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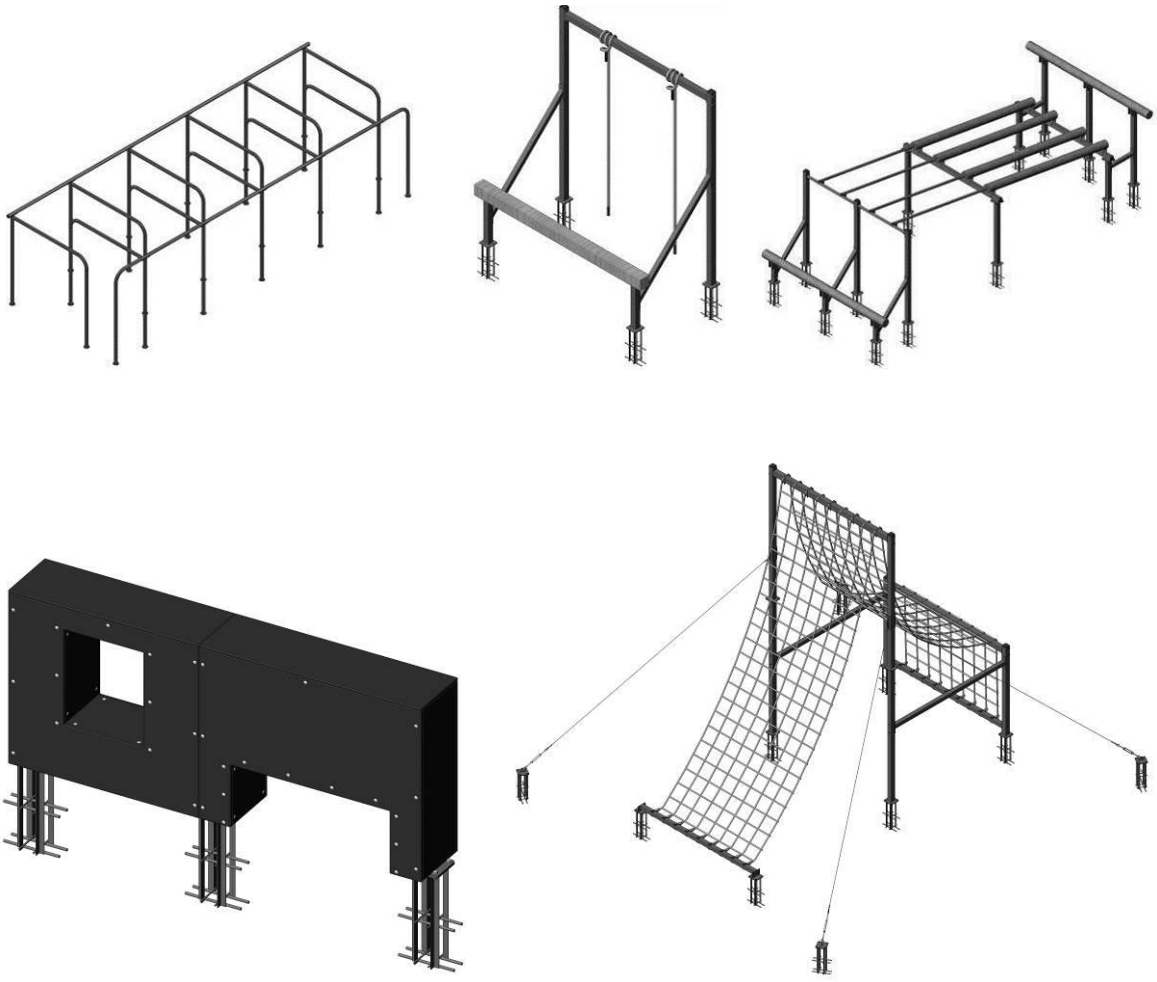
DATA SHEET

Obstacle course KF907



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 quarantee.

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

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

Procedure for assembling and installing the product.

1) Assemble the product according to the pic. 1-36.
2) Treat all bolted connections with anaerobic adhesive.
3) Install the product according to pic.37. During installation of the product on sandy soil, the overall dimensions of the foundation should be increased by 15-20%.

3. USE OF THE PRODUCT

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

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

The product must not be used by users of a different weight category.

Before using the product, clear the safety area of any unnecessary objects that may cause damage to the user (debris, tools left over from 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.

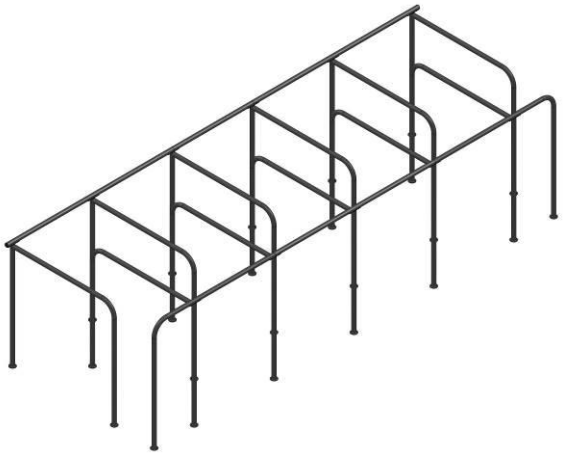
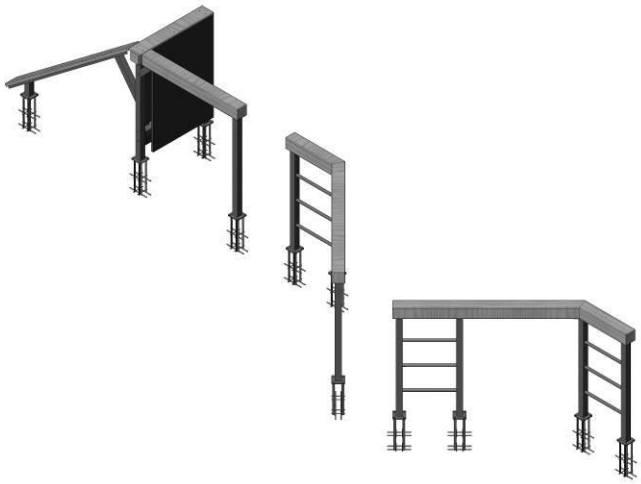
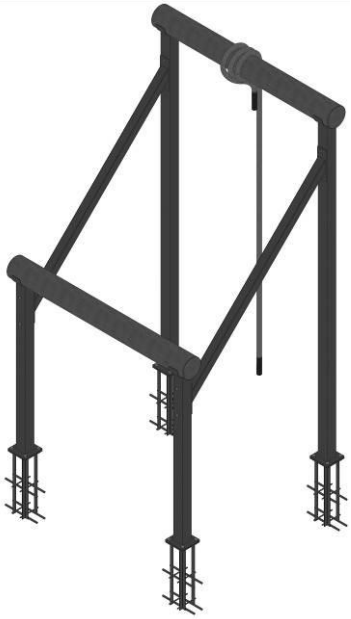
Based on the results of the inspection, a maintenance procedure is carried out to eliminate the identified discrepancies in the product's operation. This procedure includes assessing the condition of parts and assemblies, replacing worn parts, and restoring the integrity of protective coatings. The results 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. TECHNICAL DATA AND ASSEMBLY SCHEMES

Table 1 – Technical characteristics

Product code	Name	Dimensions, mm			Weight, kg
		Length	Width	Height	
KF907.1	Labyrinth	5700	2000	1100	206
KF907.2	Wall-destroyed bridge	13000	3465	2000	761
KF907.3	Steps	5940	2000	1800	346
KF907.4	Two level beams	1850	1950	3450	286
KF907.5	Descent on hands	2870	3000	4100	378
KF907.6	Two-level monkey bar	13290	1280	3100	751
KF907.7	Horizontal ropes	14020	3080	2900	497
KF907.8	Rope for jump	1810	3300	3510	288
KF907.9	Ascent and descent	12560	3000	3120	988
KF907.10	Rope wall	8630	8100	6030	659
KF907.11	Rope for ascent and descent	9270	8100	6030	340
KF907.12	Ascent and vertical downhill	8590	7510	6030	392
KF907.13	Rope road	7570	3950	3010	724
KF907.14	Angled rock	2410	5070	2610	622
KF907.15	Uphill	4140	2580	4070	878
KF907.16	Ladders	8540	3800	2520	1123
KF907.17	Rope ladder with net	8630	8100	5080	405
KF907.18	Horizontal net	10000	2160	500	219
KF907.19	Island hopper	5520	950	180	94
KF907.20	Ladder barrier	2300	200	2210	142
KF907.21	Balancer beam	13450	3700	520	235
KF907.22	Angled wall with rope	2100	2480	3000	553
KF907.23	Pegboard	2820	900	2000	260
KF907.24	Horizontal beams	5300	1950	1200	234
KF907.25	Tunnel	1200	1200	720	112
KF907.26	Vertical ladder	200	2300	4030	202
KF907.27	Jumping wall	2560	270	1900	292
KF907.28	Wall with window	2600	400	1100	217

Table 2 – Appearance

KF907.1	KF907.2
	
KF907.3	**KF907.4**
	
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	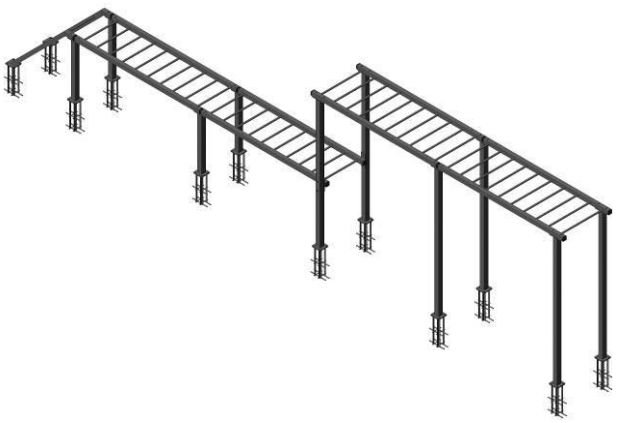

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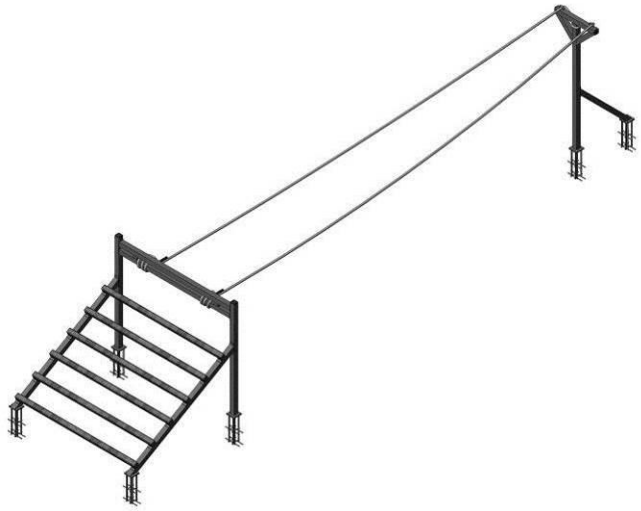	
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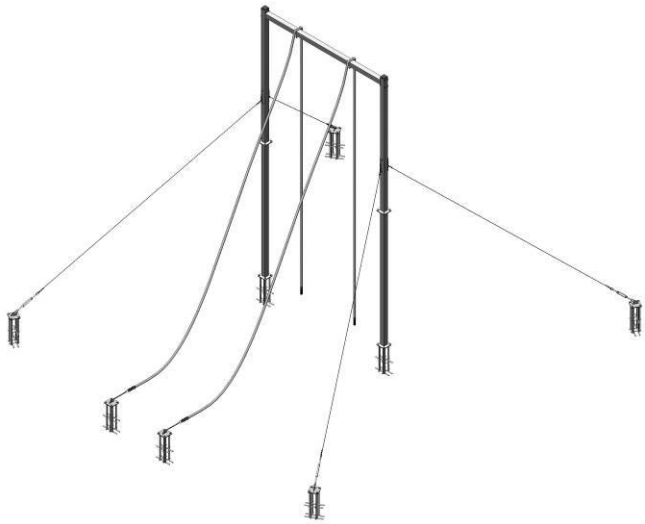
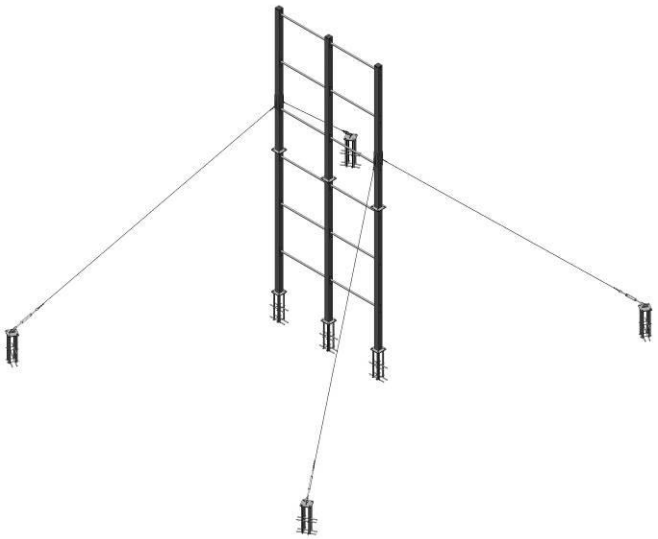
KF907.11	**KF907.12**
	

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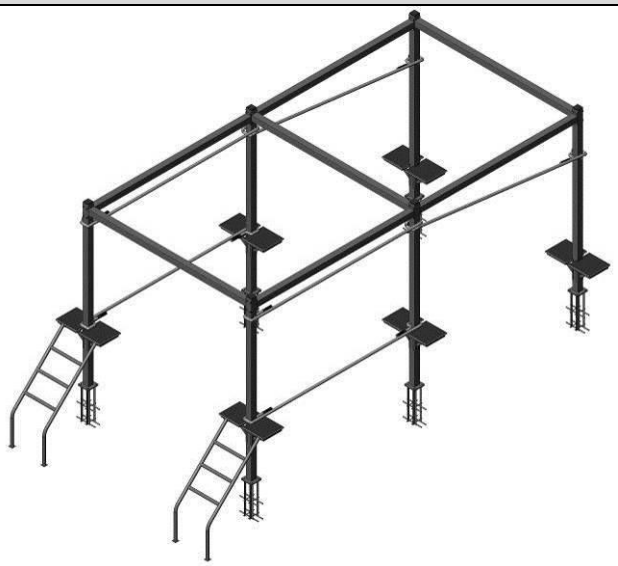	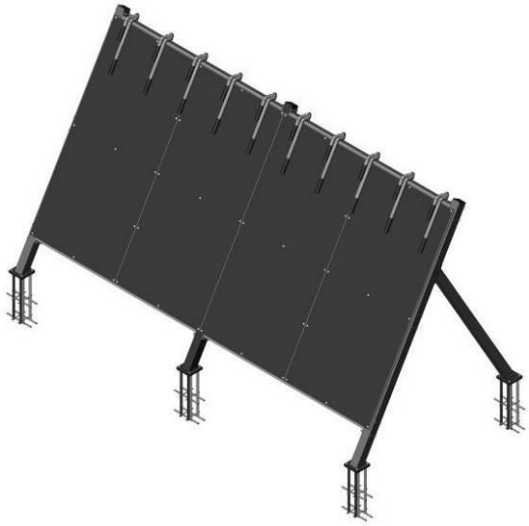
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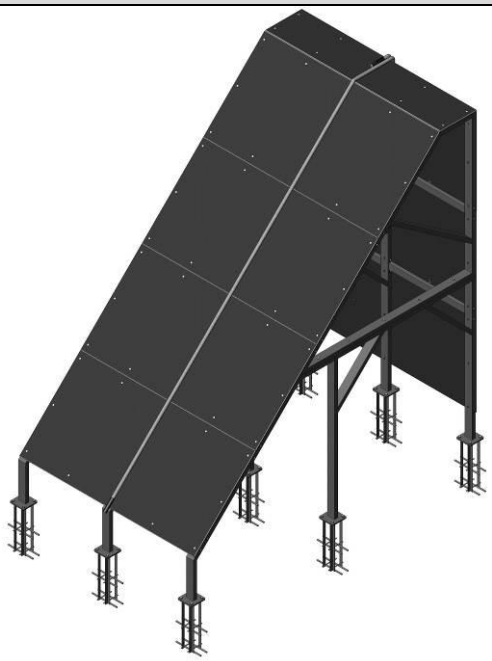	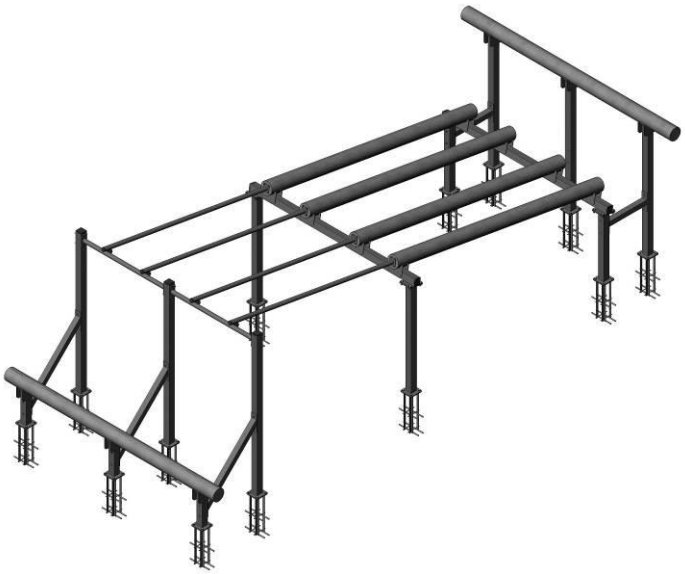
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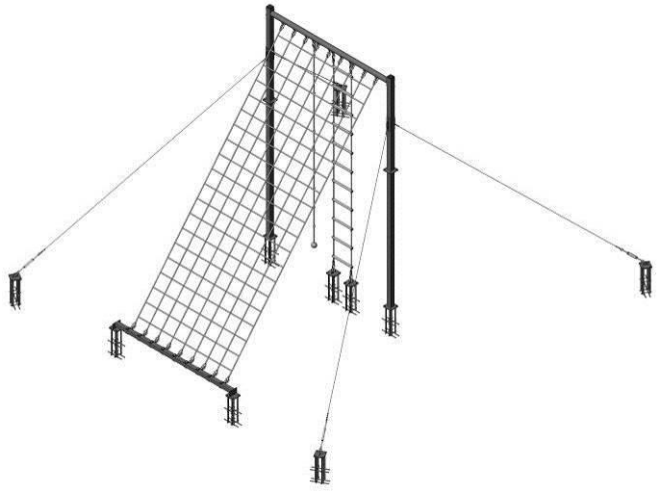	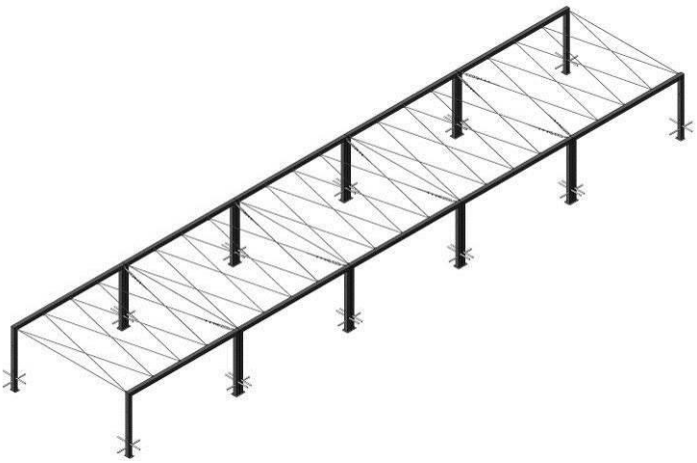

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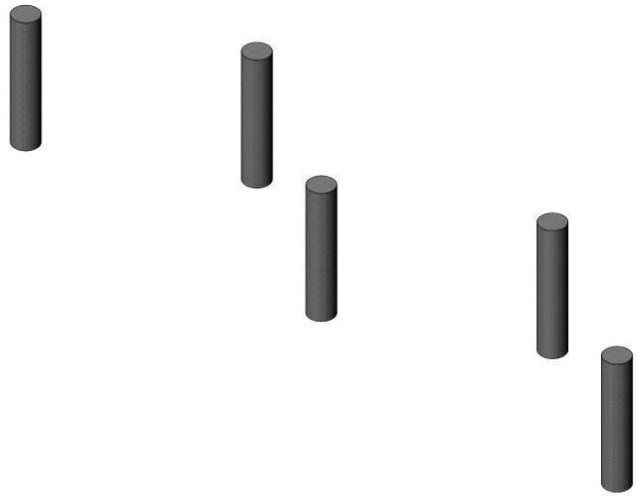	
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	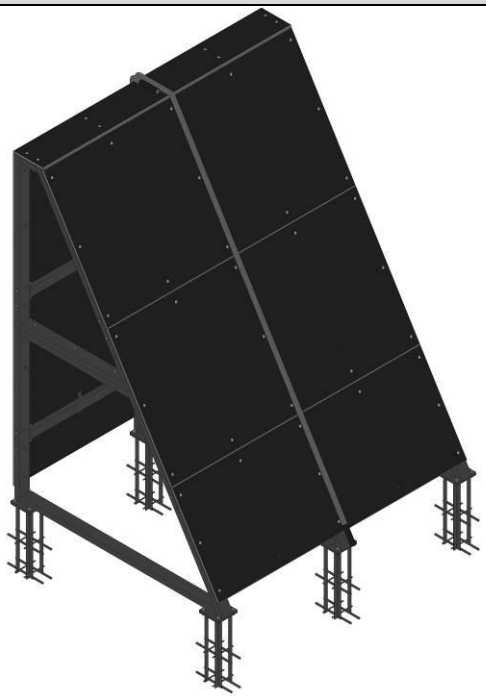
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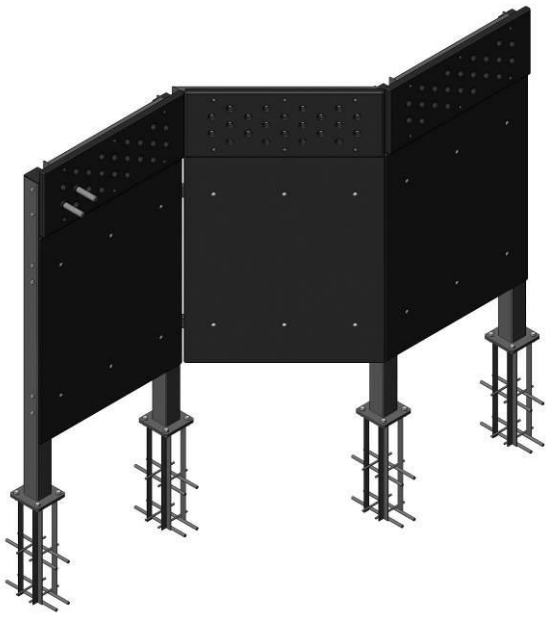	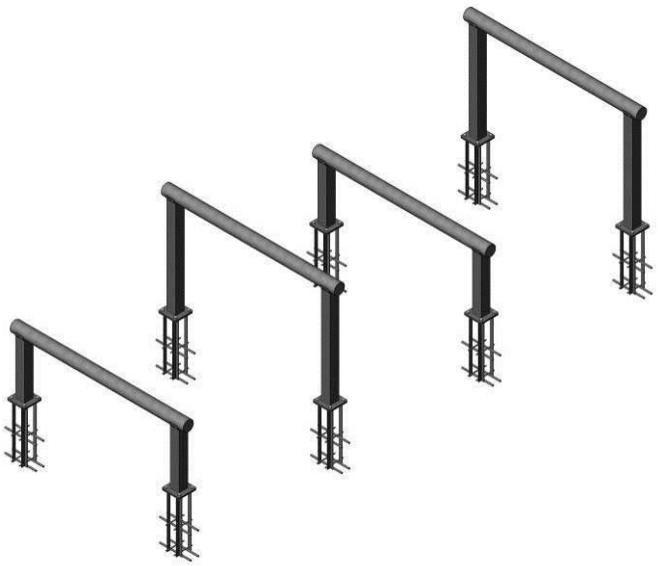

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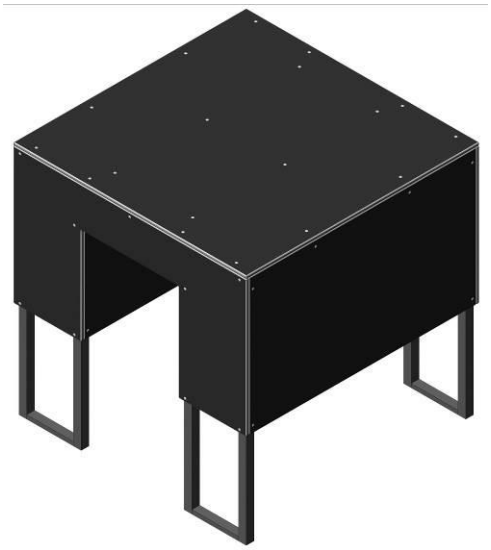	
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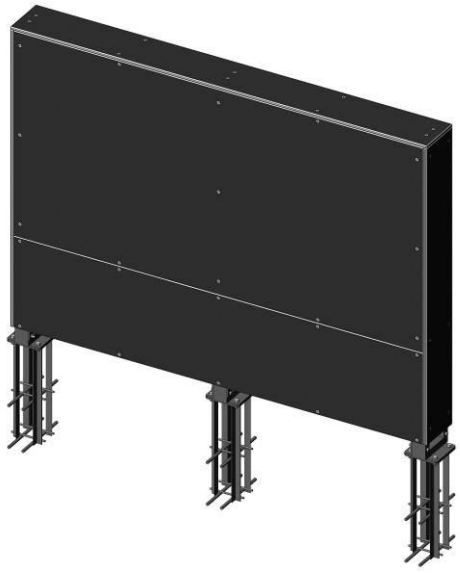
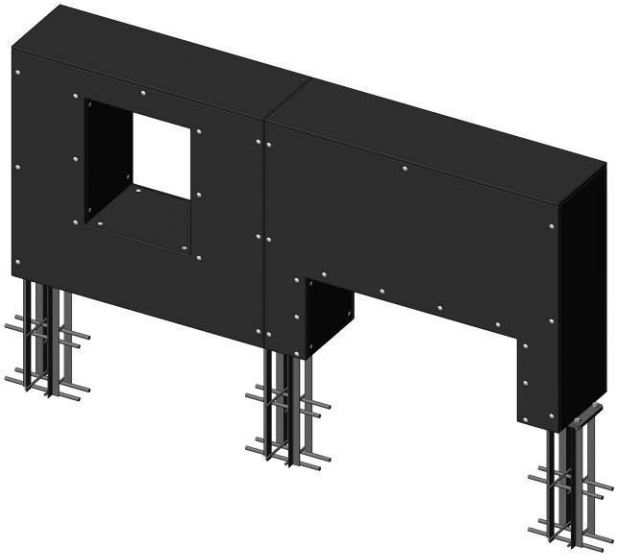
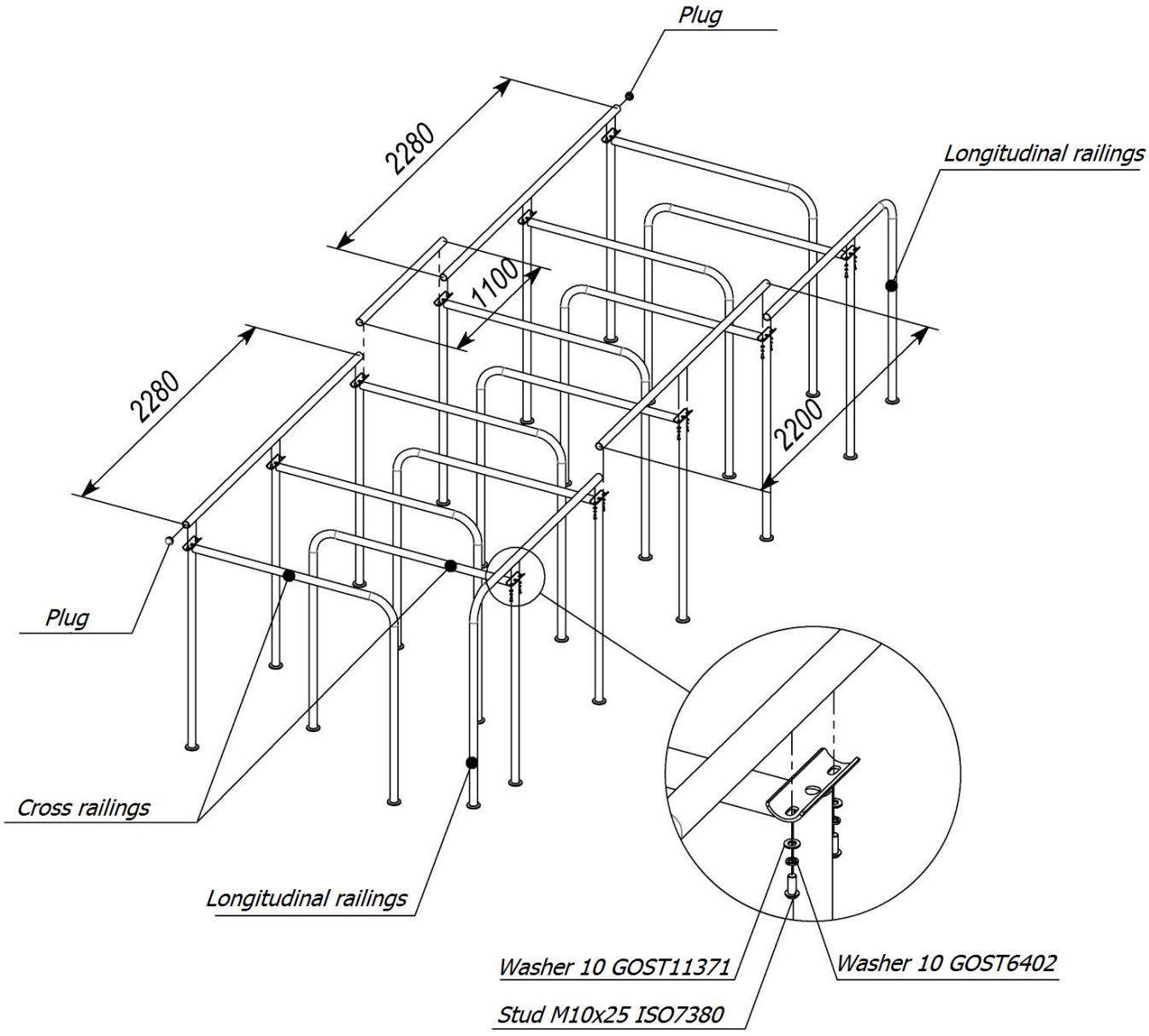
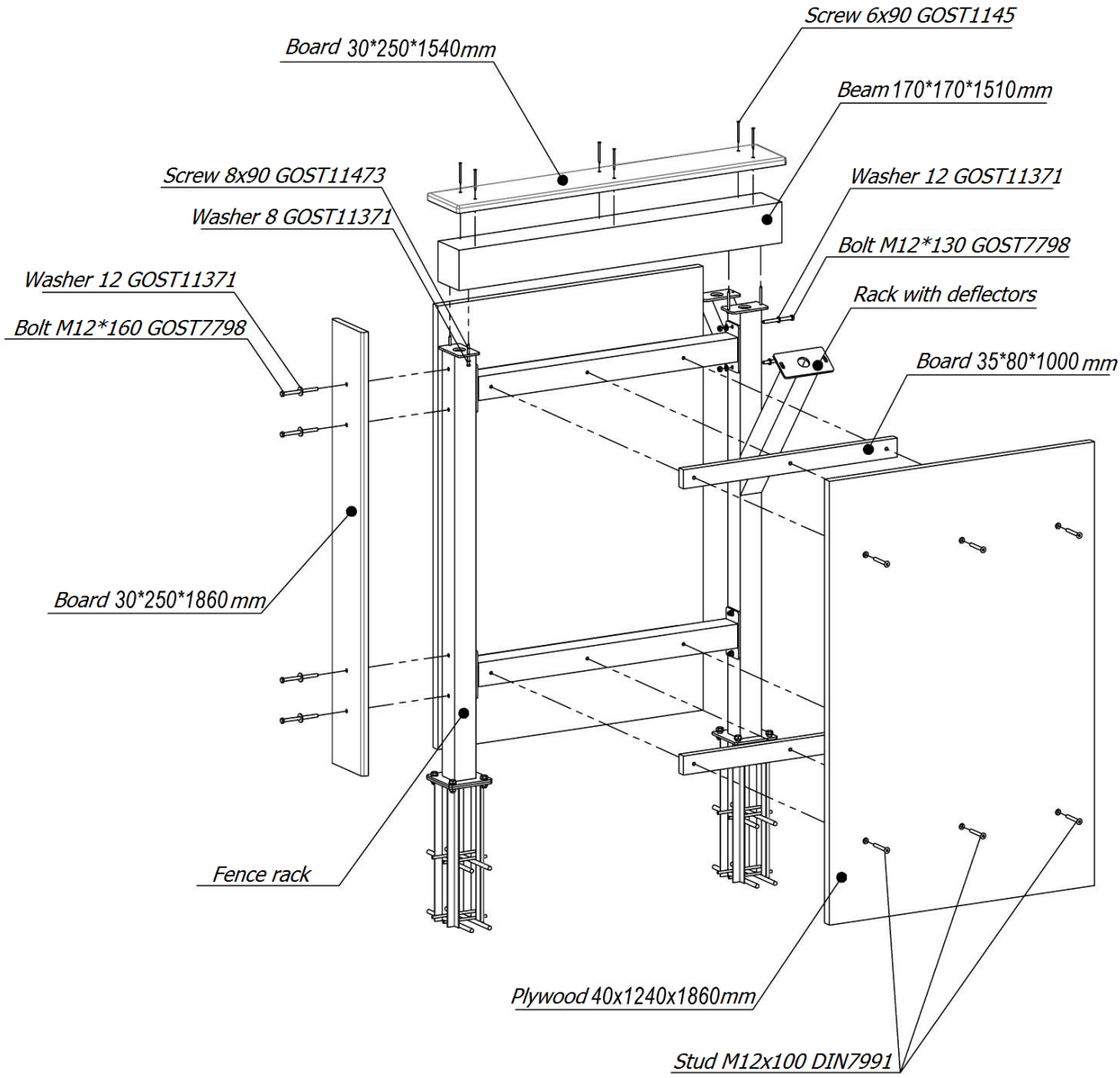
	

Labyrinth KF907.1

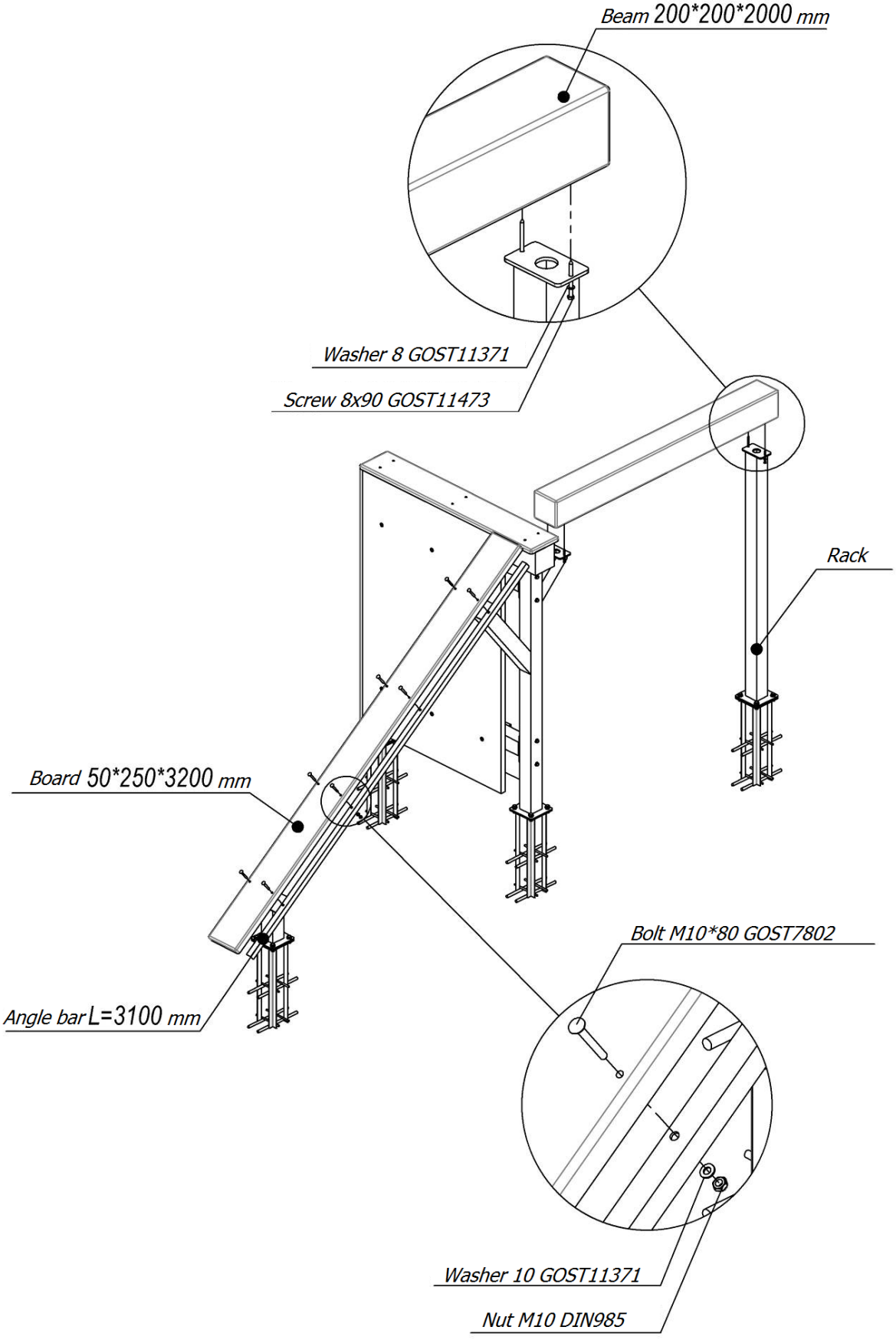


Picture 1 – Assembly scheme of «Labyrinth»

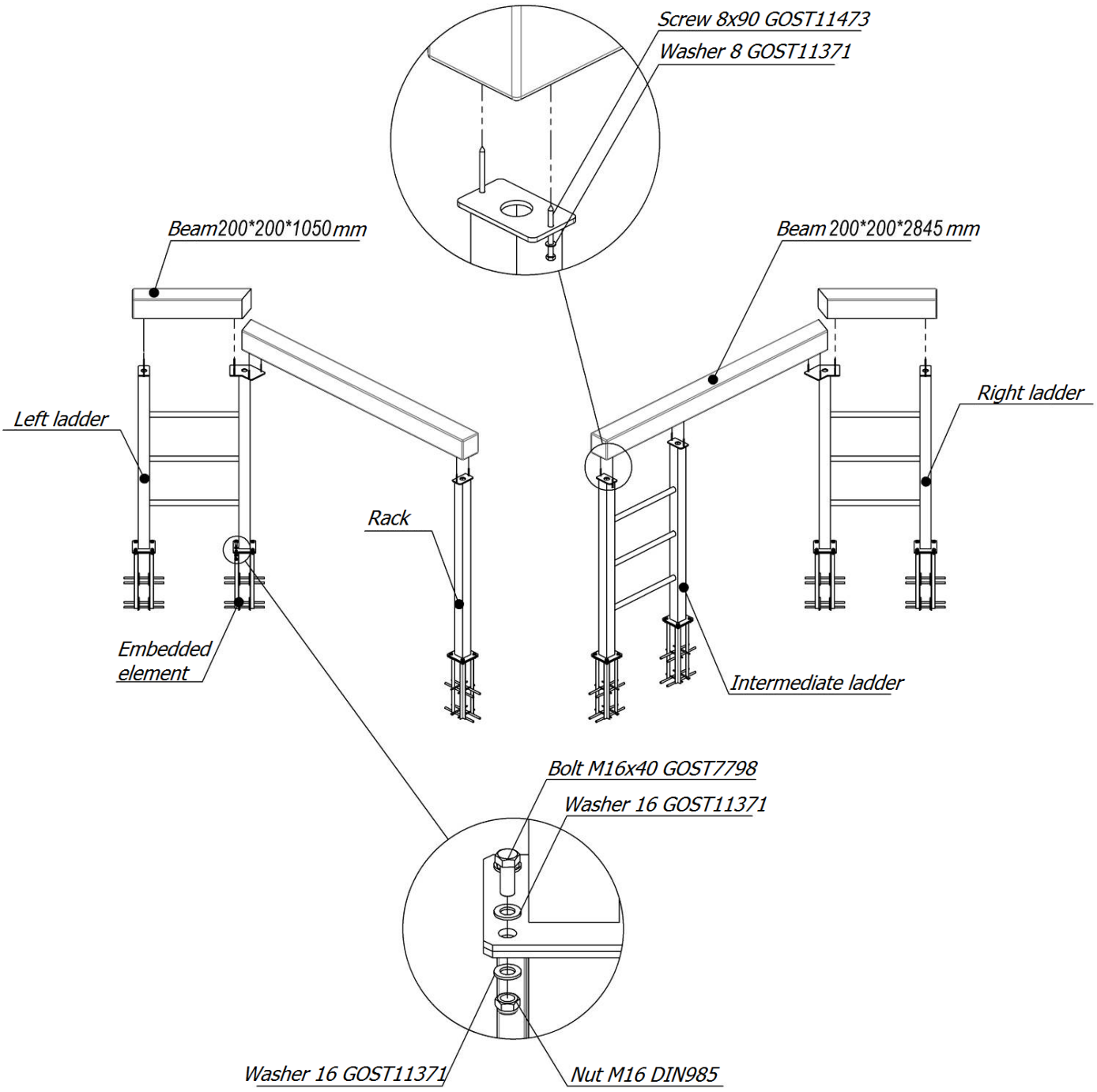
Wall-destroyed bridge KF907.2



Picture 2 – Assembly scheme of «Wall-destroyed bridge №1»

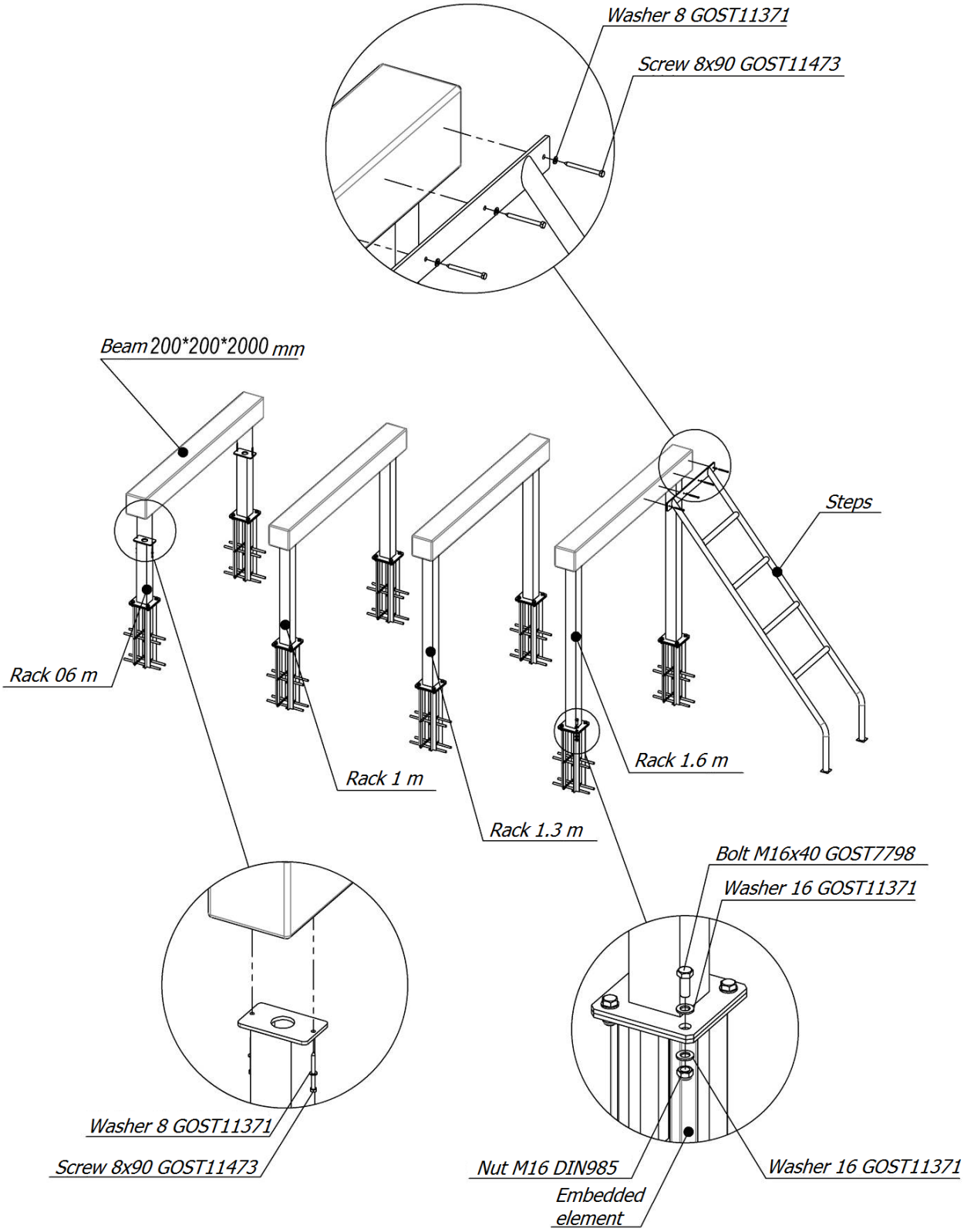


Picture 3 – Assembly scheme of «Wall-destroyed bridge №2»



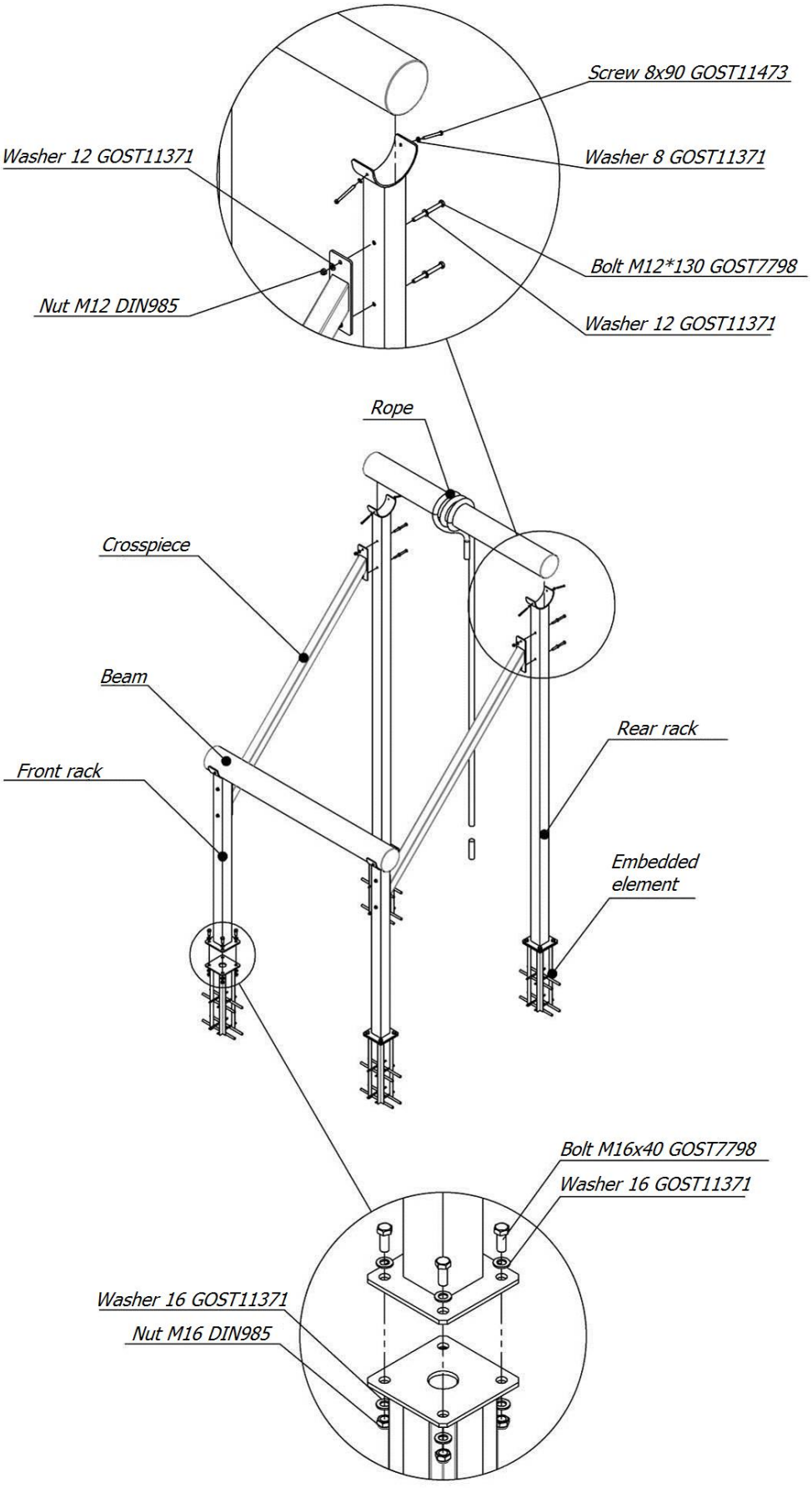
Picture 4 – Assembly scheme of «Wall-destroyed bridge №3»

Steps KF907.3



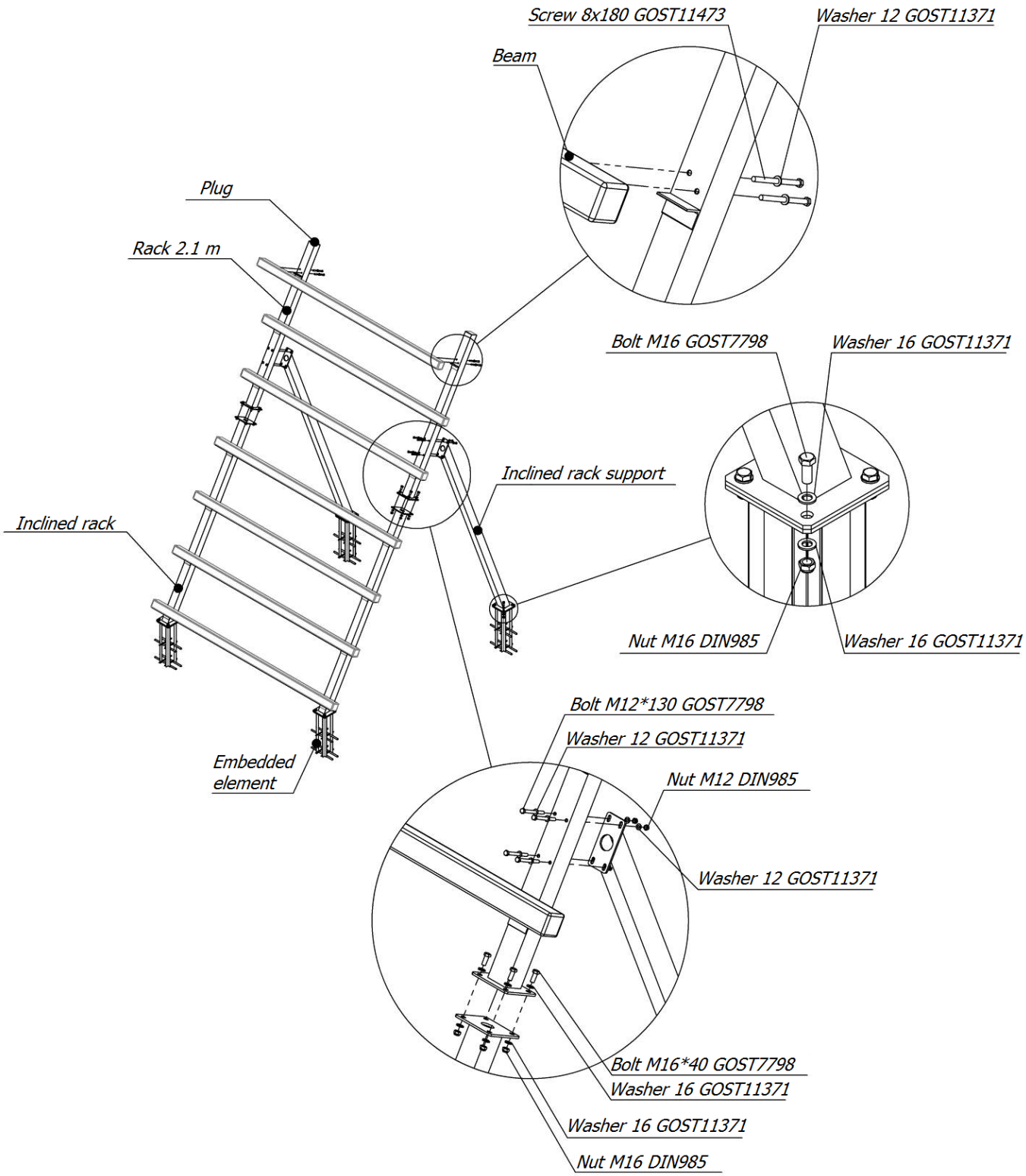
Picture 5 – Assembly scheme of «Steps»

Two level beams KF907.4



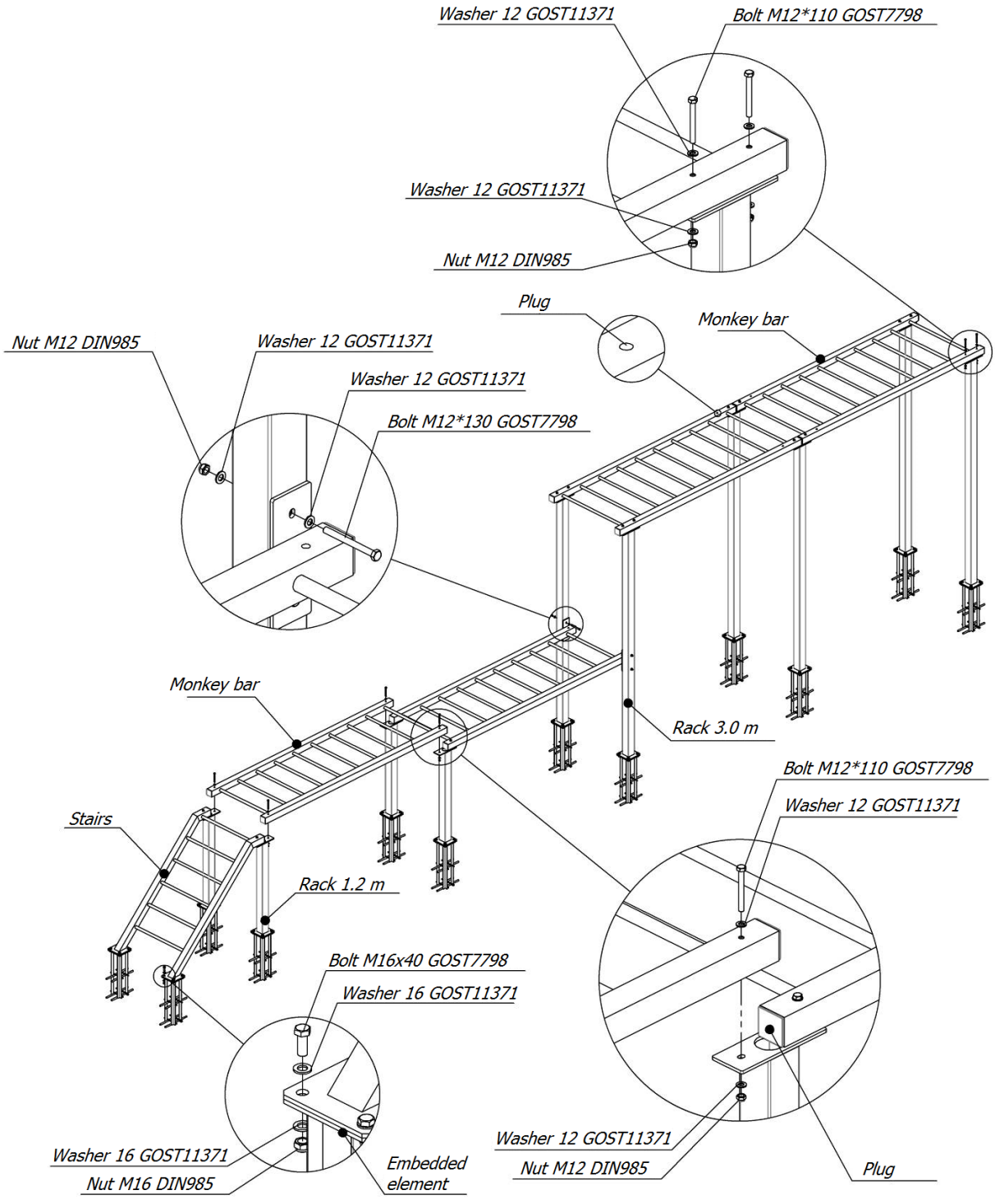
Picture 6 – Assembly scheme of «Two level beams»

Descent on hands KF907.5



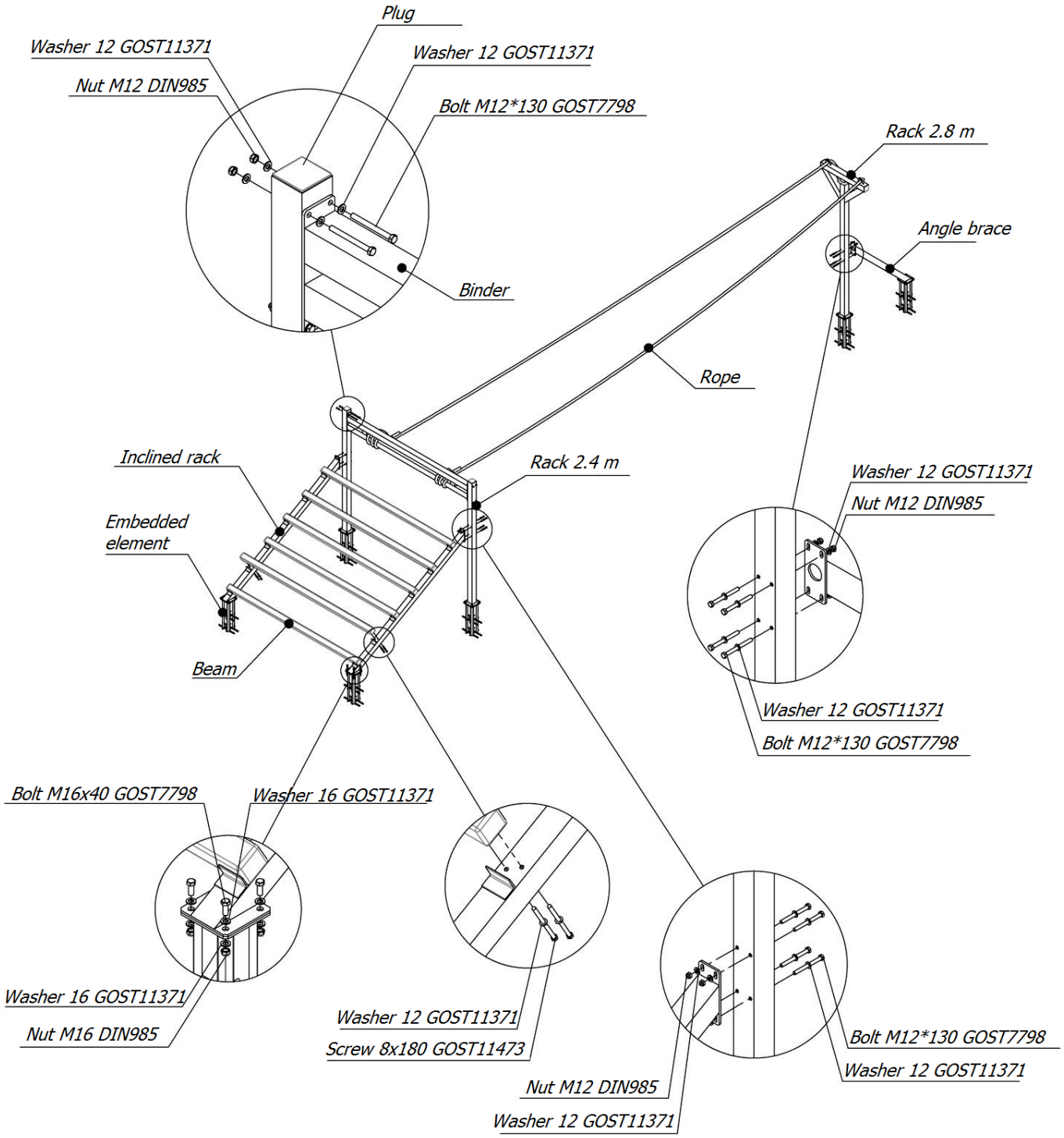
Picture 7 – Assembly scheme of «Descent on hands»

Two-level monkey bar KF907.6



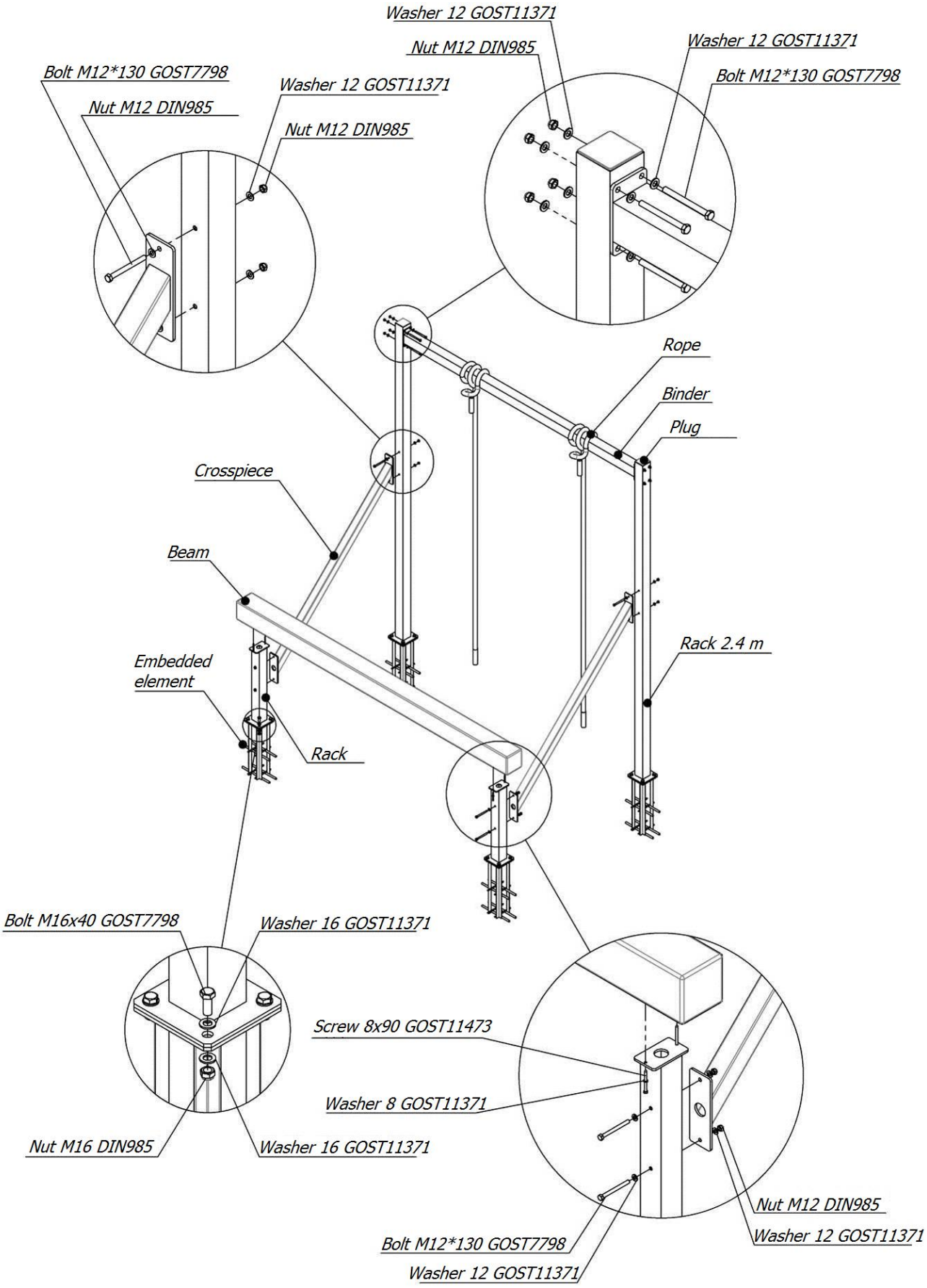
Picture 8 – Assembly scheme of «Two-level monkey bar»

Horizontal ropes KF907.7



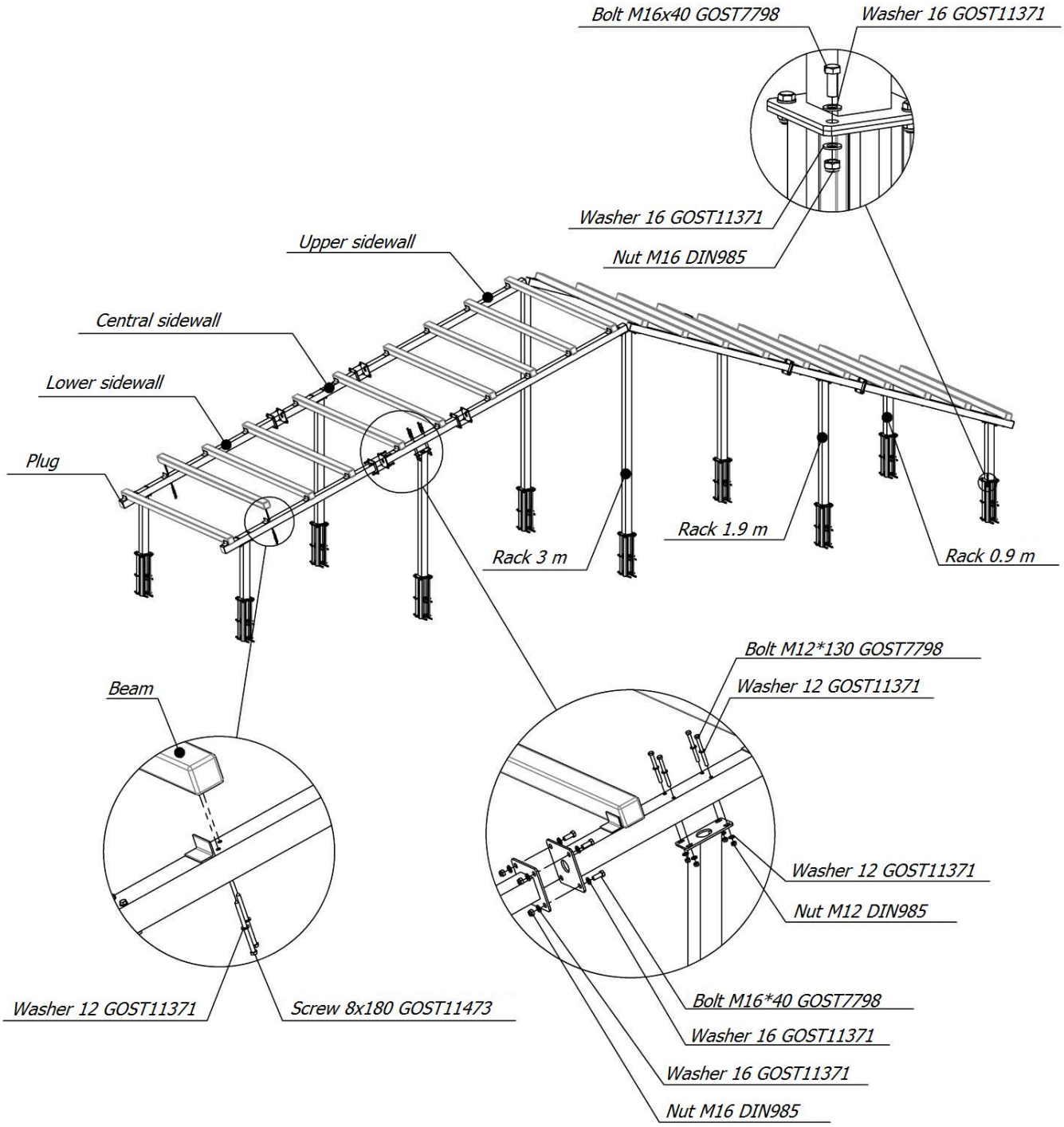
Picture 9 – Assembly scheme of «Horizontal ropes»

Rope for jump KF907.8



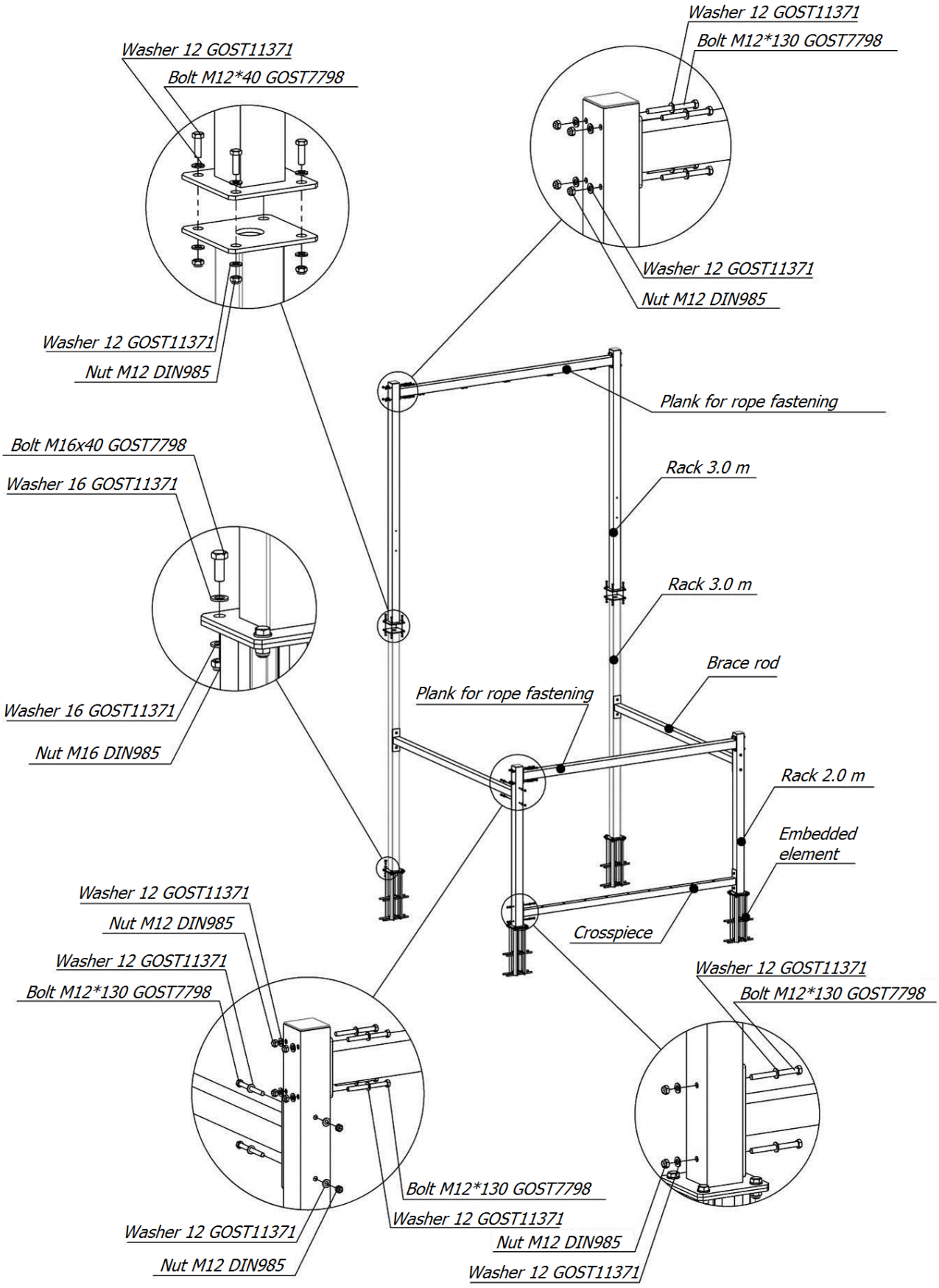
Picture 10 – Assembly scheme of «Rope for jump»

Ascent and descent KF907.9

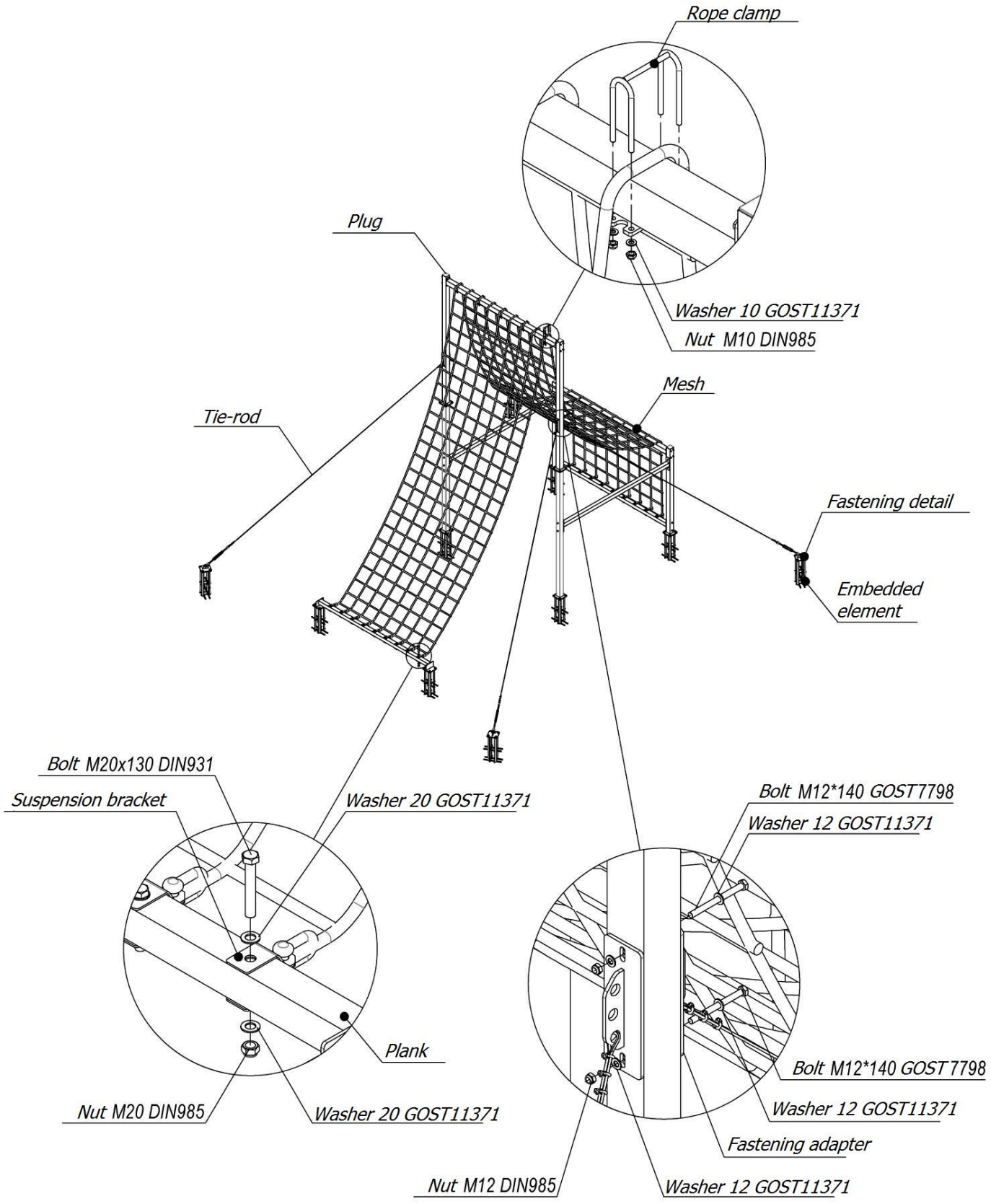


Picture 11 – Assembly scheme of «Ascent and descent»

Rope wall KF907.10

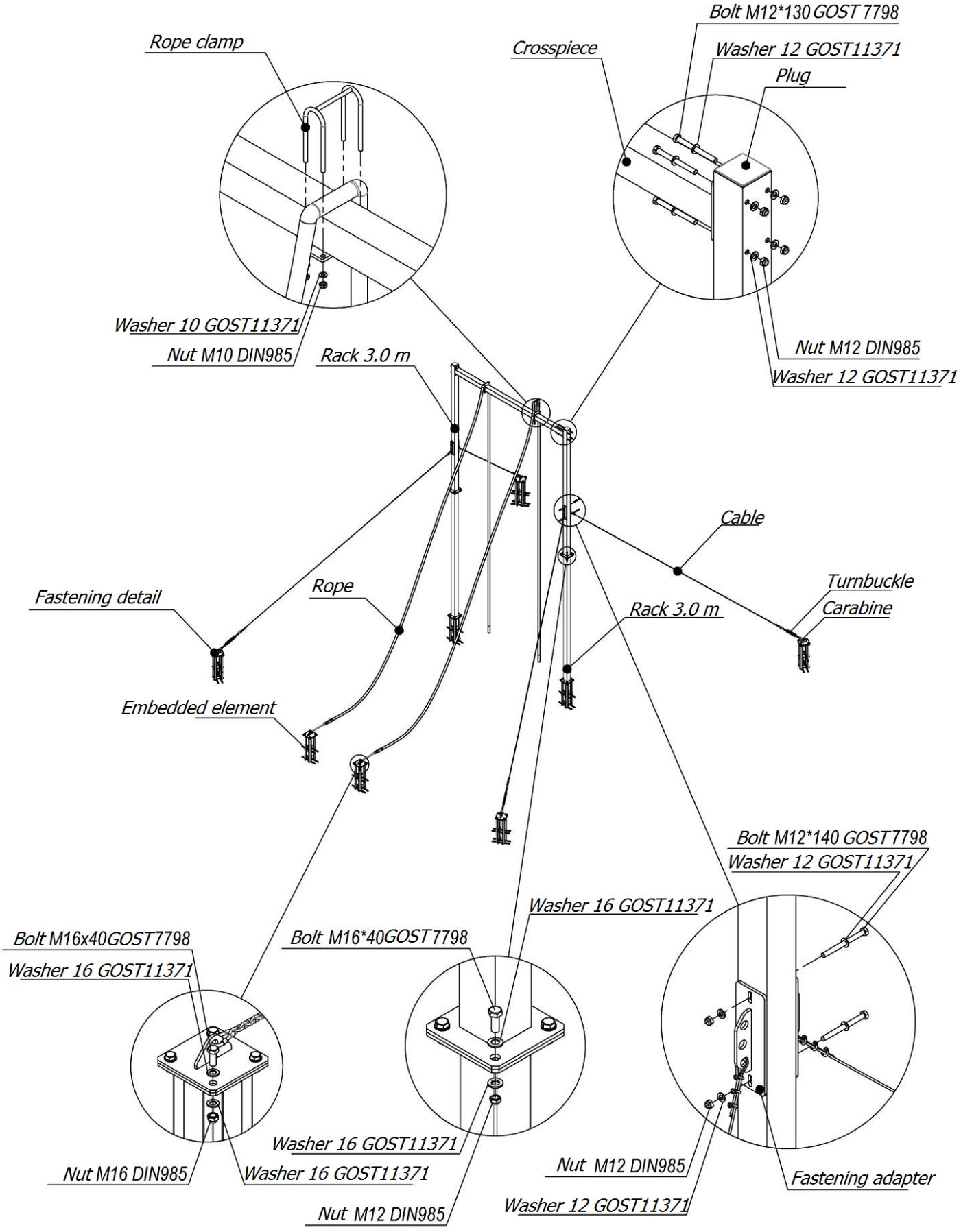


Picture 12 – Assembly scheme of «Rope wall №1»



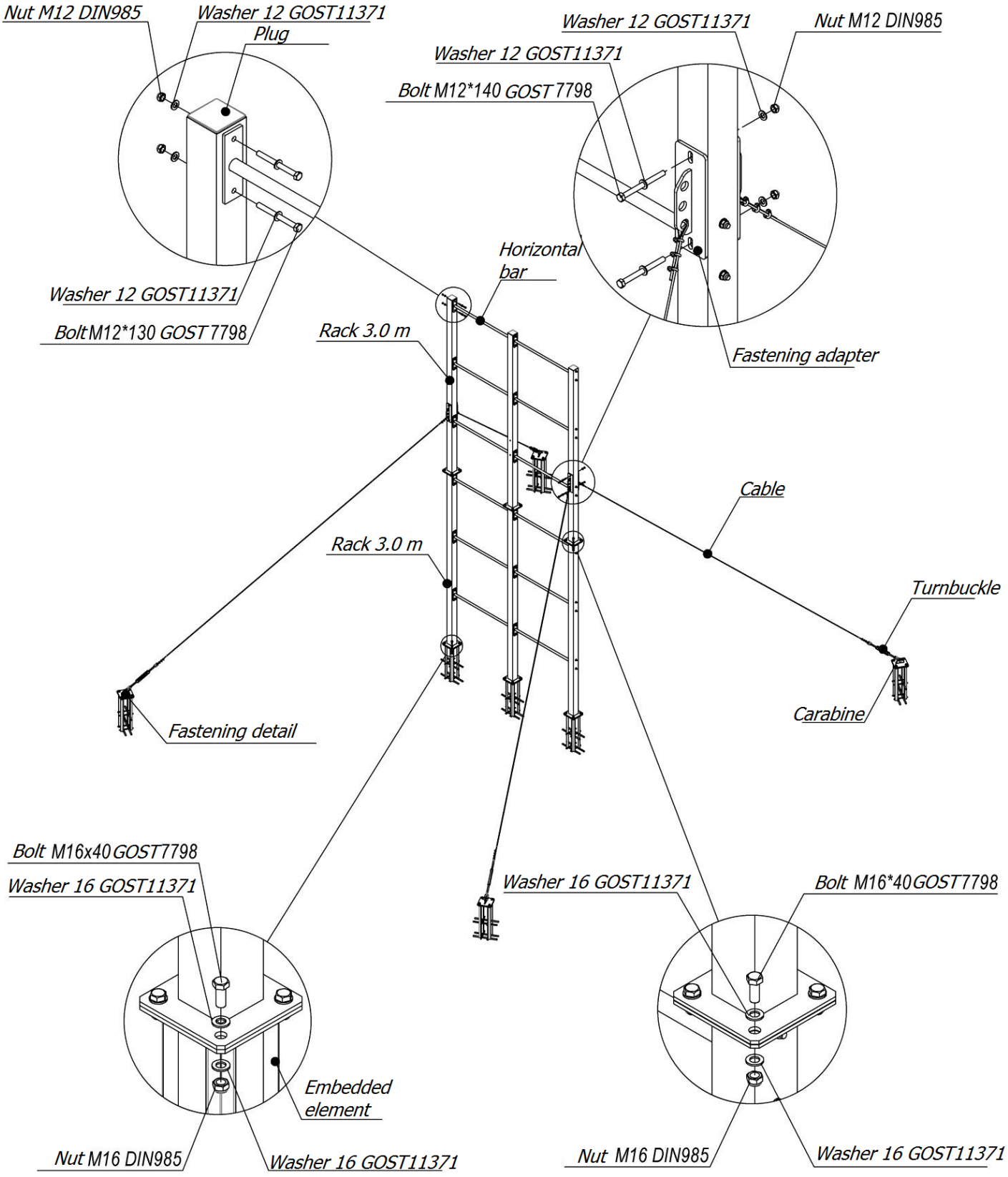
Picture 13 – Assembly scheme of «Rope wall №2»

Rope for ascent and descent KF907.11



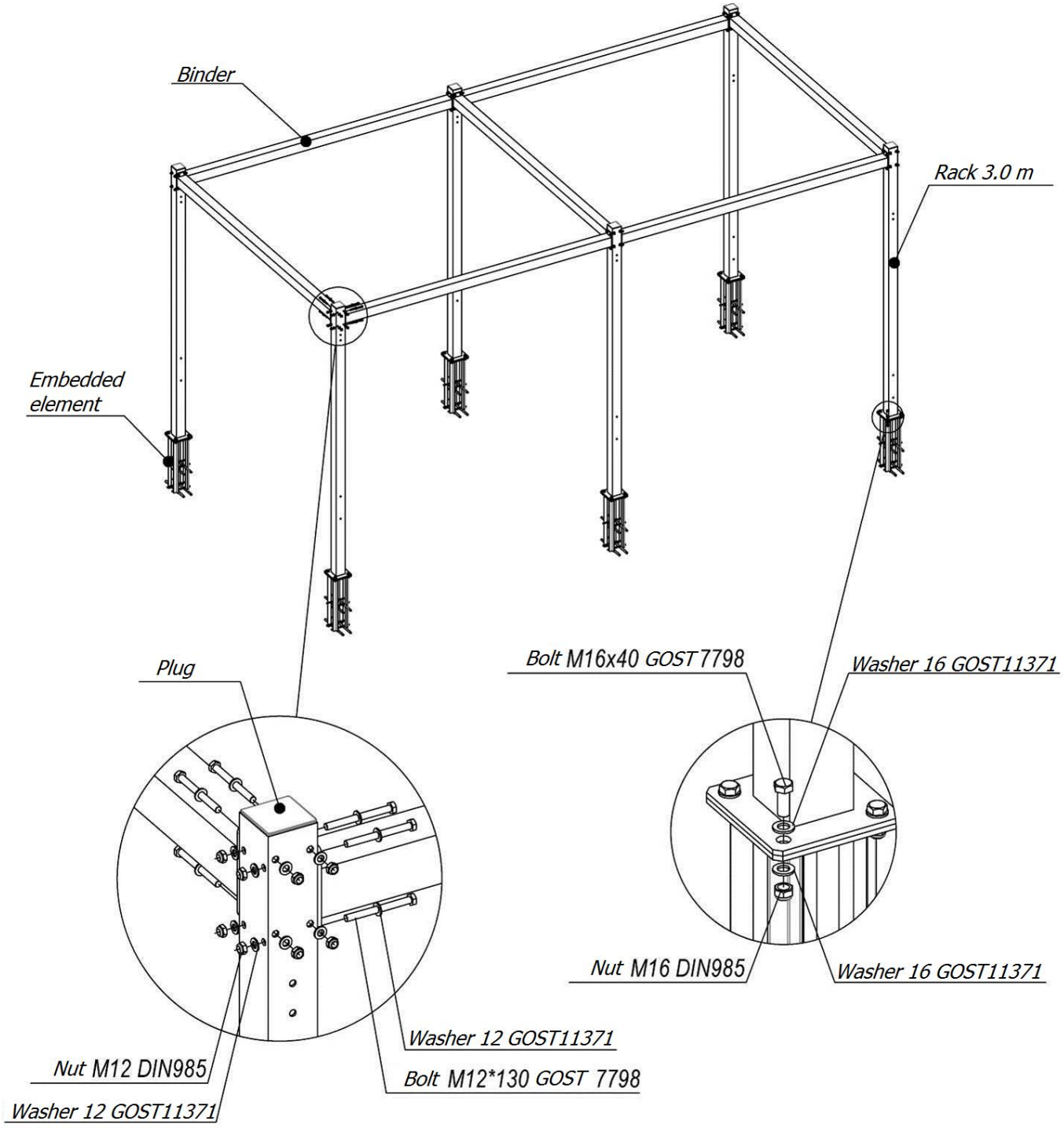
Picture 14 – Assembly scheme of «Rope for ascent and descent»

Ascent and vertical downhill KF907.12

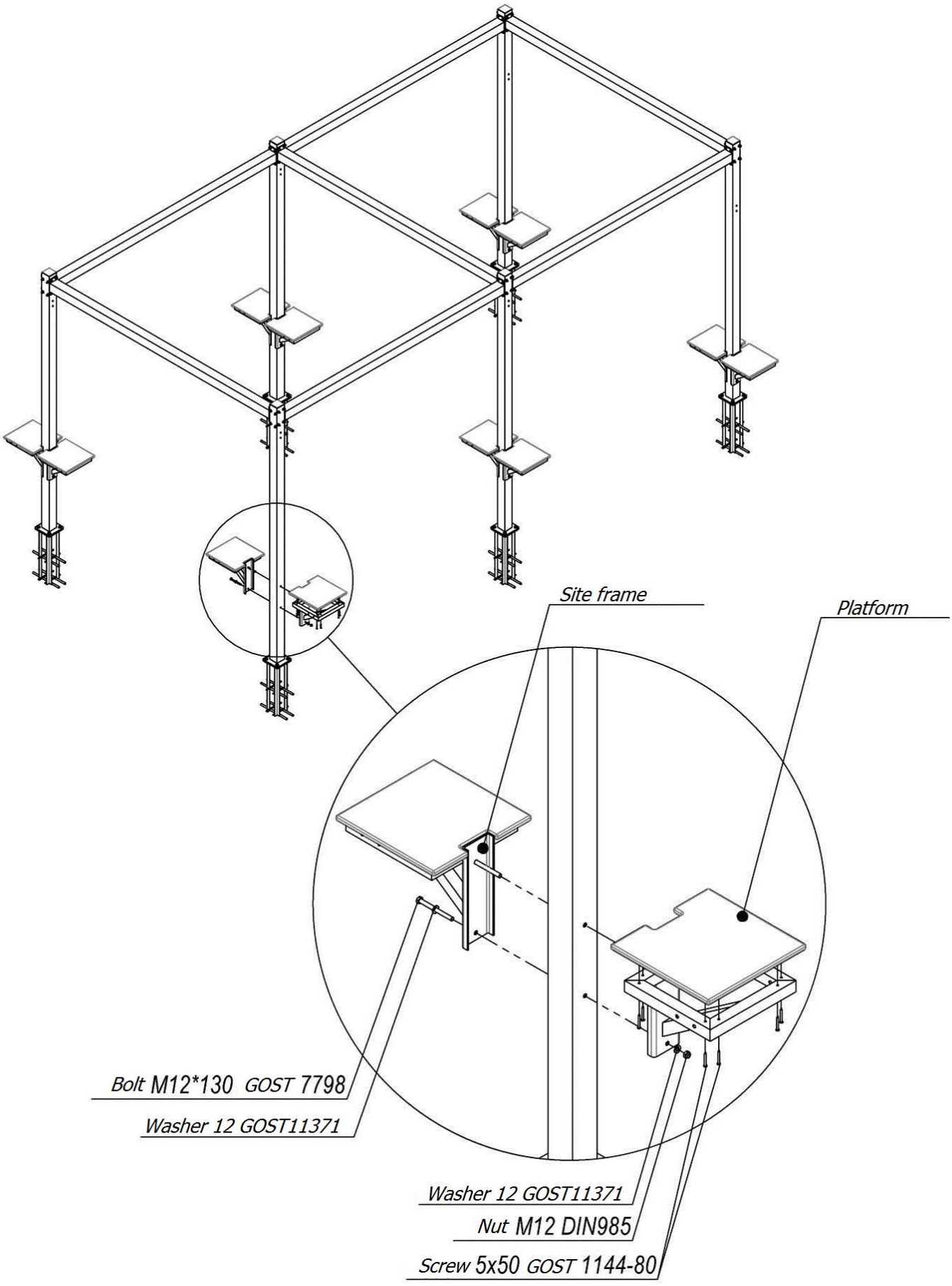


Picture 15 – Assembly scheme of «Ascent and vertical downhill»

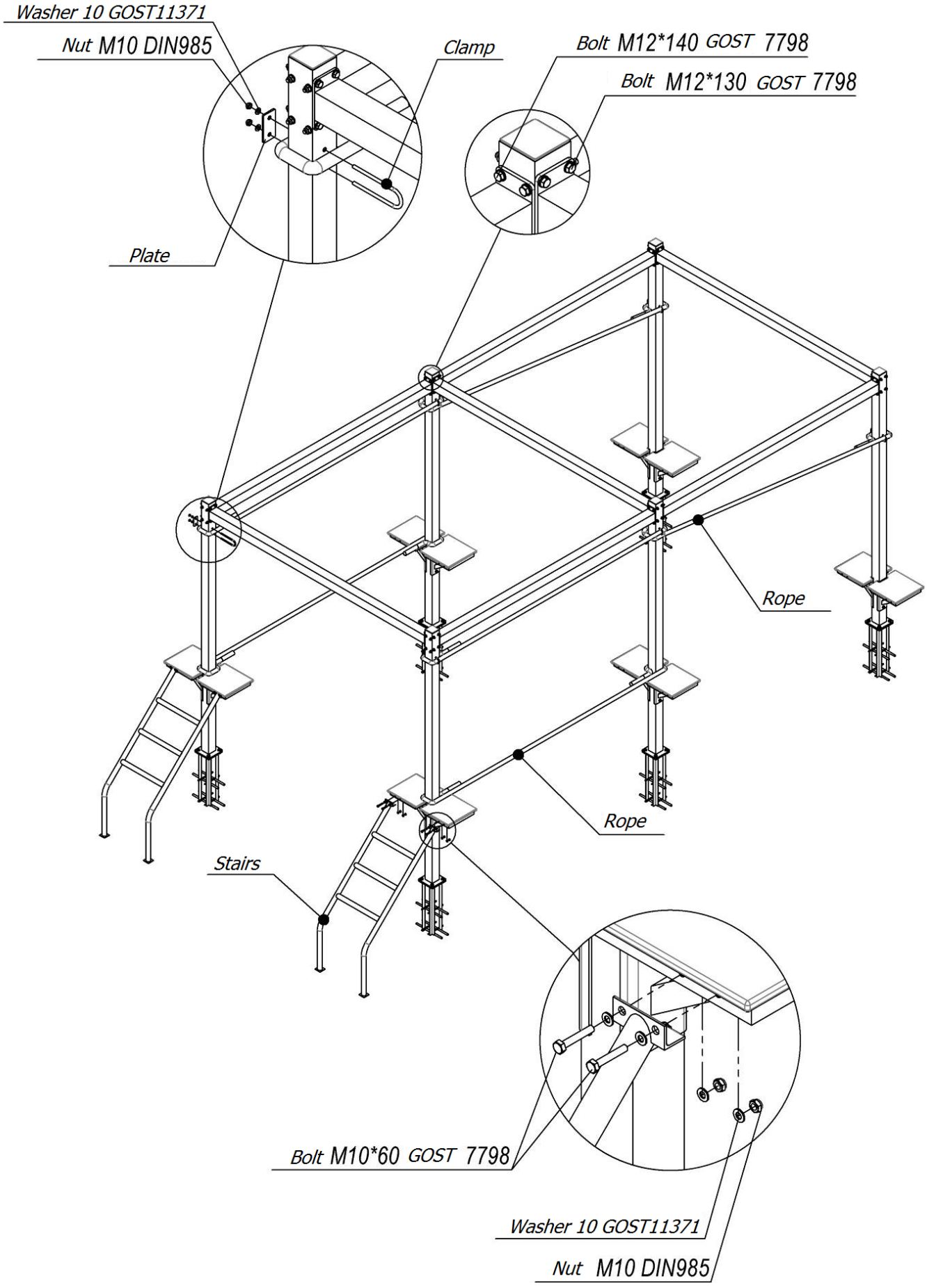
Rope road KF907.13



Picture 16 – Assembly scheme of «Rope road №1»

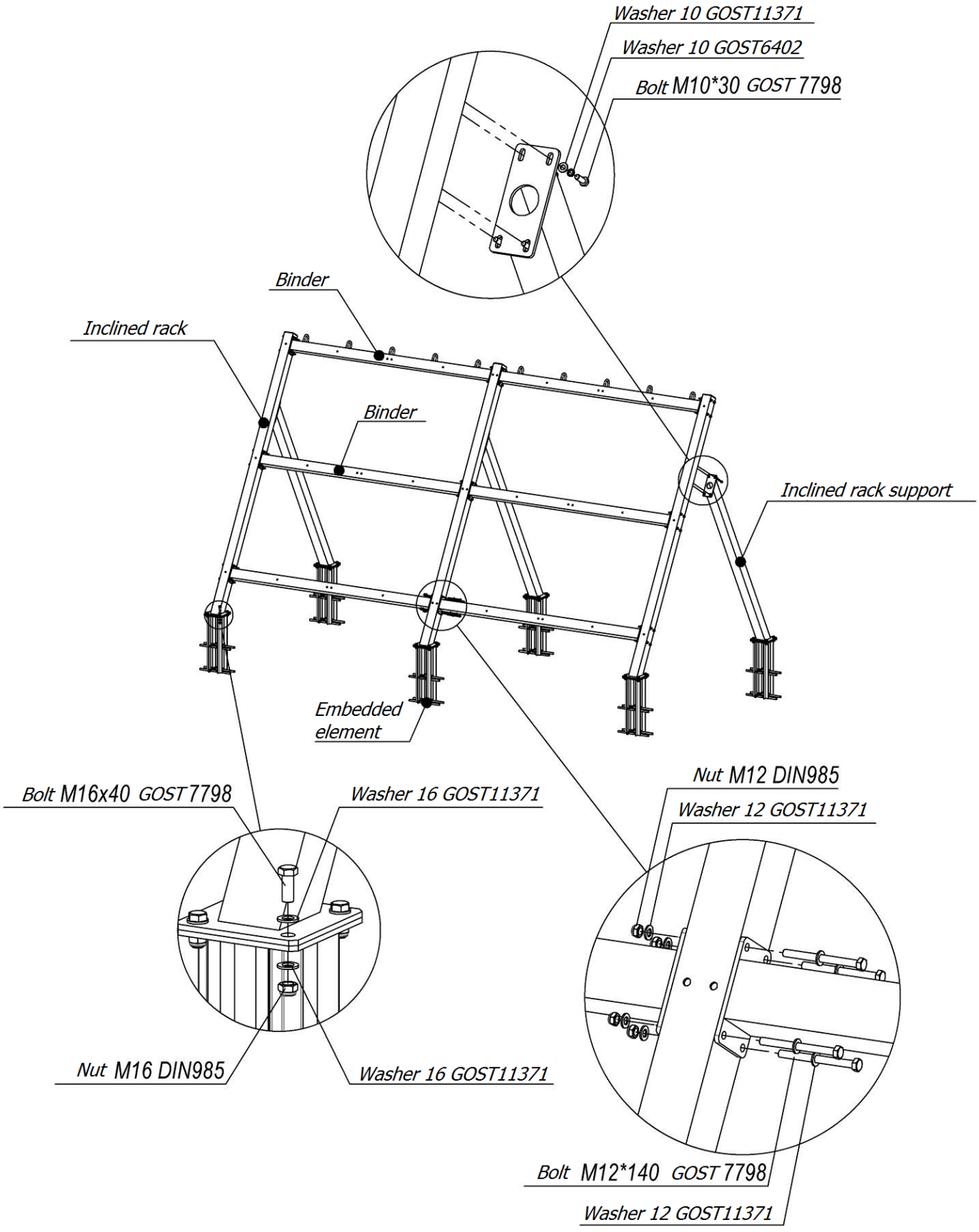


Picture 17 – Assembly scheme of «Rope road №2»

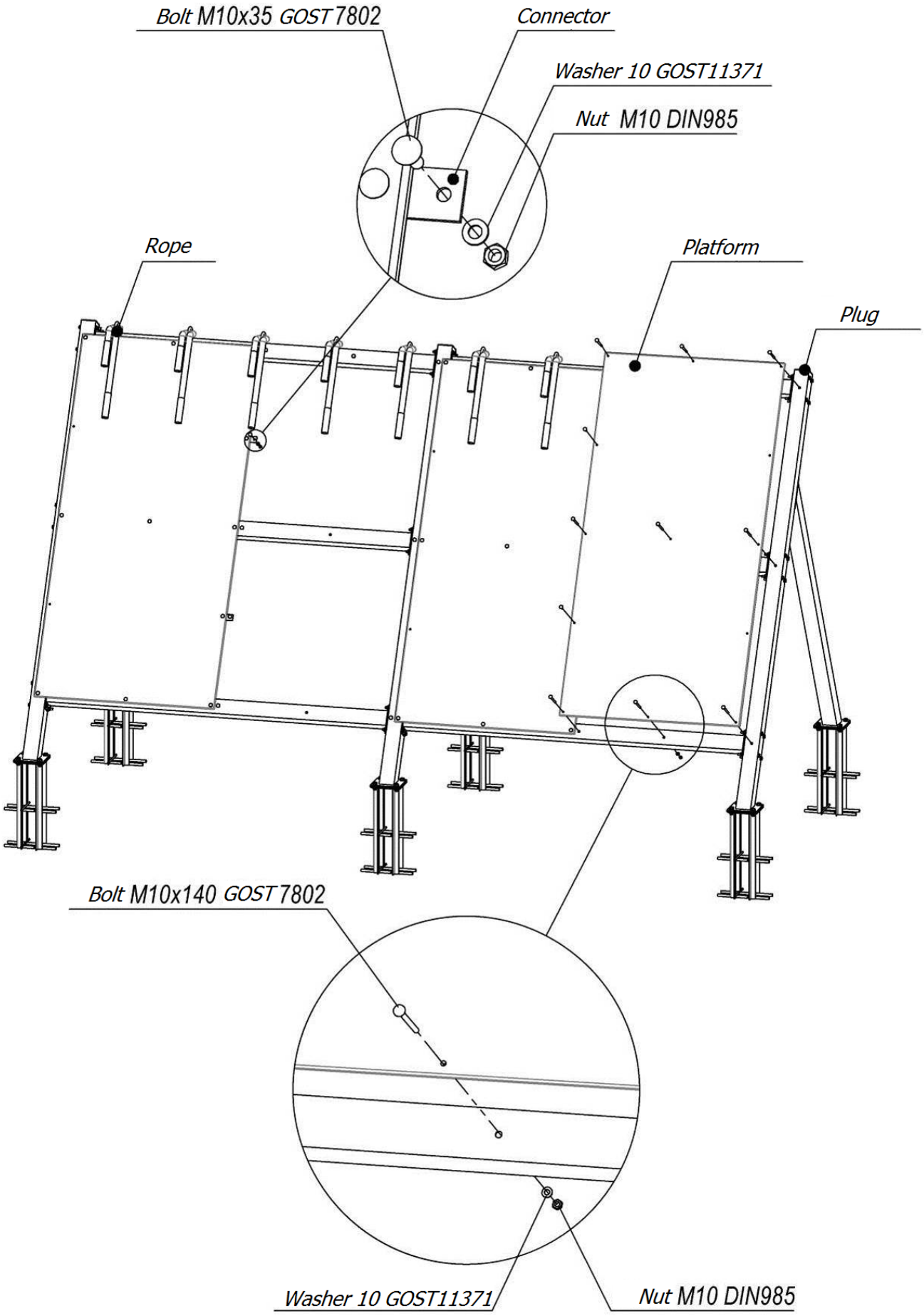


Picture 18 – Assembly scheme of «Rope road №3»

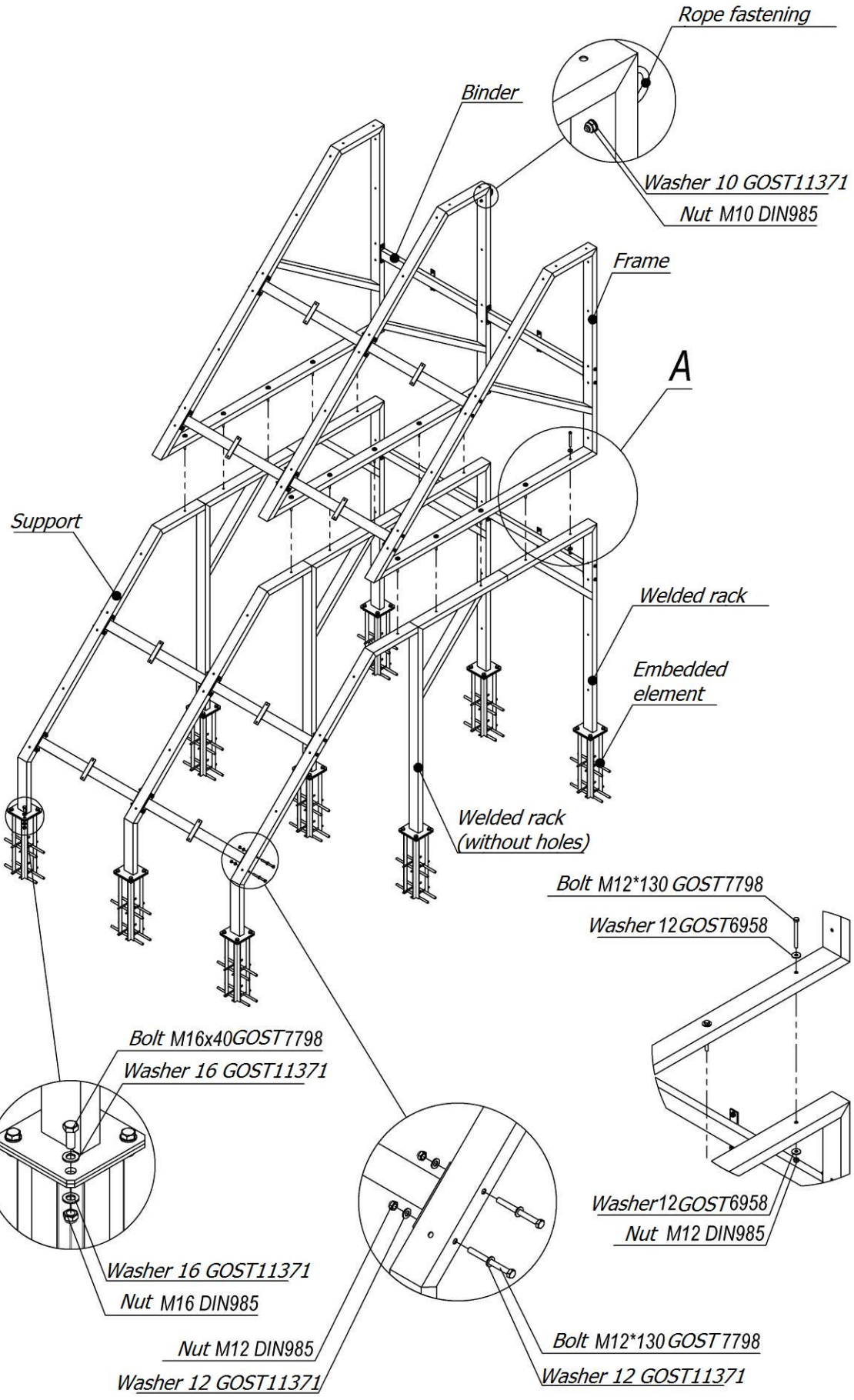
Angled rock KF907.14



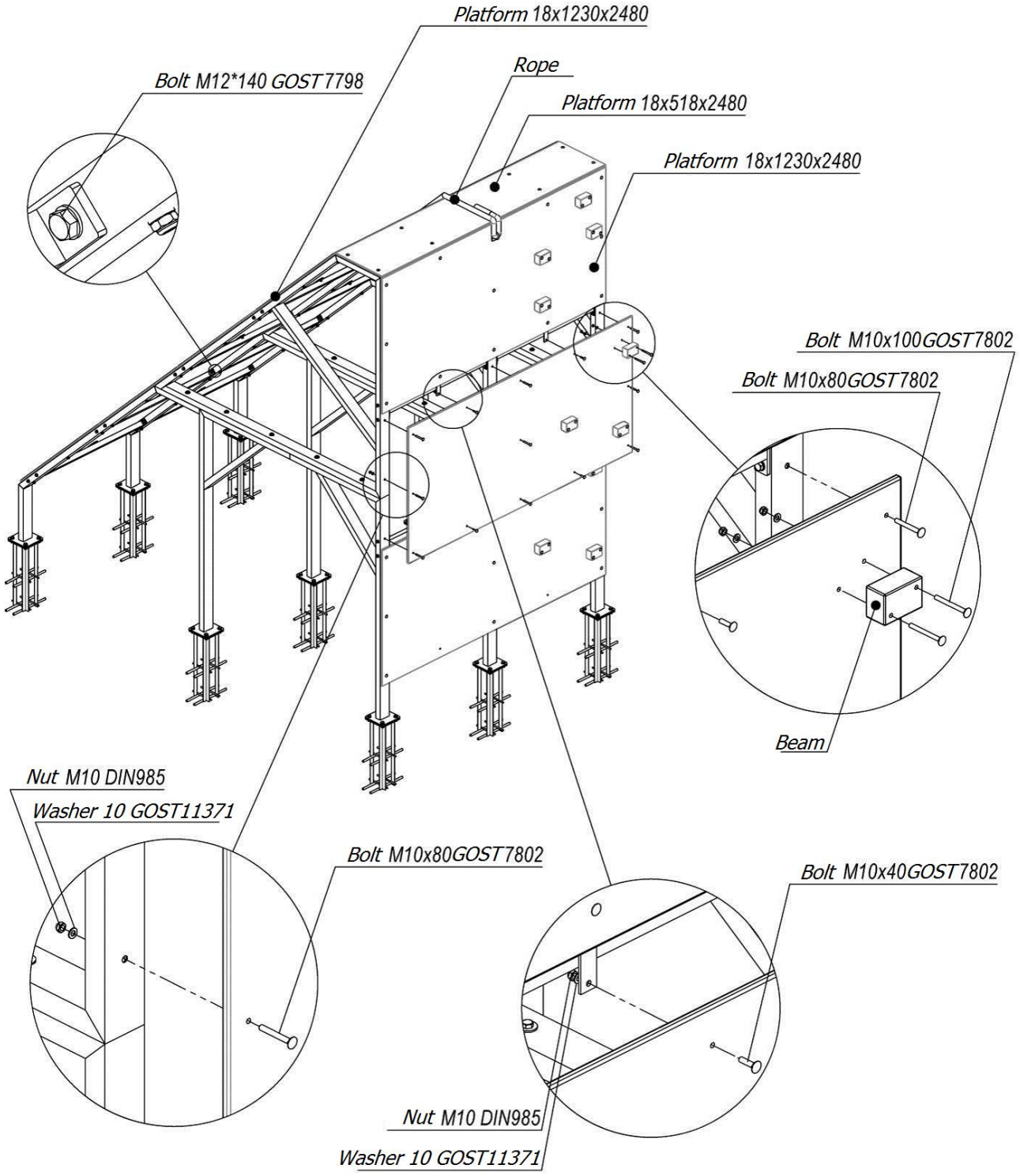
Picture 19 – Assembly scheme of «Angled rock №1»



Picture 20 – Assembly scheme of «Angled rock №2»

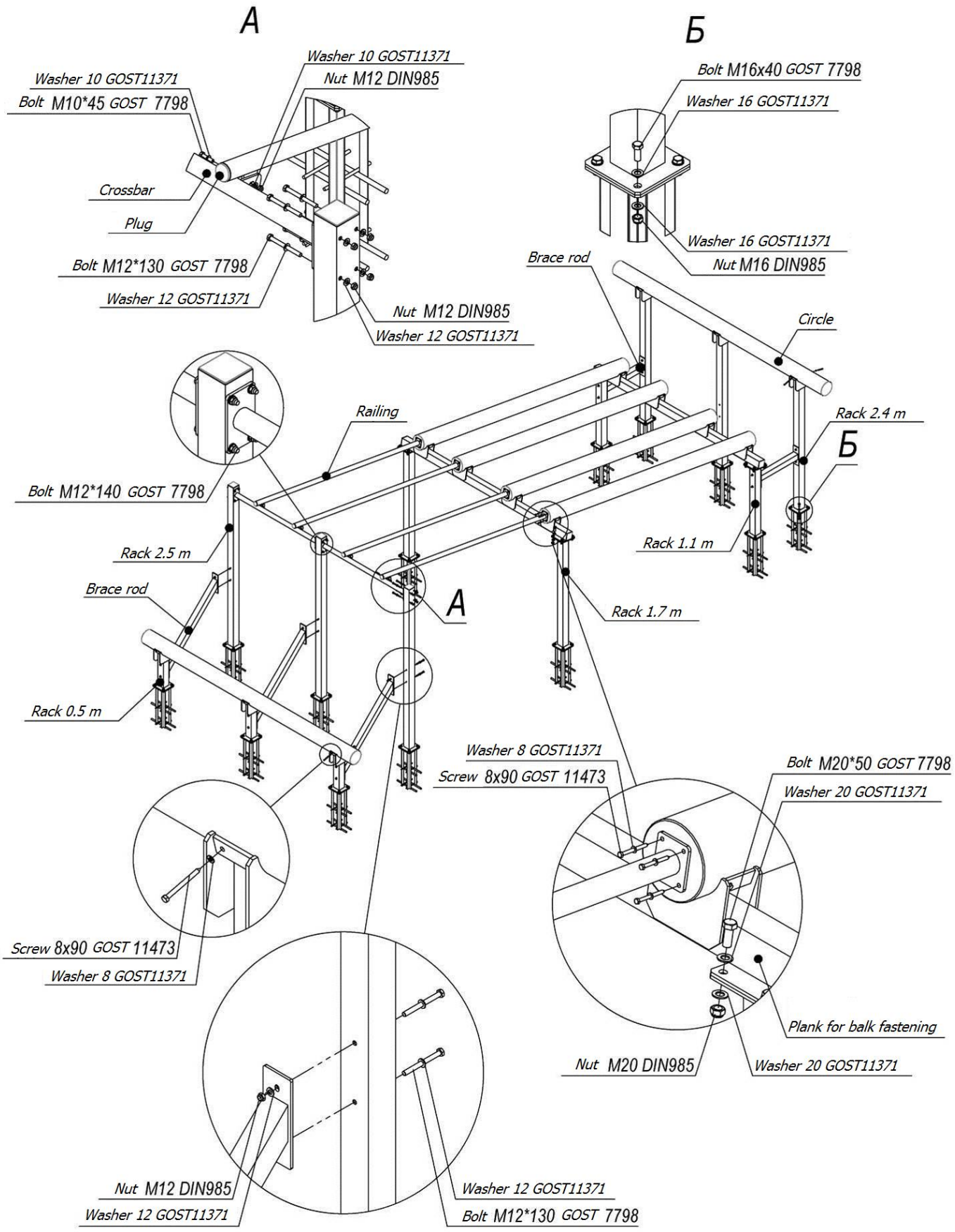


Picture 21 – Assembly scheme of «Uphill №1»



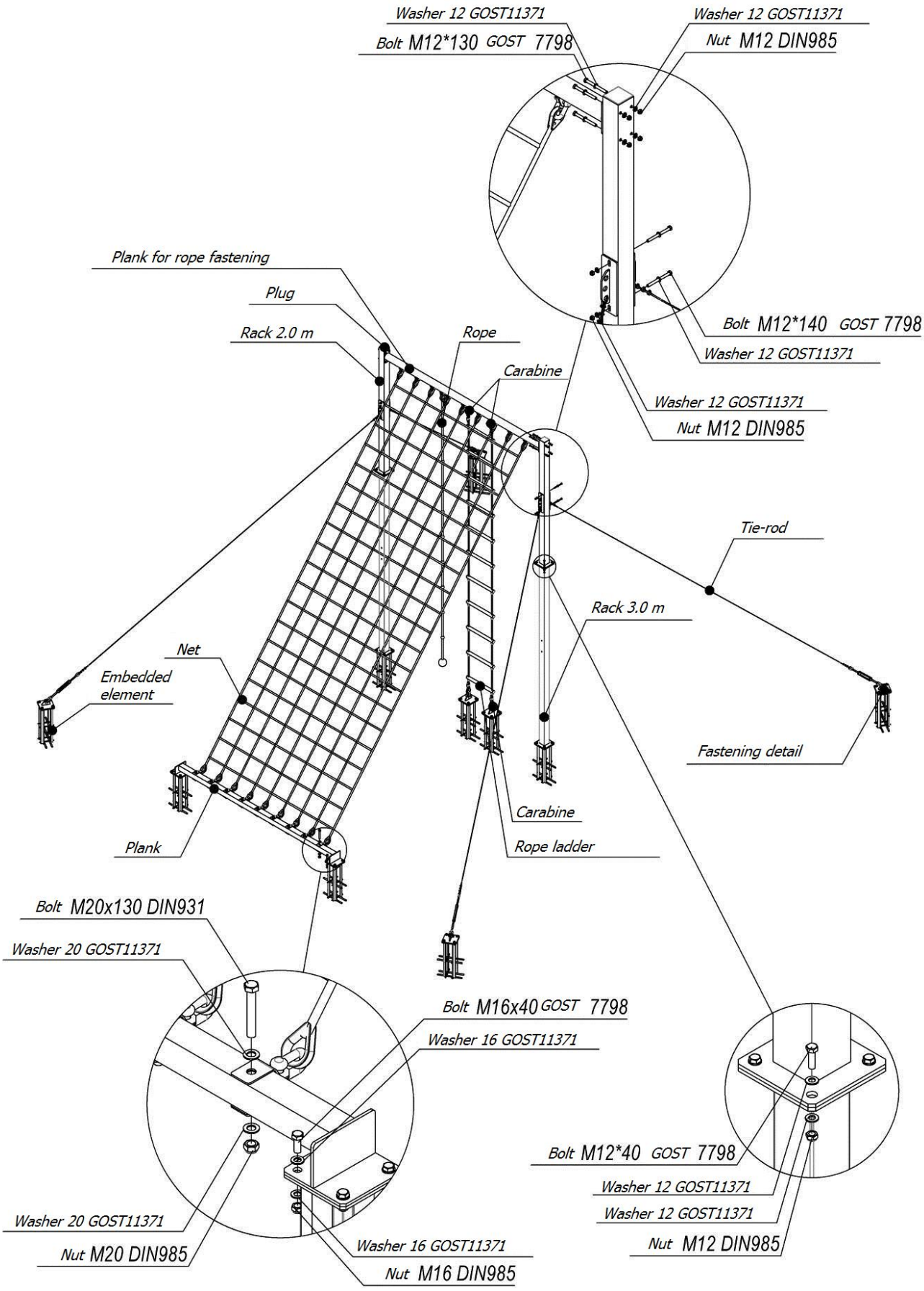
Picture 22 – Assembly scheme of «Uphill №2»

Ladders KF907.16



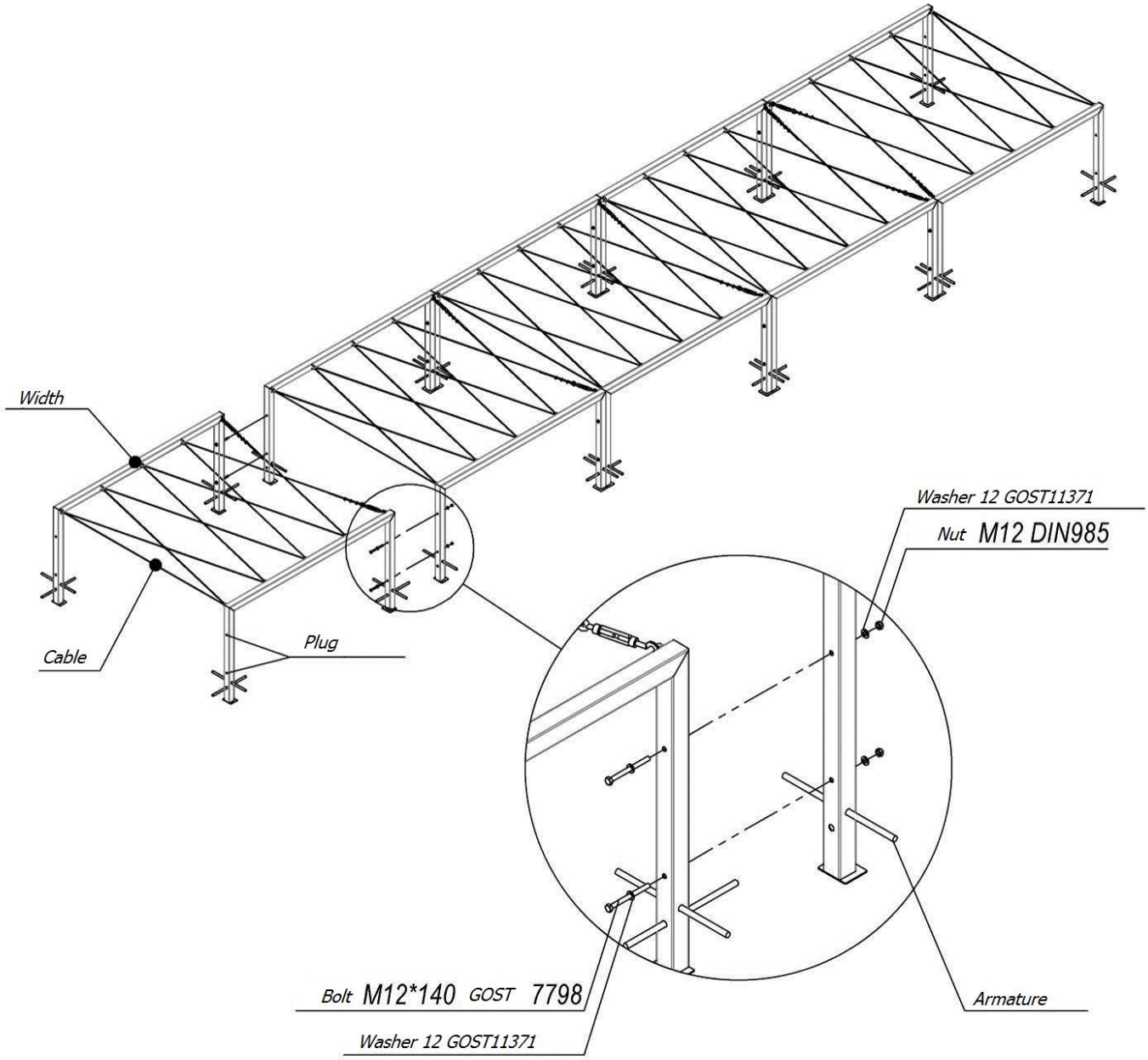
Picture 23 – Assembly scheme of «Ladders»

Rope ladder with net KF907.17



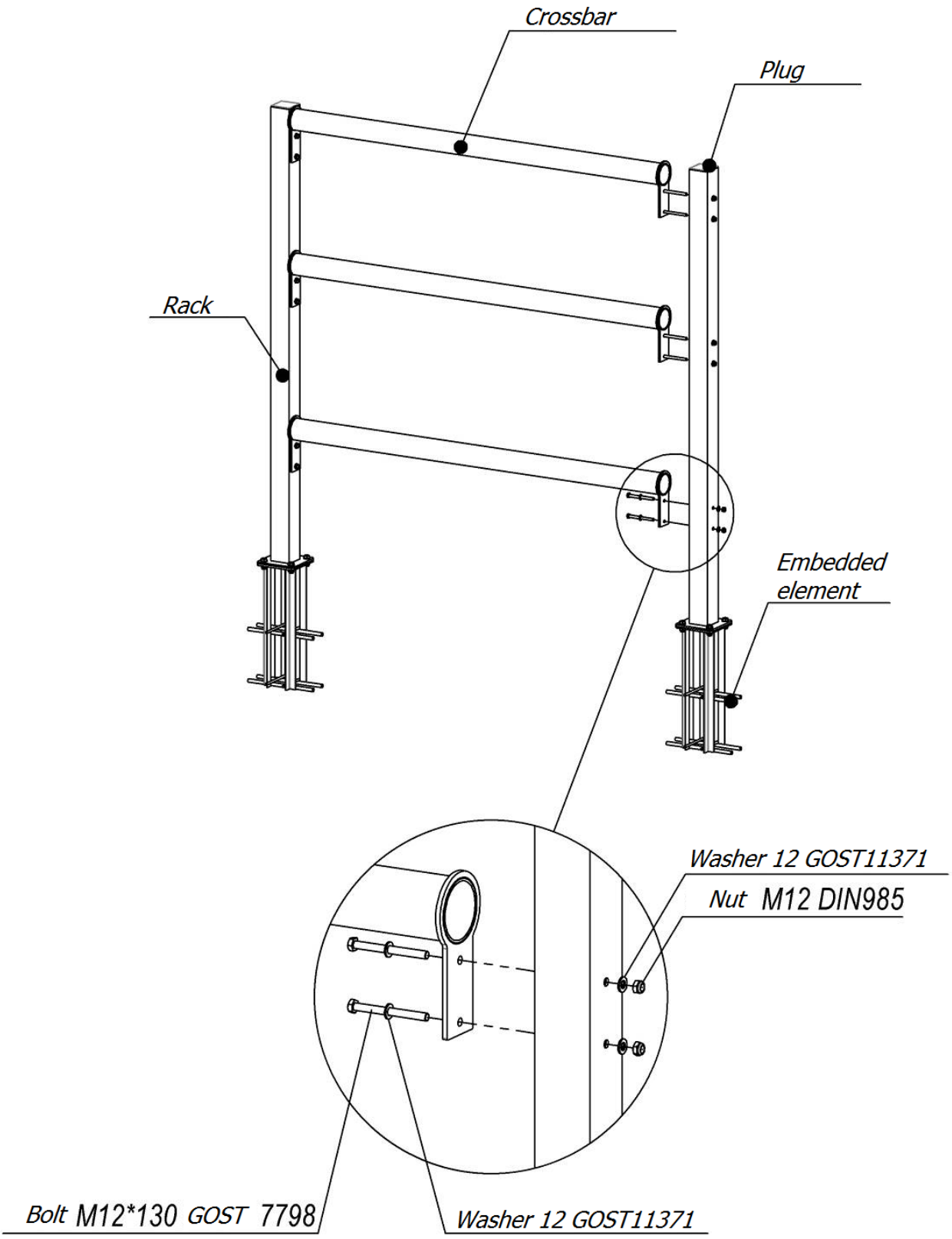
Picture 24 – Assembly scheme of «Rope ladder with net»

Horizontal net KF907.18



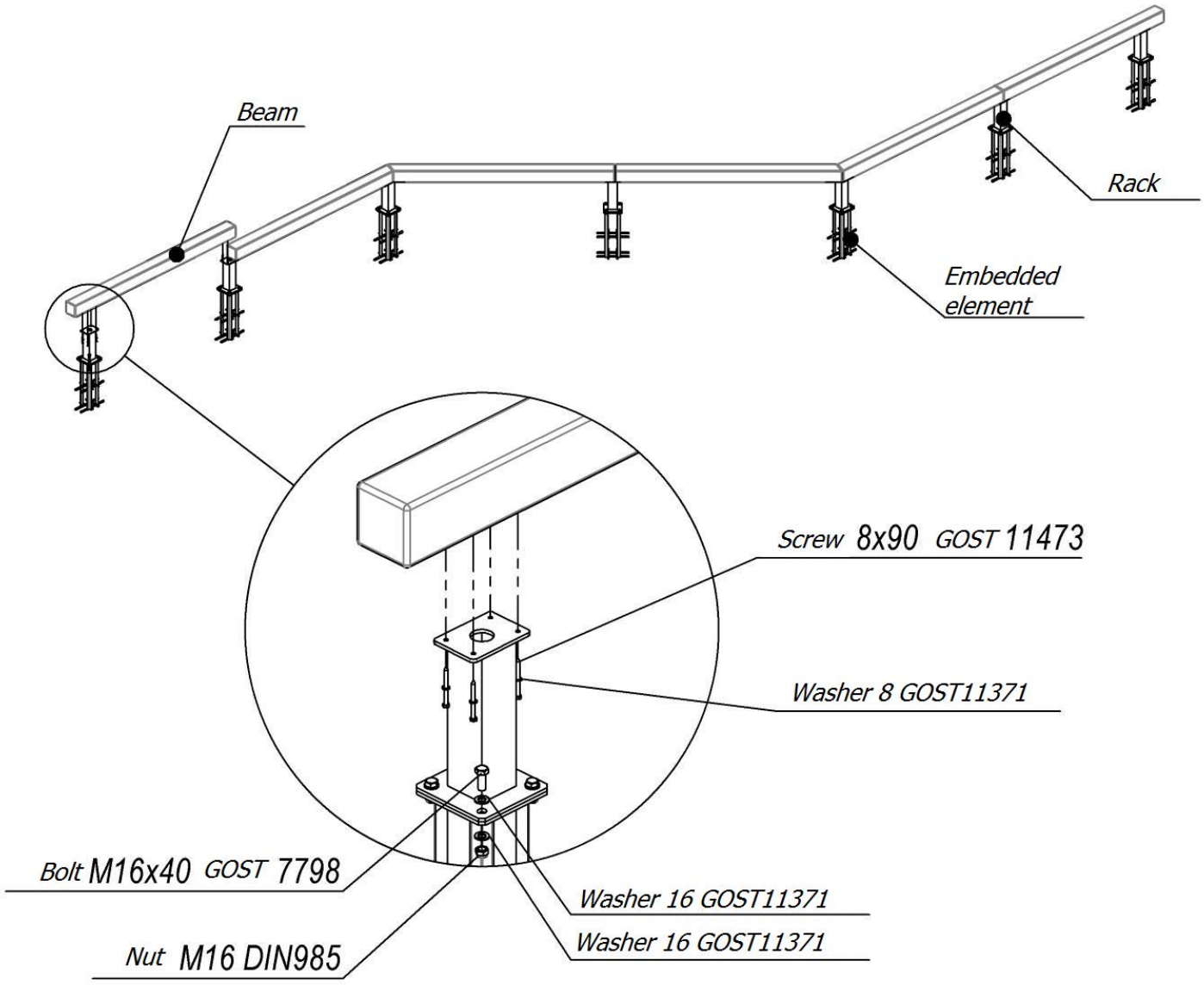
Picture 25 – Assembly scheme of «Horizontal net»

Ladder barrier KF907.20



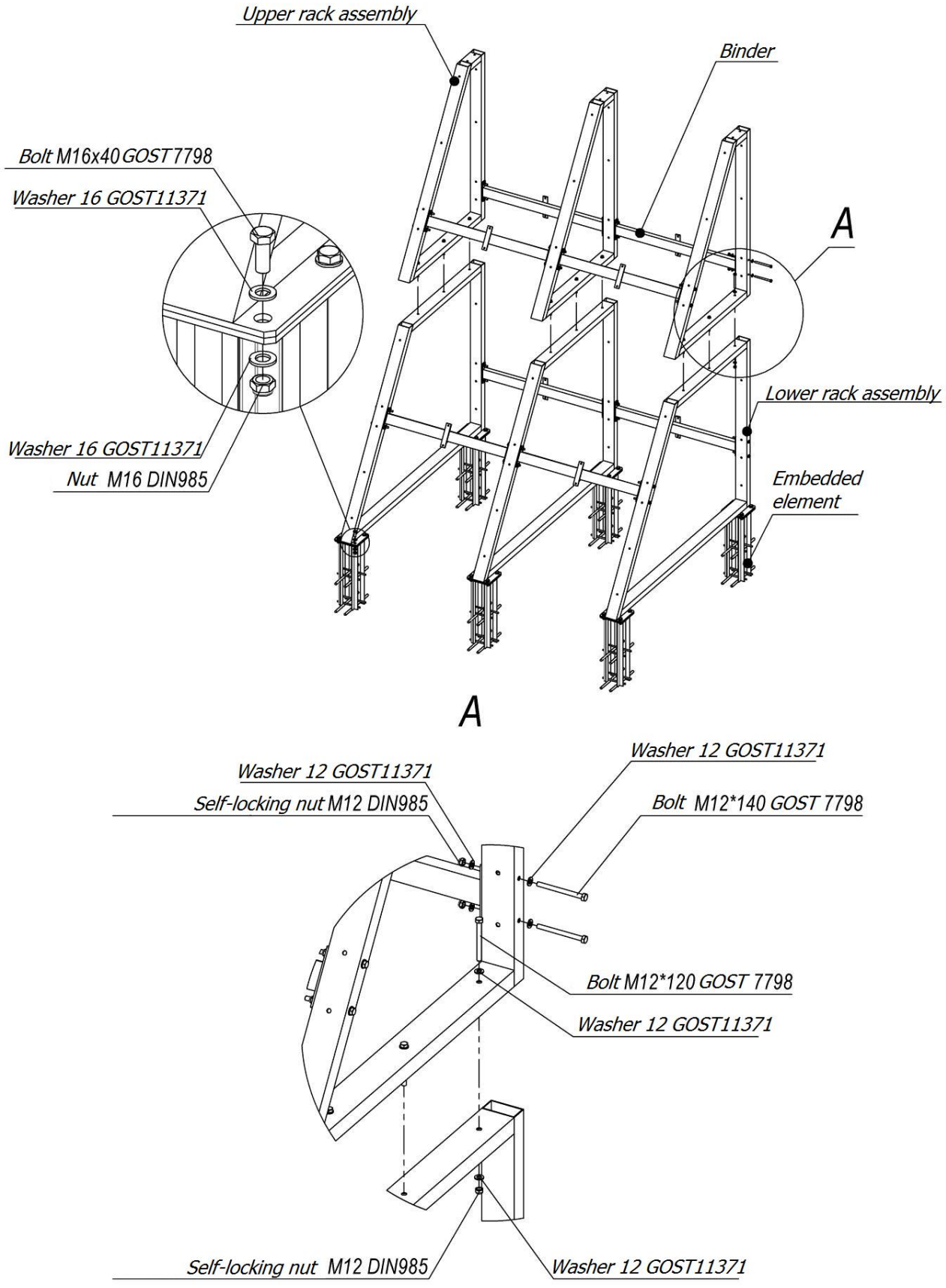
Picture 26 – Assembly scheme of «Ladder barrier»

Balancer beam KF907.21

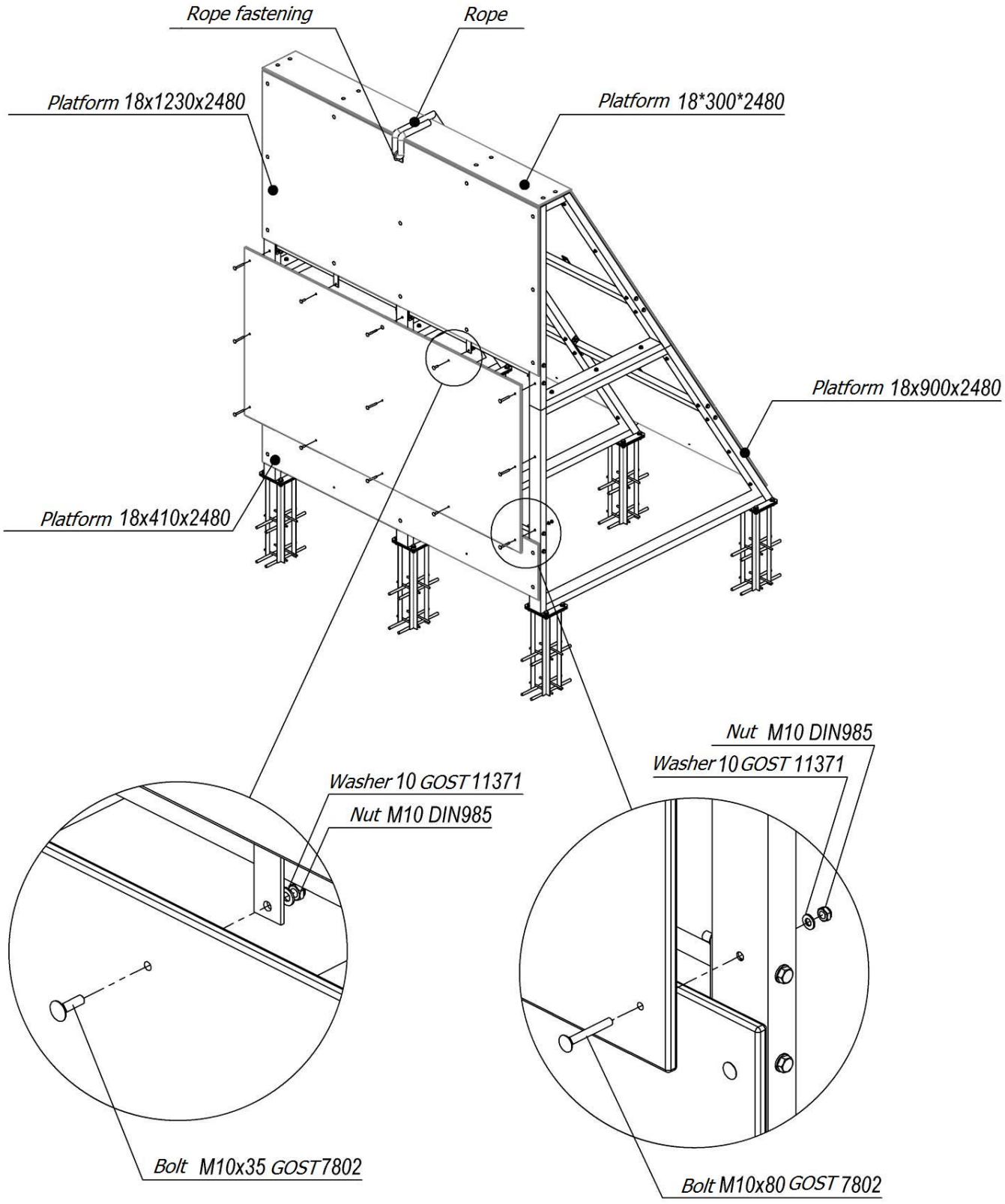


Picture 27 – Assembly scheme of «Balancer beam»

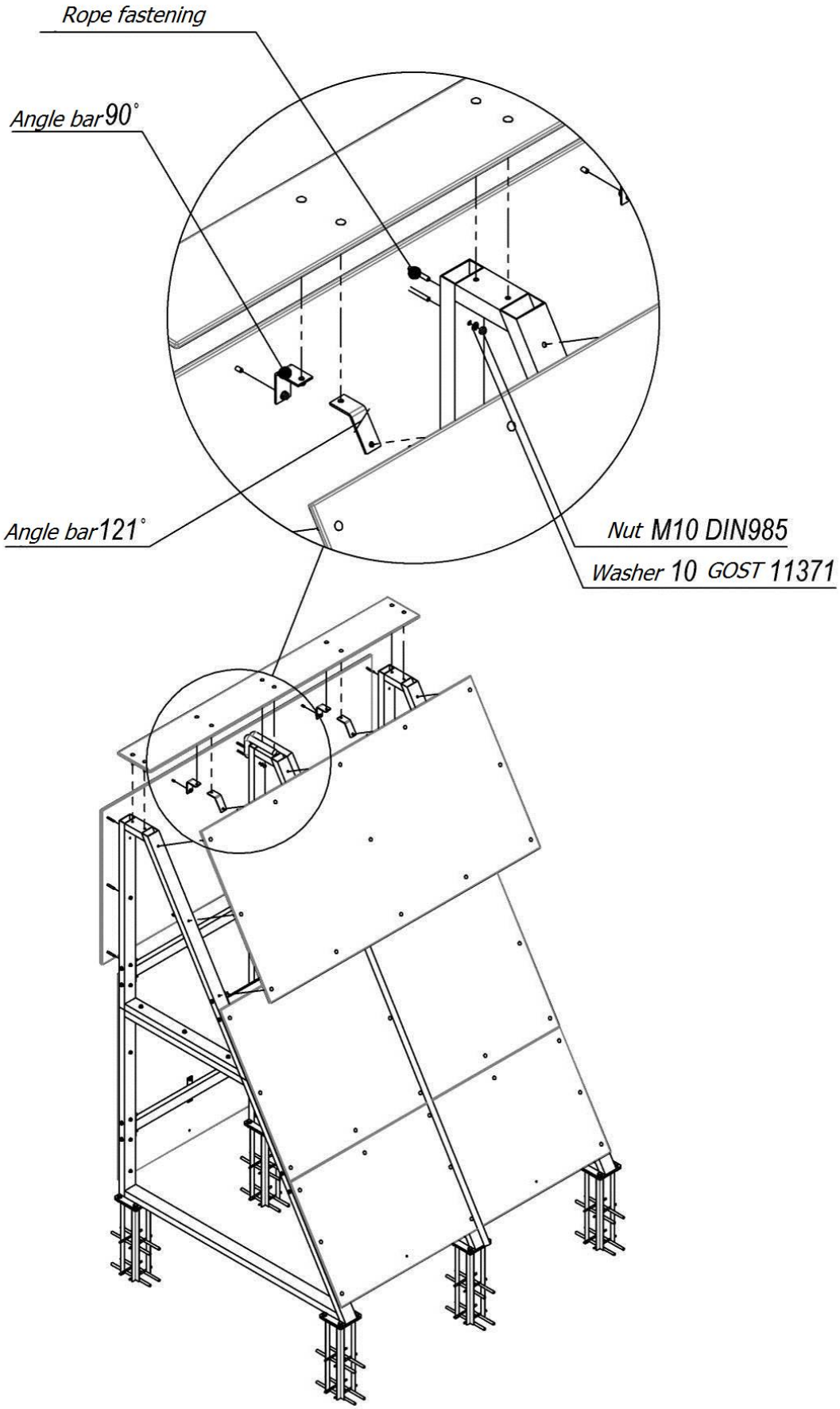
Angled wall with rope KF907.22



Picture 28 – Assembly scheme of «Angled wall with rope №1»

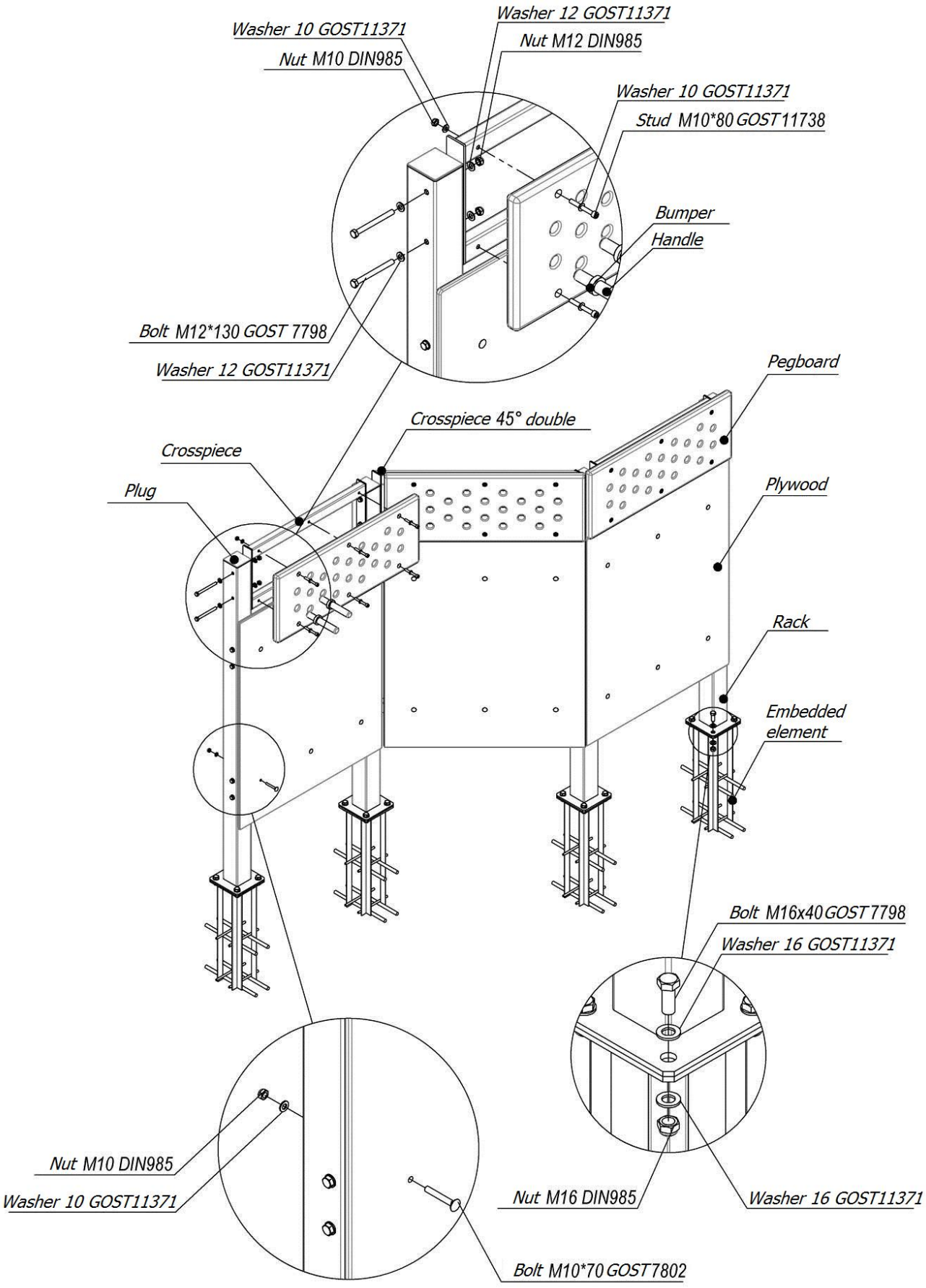


Picture 29 – Assembly scheme of «Angled wall with rope №2»



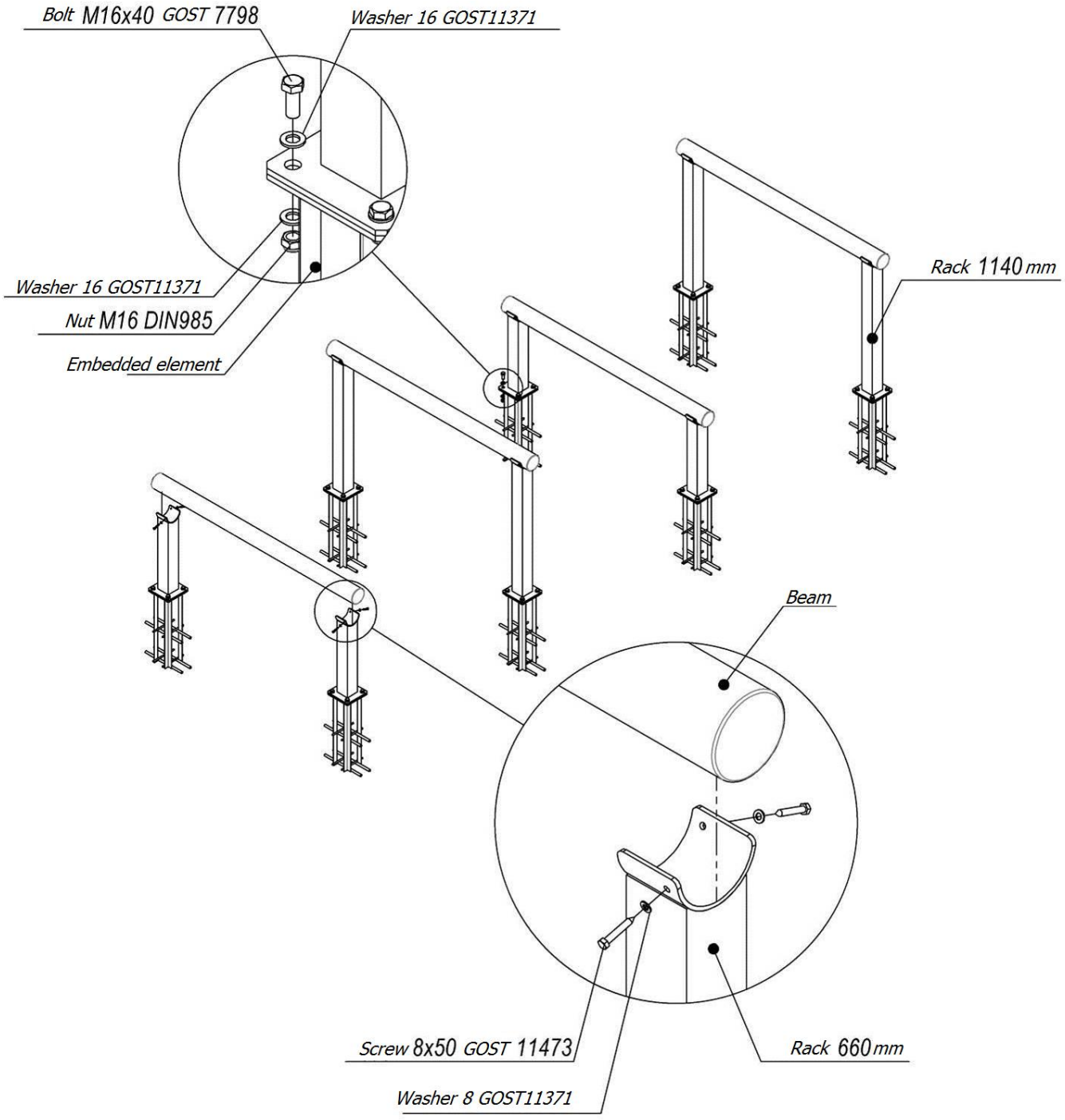
Picture 30 – Assembly scheme of «Angled wall with rope №3»

Pegboard KF907.23



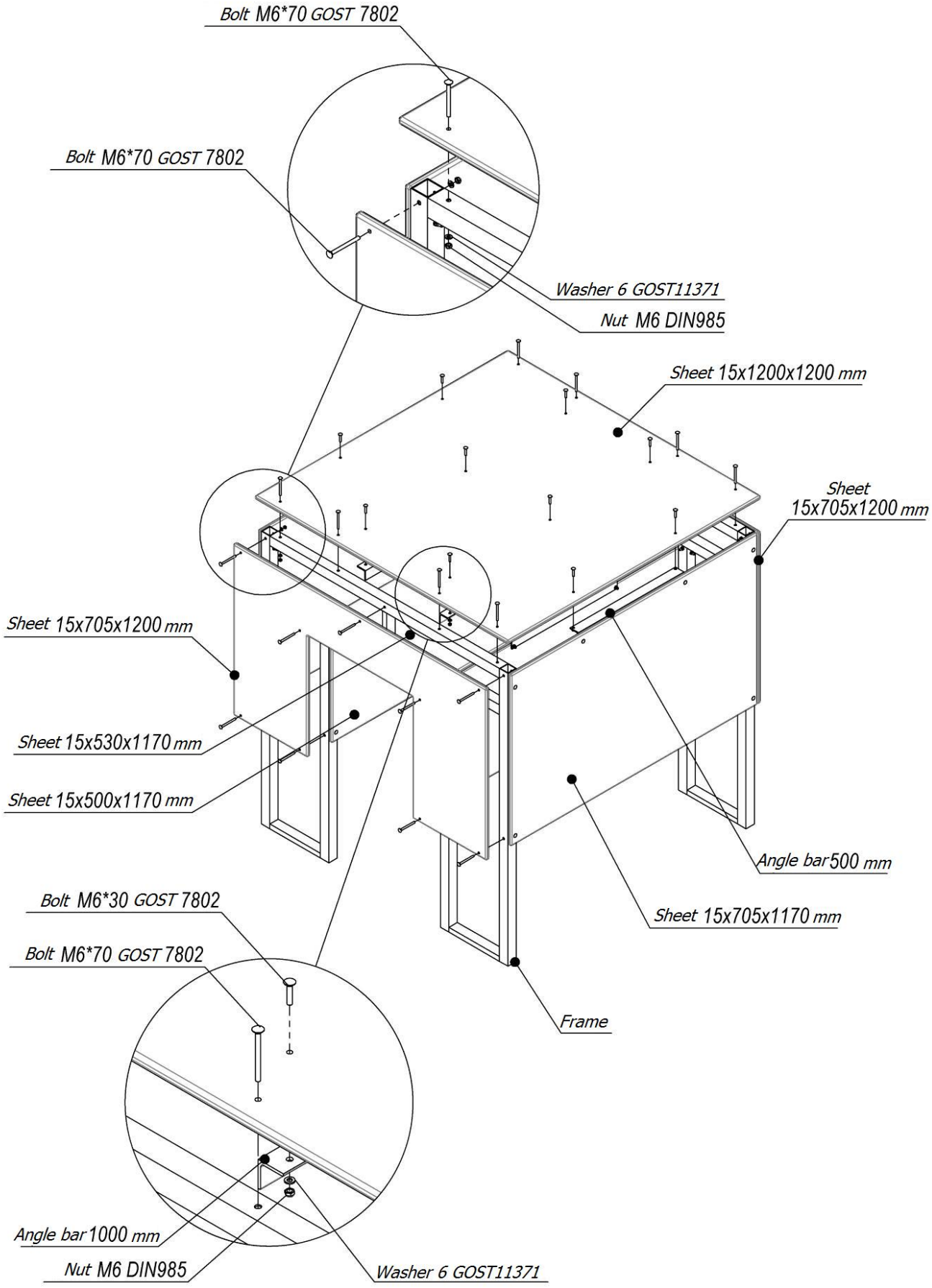
Picture 31 – Assembly scheme of «Pegboard»

Horizontal beams KF907.24



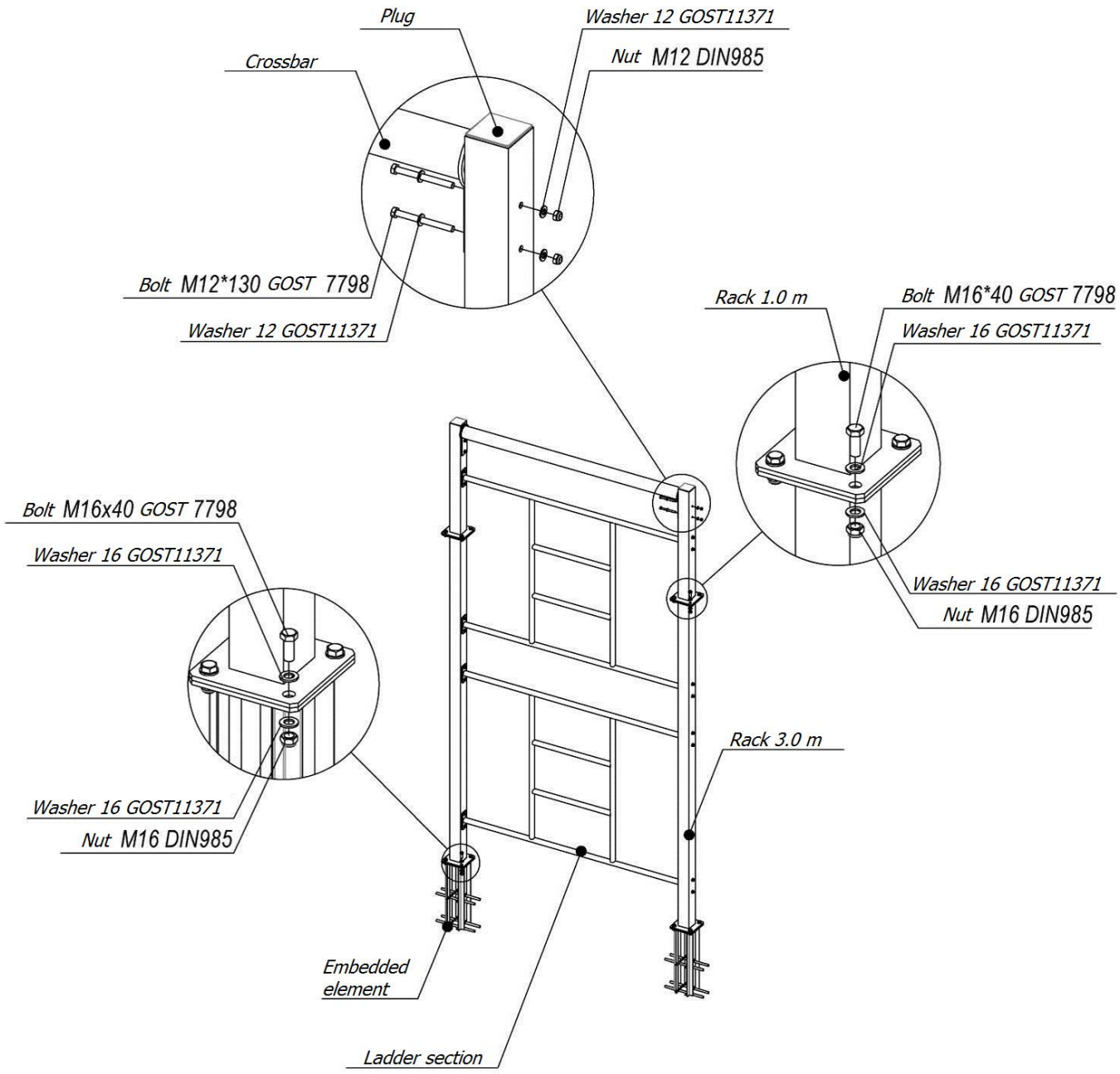
Picture 32 – Assembly scheme of «Horizontal beams»

Tunnel KF907.25



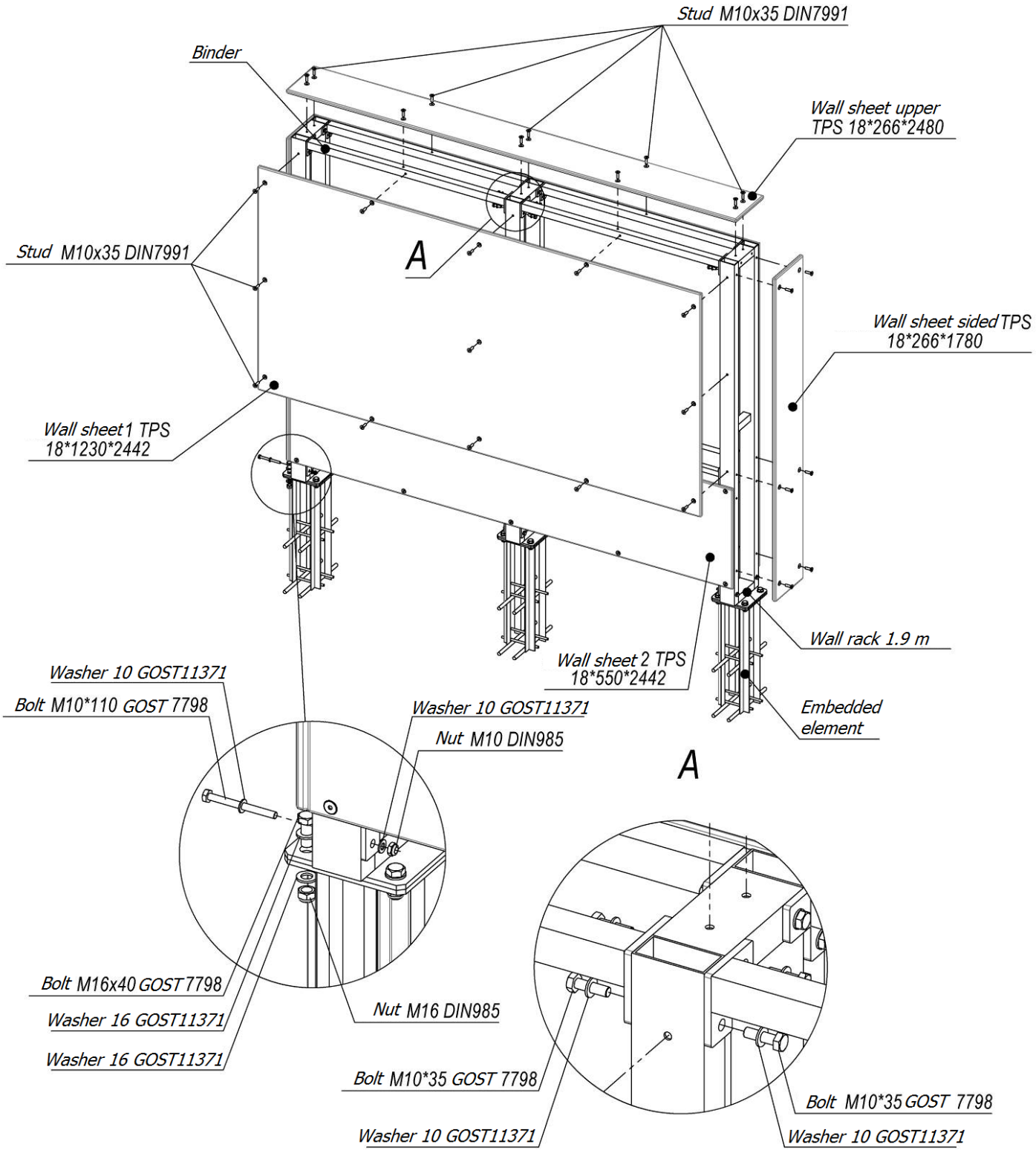
Picture 33 – Assembly scheme of «Tunnel»

Vertical ladder KF907.26



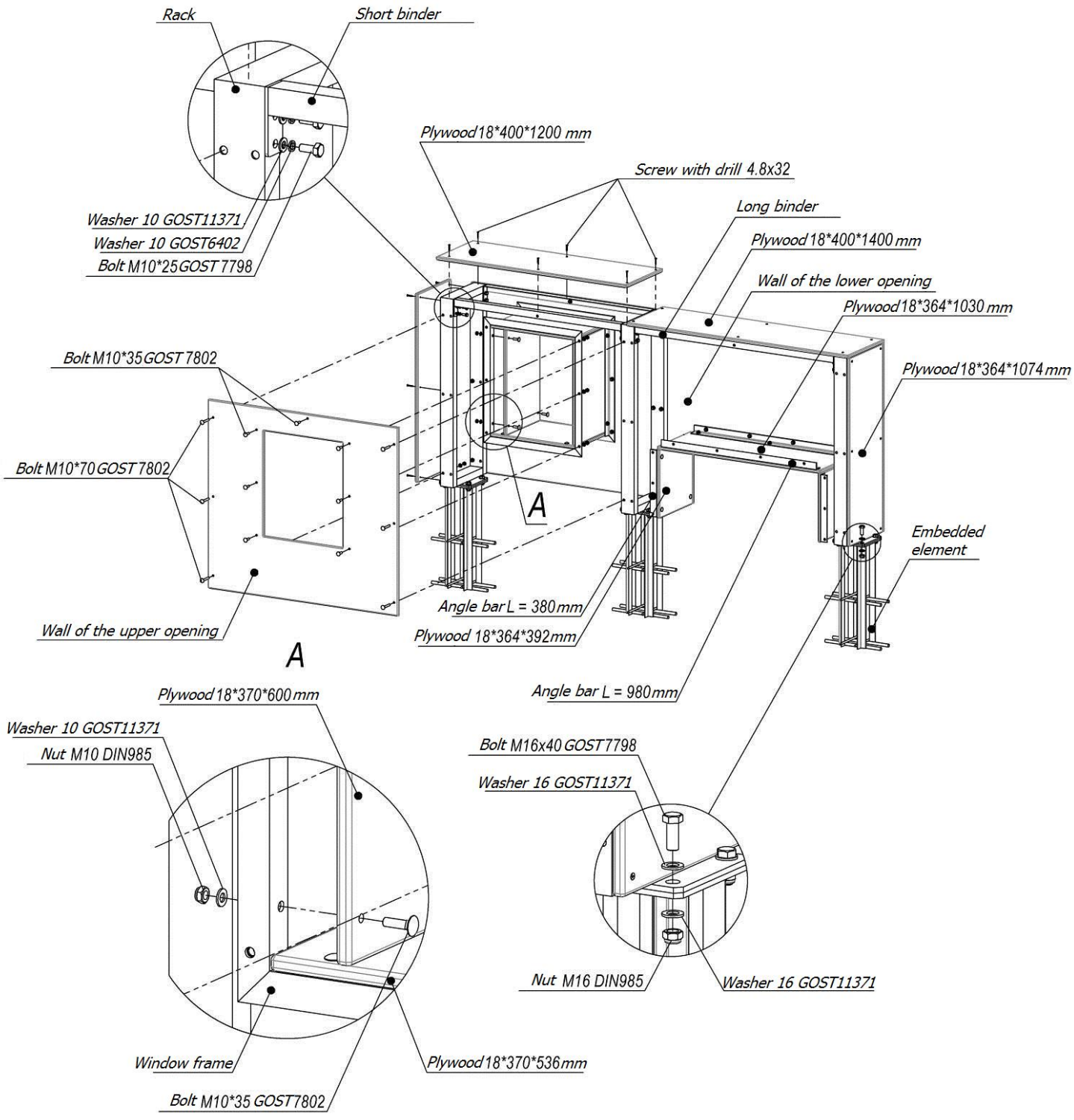
Picture 34 – Assembly scheme of «Vertical ladder»

Jumping wall KF907.27



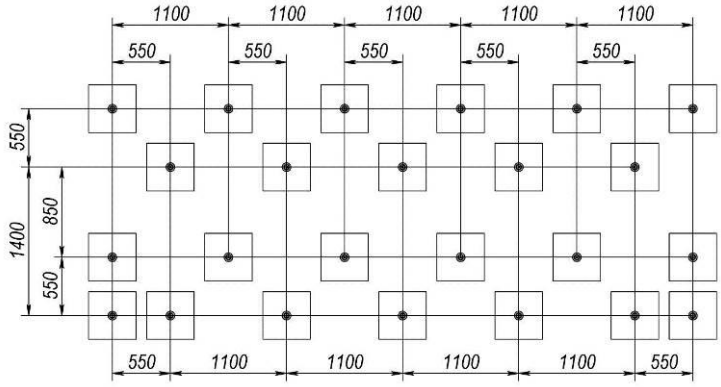
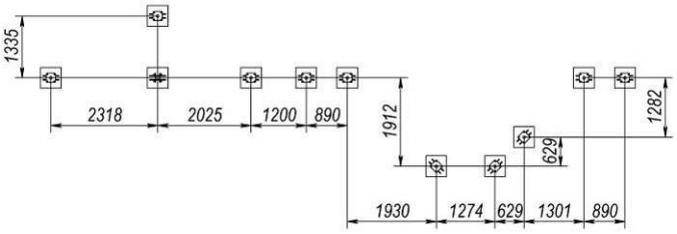
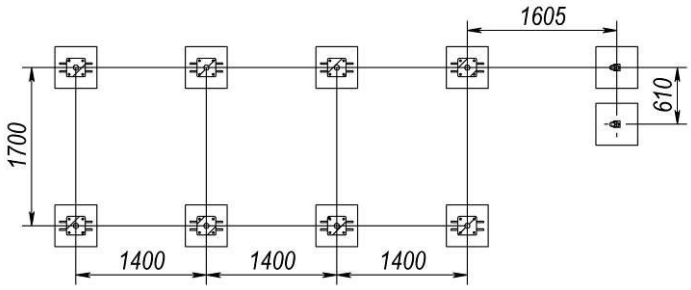
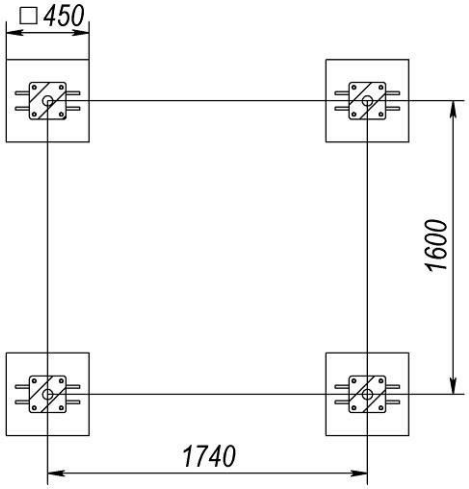
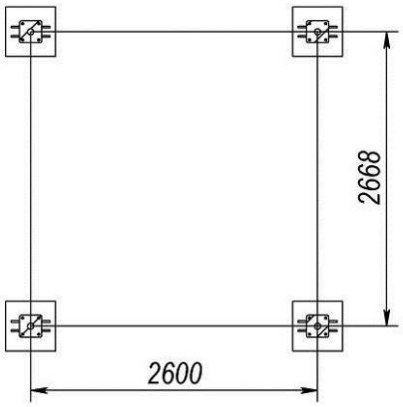
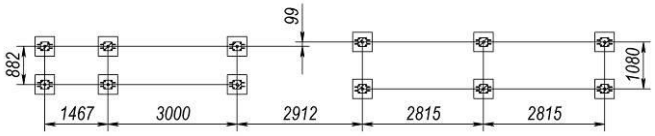
Picture 35 – Assembly scheme of «Jumping wall»

Wall with window KF907.28

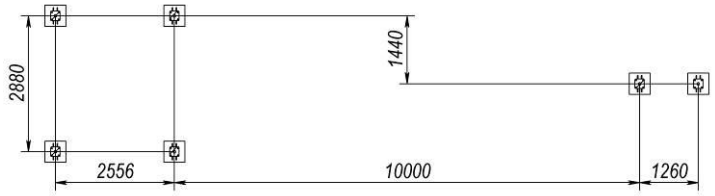


Picture 36 – Assembly scheme of «Wall with window»

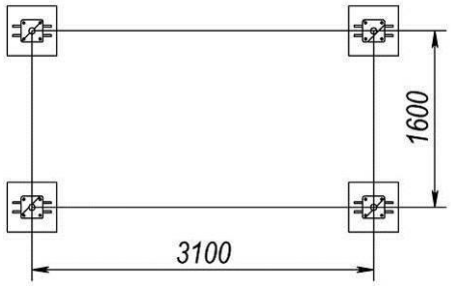
Table №3 – Concreting zone

KF907.1	KF907.2
	
KF907.3	**KF907.4**
	
KF907.5	**KF907.6**
	

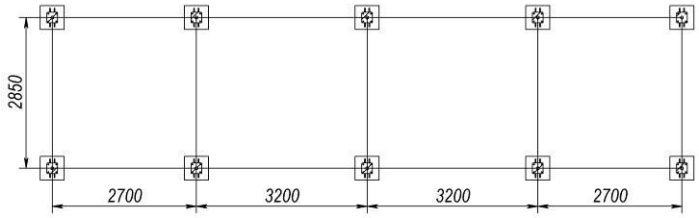
KF907.7



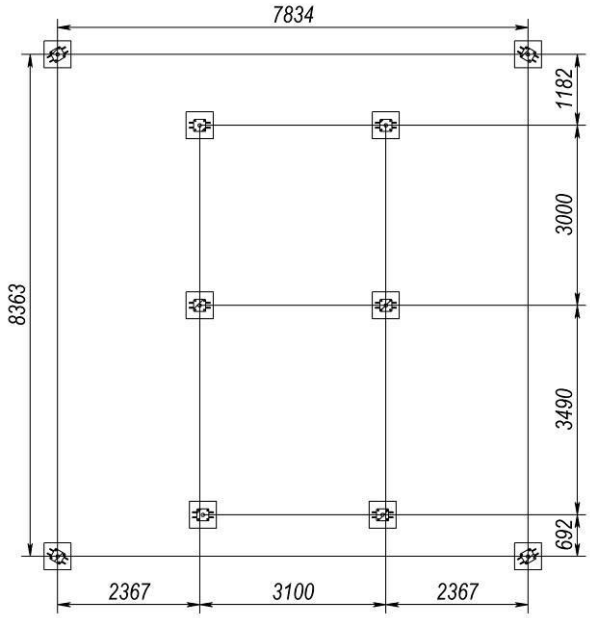
KF907.8



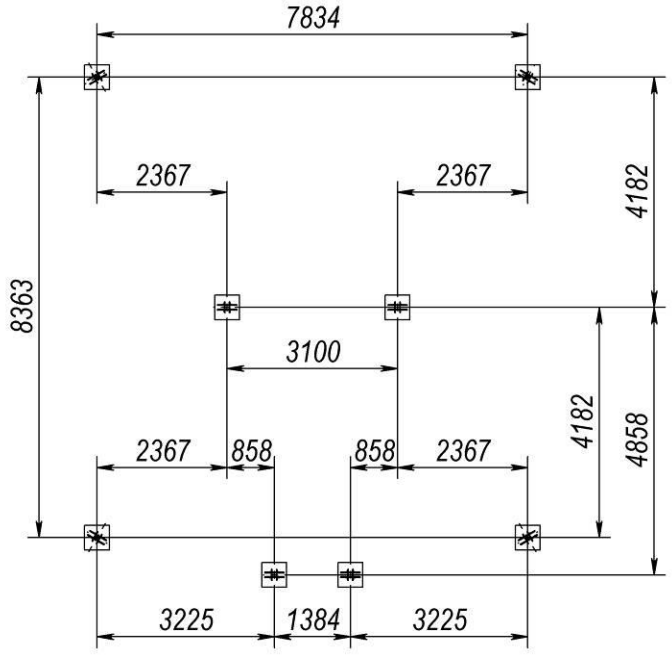
KF907.9



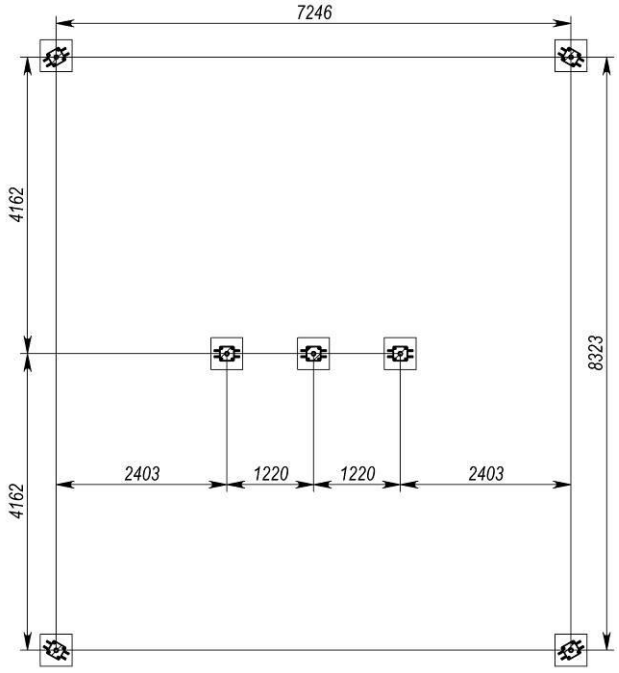
KF907.10

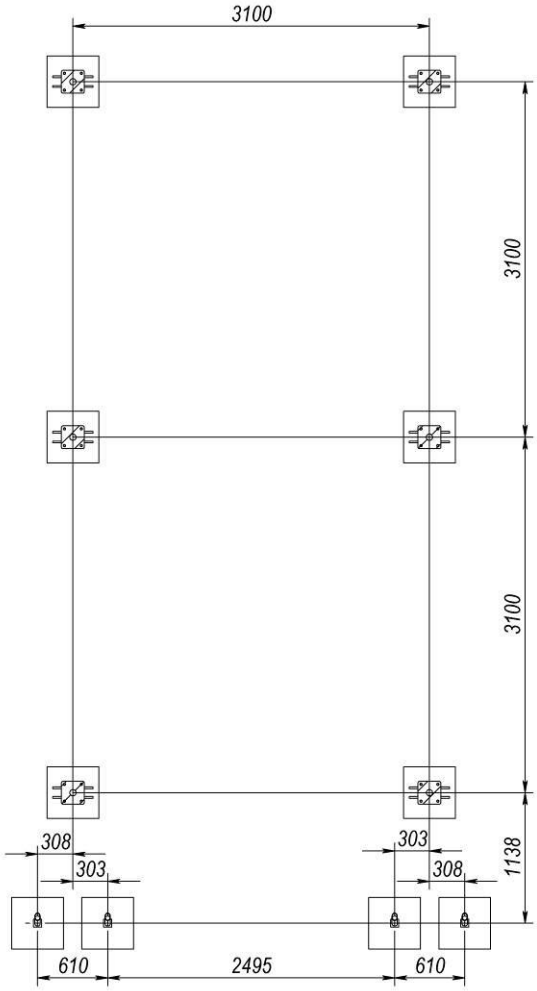
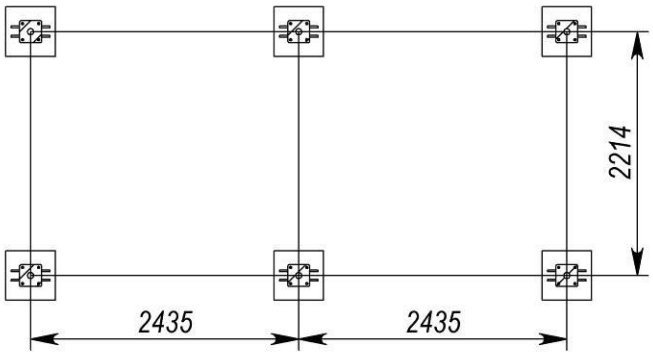
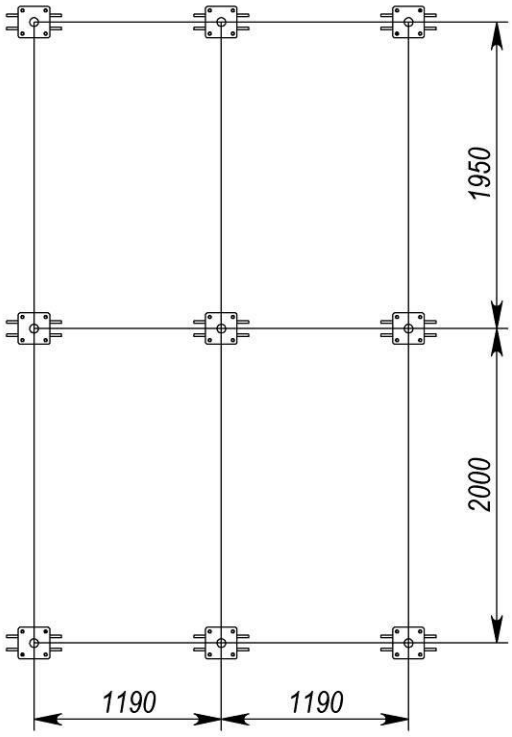
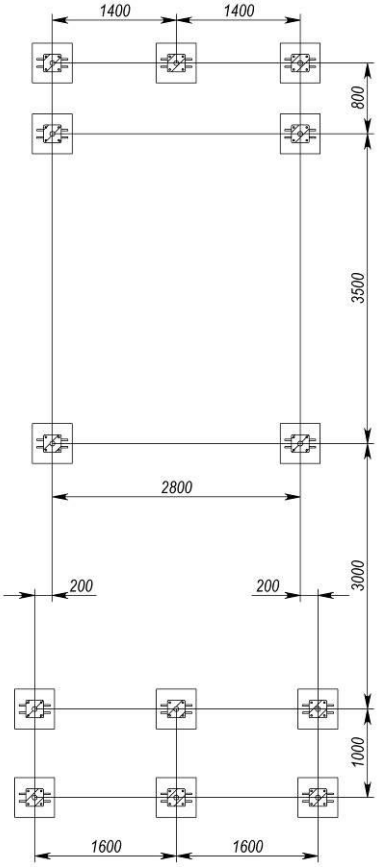


KF907.11

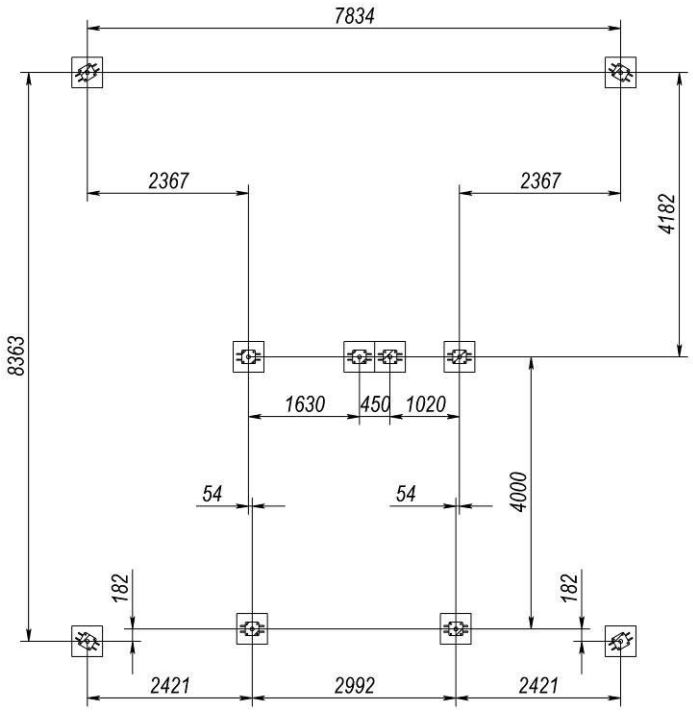


KF907.12

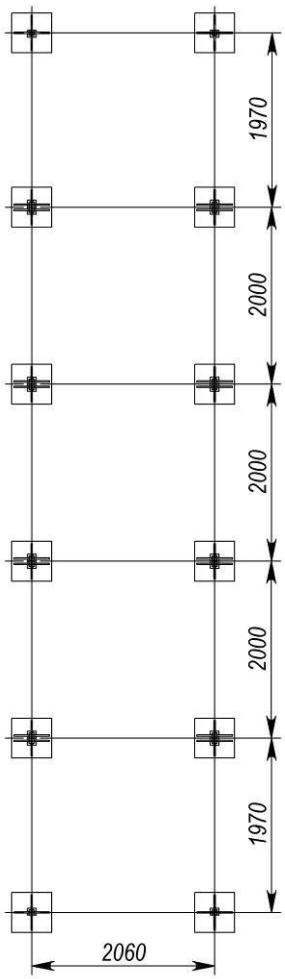


KF907.13	KF907.14
	
KF907.15	**KF907.16**
	

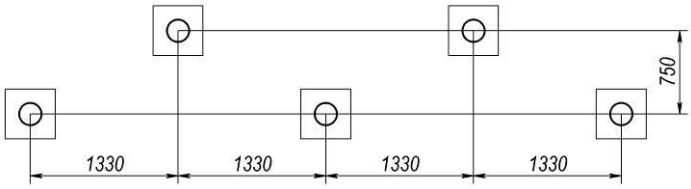
KF907.17



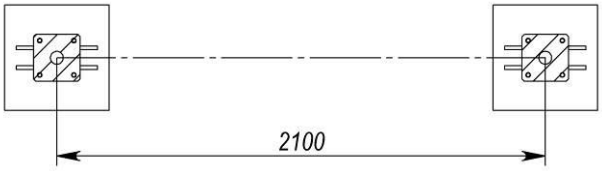
KF907.18



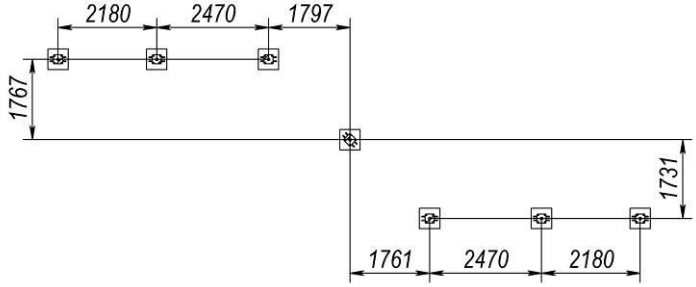
KF907.19



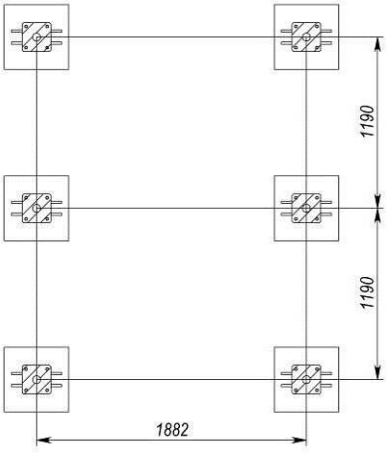
KF907.20

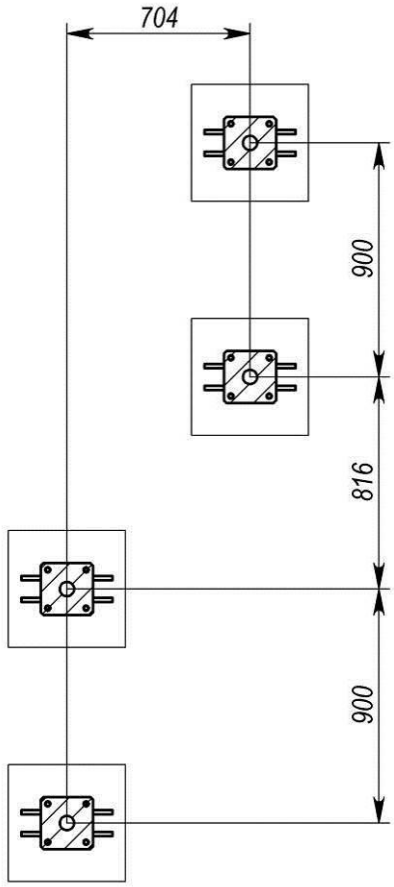
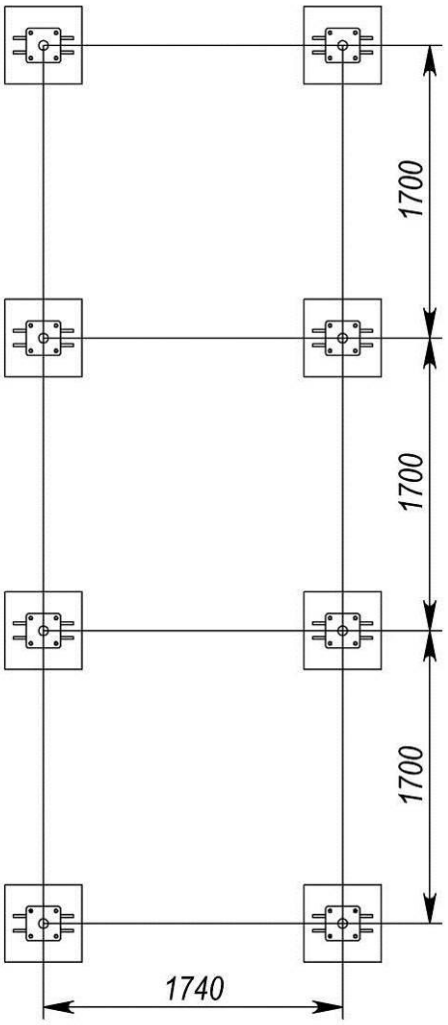
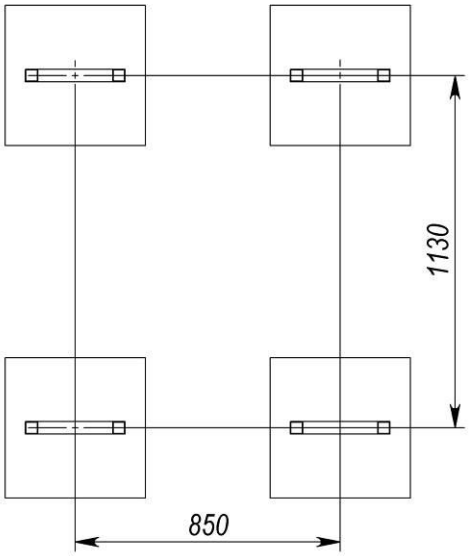
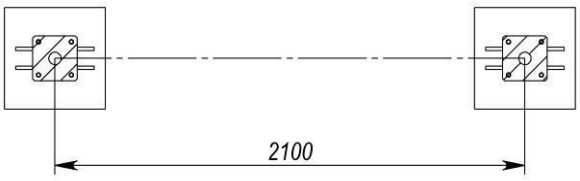


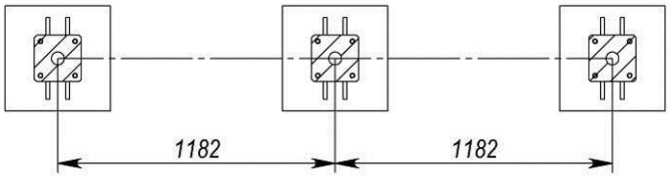
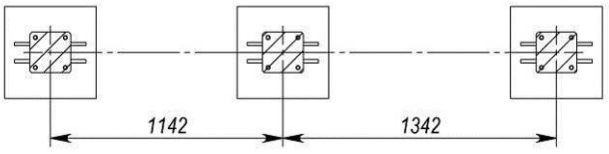
KF907.21

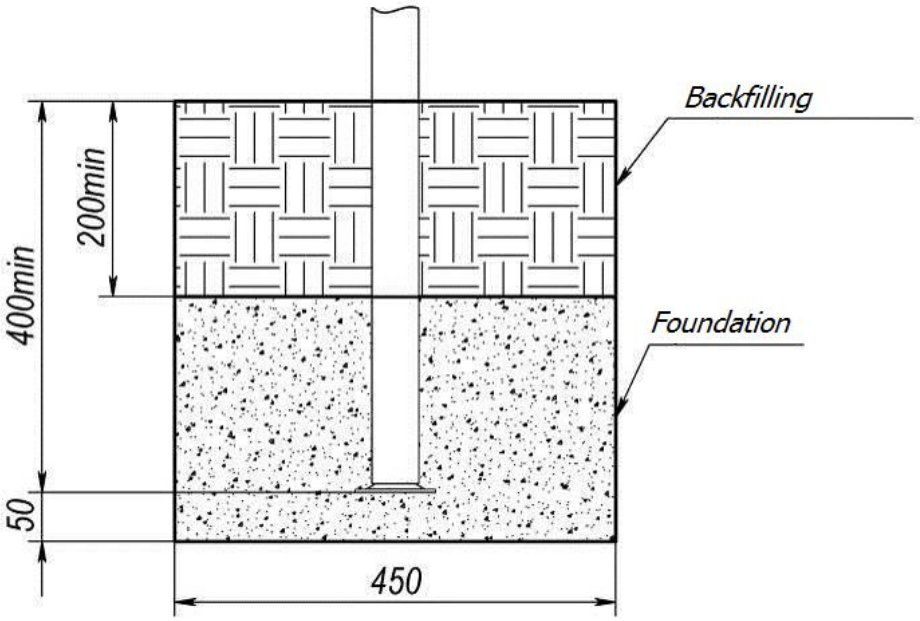


KF907.22

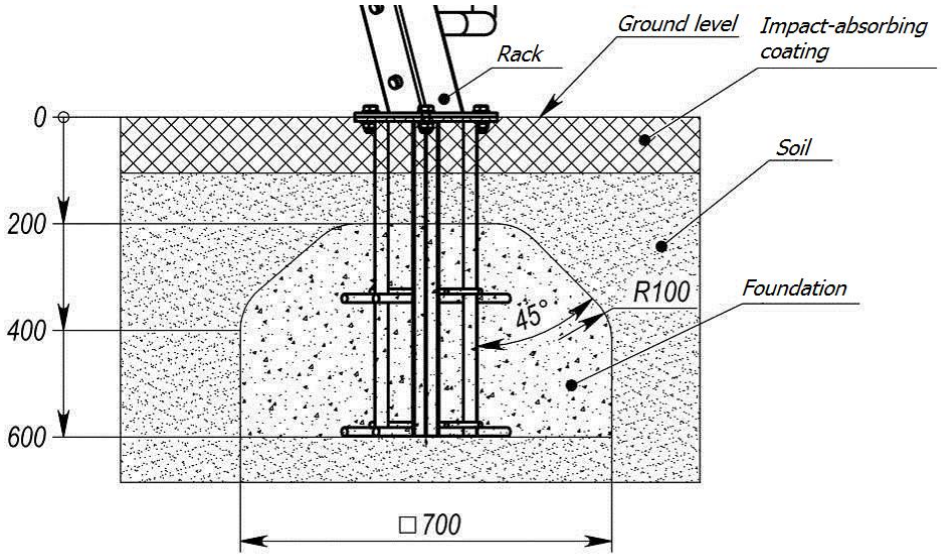


KF907.23	KF907.24
	
KF907.25	**KF907.26**
	

KF907.27	KF907.28
	

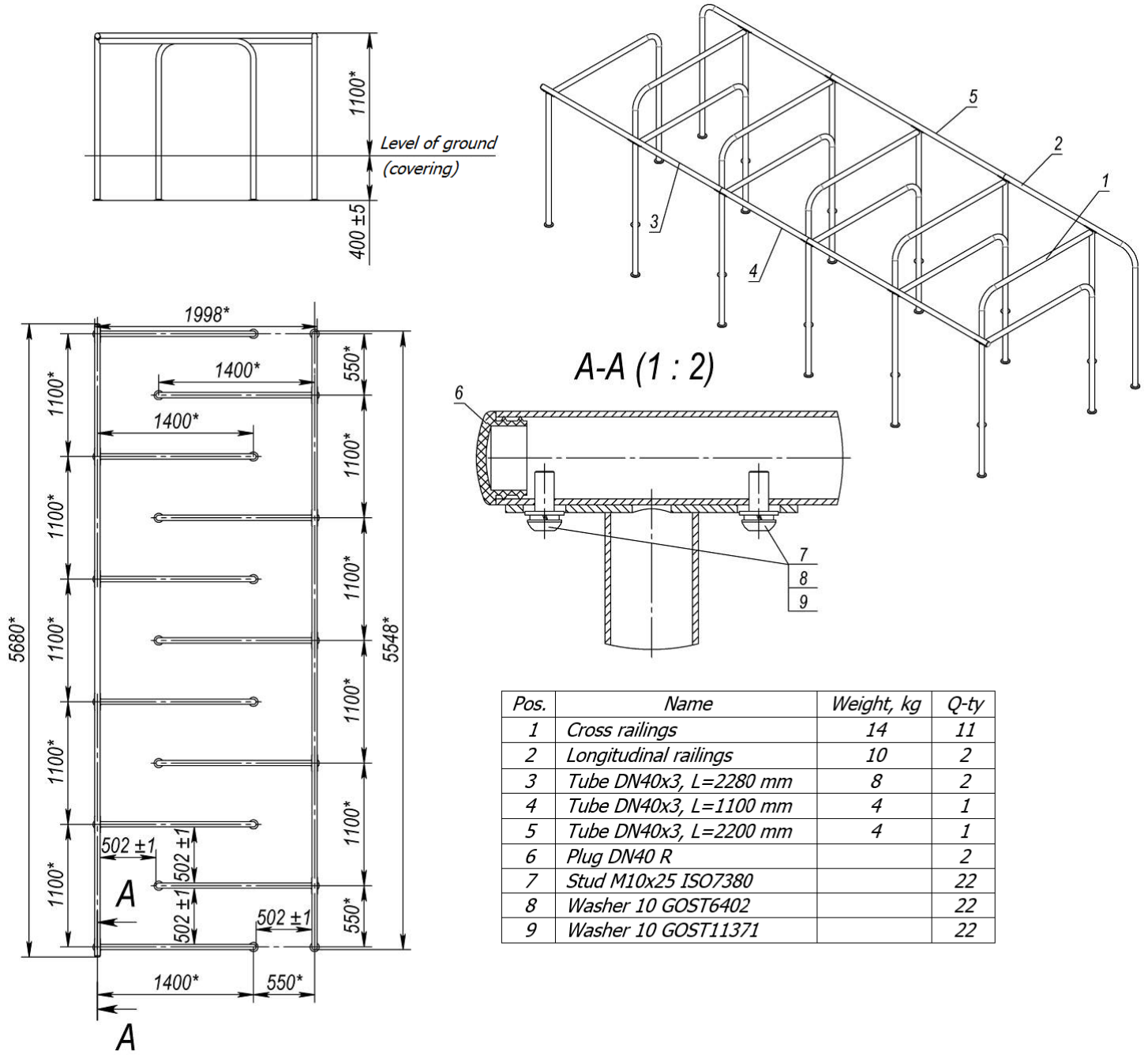


for KF907.1



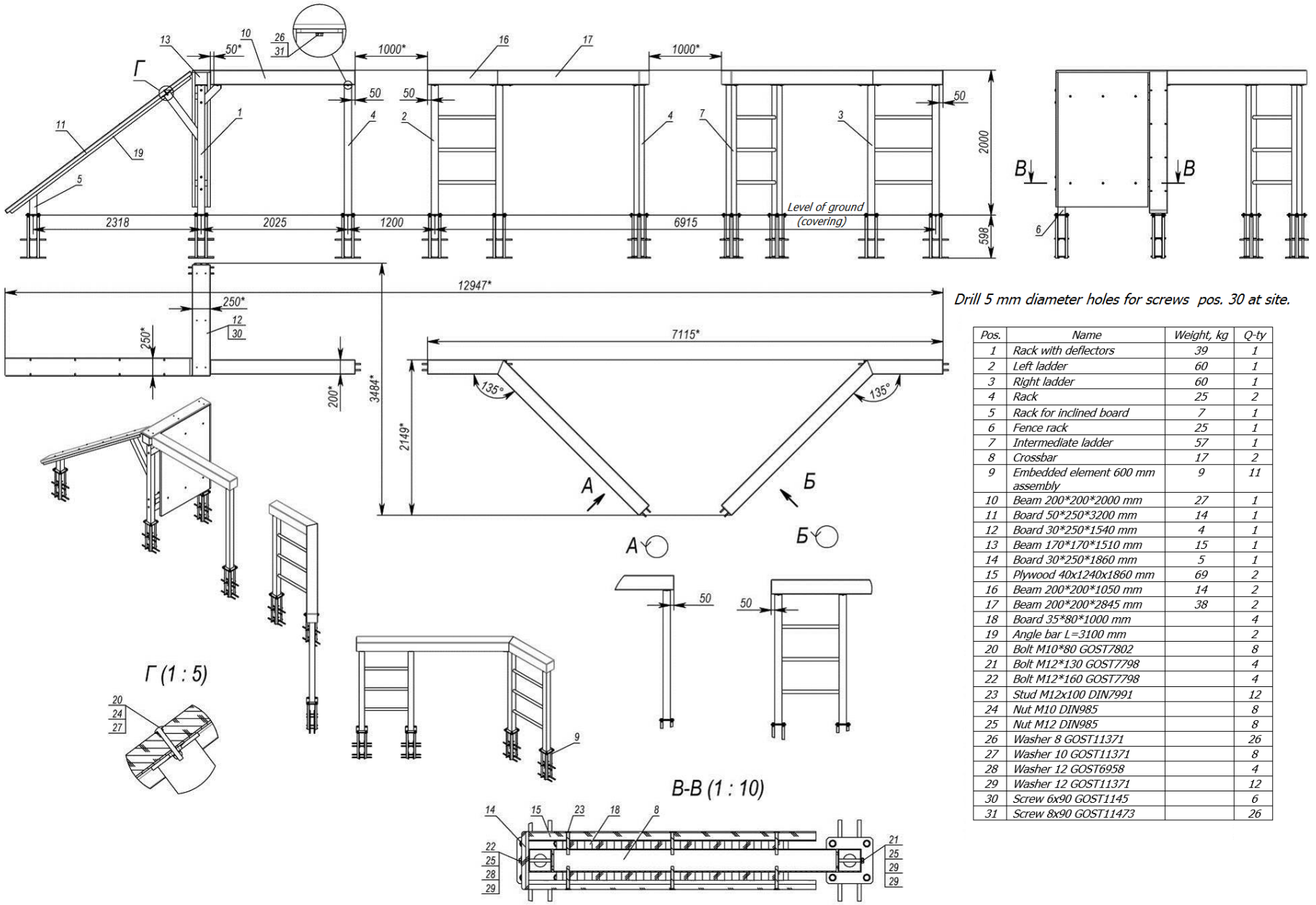
For main racks

Picture 37 – Foundations scheme



Pos.	Name	Weight, kg	Q-ty
1	Cross railings	14	11
2	Longitudinal railings	10	2
3	Tube DN40x3, L=2280 mm	8	2
4	Tube DN40x3, L=1100 mm	4	1
5	Tube DN40x3, L=2200 mm	4	1
6	Plug DN40 R		2
7	Stud M10x25 ISO7380		22
8	Washer 10 GOST6402		22
9	Washer 10 GOST11371		22

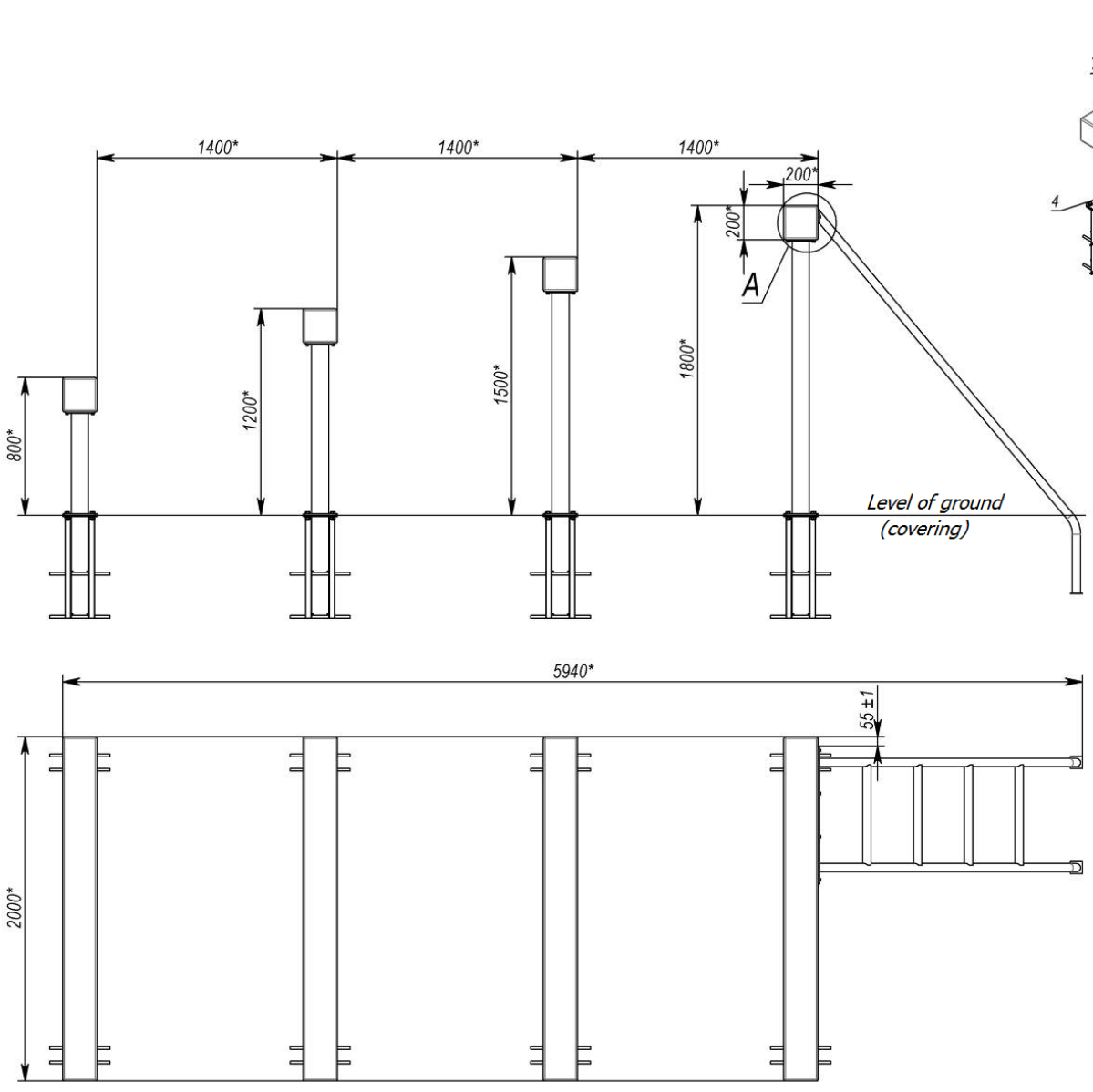
Picture 38 – Completeness KF907.1

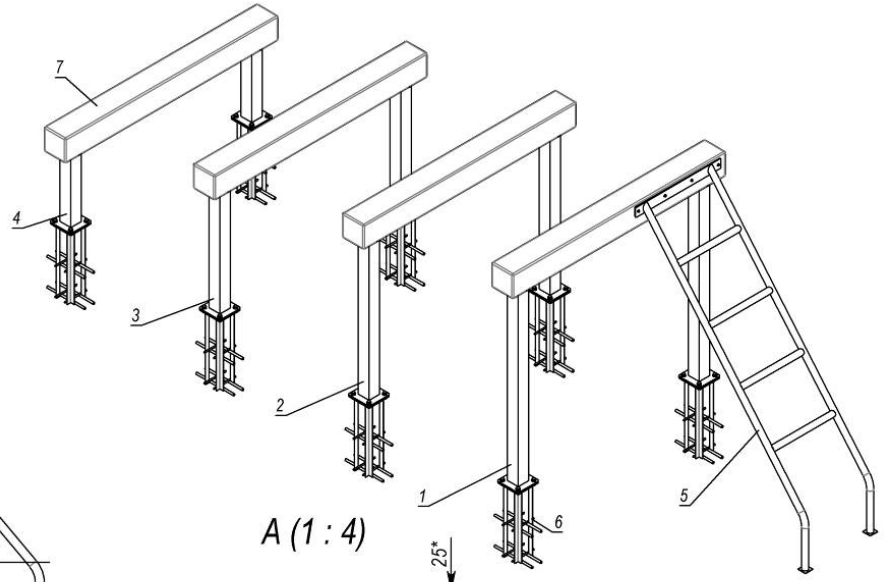


Drill 5 mm diameter holes for screws pos. 30 at site.

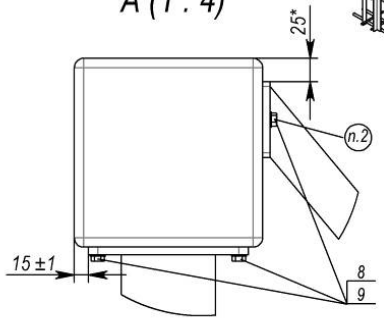
Pos.	Name	Weight, kg	Q-ty
1	Rack with deflectors	39	1
2	Left ladder	60	1
3	Right ladder	60	1
4	Rack	25	2
5	Rack for inclined board	7	1
6	Fence rack	25	1
7	Intermediate ladder	57	1
8	Crossbar	17	2
9	Embedded element 600 mm assembly	9	11
10	Beam 200*200*2000 mm	27	1
11	Board 50*250*3200 mm	14	1
12	Board 30*250*1540 mm	4	1
13	Beam 170*170*1510 mm	15	1
14	Board 30*250*1860 mm	5	1
15	Plywood 40x1240x1860 mm	69	2
16	Beam 200*200*1050 mm	14	2
17	Beam 200*200*2845 mm	38	2
18	Board 35*80*1000 mm		4
19	Angle bar L=3100 mm		2
20	Bolt M10*80 GOST7802		8
21	Bolt M12*130 GOST7798		4
22	Bolt M12*160 GOST7798		4
23	Stud M12x100 DIN7991		12
24	Nut M10 DIN985		8
25	Nut M12 DIN985		8
26	Washer 8 GOST11371		26
27	Washer 10 GOST11371		8
28	Washer 12 GOST6958		4
29	Washer 12 GOST11371		12
30	Screw 6x90 GOST1145		6
31	Screw 8x90 GOST11473		26

Picture 39 – Completeness KF907.2





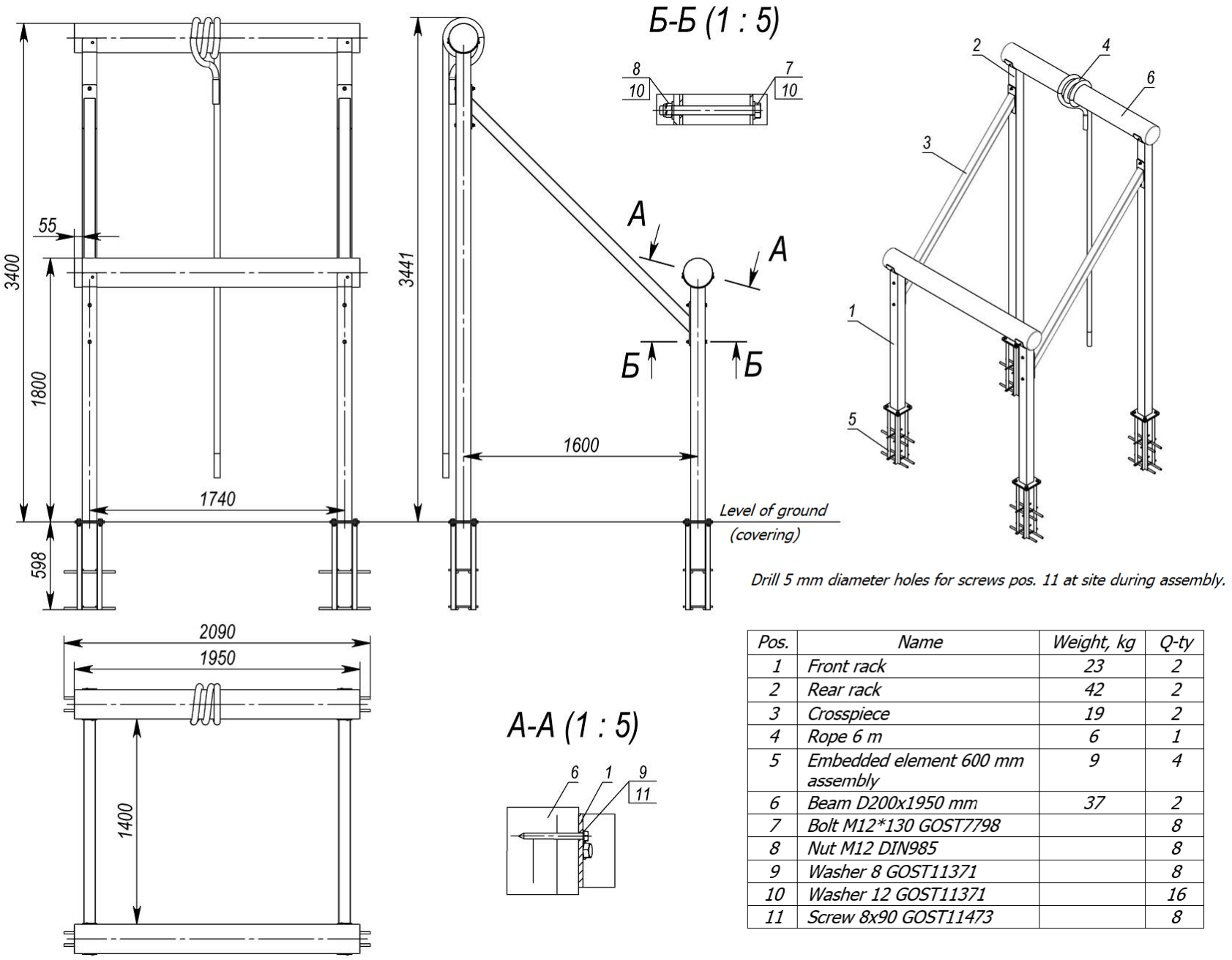
A (1 : 4)



Drill 5 mm diameter holes for screws pos. 9 at site.

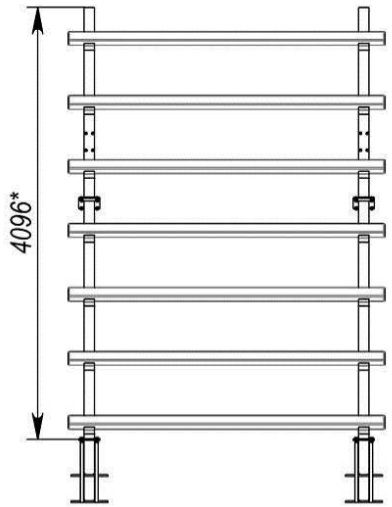
Pos.	*Name*	*Weight, kg*	*Q-ty*
1	*Rack 1.6 m*	*22*	*2*
2	*Rack 1.3 m*	*19*	*2*
3	*Rack 1 m*	*15*	*2*
4	*Rack 0.6 m*	*10*	*2*
5	*Stairs*	*30*	*1*
6	*Embedded element 600 mm assembly*	*9*	*8*
7	*Beam 200*200*2000 mm*	*27*	*4*
8	*Washer 8 GOST11371*		*20*
9	*Screw 8x90 GOST11473*		*20*

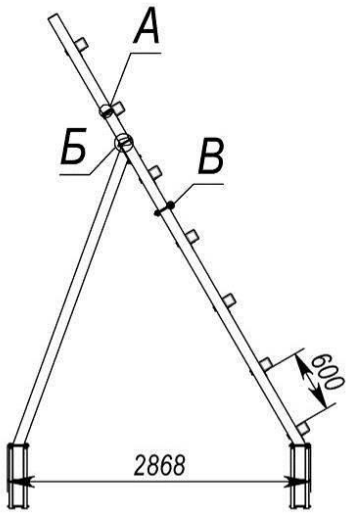
Picture 40 – Completeness KF907.3

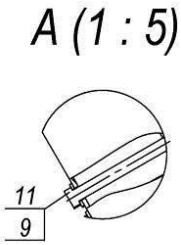


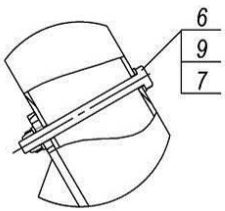
Pos.	Name	Weight, kg	Q-ty
1	Front rack	23	2
2	Rear rack	42	2
3	Crosspiece	19	2
4	Rope 6 m	6	1
5	Embedded element 600 mm assembly	9	4
6	Beam D200x1950 mm	37	2
7	Bolt M12*130 GOST7798		8
8	Nut M12 DIN985		8
9	Washer 8 GOST11371		8
10	Washer 12 GOST11371		16
11	Screw 8x90 GOST11473		8

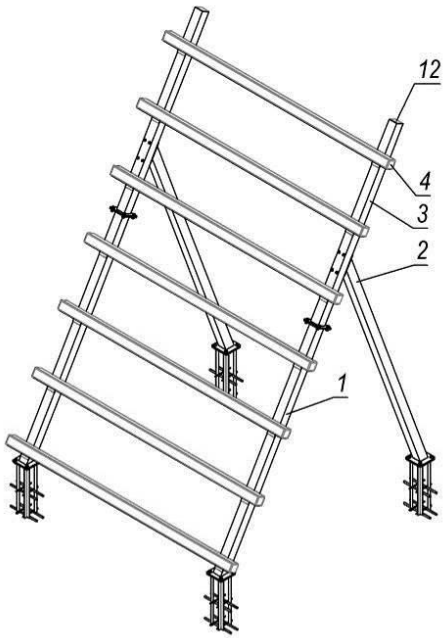
Picture 41 – Completeness KF907.4

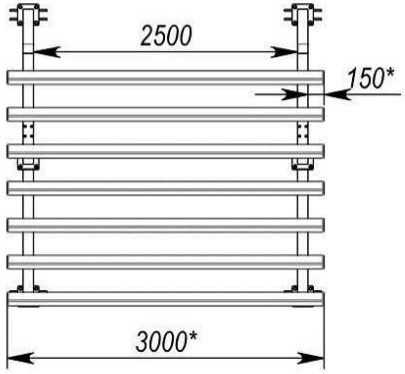


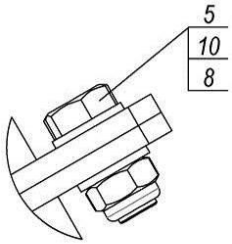






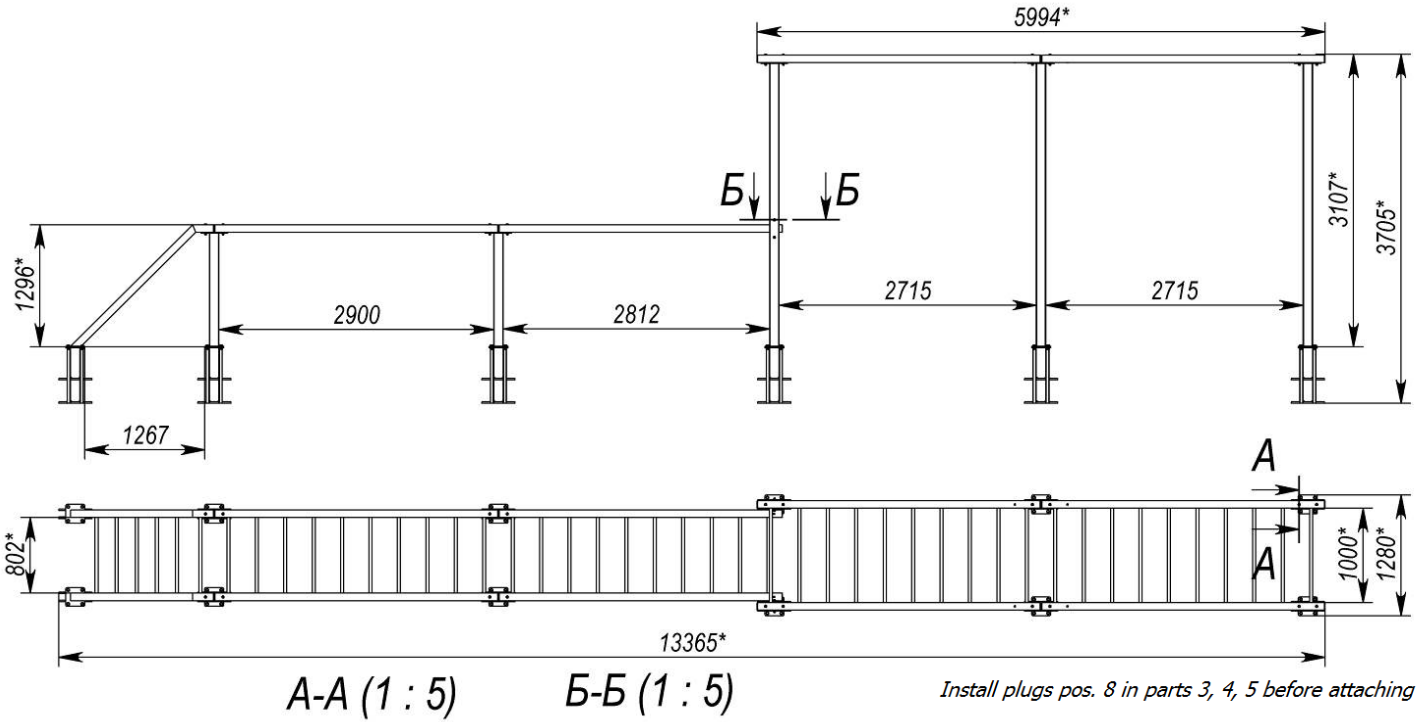


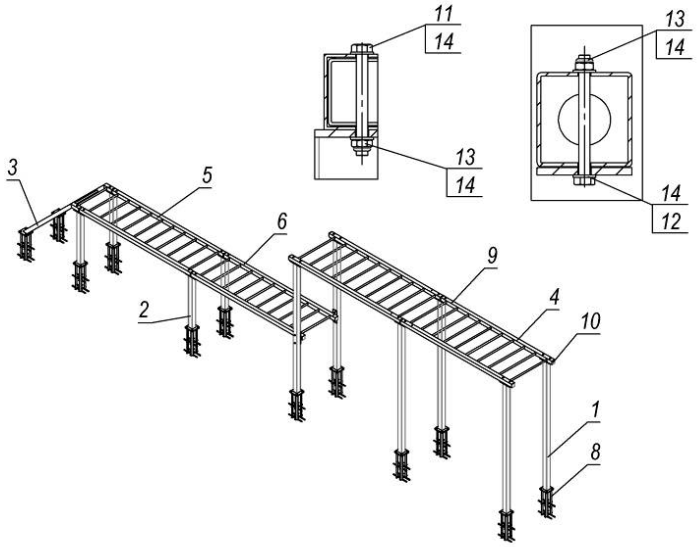




Pos.	Name	Weight, kg	Q-ty
1	Inclined rack	37	2
2	Inclined rack support	39	2
3	Rack 2.1 m	29	2
4	Beam	18	7
5	Bolt M16*40 GOST7798		8
6	Bolt M12*130 GOST7798		8
7	Nut M12 DIN985		8
8	Nut M16 DIN985		8
9	Washer 12 GOST11371		44
10	Washer 16 GOST11371		16
11	Screw 8x180 GOST11473		28
12	Plug ZK 100x100 (internal)		2
13	Embedded element 600 mm assembly		4

Picture 42 – Completeness KF907.5

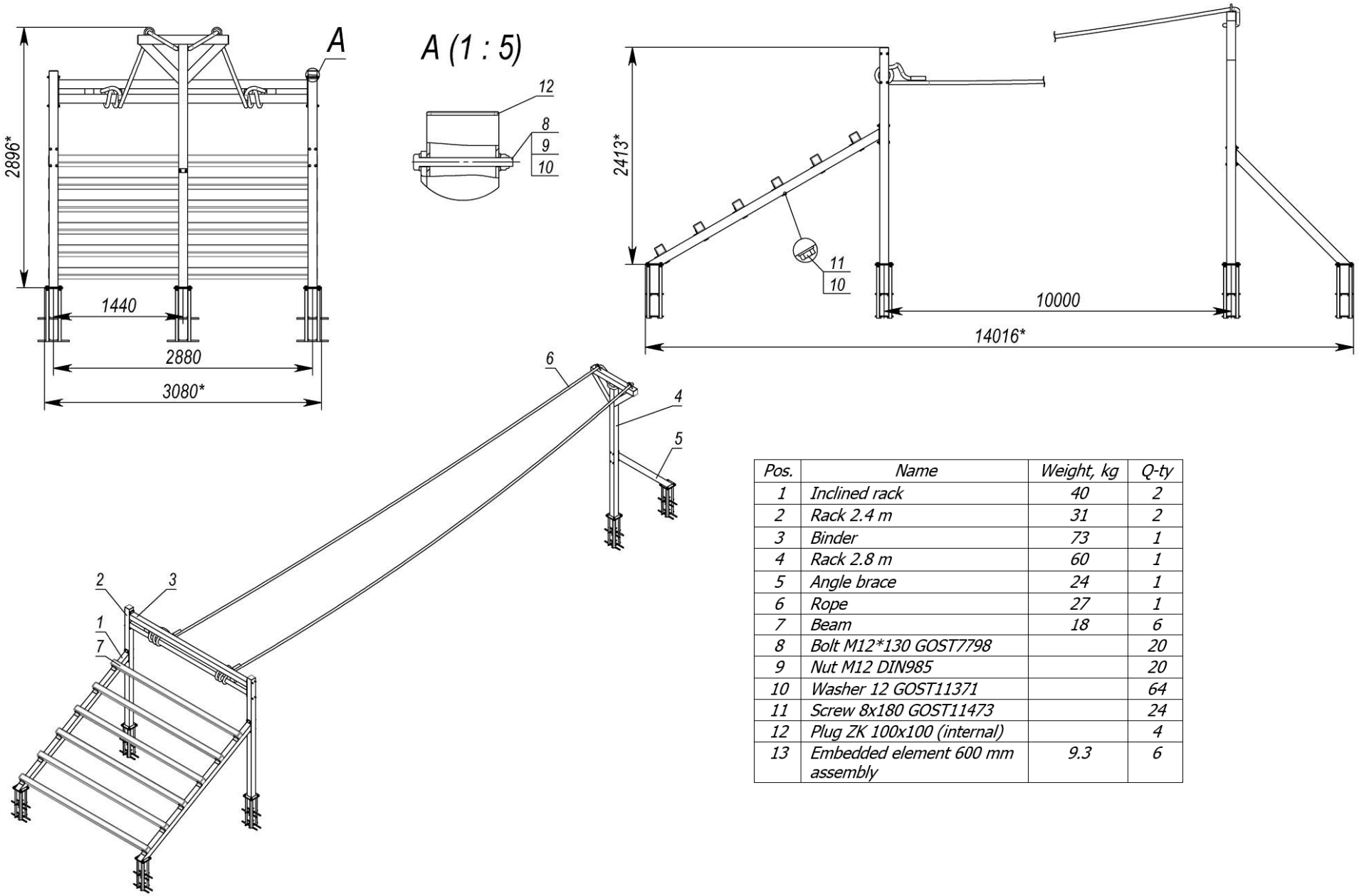




Install plugs pos. 8 in parts 3, 4, 5 before attaching to the racks.

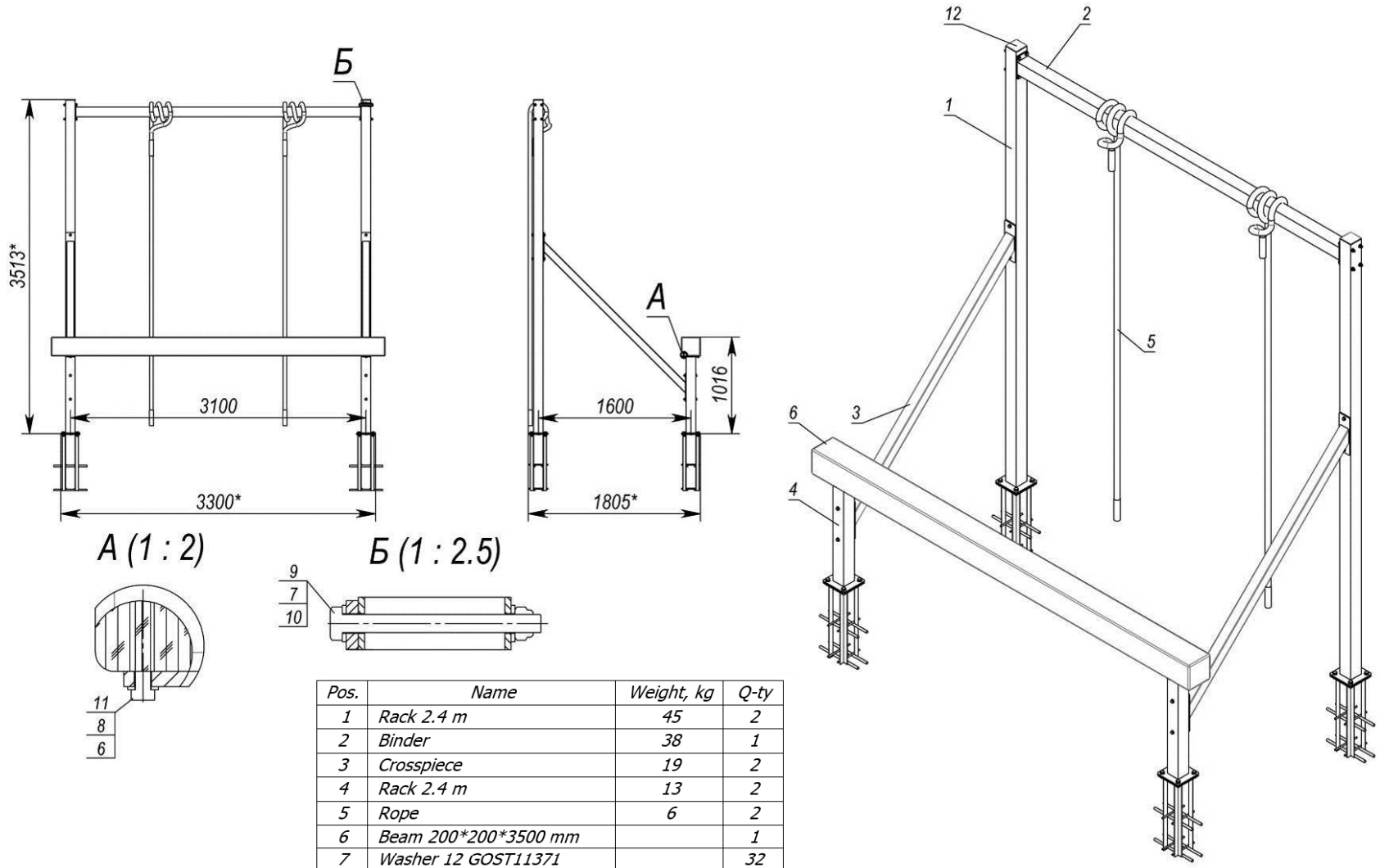
Pos.	Name	Weight, kg	Q-ty
1	Rack 3.0 m	40	4
2	Rack 1.2 m	18	4
3	Ladder	47	1
4	Monkey bar	72	2
5	Monkey bar	67	1
6	Monkey bar	70	1
7	Rack 3.0 m	40	2
8	Embedded element 600 mm assembly	9	12
9	Plug ZDO 16x13 (for tech. openings)		12
10	Plug ZK 80x80 (internal)		18
11	Bolt M12*110 GOST7798		20
12	Bolt M12*130 GOST7798		4
13	Nut M12 DIN985		24
14	Washer 12 GOST11371		48

Picture 43 – Completeness KF907.6



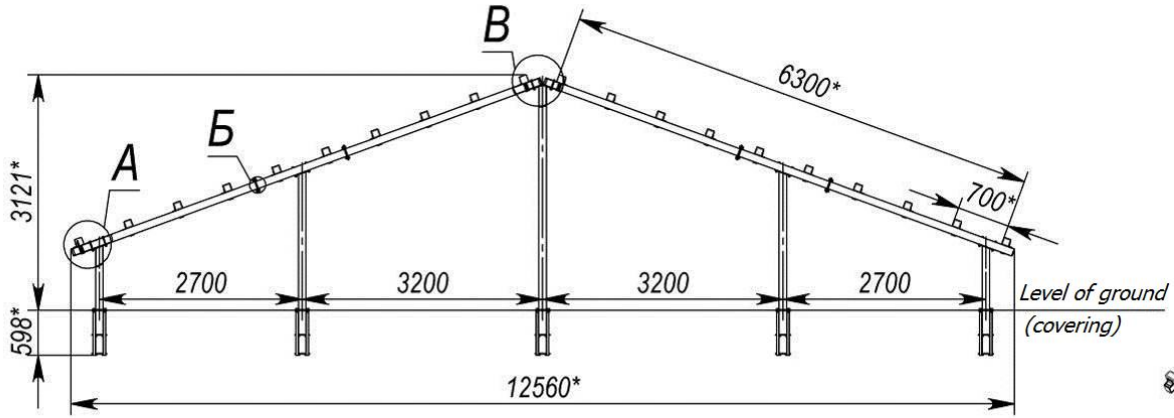
Pos.	Name	Weight, kg	Q-ty
1	Inclined rack	40	2
2	Rack 2.4 m	31	2
3	Binder	73	1
4	Rack 2.8 m	60	1
5	Angle brace	24	1
6	Rope	27	1
7	Beam	18	6
8	Bolt M12*130 GOST7798		20
9	Nut M12 DIN985		20
10	Washer 12 GOST11371		64
11	Screw 8x180 GOST11473		24
12	Plug ZK 100x100 (internal)		4
13	Embedded element 600 mm assembly	9.3	6

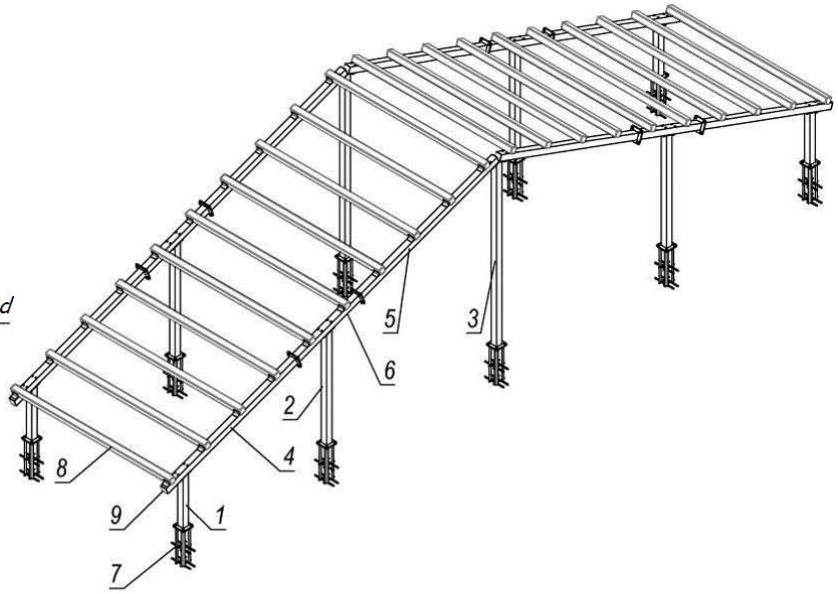
Picture 44 – Completeness KF907.7

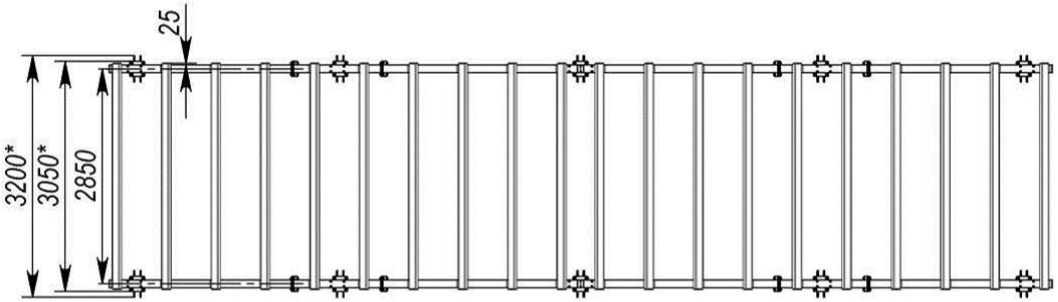


Pos.	Name	Weight, kg	Q-ty
1	Rack 2.4 m	45	2
2	Binder	38	1
3	Crosspiece	19	2
4	Rack 2.4 m	13	2
5	Rope	6	2
6	Beam 200*200*3500 mm		1
7	Washer 12 GOST11371		32
8	Washer 8 GOST11371		4
9	Bolt M12*130 GOST7798		16
10	Nut M12 DIN985		16
11	Screw 8x90 GOST11473		4
12	Plug ZK 100x100 (internal)		2
13	Embedded element 600 mm assembly	9	4

Picture 45 – Completeness KF907.8

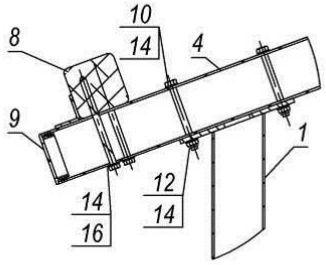




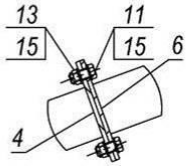


Pos.	Name	Weight, kg	Q-ty
1	Rack 0.9 m	13	4
2	Rack 1.9 m	25	4
3	Rack 3 m	40	2
4	Lower sidewall	35	4
5	Upper sidewall	37	4
6	Central sidewall	20	4
7	Embedded element 600 mm assembly	9	10
8	Beam	18	20
9	Plug ZK 100x100 (internal)		8
10	Bolt M12*130 GOST7798		40
11	Bolt M16*40 GOST7798		32
12	Nut M12 DIN985		44
13	Nut M16 DIN985		32
14	Washer 12 GOST11371		164
15	Washer 16 GOST11371		64
16	Screw 8x180 GOST11473		80

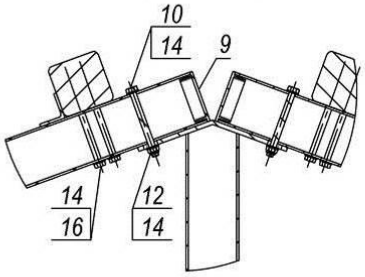
А (1 : 10)



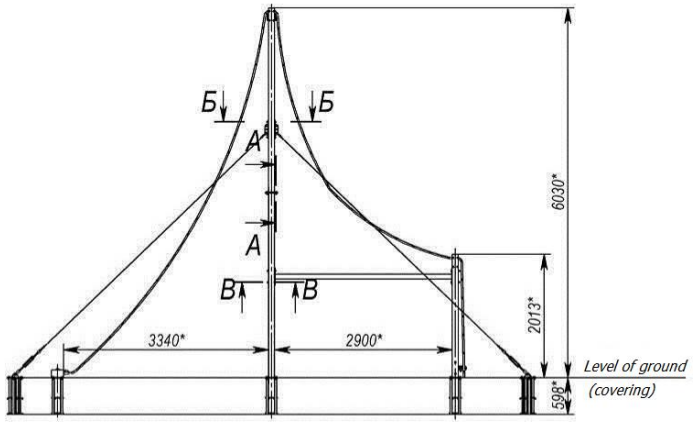
Б (1 : 10)

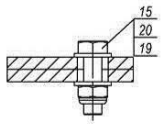


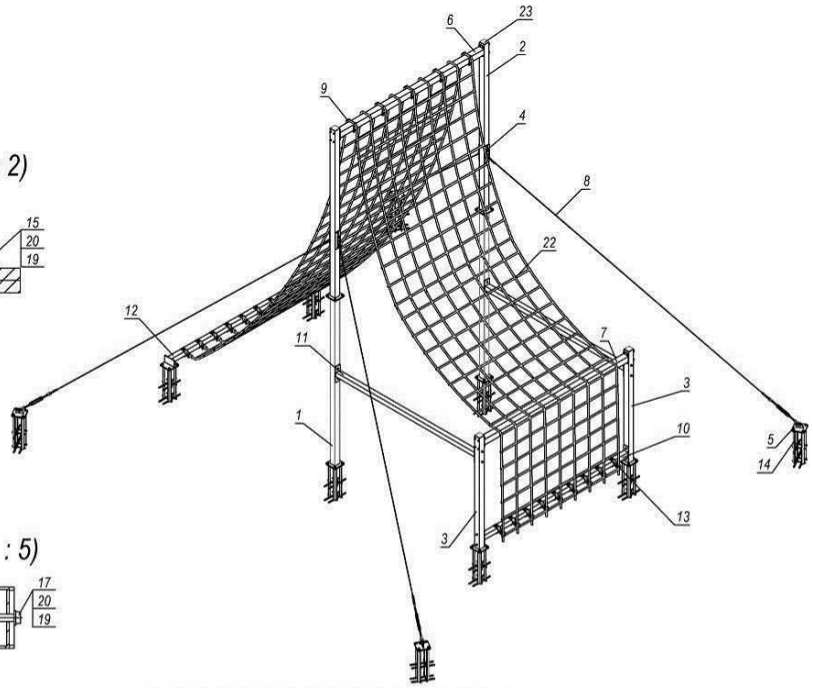
В (1 : 10)

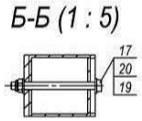


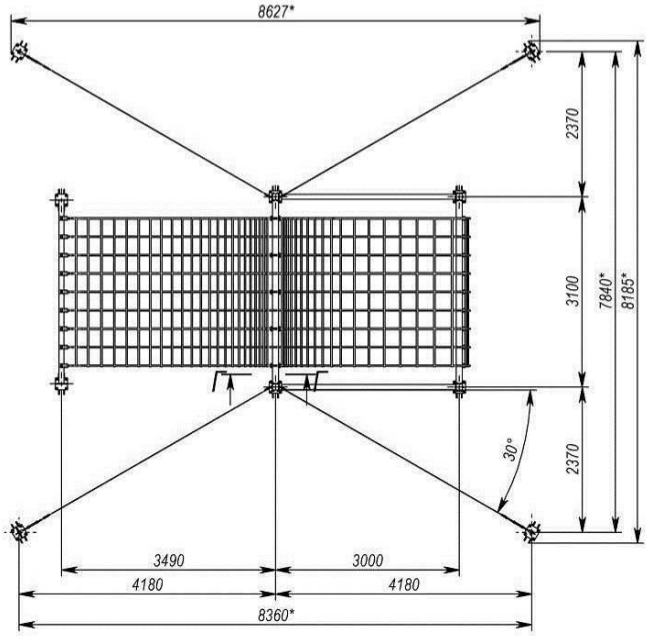
Picture 46 – Completeness KF907.9

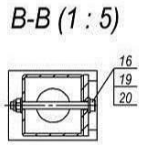


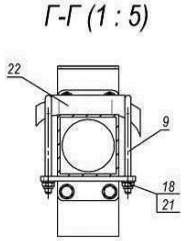






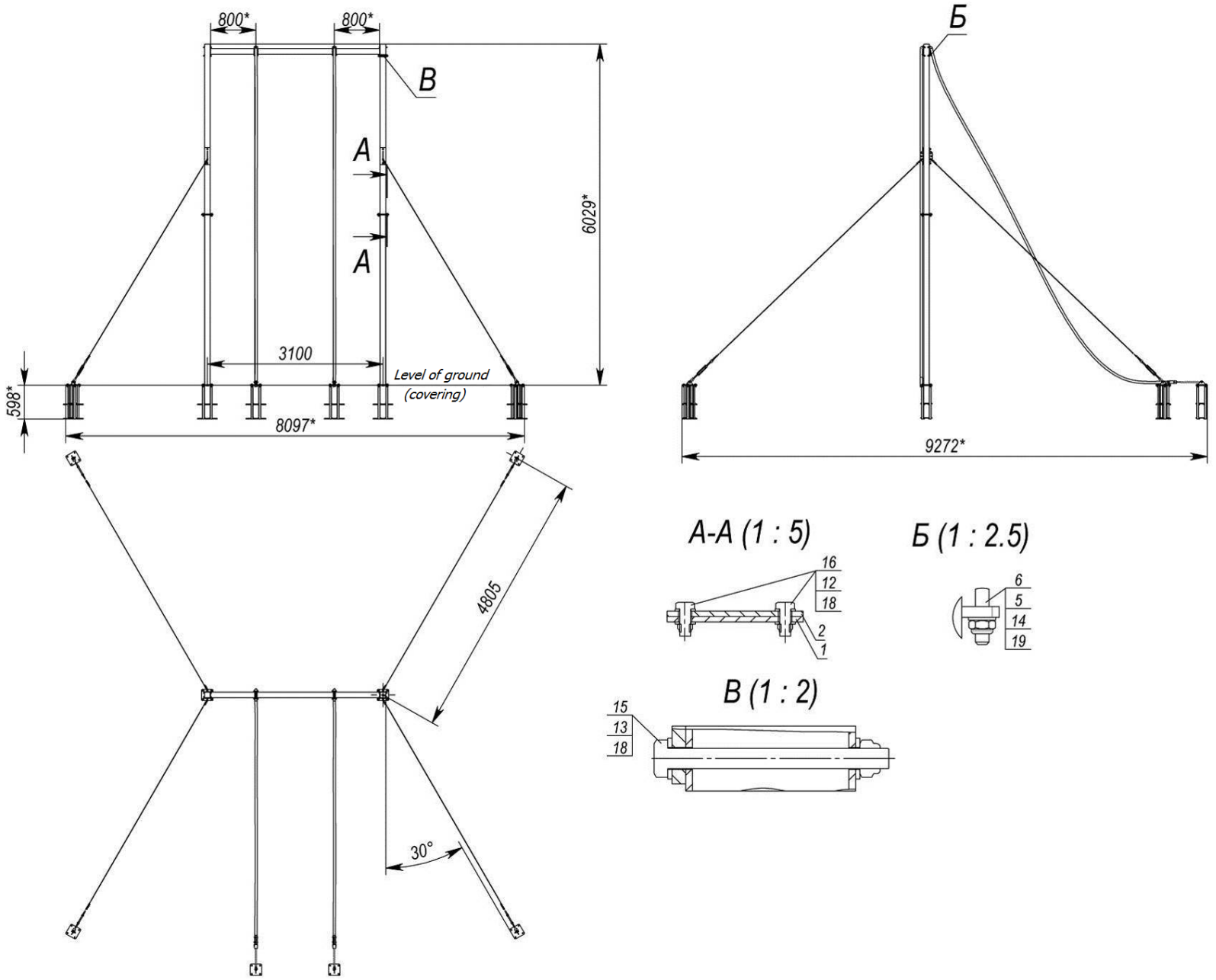




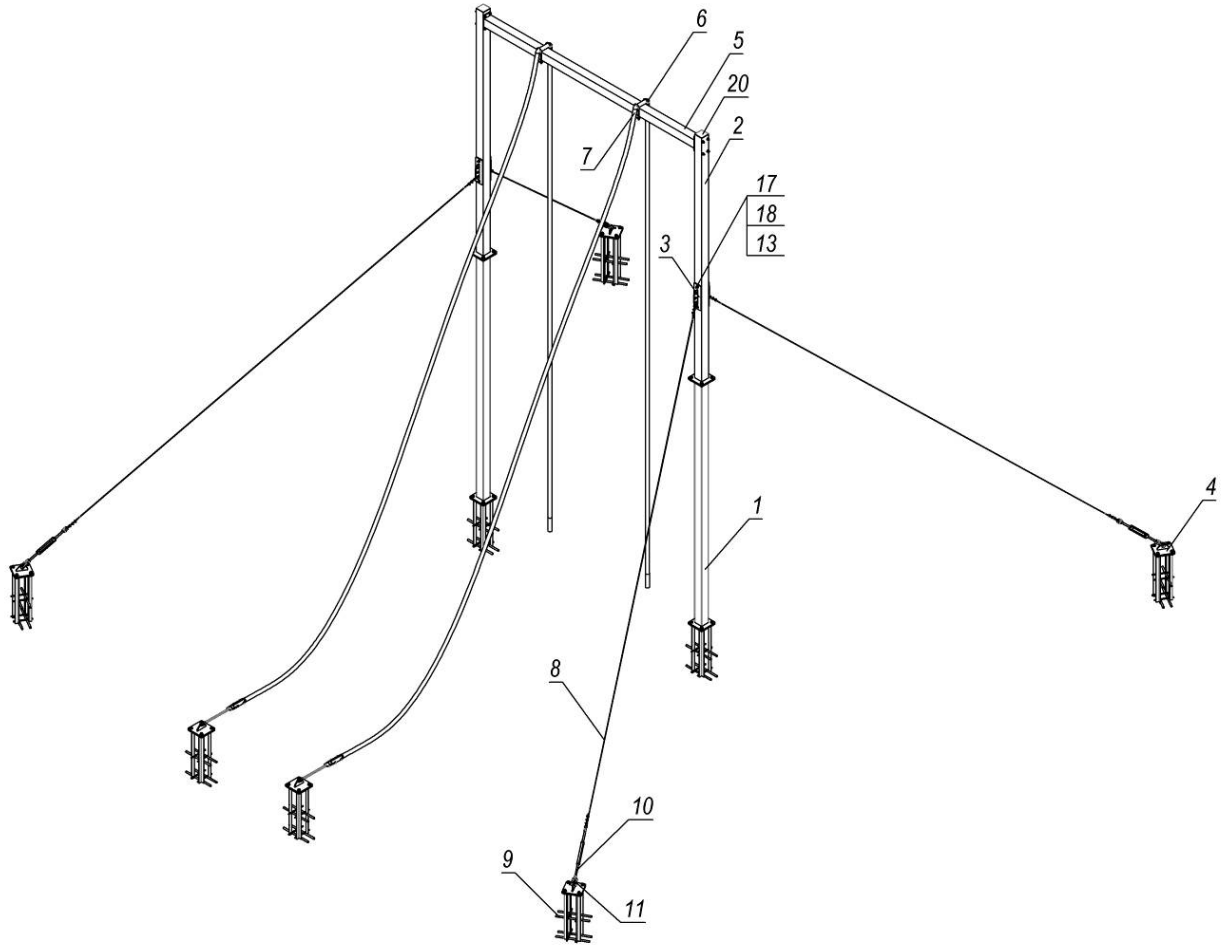


Pos.	Name	Weight, kg	Q-ty
1	Rack 3.0 m	40	2
2	Rack 3.0 m	38	2
3	Rack 2.0 m	26	2
4	Fastening adapter	2	4
5	Fastening detail	3	4
6	Plank for rope fastening	40	1
7	Plank for rope fastening	37	1
8	Tie-rod	3	4
9	Rope clamp		5
10	Crosspiece	24	1
11	Brace rod	24	2
12	Plank	29	1
13	Suspension bracket	2	18
14	Embedded element 600 mm assembly	9	10
15	Bolt M12*40 GOST7798		8
16	Bolt M12*130 GOST7798		28
17	Bolt M12*140 GOST7798		4
18	Nut M10 DIN985		20
19	Nut M12 DIN985		40
20	Washer 12 GOST11371		80
21	Washer 10 GOST11371		20
22	Mesh D20 mm polypropylene		1
23	Plug ZK 100x100 (internal)		4

Picture 47 – Completeness KF907.10

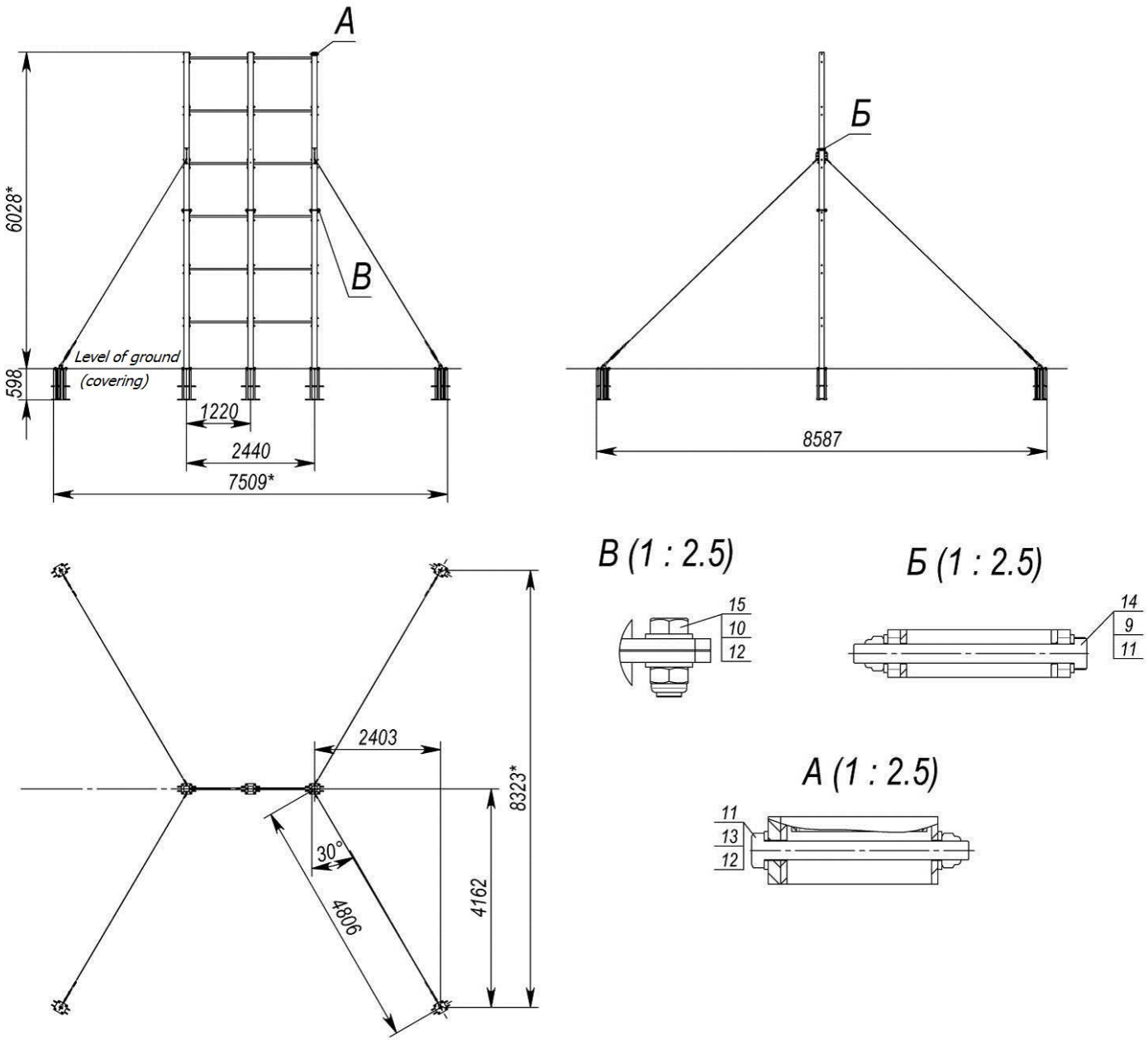


Picture 48 – for KF907.11

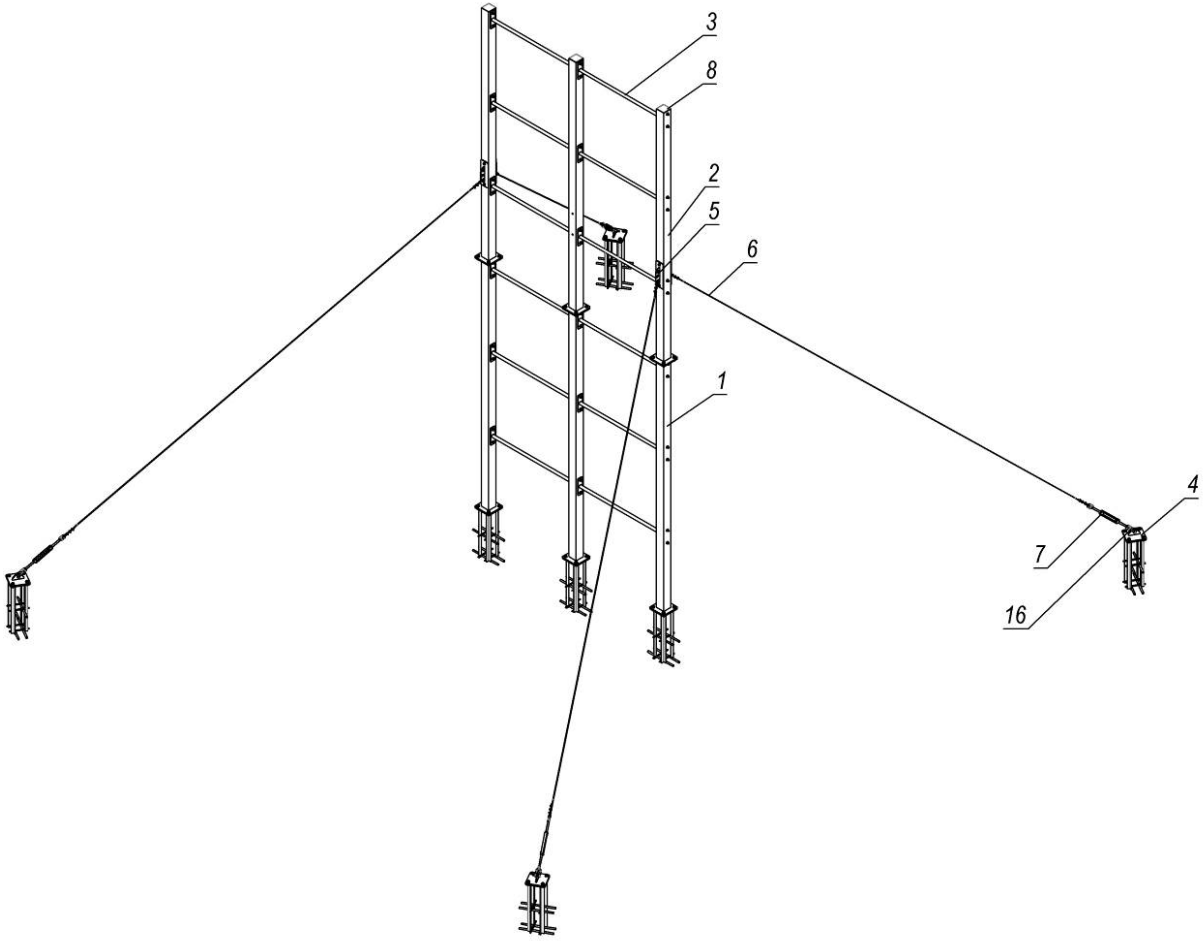


Pos.	Name	Weight, kg	Q-ty
1	Rack 3.0 m	40	2
2	Rack 3.0 m	38	2
3	Fastening adapter	2	4
4	Fastening detail	3	6
5	Crosspiece	39	1
6	Rope clamp		2
7	Rope assembly	16	2
8	Cable d5 DIN 3060 assembly		4
9	Embedded element 600 mm assembly	9	8
10	Turnbuckle GOST9690		4
11	Carabine U-shaped 20x27 DIN82101 Type A		4
12	Washer 16 GOST11371		16
13	Washer 12 GOST11371		24
14	Washer 10 GOST11371		8
15	Bolt M12*130 GOST7798		8
16	Bolt M16*40 GOST7798		8
17	Bolt M12*140 GOST7798		4
18	Nut M12 DIN985		20
19	Nut M10 DIN985		8
20	Plug ZK 100x100 (internal)		2

Picture 49 – Completeness KF907.11

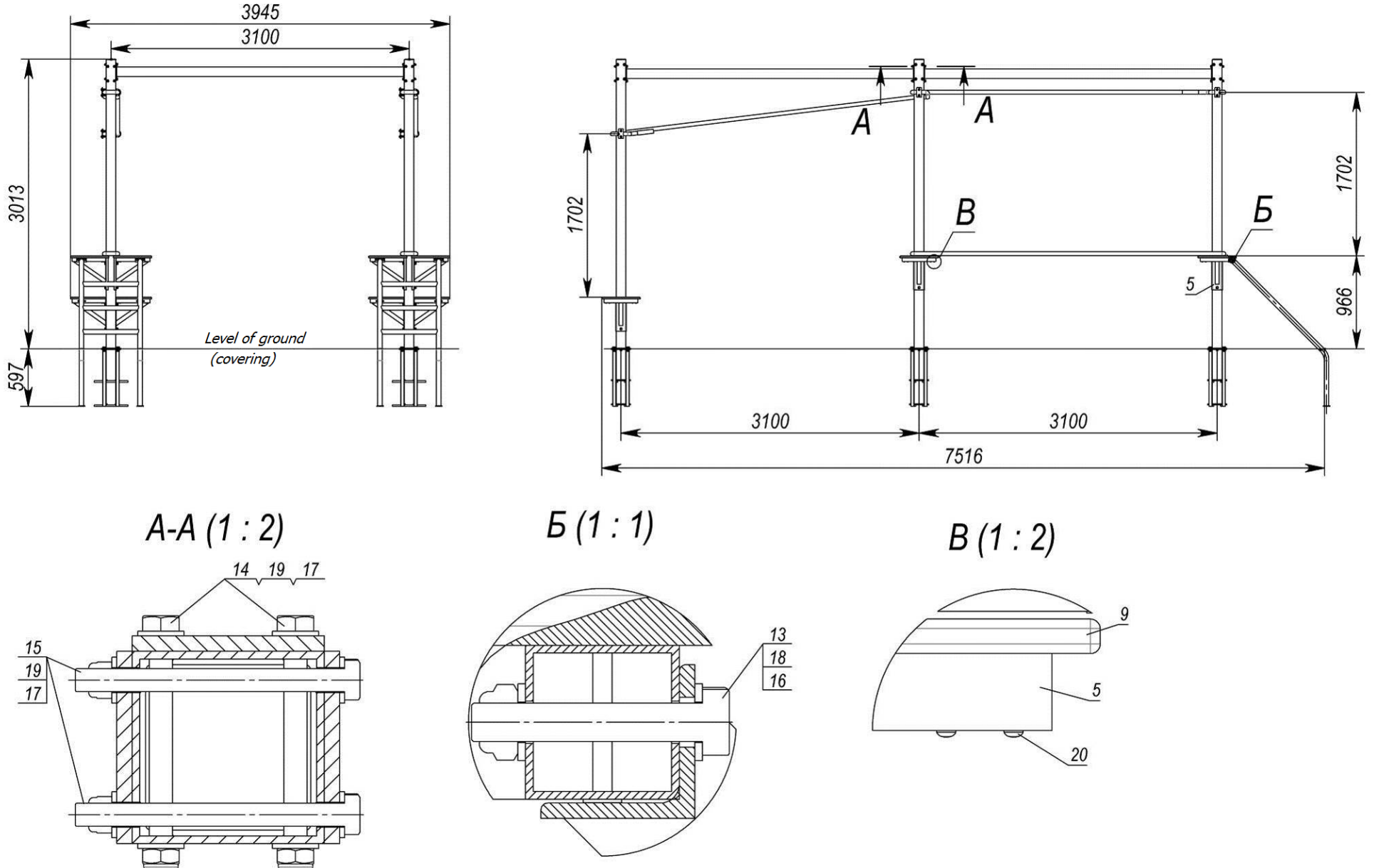


Picture 50 – for KF907.12

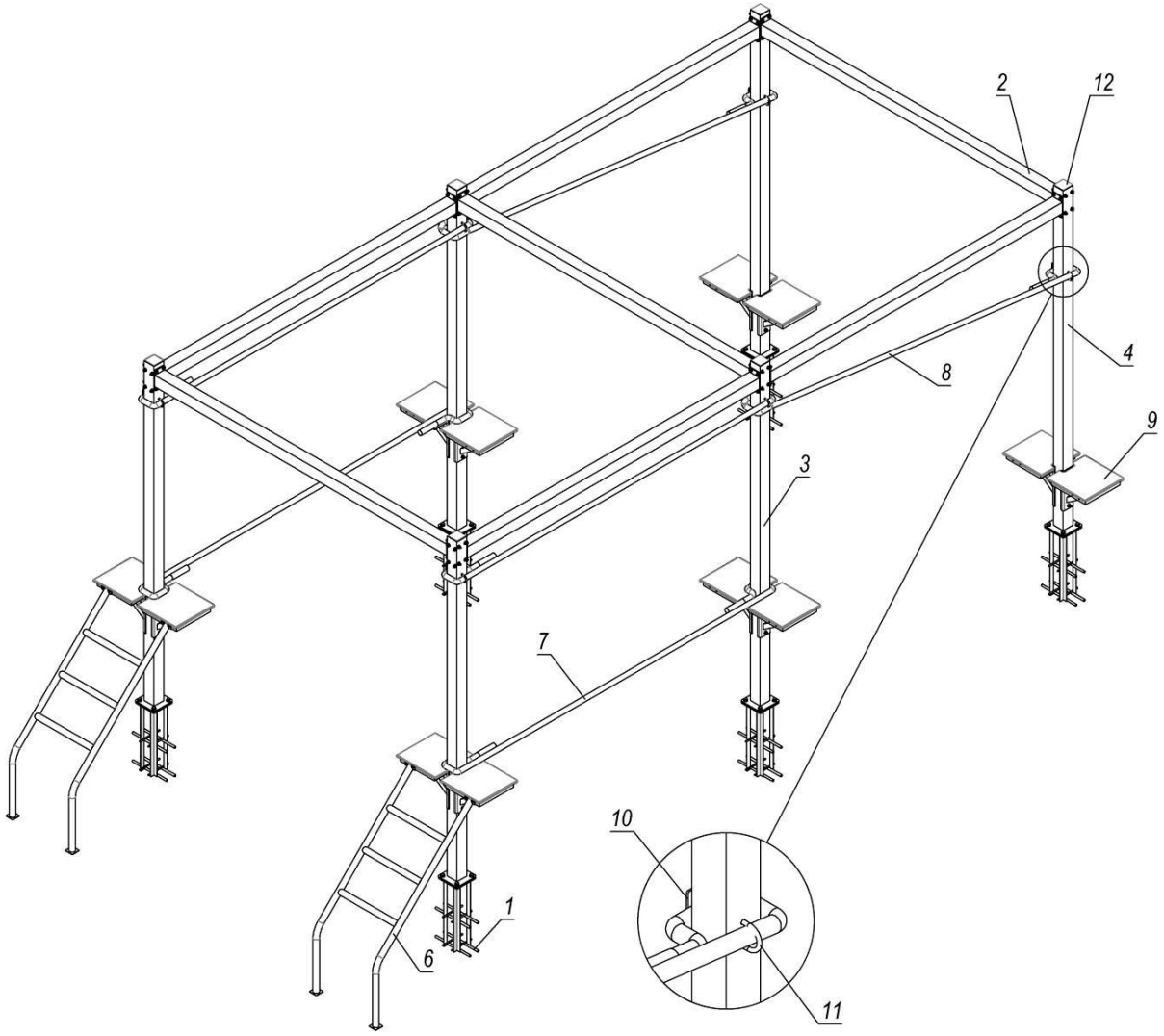


Pos.	Name	Weight, kg	Q-ty
1	Rack 3.0 m	41	3
2	Rack 3.0 m	38	3
3	Horizontal bar 1.12 m	4	12
4	Fastening detail	3	4
5	Fastening adapter	2	4
6	Cable d5 DIN 3060 assembly		4
7	Turnbuckle 1.2 УУ-ОШ GOST9690		4
8	Plug ZK 100x100 (internal)		3
9	Washer 12 GOST11371		80
10	Washer 16 GOST11371		24
11	Nut M12 DIN985		40
12	Nut M16 DIN985		12
13	Bolt M12*130 GOST7798		24
14	Bolt M12*140 GOST7798		16
15	Bolt M16*40 GOST7798		12
16	Carabine U-shaped 16x21 DIN82101 Type A		4
17	Embedded element 600 mm assembly	9	7

Picture 51 – Completeness KF907.12

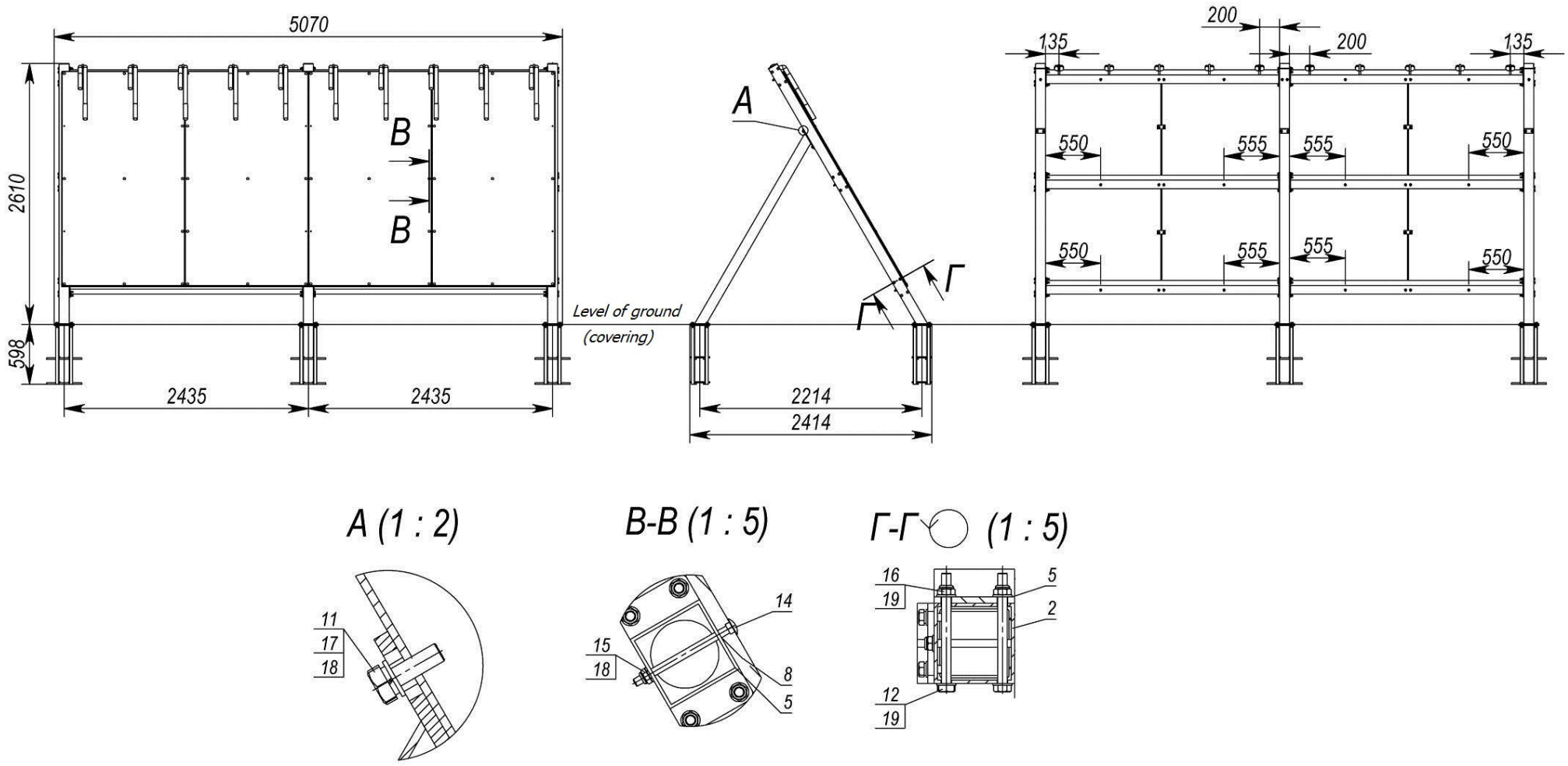


Picture 52 – for KF907.13

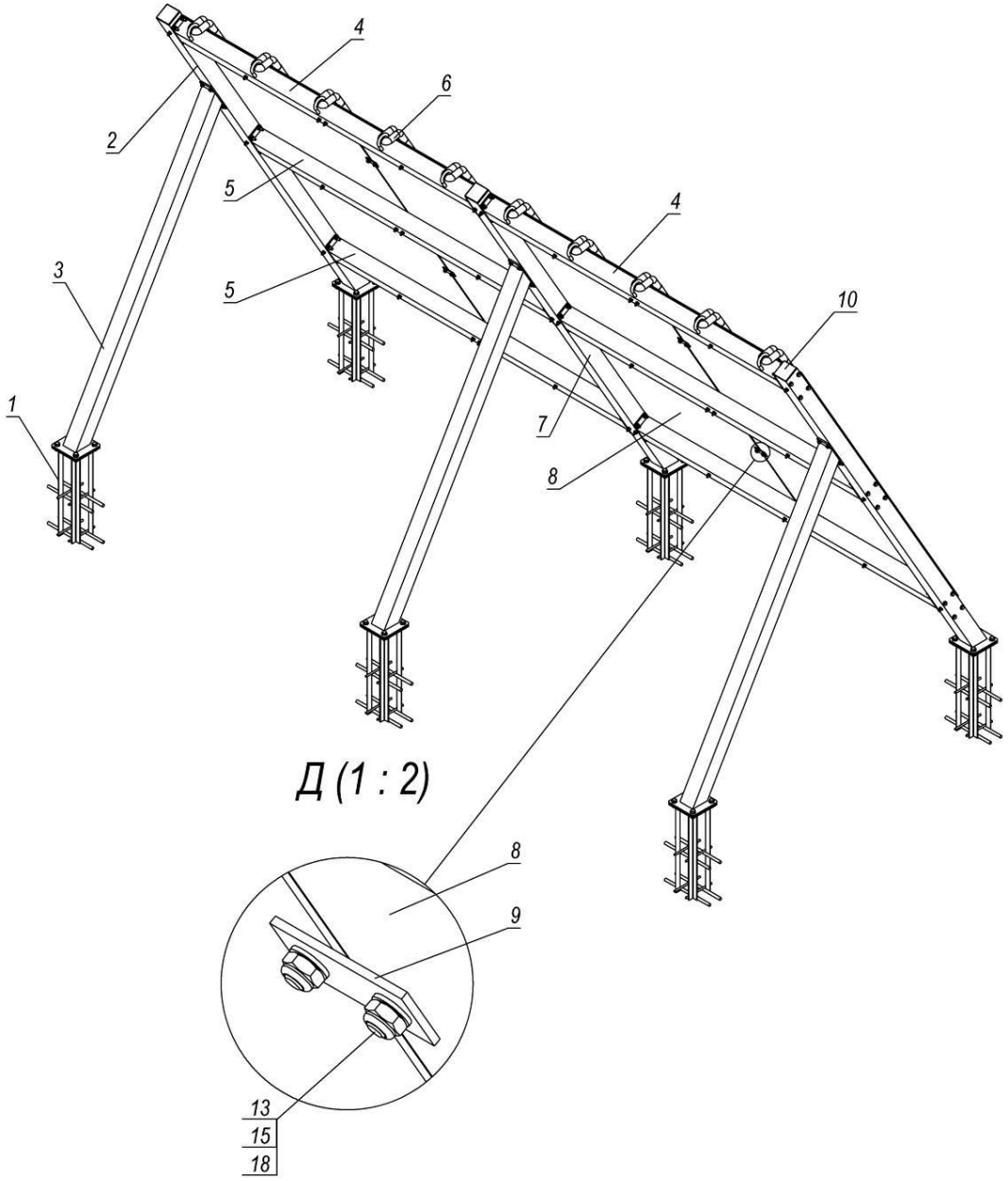


Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	6
2	Binder	38	7
3	Rack 3.0 m	38	4
4	Rack 3.0 m	38	2
5	Site frame	6	12
6	Stairs	19	2
7	Rope	5	2
8	Rope	9	2
9	Platform 18x400x400	2	12
10	Plate		6
11	Clamp M10		6
12	Plug ZK 100x100 (internal)		6
13	Bolt M10*60 GOST7798		8
14	Bolt M12*130 GOST7798		52
15	Bolt M12*140 GOST7798		8
16	Nut M10 DIN985		20
17	Nut M12 DIN985		60
18	Washer 10 GOST11371		28
19	Washer 12 GOST11371		120
20	Screw 5x50 GOST1144-80		96

Picture 53 – Completeness KF907.13

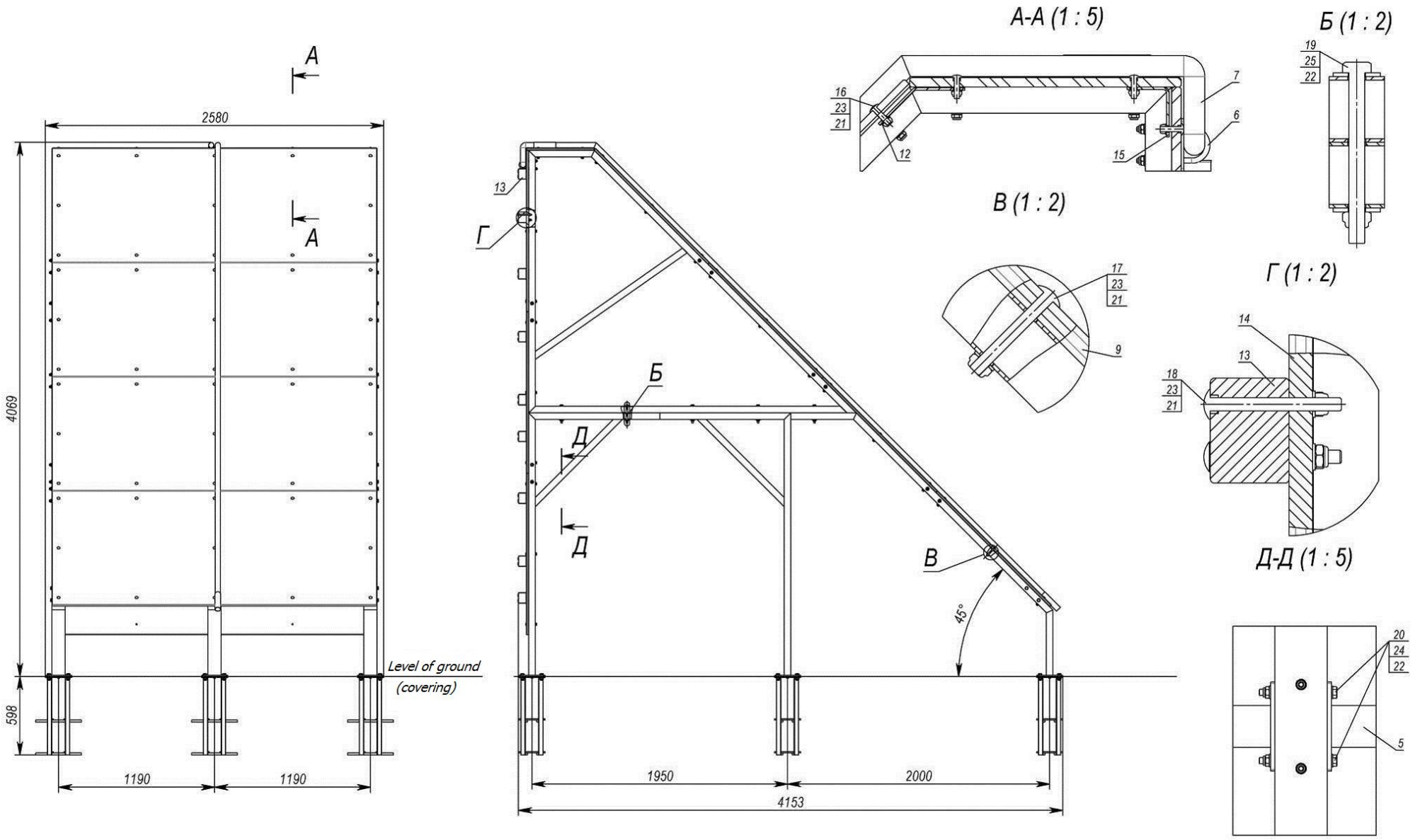


Picture 54 – for KF907.14

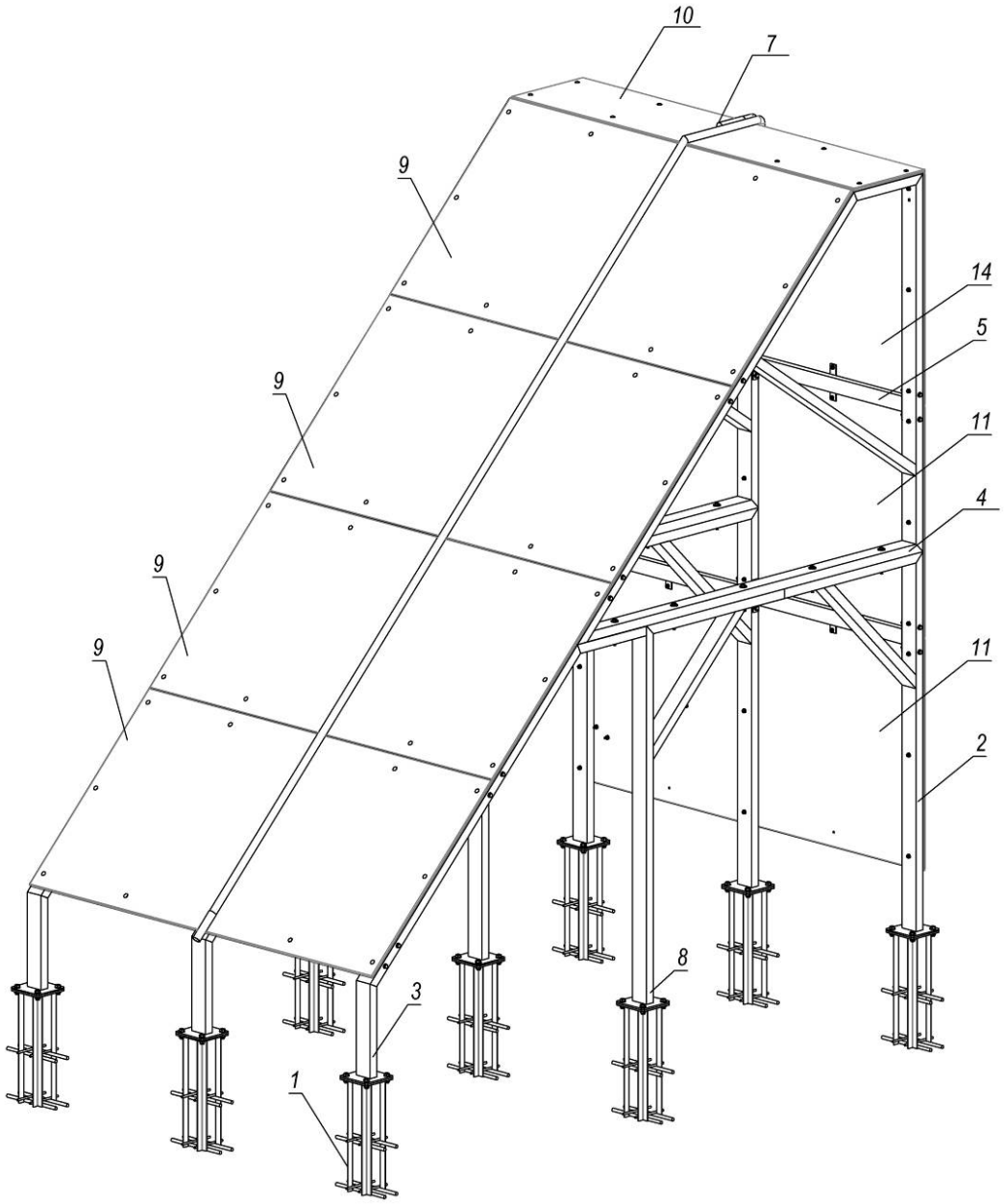


Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	6
2	Inclined rack	38	2
3	Inclined rack support	29	3
4	Binder	29	2
5	Binder	29	4
6	Rope		10
7	Inclined rack	38	1
8	Platform 18x1230x2480	41	4
9	Connector		4
10	Plug ZK 100x100 (internal)		3
11	Bolt M10*30 GOST7798		12
12	Bolt M12*140 GOST7798		36
13	Bolt M10x35 GOST7802		8
14	Bolt M10x140 GOST7802		36
15	Nut M10 DIN985		44
16	Nut M12 DIN985		36
17	Washer 10 GOST6402		12
18	Washer 10 GOST11371		57
19	Washer 12 GOST11371		72

Picture 55 – Completeness KF907.14

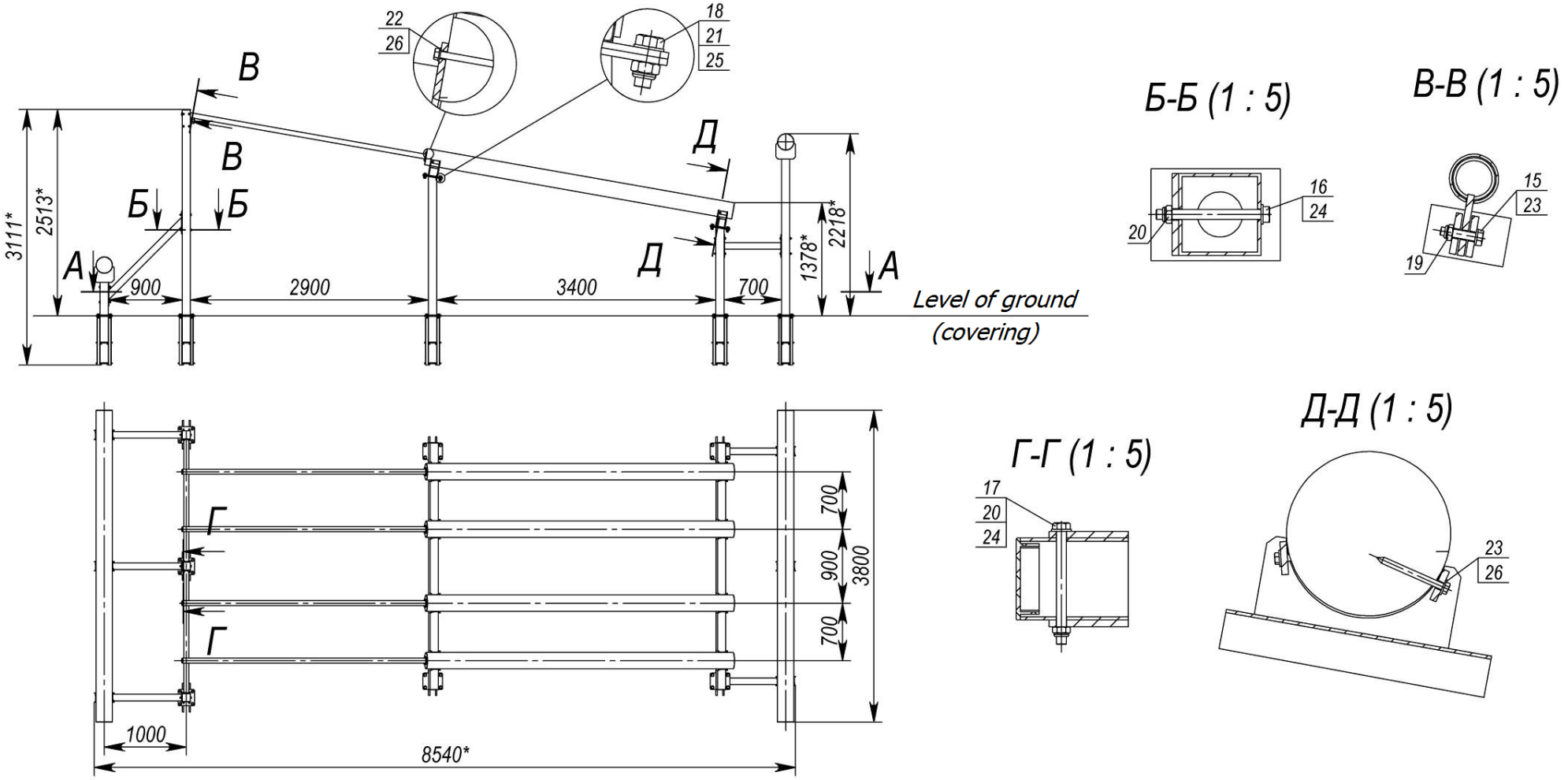


Picture 56 – for KF907.15

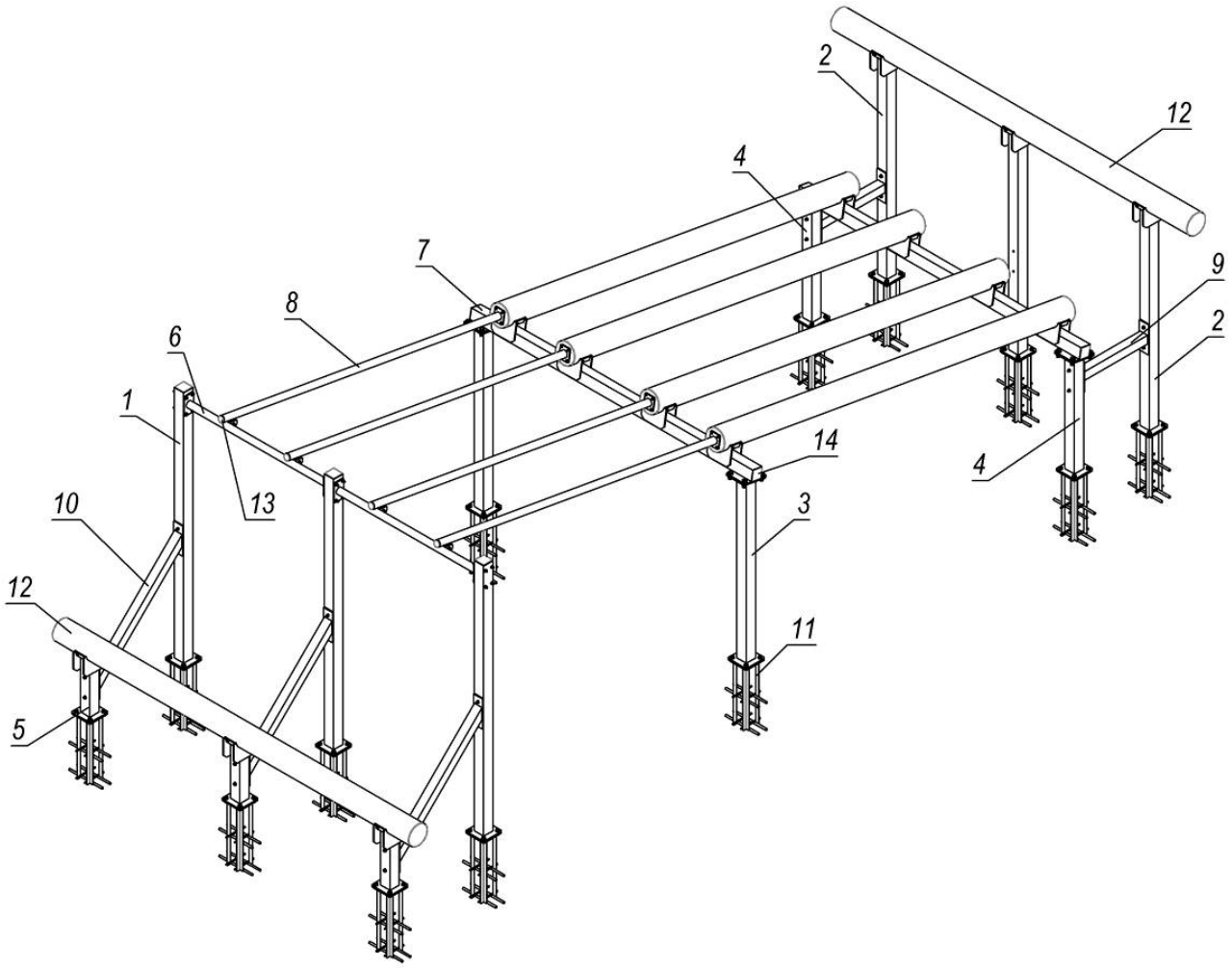


Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	9
2	Welded rack	26	3
3	Support	21	3
4	Frame	55	3
5	Binder	7	12
6	Rope fastening		1
7	Rope	7	1
8	Welded rack (without openings)	26	3
9	Platform 18x1230x2480	41	4
10	Platform 18x518x2480	17	1
11	Platform 18x1230x2480	41	2
12	Angle bar 135 degrees		2
13	Beam		10
14	Platform 18x1230x2480	41	1
15	Angle bar 90 degrees		2
16	Bolt M10x40 GOST7802		30
17	Bolt M10x80 GOST7802		68
18	Bolt M10x100 GOST7802		20
19	Bolt M12*130 GOST7798		39
20	Bolt M12*140 GOST7798		12
21	Nut M10 DIN985		120
22	Nut M12 DIN985		51
23	Washer 10 GOST11371		120
24	Washer 12 GOST11371		72
25	Washer 12 GOST6958		30

Picture 57 – Completeness KF907.15

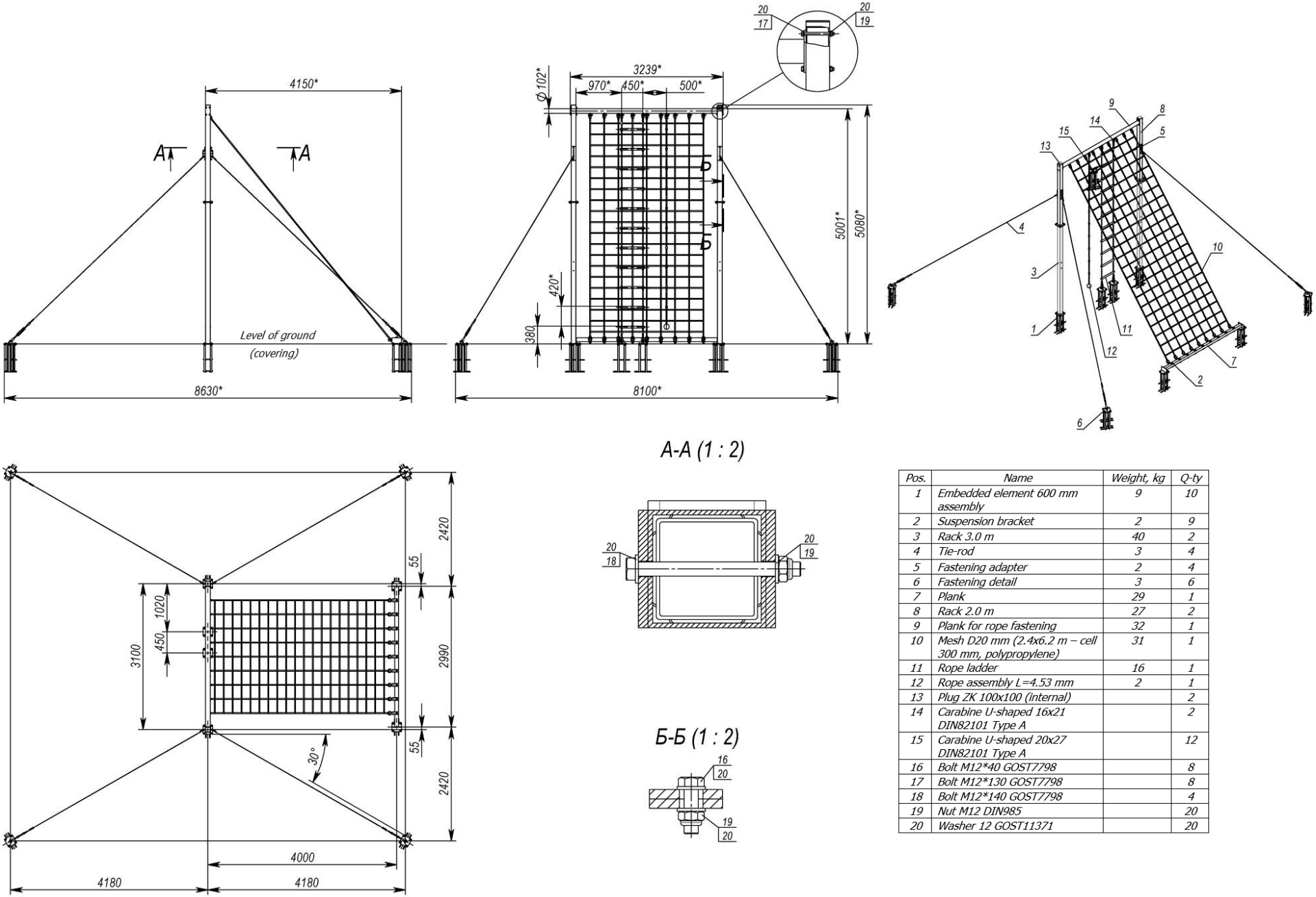


Picture 58 – for KF907.16



Pos.	Name	Weight, kg	Q-ty
1	Rack 2.5 m	32	3
2	Rack 2.4 m	31	3
3	Rack 1.7 m	25	2
4	Rack 1.1 m	18	2
5	Rack 0.5 m	13	3
6	Crossbar D60 L=1500 mm	9	2
7	Plank for balk fastening	60	2
8	Railing	14	4
9	Brace rod	8	2
10	Brace rod	12	3
11	Embedded element 600 mm assembly	9	13
12	Circle L=3800 mm		6
13	Plug D60 R		4
14	Plug ZK 100x100 (internal)		11
15	Bolt M10*45 GOST7798		4
16	Bolt M12*130 GOST7798		28
17	Bolt M12*140 GOST7798		4
18	Bolt M20*50 GOST7798		16
19	Nut M10 DIN985		4
20	Nut M12 DIN985		32
21	Nut M20 DIN985		16
22	Washer 8 GOST11371		36
23	Washer 10 GOST11371		12
24	Washer 12 GOST11371		32
25	Washer 20 GOST611371		16
26	Screw 8x90 GOST11473		44

Picture 59 – Completeness KF907.16

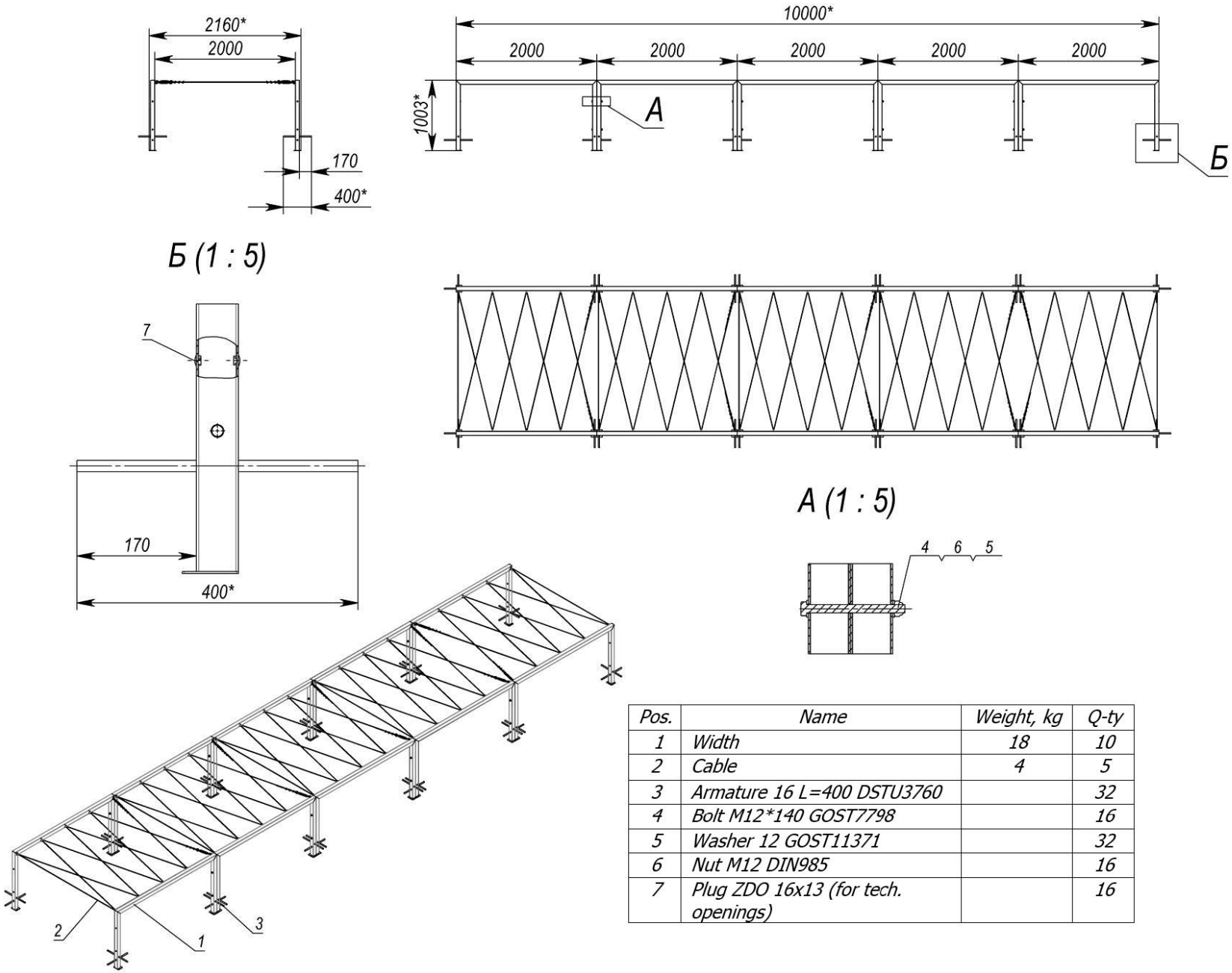


А-А (1 : 2)

Б-Б (1 : 2)

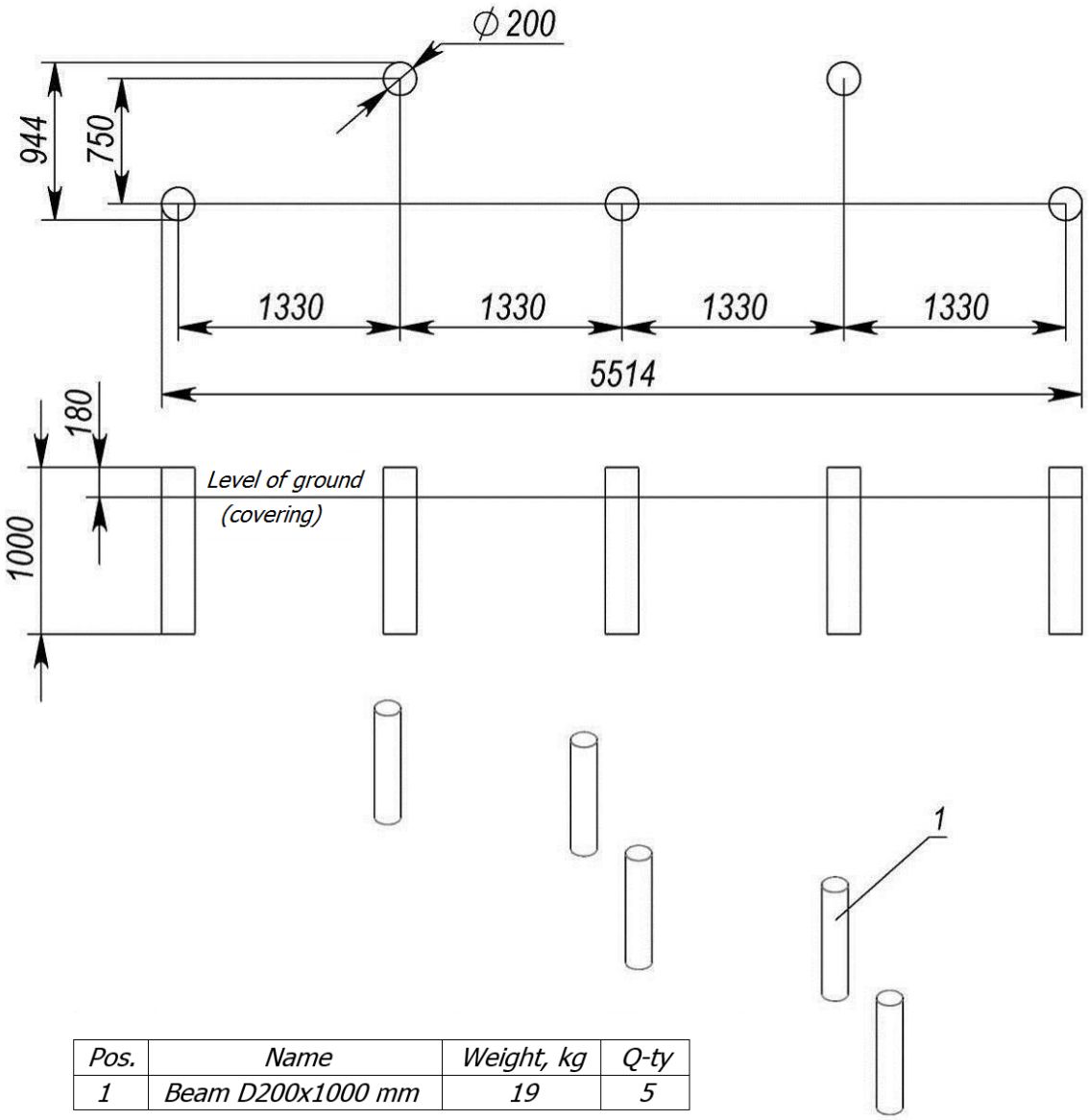
Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	10
2	Suspension bracket	2	9
3	Rack 3.0 m	40	2
4	Tie-rod	3	4
5	Fastening adapter	2	4
6	Fastening detail	3	6
7	Plank	29	1
8	Rack 2.0 m	27	2
9	Plank for rope fastening	32	1
10	Mesh D20 mm (2.4x6.2 m – cell 300 mm, polypropylene)	31	1
11	Rope ladder	16	1
12	Rope assembly L=4.53 mm	2	1
13	Plug ZK 100x100 (internal)		2
14	Carabine U-shaped 16x21 DIN82101 Type A		2
15	Carabine U-shaped 20x27 DIN82101 Type A		12
16	Bolt M12*40 GOST7798		8
17	Bolt M12*130 GOST7798		8
18	Bolt M12*140 GOST7798		4
19	Nut M12 DIN985		20
20	Washer 12 GOST11371		20

Picture 60 – Completeness KF907.17



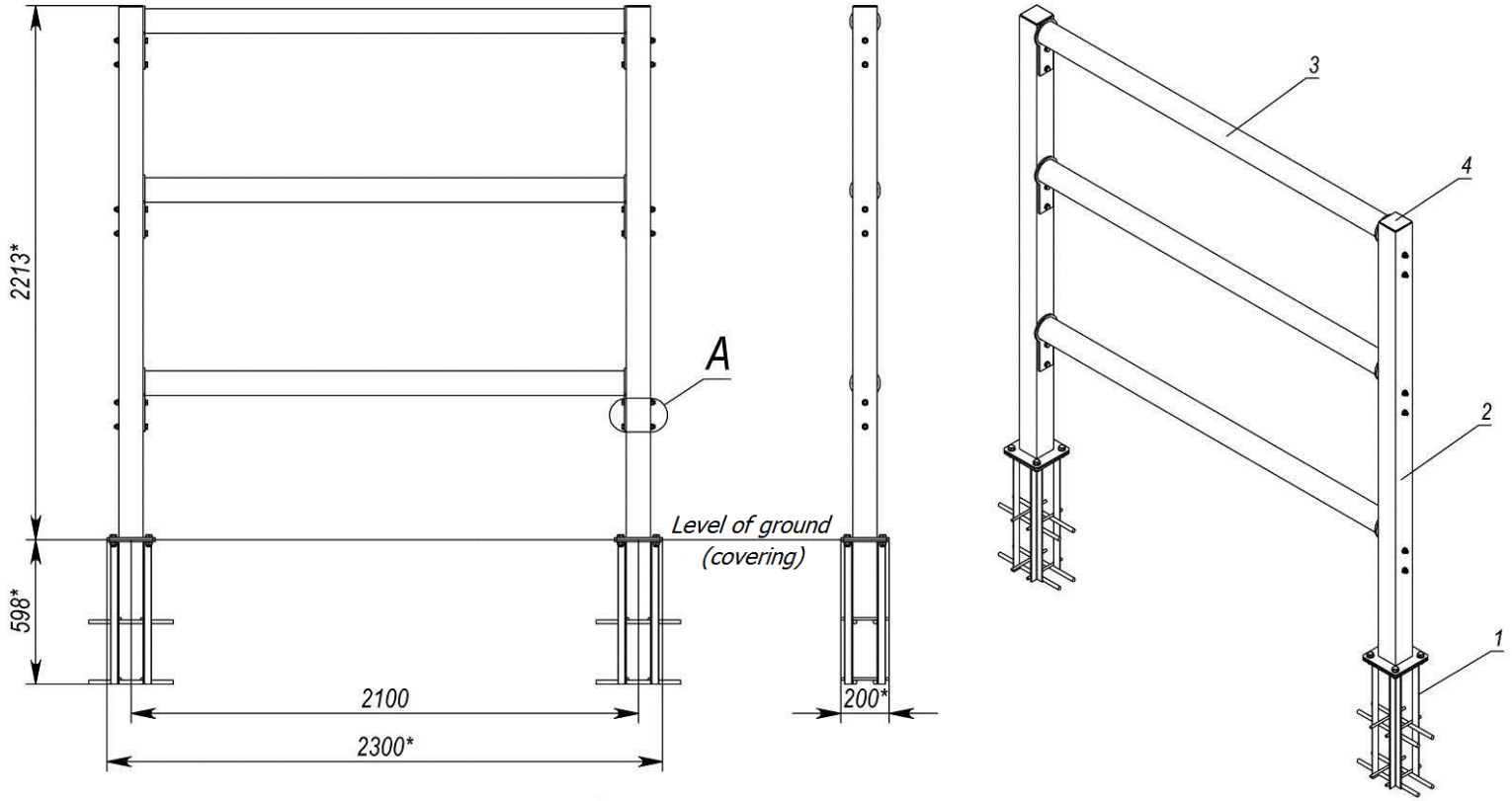
Pos.	Name	Weight, kg	Q-ty
1	Width	18	10
2	Cable	4	5
3	Armature 16 L=400 DSTU3760		32
4	Bolt M12*140 GOST7798		16
5	Washer 12 GOST11371		32
6	Nut M12 DIN985		16
7	Plug ZDO 16x13 (for tech. openings)		16

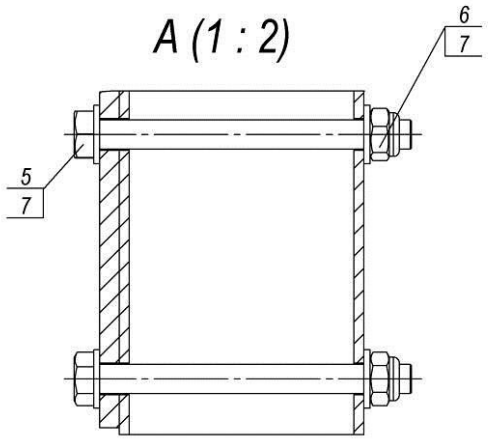
Picture 61 – Completeness KF907.18



Pos.	Name	Weight, kg	Q-ty
1	Beam D200x1000 mm	19	5

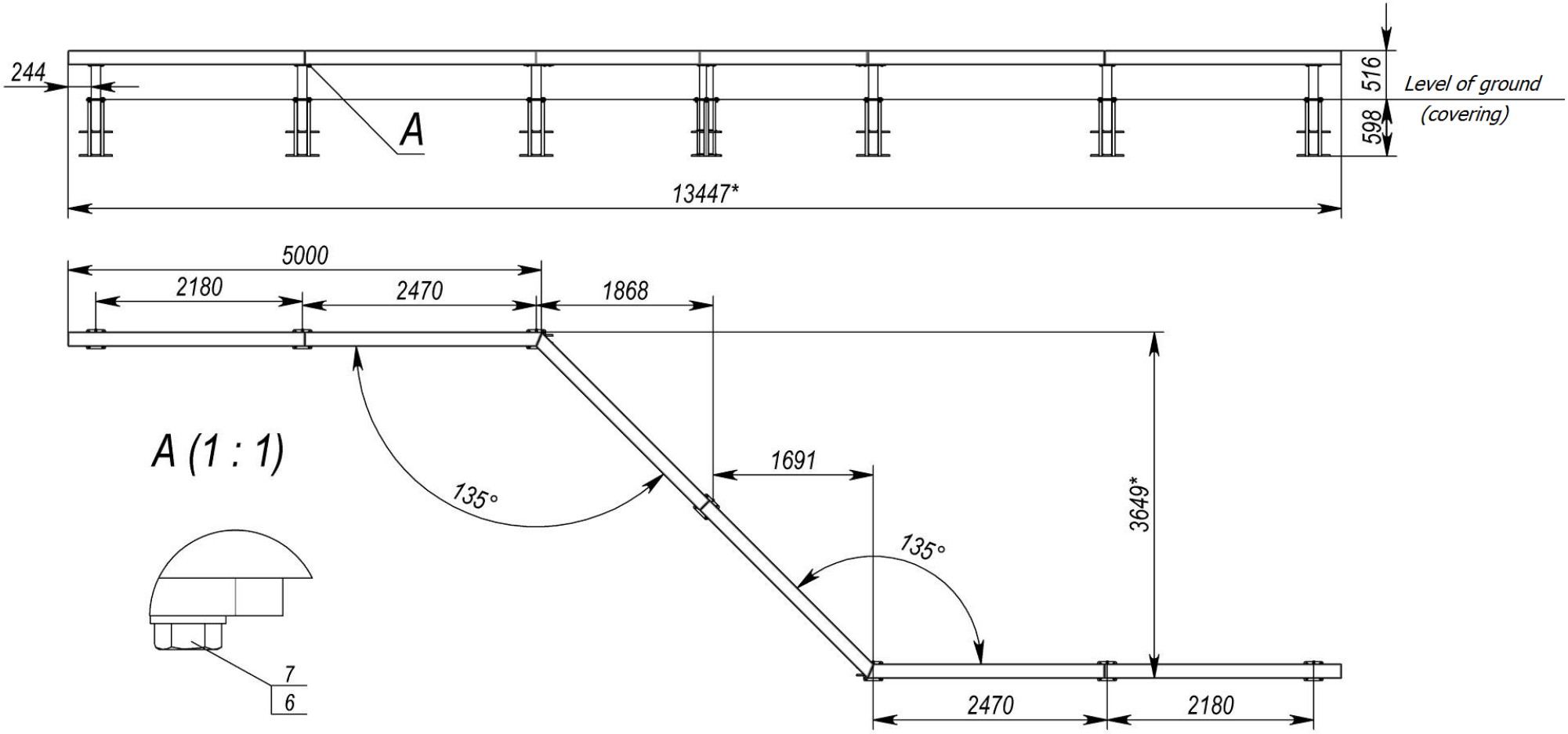
Picture 62 – Completeness KF907.19



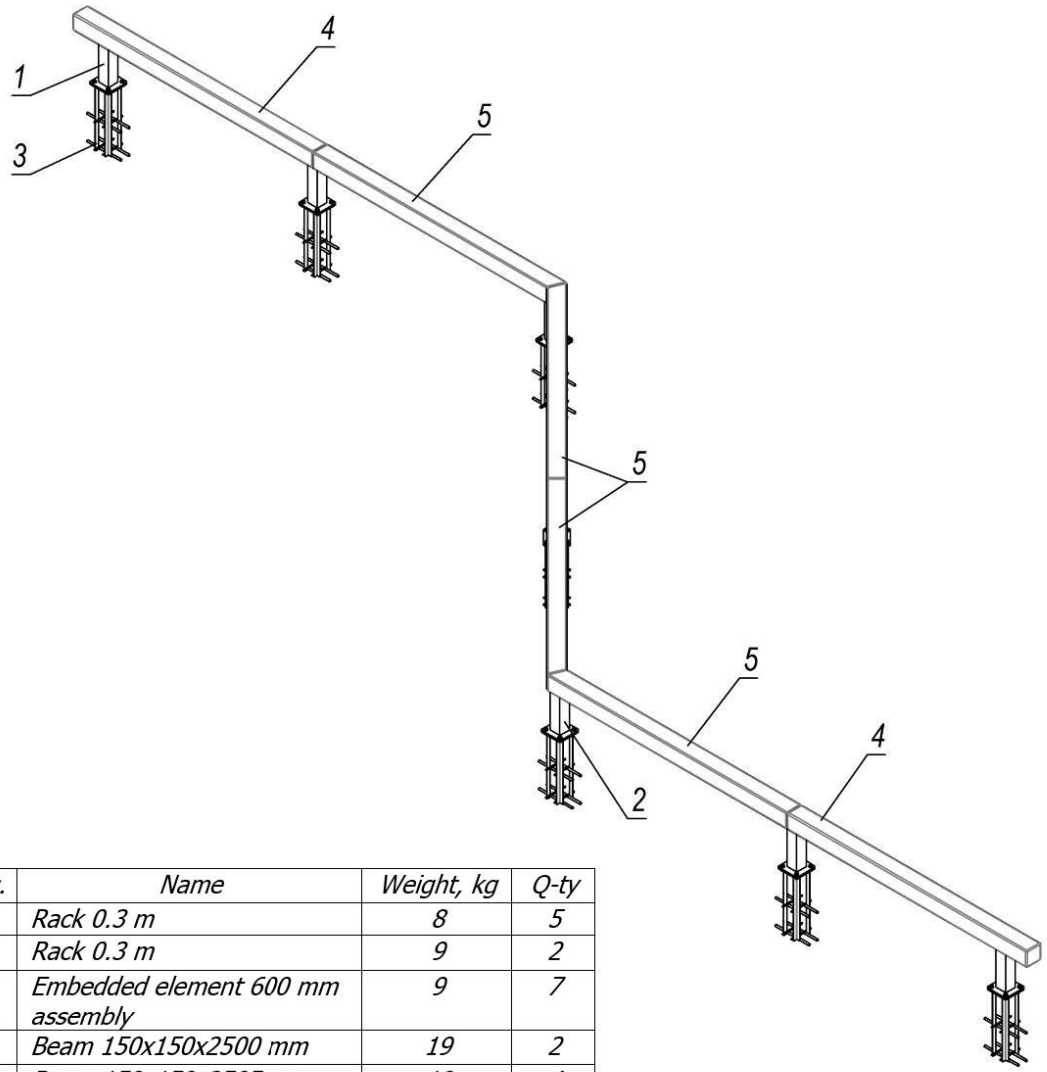


Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	2
2	Rack 2.2 m	29	2
3	Crossbar 2.0 m	21	3
4	Plug ZK 100x100 (internal)		2
5	Bolt M12*130 GOST7798		12
6	Nut M12 DIN985		12
7	Washer 12 GOST11371		24

Picture 63 – Completeness KF907.20

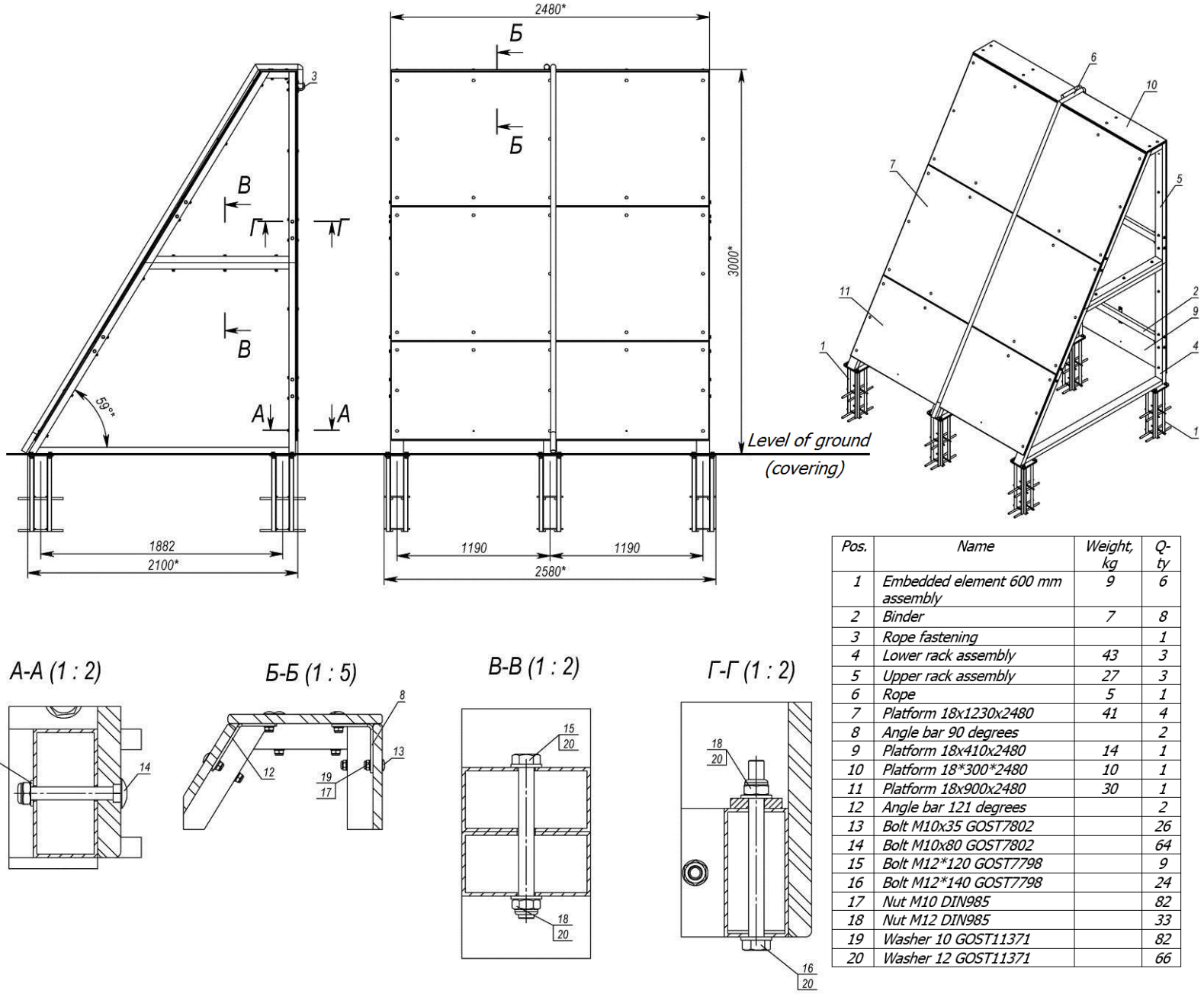


Picture 64 – for KF907.21



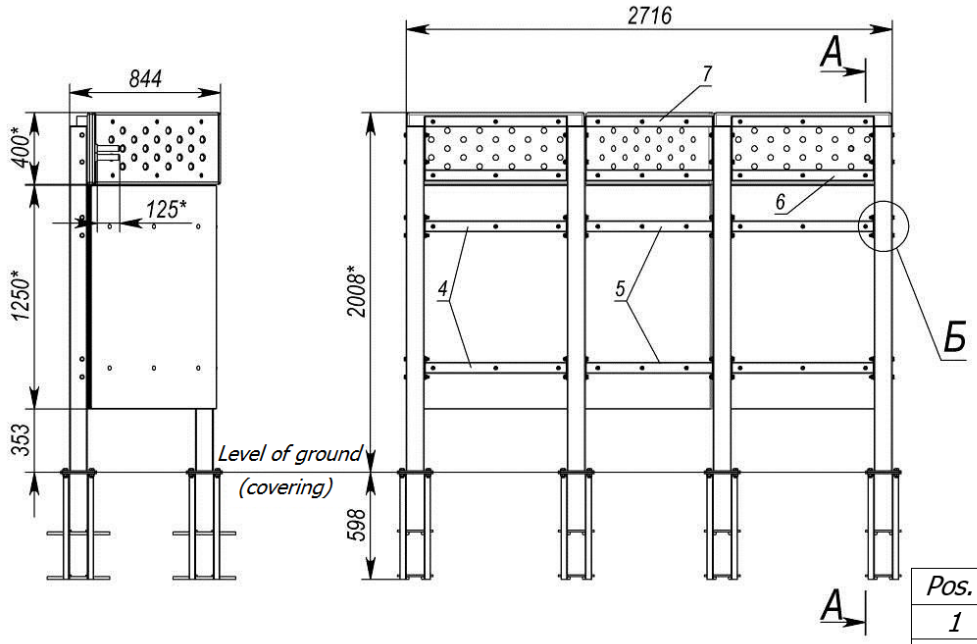
Pos.	Name	Weight, kg	Q-ty
1	Rack 0.3 m	8	5
2	Rack 0.3 m	9	2
3	Embedded element 600 mm assembly	9	7
4	Beam 150x150x2500 mm	19	2
5	Beam 150x150x2505 mm	19	4
6	Washer 8 GOST11371		28
7	Screw 8x90 GOST11473		28

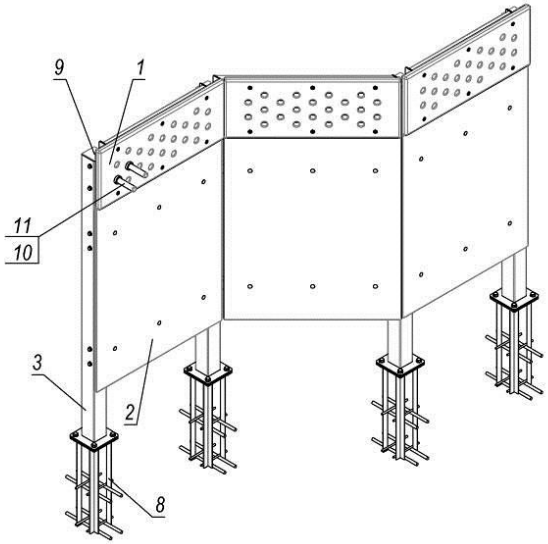
Picture 65 – Completeness KF907.21

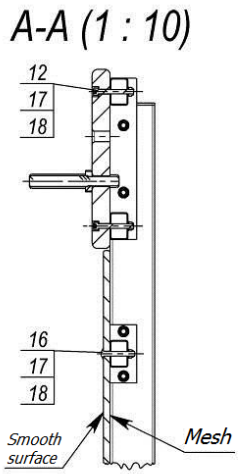


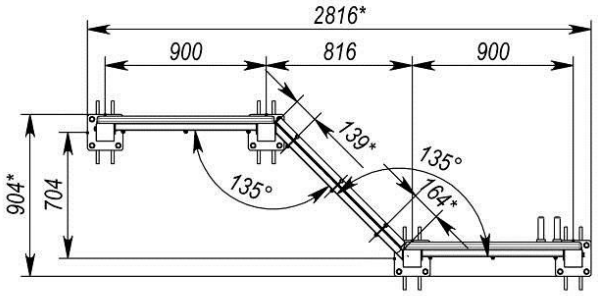
Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	6
2	Binder	7	8
3	Rope fastening		1
4	Lower rack assembly	43	3
5	Upper rack assembly	27	3
6	Rope	5	1
7	Platform 18x1230x2480	41	4
8	Angle bar 90 degrees		2
9	Platform 18x410x2480	14	1
10	Platform 18*300*2480	10	1
11	Platform 18x900x2480	30	1
12	Angle bar 121 degrees		2
13	Bolt M10x35 GOST7802		26
14	Bolt M10x80 GOST7802		64
15	Bolt M12*120 GOST7798		9
16	Bolt M12*140 GOST7798		24
17	Nut M10 DIN985		82
18	Nut M12 DIN985		33
19	Washer 10 GOST11371		82
20	Washer 12 GOST11371		66

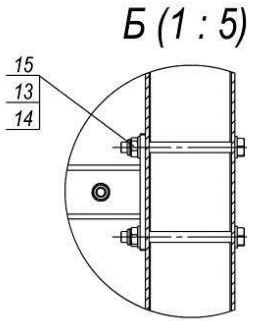
Picture 66 – Completeness KF907.22





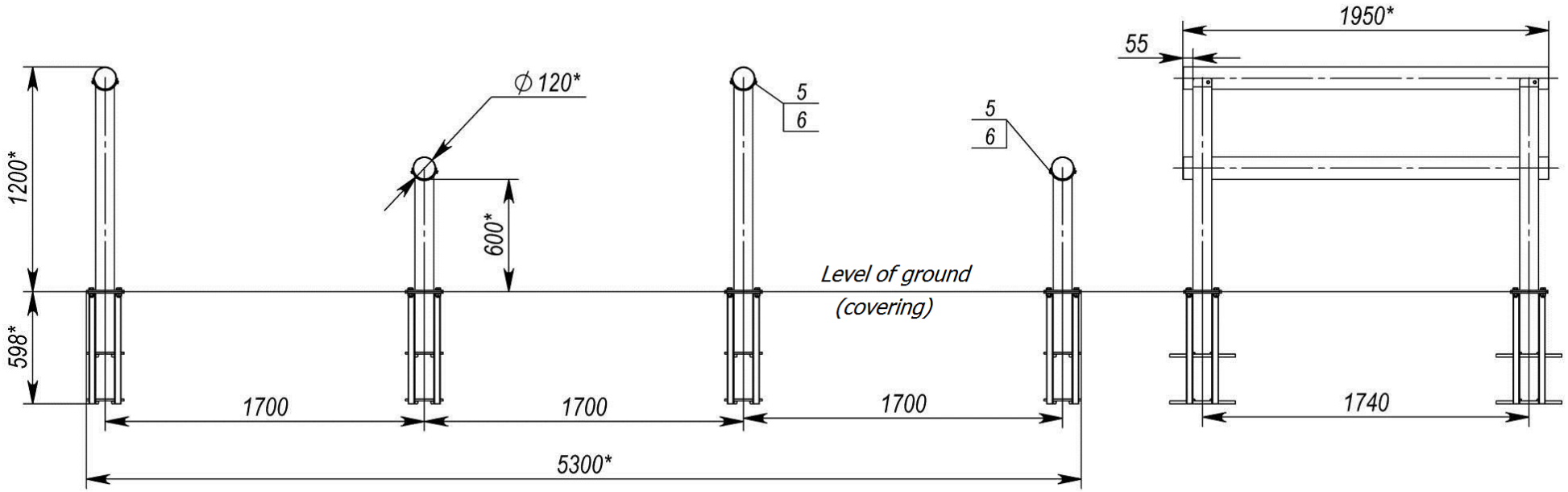


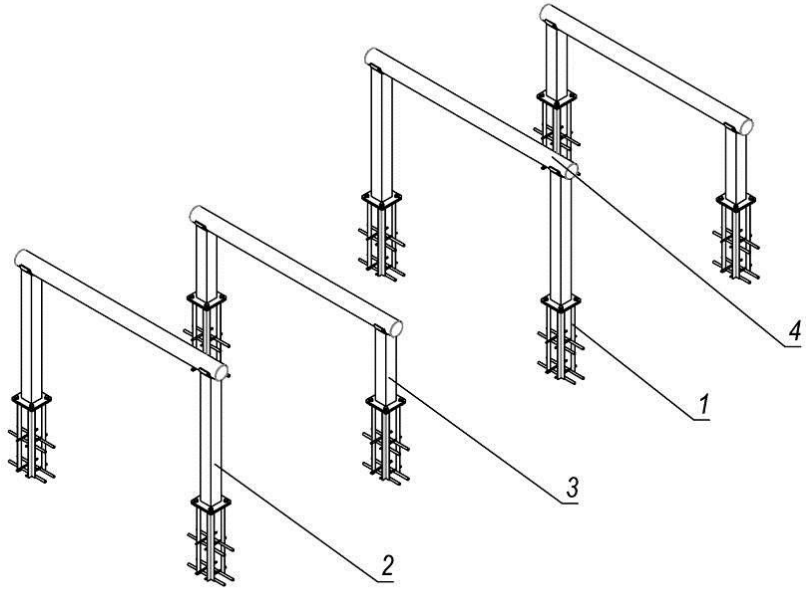




Pos.	Name	Weight, kg	Q-ty
1	Pegboard 990x400	11	3
2	Plywood 15x995x1250	14	3
3	Rack 1995 mm	25	4
4	Crossbar	3	4
5	Crosspiece 45 degrees	4	2
6	Crosspiece	7	2
7	Crosspiece 45 degrees double	8	1
8	Embedded element 600 mm assembly	9	4
9	Plug ZK 100x100 (internal)		4
10	Buffer (D=28)		2
11	Handle D32-d29-L200 mm		2
12	Stud M10*80 GOST11738		18
13	Washer 12 GOST11371		48
14	Bolt M12*130 GOST7798		24
15	Nut M12 DIN985		24
16	Bolt M10*70 GOST7802		18
17	Washer 10 GOST11371		54
18	Nut M10 DIN985		36

Picture 67 – Completeness KF907.23

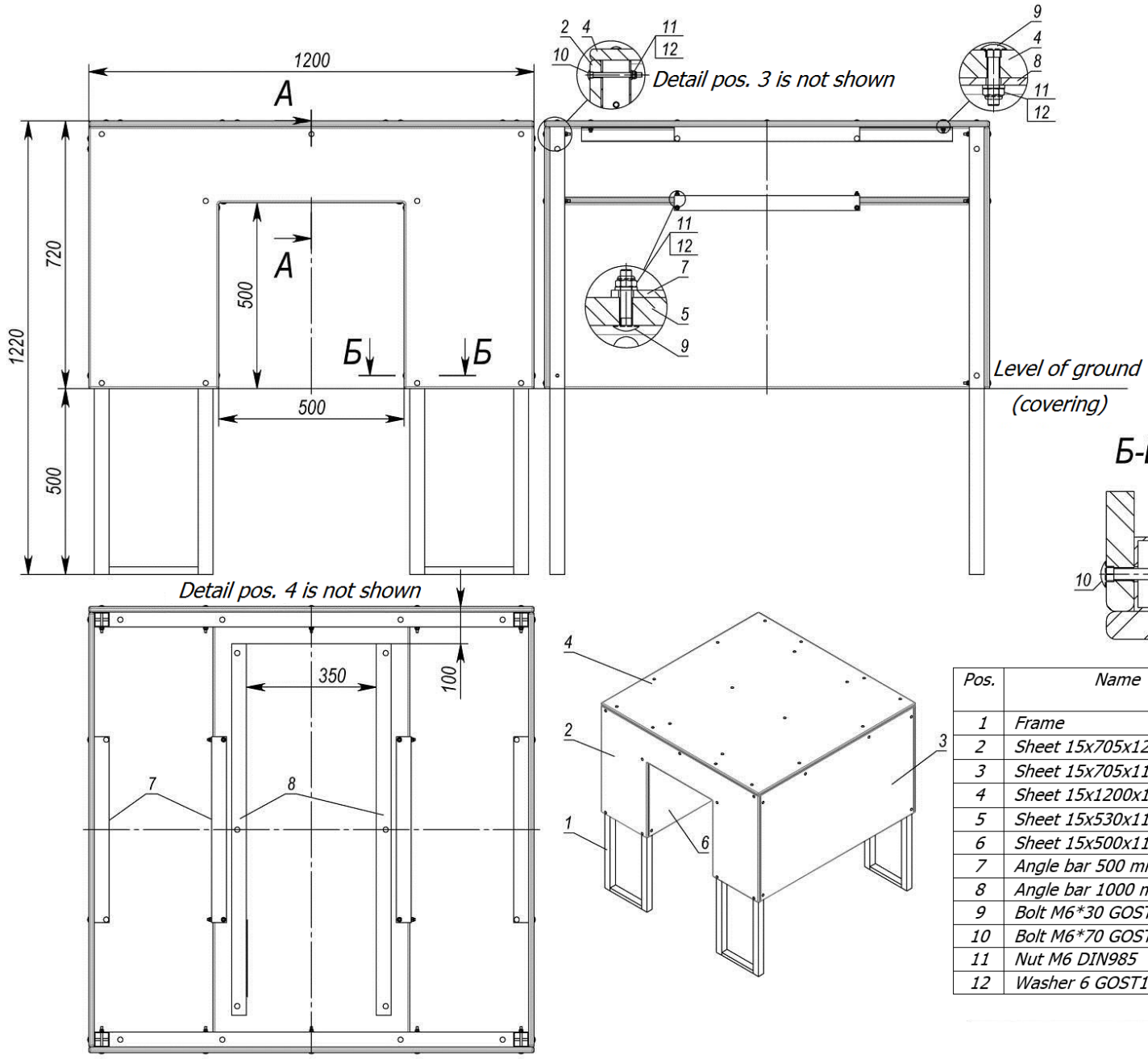




Drill holes with a diameter of 5 mm for screws (pos. 6) at site during assembly.

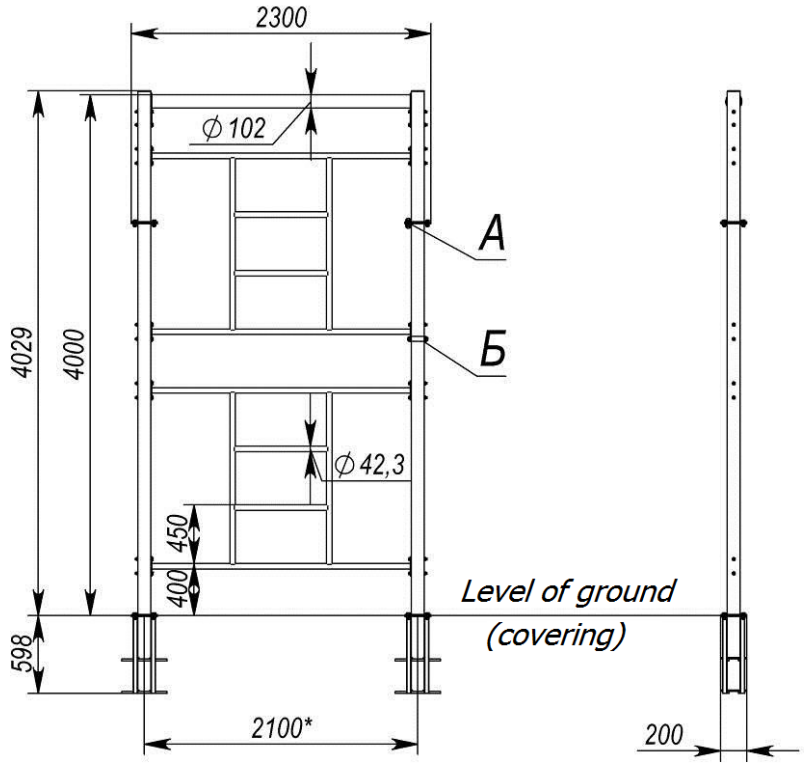
Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	8
2	Rack 1140 mm	16	4
3	Rack 660 mm	10	4
4	Beam D120x1950 mm	13	4
5	Washer 8 GOST11371		16
6	Screw 8x50 GOST11473		16

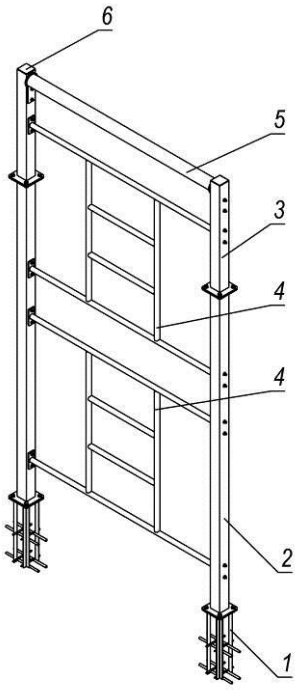
Picture 68 – Completeness KF907.24



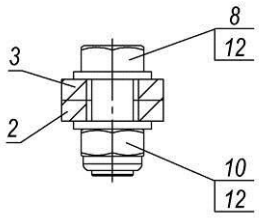
Pos.	Name	Weight, kg	Q-ty
1	Frame	17	2
2	Sheet 15x705x1200 mm	7	2
3	Sheet 15x705x1170 mm	9	2
4	Sheet 15x1200x1200 mm	16	1
5	Sheet 15x530x1170 mm	7	1
6	Sheet 15x500x1170 mm	7	2
7	Angle bar 500 mm	1	4
8	Angle bar 1000 mm	2	2
9	Bolt M6*30 GOST7802		22
10	Bolt M6*70 GOST7802		44
11	Nut M6 DIN985		66
12	Washer 6 GOST11371		66

Picture 69 – Completeness KF907.25





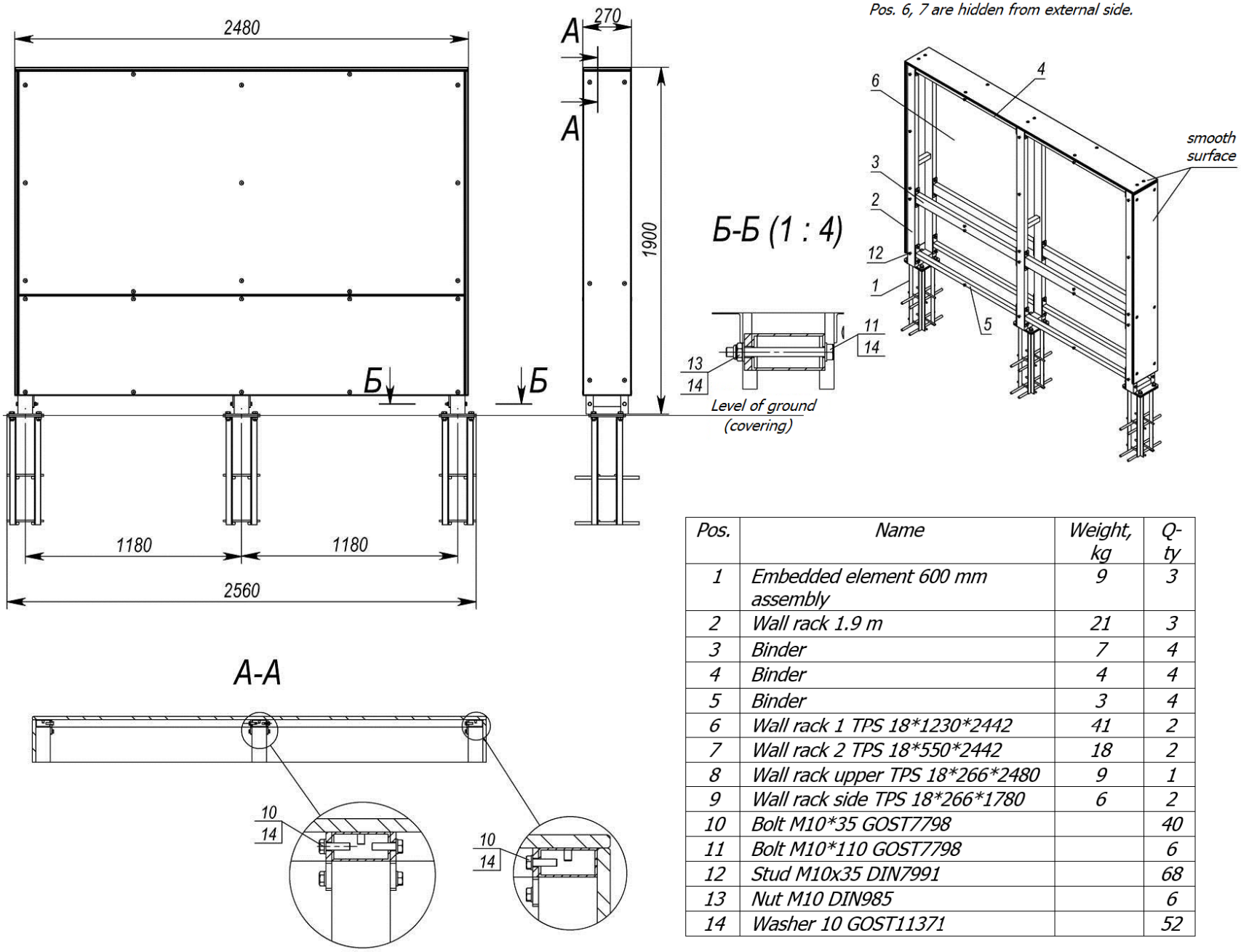
А (1 : 2)



Б (1 : 2)

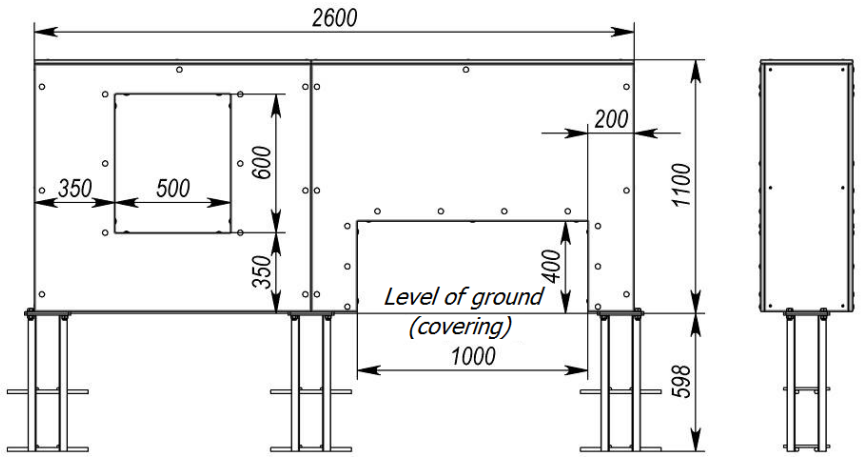
Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	2
2	Rack 3.0 m	41	2
3	Rack 1.0 m	14	2
4	Ladder section	24	2
5	Crossbar 2.0 m	21	1
6	Plug ZK 100x100 (internal)		2
7	Bolt M12*130 GOST7798		20
8	Bolt M16*40 GOST7798		8
9	Nut M12 DIN985		20
10	Nut M16 DIN985		8
11	Washer 12 GOST11371		40
12	Washer 16 GOST11371		16

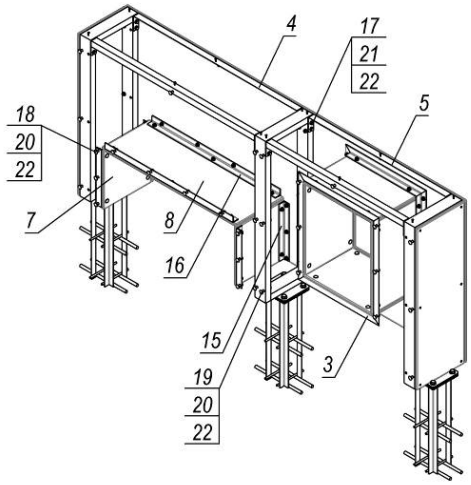
Picture 70 – Completeness KF907.26

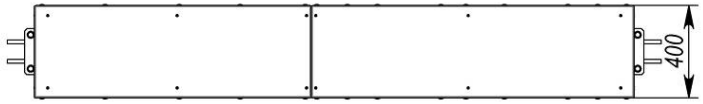


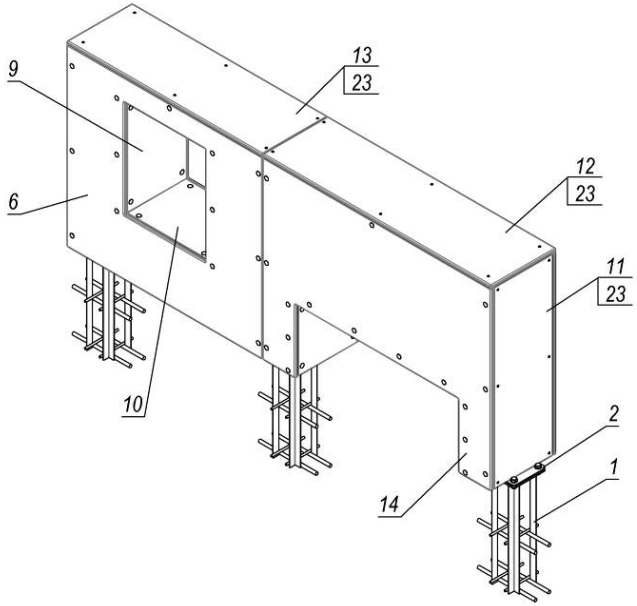
Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	3
2	Wall rack 1.9 m	21	3
3	Binder	7	4
4	Binder	4	4
5	Binder	3	4
6	Wall rack 1 TPS 18*1230*2442	41	2
7	Wall rack 2 TPS 18*550*2442	18	2
8	Wall rack upper TPS 18*266*2480	9	1
9	Wall rack side TPS 18*266*1780	6	2
10	Bolt M10*35 GOST7798		40
11	Bolt M10*110 GOST7798		6
12	Stud M10x35 DIN7991		68
13	Nut M10 DIN985		6
14	Washer 10 GOST11371		52

Picture 71 – Completeness KF907.27









Pos.	Name	Weight, kg	Q-ty
1	Embedded element 600 mm assembly	9	3
2	Rack	17	3
3	Window frame	6	2
4	Long binder	3	2
5	Short binder	3	2
6	Wall of the upper opening	13	2
7	Plywood 18*364*392 mm	2	2
8	Plywood 18*364*1030 mm	5	1
9	Plywood 18*370*600 mm	3	2
10	Plywood 18*370*536 mm	3	2
11	Plywood 18*364*1074 mm	5	2
12	Plywood 18*400*1400 mm	8	1
13	Plywood 18*400*1200 mm	8	1
14	Wall of the lower opening	15	2
15	Angle bar L= 380 mm		4
16	Angle bar L= 980 mm		2
17	Bolt M10*25 GOST7798		16
18	Bolt M10*35 GOST7802		66
19	Bolt M10*70 GOST7802		24
20	Nut M10 DIN985		90
21	Washer 10 GOST6402		16
22	Washer 10 GOST11371		106
23	Screw with drill 4.8x32 DIN7504P		24

Picture 72 – Completeness KF907.28