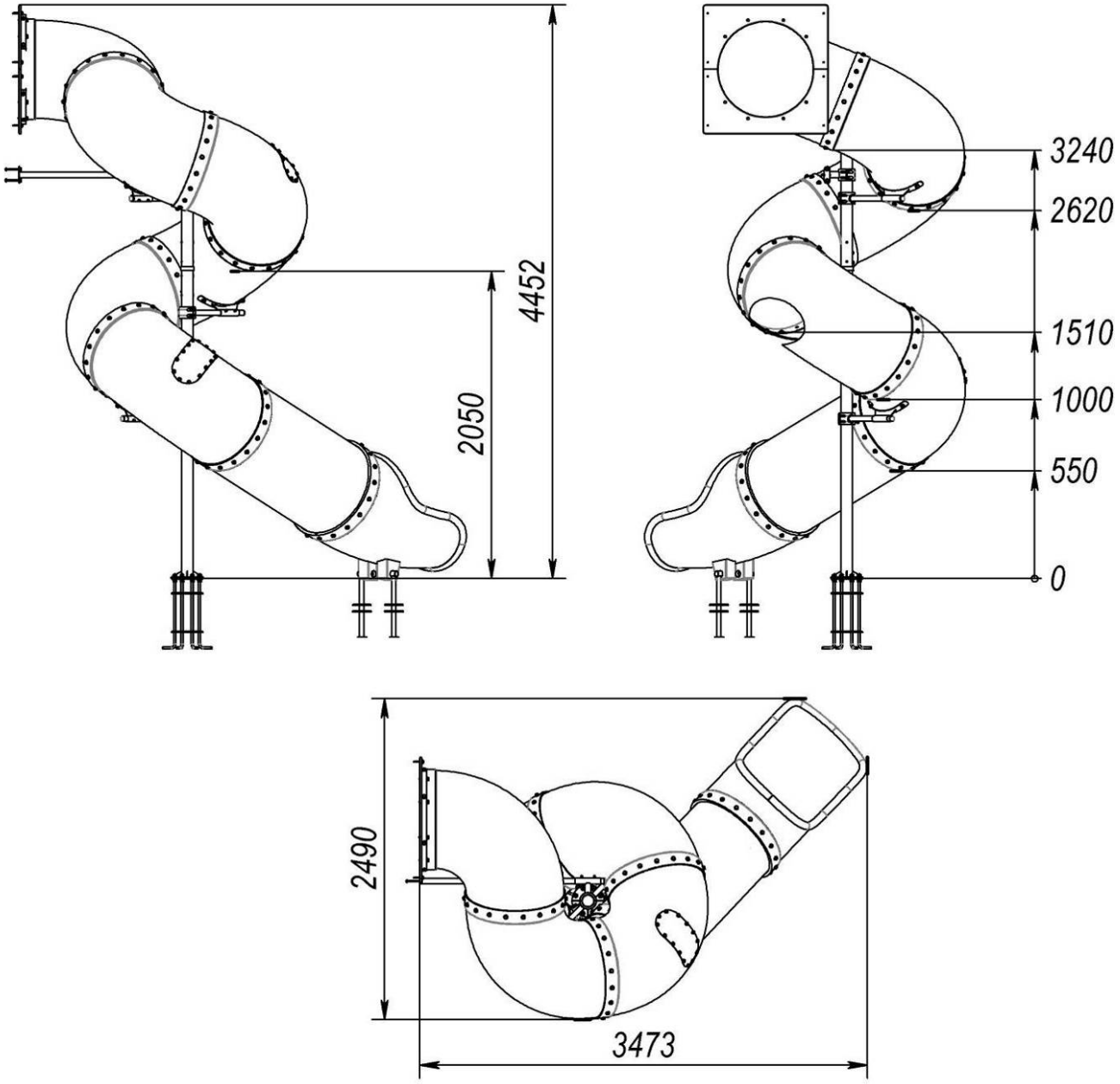
Picture 21



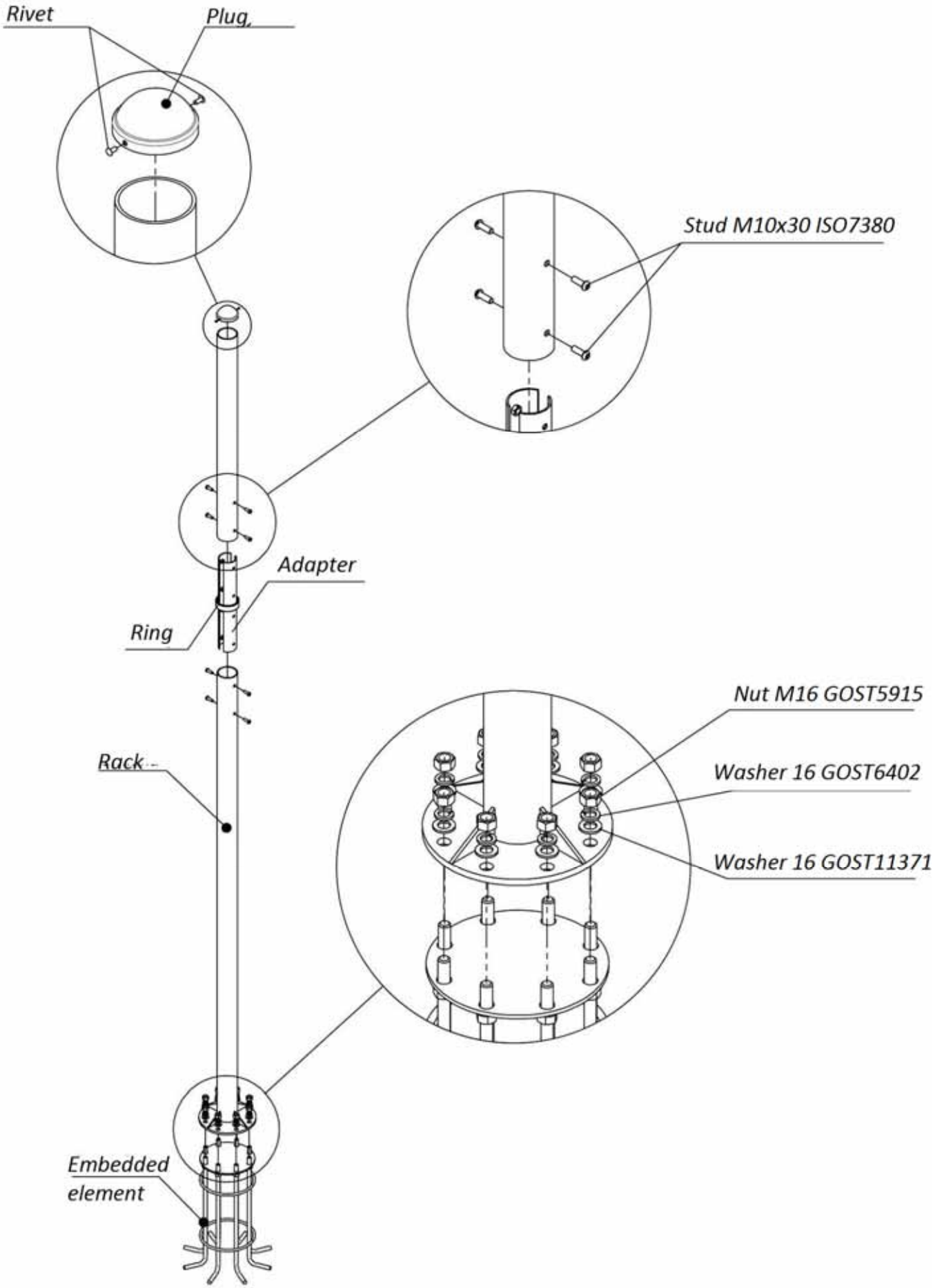
Pos.	Name	Weight kg	Q-ty
1	Slide 1,5m	44	1
2	Brace rod 493mm	1	1
3	Slide embedded element	5	1
4	Right upper side wall	3	1
5	Left upper side wall	3	1
6	Beam	3	1
7	Slide angle plate		2
8	Big angle plate		2
9	Screw 6,0x60 SPAX T-STAR plus (univ.)		2
10	Stud M6x25 ISO7380		3
11	Stud M6x40 ISO7380		1
12	Bolt M8*30 GOST7802		2
13	Bolt M8*35 GOST7802		2
14	Cap nut M8 DIN1587		2
15	Cap nut M6 DIN1587		4
16	Washer 8 GOST11371		2
17	Washer 10 GOST11371		4
18	Screw 6x50 GOST1145		4
19	Cap M8		4
20	Cup M8		4
21	Stud M8x30 DIN7991	.	4
22	Stud M8x40 DIN7991	.	2
23	Stud M10x35 DIN7991	.	2
24	Nut M8 GOST5915		4
25	Nut M8 DIN985		4

Picture 21.1 – Slide 1,5m assembly scheme

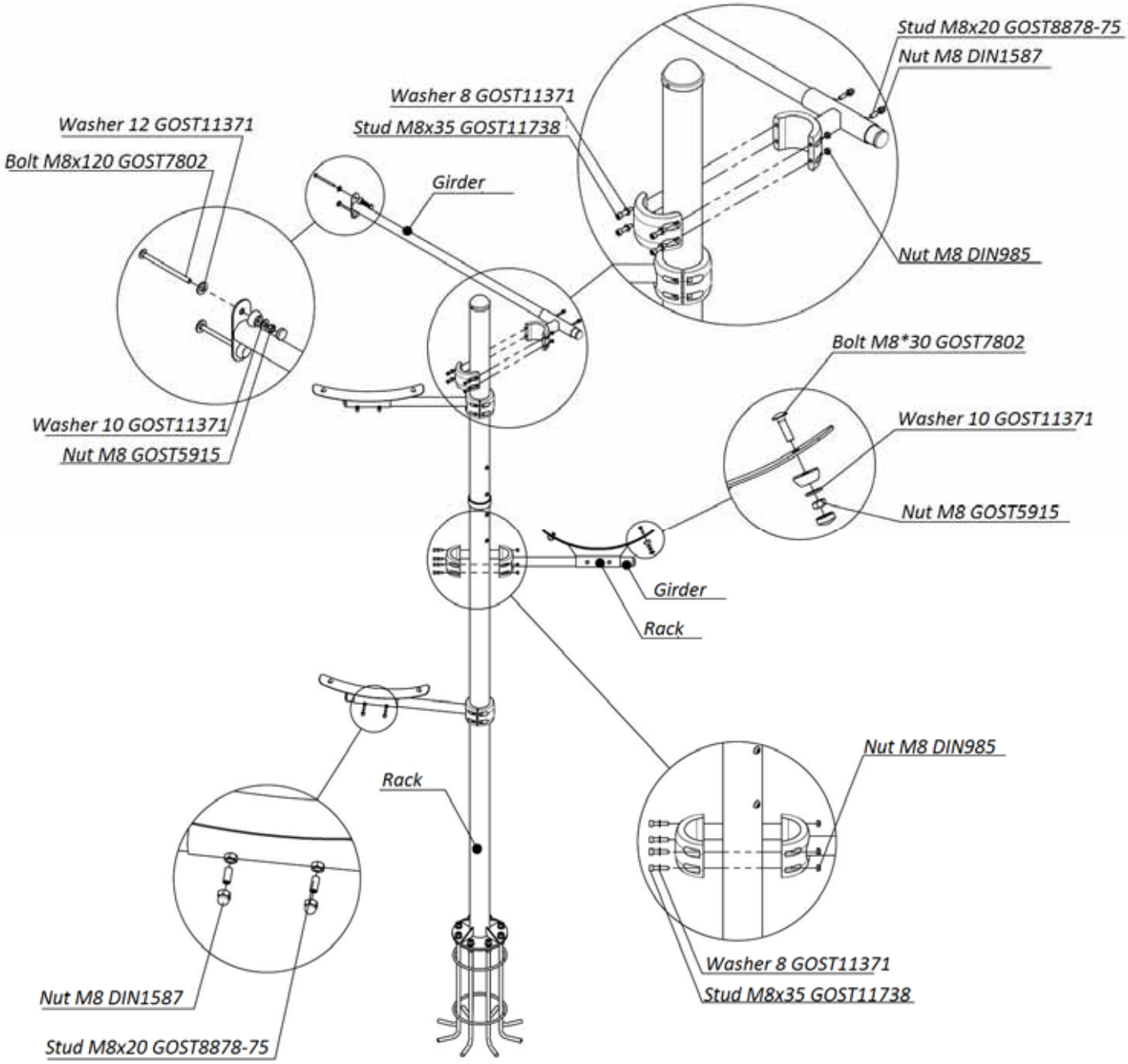
Spoiral slide assembly scheme



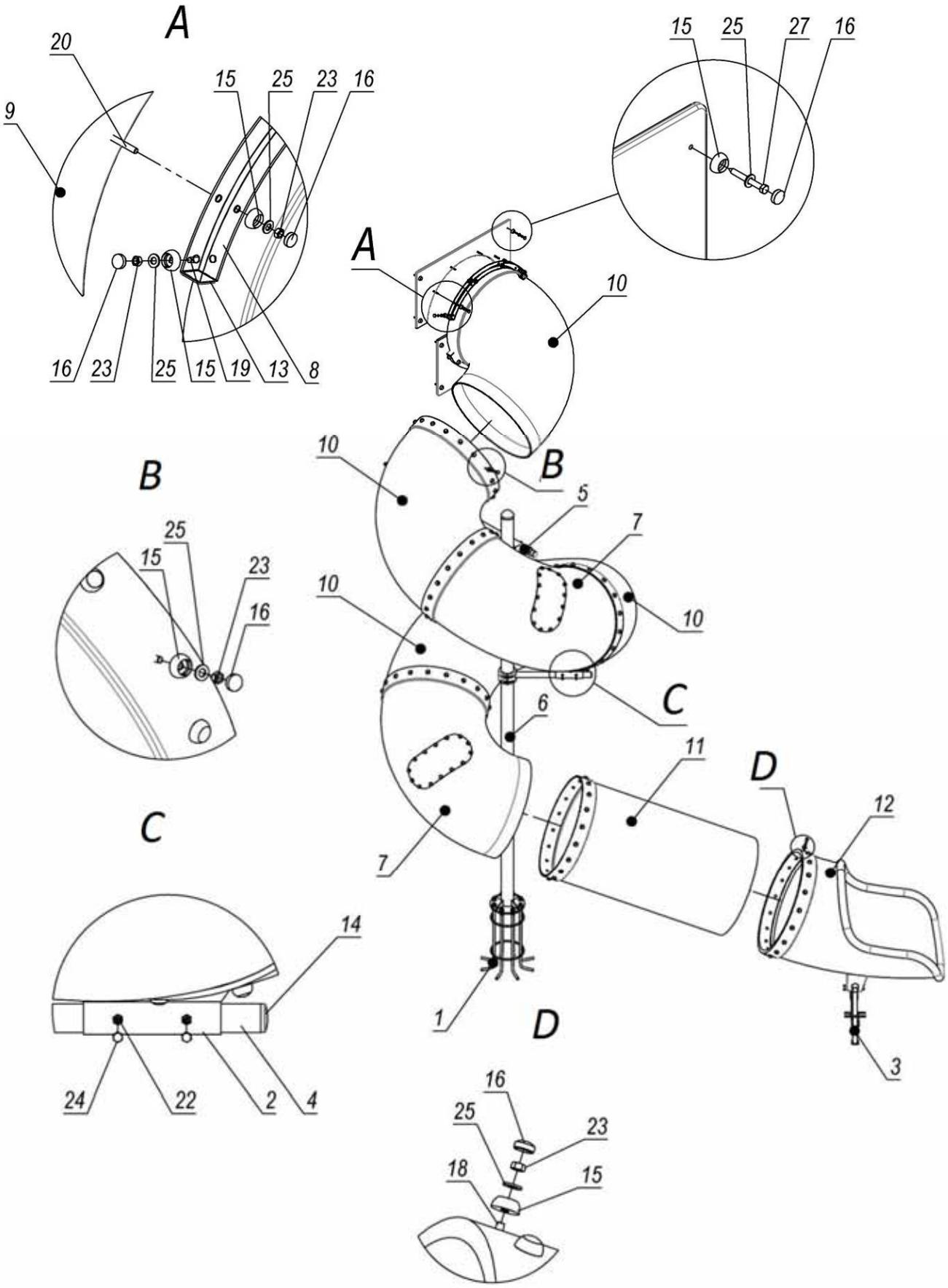
Picture 22 – Overall dimensions



Picture 23 – Rack assembly scheme



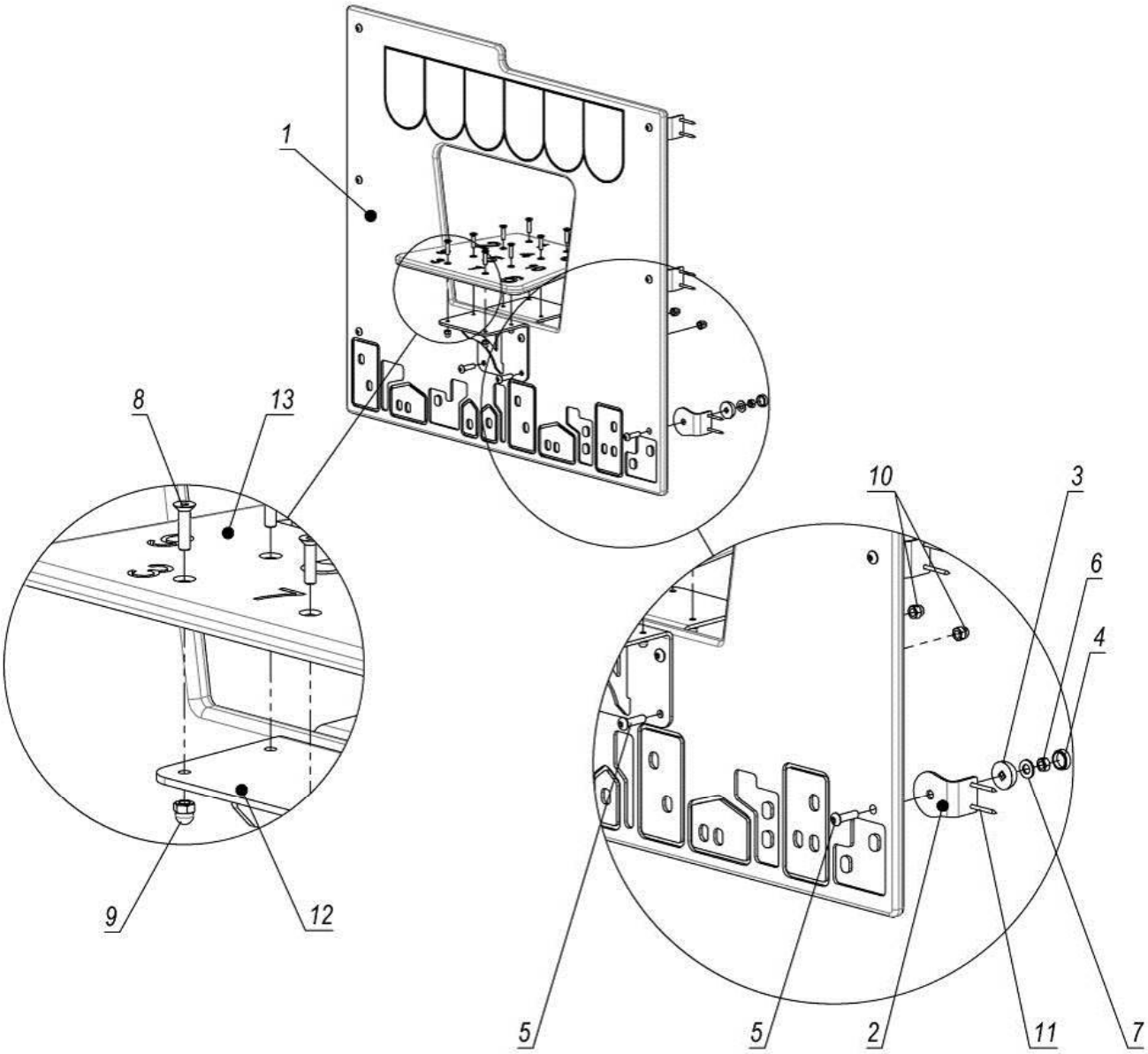
Picture 24 – Girder assembly scheme



Picture 25 – Tube connection scheme

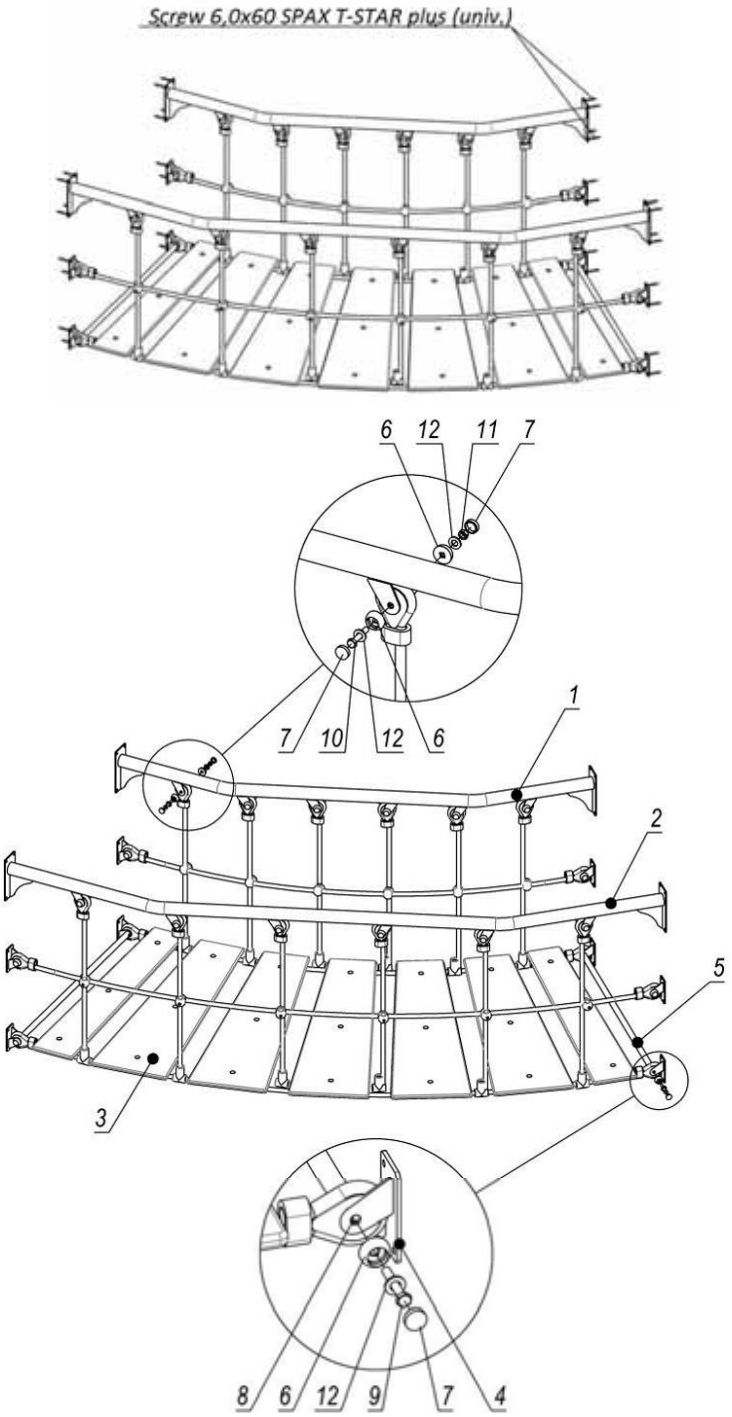
Table 3 – Spiral slide Complete set

Pos.	Name	Weight, kg	Q-ty
1	Foundation (8 anchor assembly)	12	1
2	Rack	1	3
3	Embedded element (slide-tube)	2	2
4	Girder assembly	6	3
5	Girder assembly	9	1
6	Rack 4,0m	36	1
7	Sector with a window assembly	23	2
8	Tunnel half-clamp	2	2
9	Entrance	4	2
10	Angle tube 760	.	4
11	Straight tube 760	30	1
12	Whistle tube 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 GOST7787-93		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



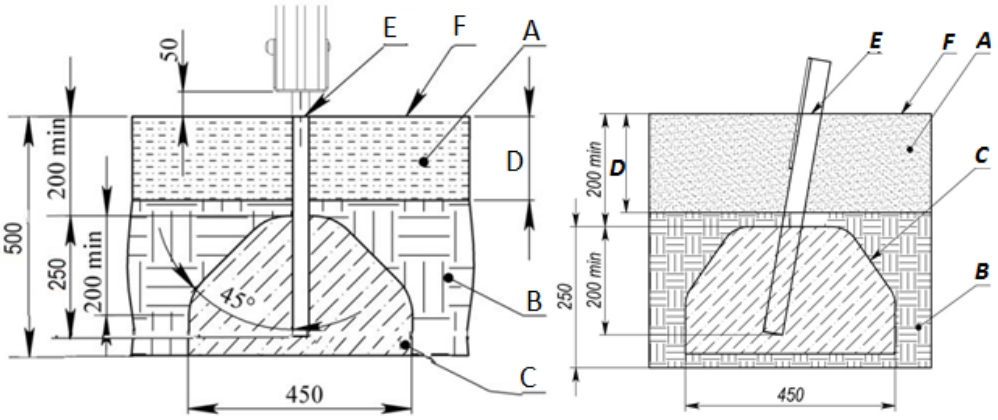
Pos.	Name	Weight, kg	Q-ty
1	Panel "Shop window" 0,75m	7	1
2	Angle bearing element 40x60		6
3	Cup M8		6
4	Cap M8		6
5	Stud M8x30 ISO7380		10
6	Nut M8 GOST5915		6
7	Washer 10 GOST11371		6
8	Stud M6x25 DIN 7991		8
9	Cap nut M6 DIN 1587		8
10	Cap nut M8 DIN 1587		4
11	Screw 4x40 GOST1145		12
12	Angle shop window		2
13	Table with numbers		1

Picture 26 – Panel "Shop window" assembly scheme
(Other panels assembly is identical)



Pos.	Name	Weight,kg	Q-ty
1	Small arc of a bridge	12	1
2	External arc of a bridge	10	1
3	Net of rope arc passage	43	1
4	Bearing element	.	8
5	Brace rod - limiter	.	2
6	Cup M8	.	36
7	Cap M8	.	36
8	Tube d12x1,5 GOST 10704, L=22mm	.	20
9	Bolt M8*55 GOST7798		4
10	Bolt M8*45 GOST7798		16
11	Nut M8 GOST5915		16
12	Washer 10 GOST11371		34

Picture 27 – Bridge assembly scheme



For beam rack and other elements for slides

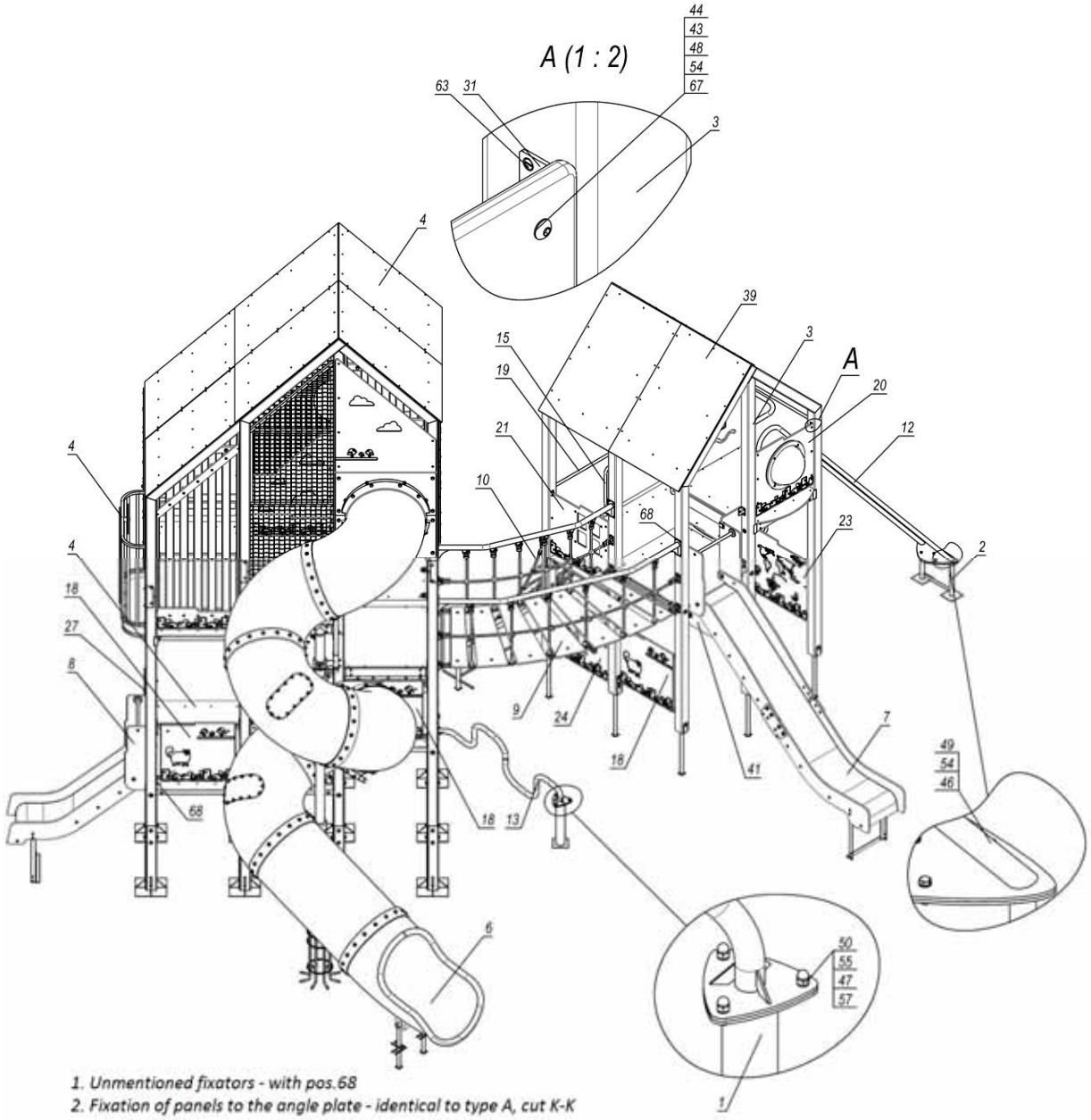
A - impact-absorbing coverage;
B - soil;
C - concrete;
D - depth of impact-absorbing coverage;
E - product flat surface;
F - playing ground.

Examples of impact-absorbing coverage

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
Other materials	*Tested by NIS according to EN 1177*	*Under the test*	*Under the test*

1. *Materials specially prepaired for playgrounds.*
2. *Clayish admixture is not allowed. Grain size is gained by separator sift as in EN 933-1.*

Picture 28 – Concreting scheme

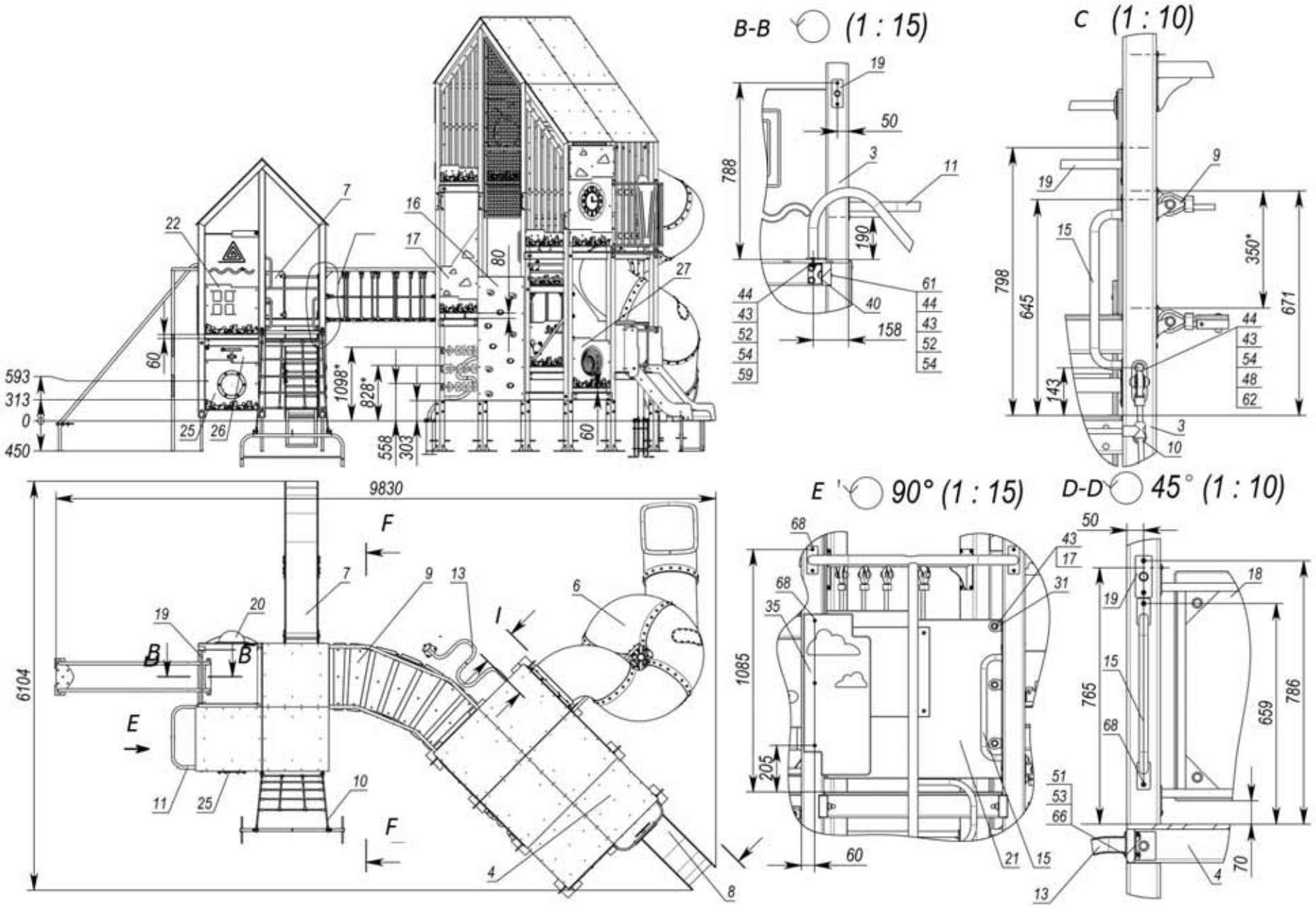

A (1 : 2)
44
43
48
54
67
63
31
3
4
39
15
19
21
10
68
A
20
12
23
2
4
4
18
27
8
9
24
18
41
7
49
54
46
68
18
13
6
50
55
47
57
1
1. Unmentioned fixators - with pos.68
2. Fixation of panels to the angle plate - identical to type A, cut K-K

Picture 29

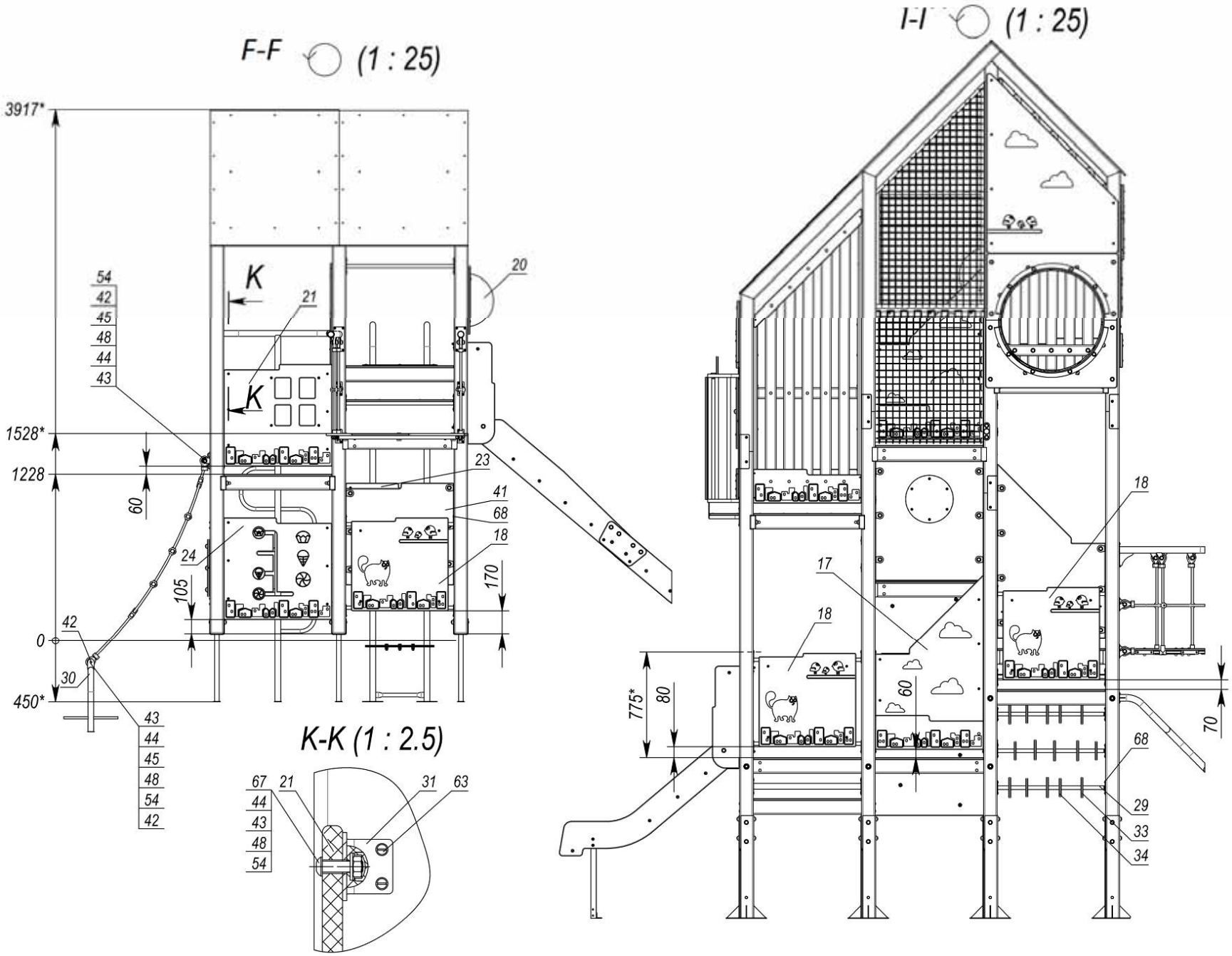
Pos.	Name	Weight,kg	Q-ty
1	Rack	6	1
2	Support	8	1
3	Big tower (1,2-2m)	288	1
4	Multi-level tower (2x3m)	1233	1
5	Roof 2x2m (base)	56	1
6	Slide Ukrkhimplast (3,5m)	319	1
7	Slide 1,5m assembly	60	1
8	Slide 0,7m assembly	37	1
9	Rope passage 1,9m arc	71	1
10	Rope ladder 1,2m	5	1
11	Ladder with steps 1,2m	16	1
12	Rails slide (2m)	26	1
13	Slide "Snake"	11	1
14	Rope bearing element		2
15	Handle		5
16	Rock climber wall	31	1
17	Panel with clouds	13	2
18	Fence-plastic (0,8m)	13	4
19	Brace rod 0,8m	1	3
20	Panel with illuminators	10	1
21	Panel with windows	8	1
22	Panel with windows	8	1
23	Panel "World Map" (0,75m) assembly	8	1
24	Panel "Sweets" (0,75m) assembly	8	1
25	Vertical labyrinth	10	1
26	Panel "What is this about?" assembly	8	1
27	Panel "Illusion" assembly	11	1
28	Calculator passage		3
29	Calculator beam	1	3
30	Brace rod of rope climb	10	1
31	Angle bearing element 40x60		68
32	Flange		1
33	Triangle		8
34	Flower		7

Pos.	Name	Weight	Q-ty
35	Fence panel (0,3m)	3	1
36	Girder	2	6
37	Angle plate 80mm		12
38	Roof batter (950x1400)	14	1
39	Roof batter (950x1400)	14	2
40	Fixation flange (580mm)	2	1
41	Panel "Labyrinth" (0,75m)	8	1
42	Tube d12x1,5 GOST 10704, L=22mm		4
43	Cap M8		87
44	Cup M8		87
45	Bolt M8*45 GOST7798		4
46	Bolt M10*40 GOST7798		5
47	Bolt M12*30 GOST7798		3
48	Nut M8 GOST5915		76
49	Nut M10 GOST5915		10
50	Cap nut M12 DIN1587		3
51	Nut M6 DIN985		4
52	Nut M8 DIN985		7
53	Washer 6 GOST11371		4
54	Washer 10 GOST11371		95
55	Washer 12 GOST6402		3
56	Washer 12 GOST6958		4
57	Washer 12 GOST11371		3
58	Screw 4x40 GOST1144		48
59	Bolt M8*35 GOST7802		3
60	Bolt M8*45 GOST7802		4
61	Bolt M8*55 GOST7802		4
62	Bolt M8*120 GOST7802		4
63	Screw 4x40 GOST1145		136
64	Screw 6x35 GOST1145		48
65	Screw 6x70 GOST1145		10
66	Stud M6x40 ISO7380		4
67	Stud M8x30 ISO7380		64
68	Screw 6,0x60 SPAX T-STAR plus (univ)		105

Picture 30

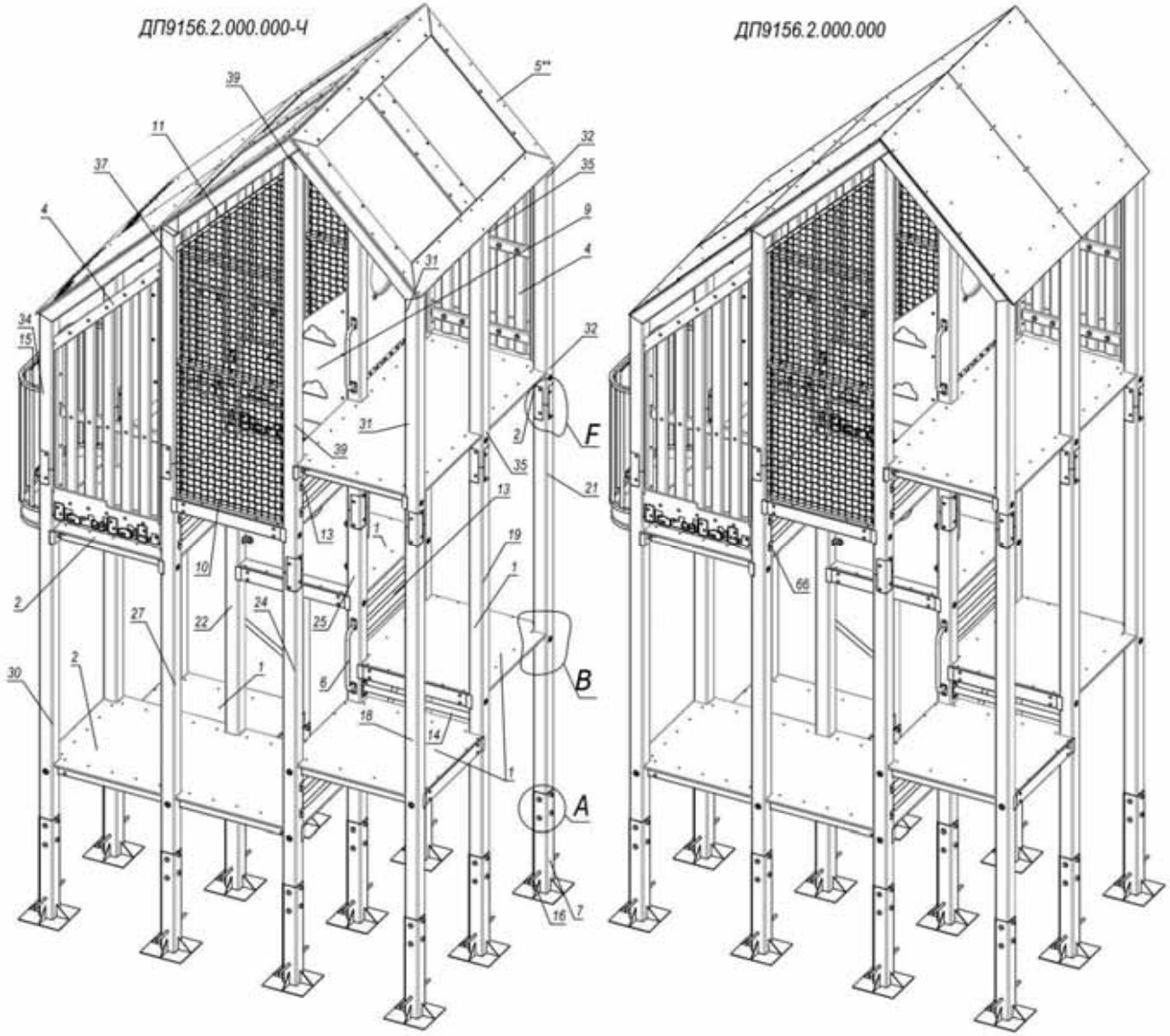

B-B (1 : 15)
C (1 : 10)
E 90° (1 : 15)
D-D 45° (1 : 10)
9830
6104
593
313
0
450
60
1098*
828*
558
303
788
798
645
143
350*
671
1085
205
765
659
786
70
158
60

Picture 31


F-F (1 : 25)
I-I (1 : 25)
K-K (1 : 2.5)
3917*
1528*
1228
0
450*
60
105
170
775*
80
60
70
54
42
45
48
44
43
20
21
23
41
68
18
24
30
17
31
63
67
29
33
34

Picture 32

Multi-level tower module (2x3m)



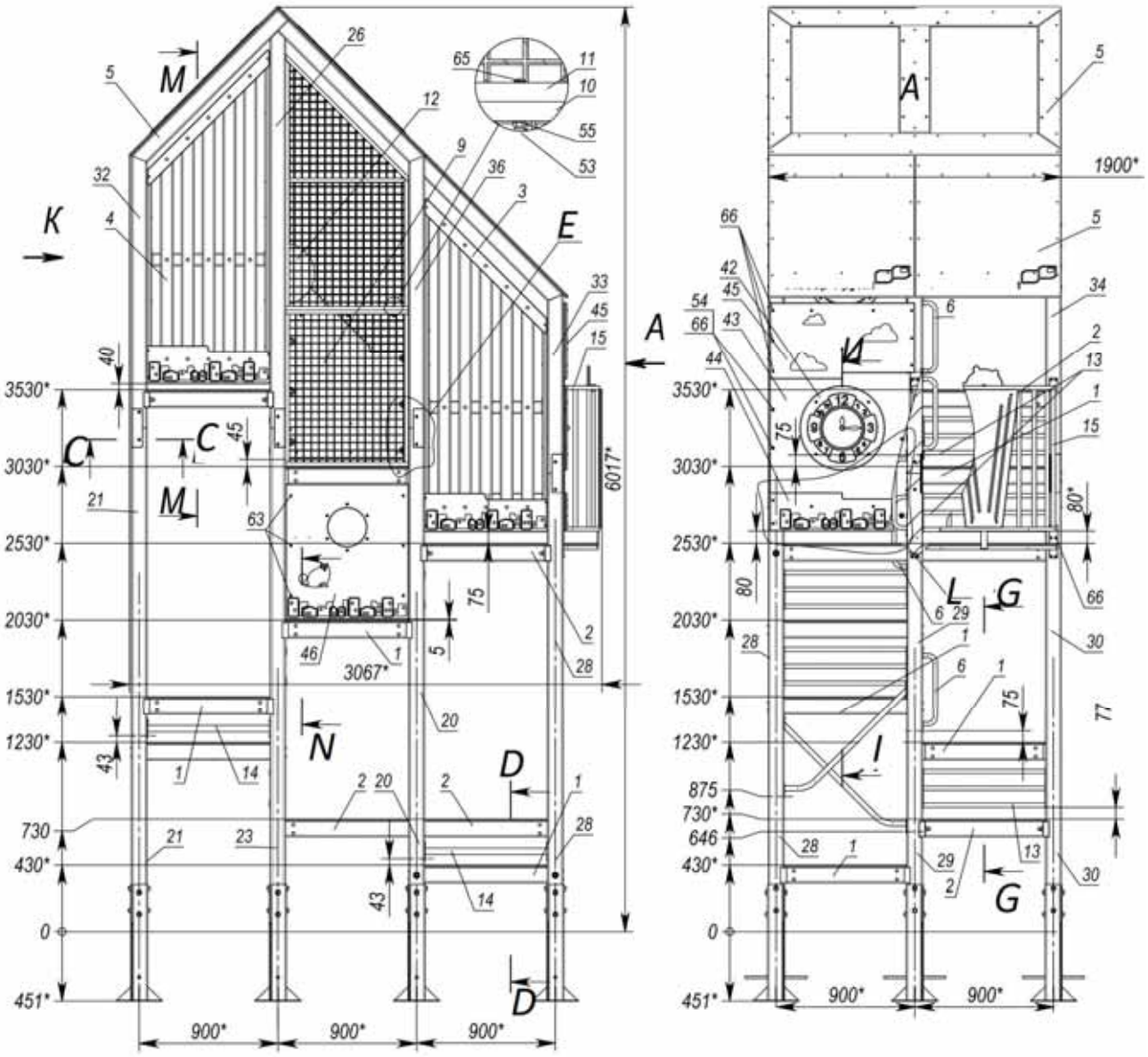
1. Racks to beams fixation - in accordance with type A. Platform to beams fixation - in accordance with B. Beams connection - in accordance with C.
2. All unmentioned fixators to the beams - with pos. 66
3.** At the rest of the sheets are presented other models, that have the same construction, but different colour performance and another roof.

Picture 33

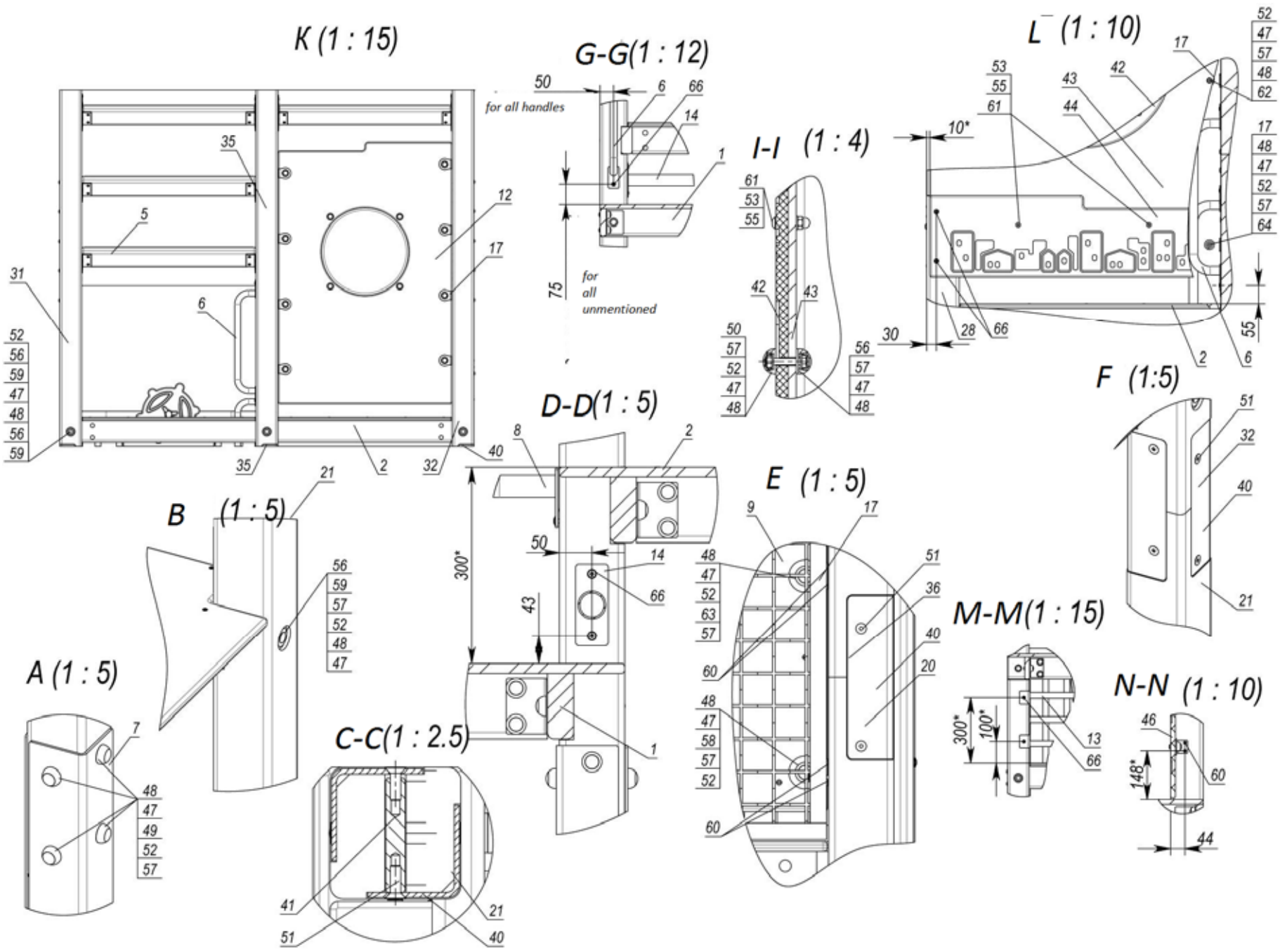
Pos.	Name	Weight	Q-ty
1	Platform 1x1m (standard)	19	5
2	Double platform (1,9x1m)	35	3
3	Left angle wooden fence		1
4	Right angle wooden fence	23	2
5	Roof 2x3m	192	1
6	Handle		5
7	Big tower support	12	12
8	Bottom	2	2
9	Panel with clouds	12	1
10	Fence-net (0,8x1)	9	2
11	Fence-net	13	2
12	Big panel with illuminators	15	1
13	Stitching	.	5
14	Beam under the tower	2	2
15	Balcony (0,94x1,2m) with steering wheel	27	1
16	Armature 16 L=400 DSTU3760		12
17	Angle bearing element 40x60		23
18	Beam 3,2m (slot 1,2)	19	1
19	Beam 3,2m (slots 1,2/1,5)	19	1
20	Beam 3,2m (slots 2/2,5)	19	1
21	Beam 3,2m (slot 1,5m)	19	1
22	Beam 3,2m (5 slots)	18	1
23	Beam 3,2m (slots 1,5/2)	19	1
24	Beam 2,6m (slots 0,7/1,2)	15	1
25	Beam 2,6m (4 slots)	15	1
26	Beam 2,5m (slot 3,5)	15	1
27	Beam 3,2m (slots 0,7/2,5/3)	19	1
28	Beam 2,93m (slot 0,4/2,5)	17	1
29	Beam 2,93m (slot 0,4/0,7/2,5)	17	1
30	Beam 2,93m (slots 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	Q-ty
34	Beam 1,27m	7	2
35	Beam 1875m (slot 3,5m)	10	1
36	Beam 1875mm	11	1
37	Beam 1875mm	11	1
38	Beam 1,15m	11	1
39	Beam 3.18m	18	2
40	Angle plate	.	24
41	Brace rod D15x87 mm		48
42	Cover plate "Clock"	3	1
43	Transparent plate (0,94x1,48)	15	1
44	Panel Lower city	3	1
45	Upper panel with clouds	6	1
46	Panel "Illuminator" assembly		1
47	Cap M8		159
48	Cup M8		159
49	Pivot 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 (univ.)		143

Picture 34


M
K
E
A
C
C
M
N
D
D
A
L
G
I
G
3530*
3030*
2530*
2030*
1530*
1230*
730
430*
0
451*
875
730*
646
430*
900*
900*
900*
1900*
6017*
3067*
80*
77

Picture 35


K (1 : 15)
G-G(1 : 12)
for all handles
for all unmentioned
I-I (1 : 4)
L (1 : 10)
D-D(1 : 5)
B (1 : 5)
E (1 : 5)
F (1:5)
M-M(1 : 15)
N-N (1 : 10)
A (1 : 5)
C-C(1 : 2.5)

Picture 36