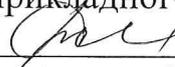




ЭЛЕКТРОЩИТ САМАРА

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443048, Россия, г. Самара, пос. Красная Глинка,
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УТВЕРЖДАЮ
Директор департамента
прикладного инжиниринга
 С.А. Тягнирядно
« 7 » - 03 2018 г.

Подстанция комплектная
трансформаторная
блочная модернизированная марки СЭЩ
на напряжение 110 кВ
по развитым схемам

Техническое описание и инструкция
по монтажу и эксплуатации
ОГК.412.086 Т04

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К.С.
 Александр
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http://www.electroshield.ru/komplektnye_transformatornye_podstancii_bktp

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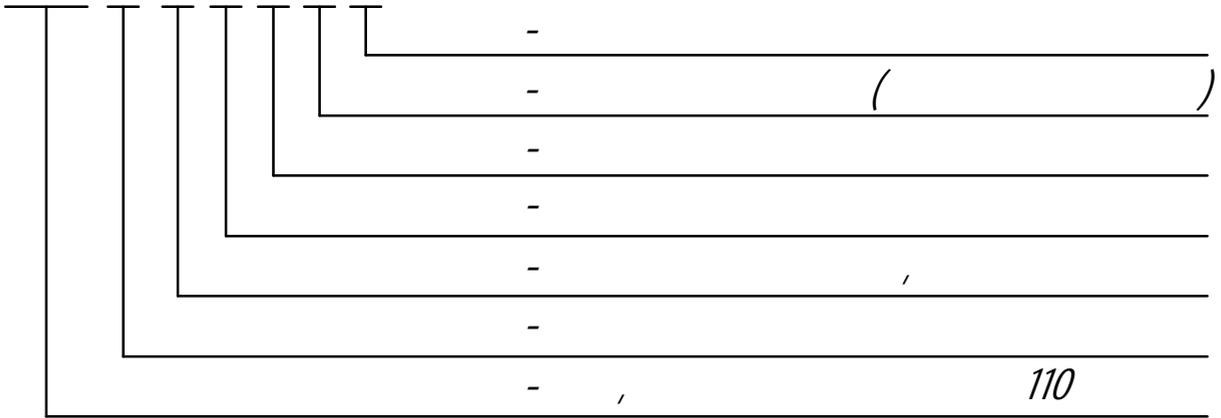
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4 Комплектность поставки

4.1 КТП СЭЩ Б(М) поставляются ЗАО "ГК "Электроцит" – ТМ Самара" комплектно в виде блоков и укрупненных узлов, подготовленных к монтажу.

4.2 В комплект поставки КТП СЭЩ Б(М) входят:

- блоки с электрическими аппаратами;
- установки выключателей;
- гибкая ошиновка;
- жесткие шины;
- осветительные установки;
- подвесные кабельные конструкции;
- молниеприемники;
- металлоконструкции блоков в. ч. связи;
- металлические траверсы порталов;
- запасные части, приспособления и принадлежности.

4.3 В каждом конкретном случае комплект поставки определяется отгрузочной спецификацией – комплекточной ведомостью, составленной на основании опросного листа на КТП СЭЩ Б(М) и заказных спецификаций.

4.4 В комплект поставки КТП СЭЩ Б(М) не входят:

- силовые и контрольные кабели;
- ящики вторичных устройств типа ЯЭН, ЯЭВ, ЯОВ;
- оборудование, аппаратура и кабель в. ч. связи и телемеханики;
- натяжные и поддерживающие гирлянды и провода гибкой ошиновки, монтируемой на вводных порталах;
- элементы контура заземления;
- трубы для прокладки кабелей;
- сборные железобетонные элементы.

4.5 С каждой подстанцией, поставляемой комплектно с оборудованием, изготовитель КТП СЭЩ Б(М) отправляет объем документации, в соответствии с СТО 15356352-057-2011.

4.6. В комплект документации, разрабатываемой проектной организацией при привязке, должны входить:

- чертеж общего вида подстанции;
- опросный лист;
- генплан и план фундаментов, включая подземное хозяйство;
- главная схема электрических соединений;
- схемы вторичных соединений;
- схемы внешних соединений;
- план раскладки кабельных конструкций по подстанции и кабелей;
- кабельный журнал силовых и контрольных кабелей;
- чертежи грозозащиты и заземления;
- заказные спецификации на оборудование и материалы, не входящие в комплектную поставку с КТП СЭЩ Б(М).

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5 Маркировка

5.1 Отдельные элементы, входящие в комплект поставки завода (металлоконструкции, шины и др.) имеют нанесенные несмываемой краской надписи обозначений или марок.

5.2 Ящики с демонтированными элементами имеют упаковочные листы с перечнем содержимого.

6 Упаковка и транспортирование

6.1 Упаковка элементов осуществляется в сплошные и решетчатые ящики, специальные транспортные пакеты и связки.

6.1.1 Блоки с высоковольтными аппаратами и оборудованием приводятся в транспортное положение и собираются в пакеты по 2 или 4 шт. (см. приложение А).

6.1.2 Изоляторы и высоковольтное оборудование упаковываются в сплошные или решетчатые ящики.

6.1.3 Жесткая ошиновка и гибкая ошиновка с опрессованными и неопрессованными аппаратными зажимами упаковываются в ящики.

6.1.4 Элементы осветительных установок и кабельных конструкций упаковываются в решетчатые или сплошные ящики. Крупногабаритные элементы увязываются в транспортные связки.

6.1.5 Металлоконструкции отдельных блоков, порталов, молниеотводов и другие крупногабаритные элементы не упаковываются, а отгружаются связками по несколько штук либо поштучно.

6.2 Для защиты от атмосферной коррозии при транспортировании и хранении перед упаковкой болтовые соединения, контактные и трущиеся поверхности элементов подвергаются консервации смазкой ЦИАТИМ-201.

6.3 Элементы КТП СЭЩ Б(М) 110 кВ могут транспортироваться железнодорожным, автомобильным и водным транспортом.

6.4 При перевозке элементов следует соблюдать предосторожности, принимаемые при транспортировке крупных бьющихся грузов.

6.5 До монтажа элементы должны храниться на специально отведенных площадках или под навесом для предотвращения возможных повреждений.

6.6 Срок действия консервации и необходимость переконсервации высоковольтных аппаратов определяется руководствами по монтажу и эксплуатации на это оборудование.

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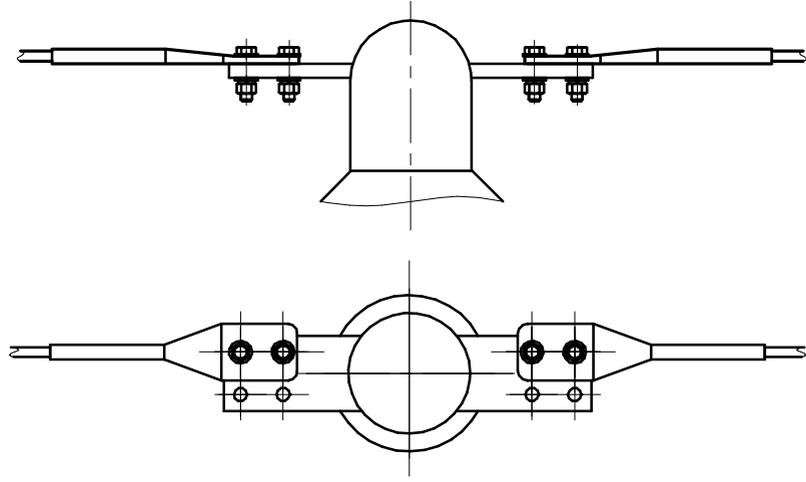
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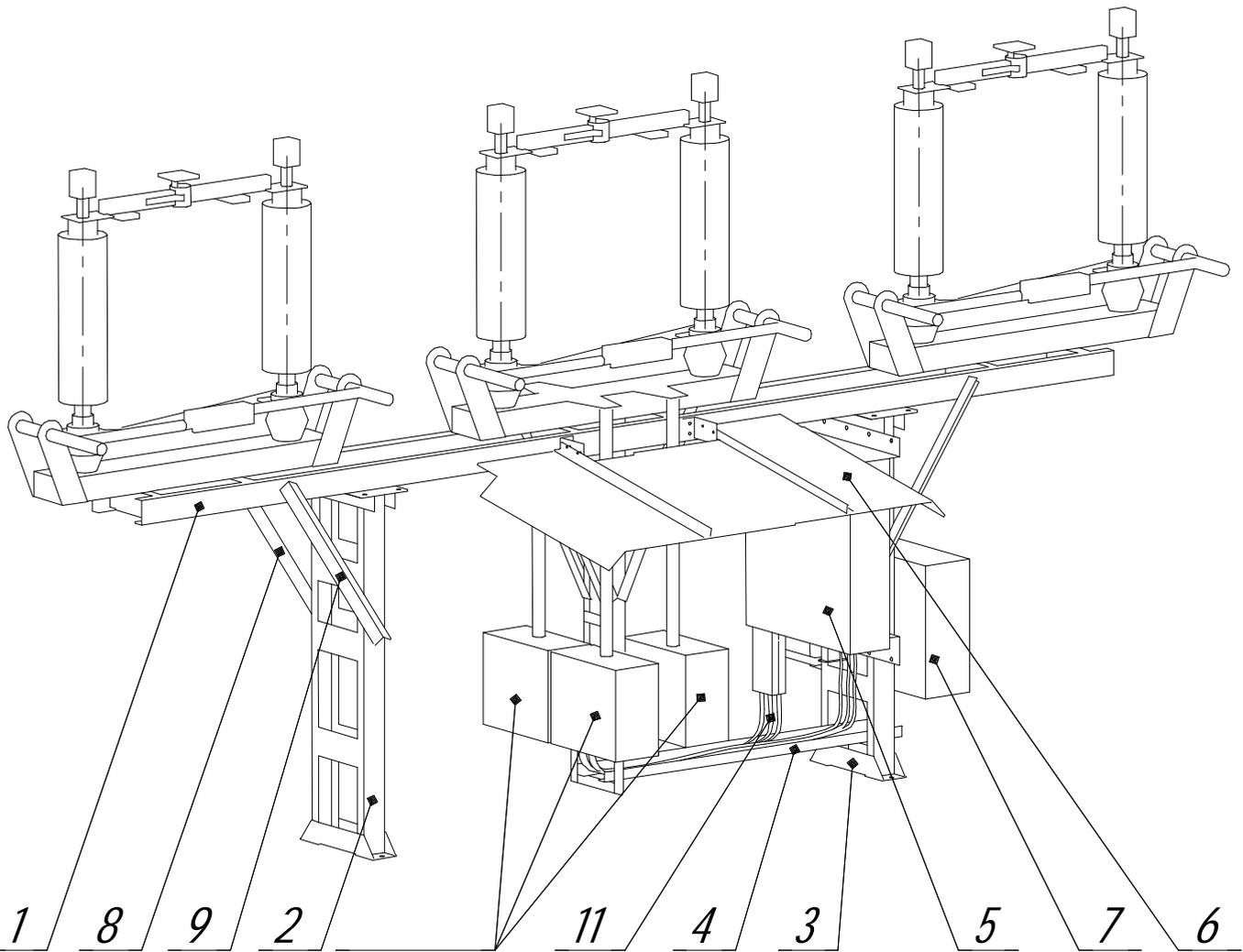
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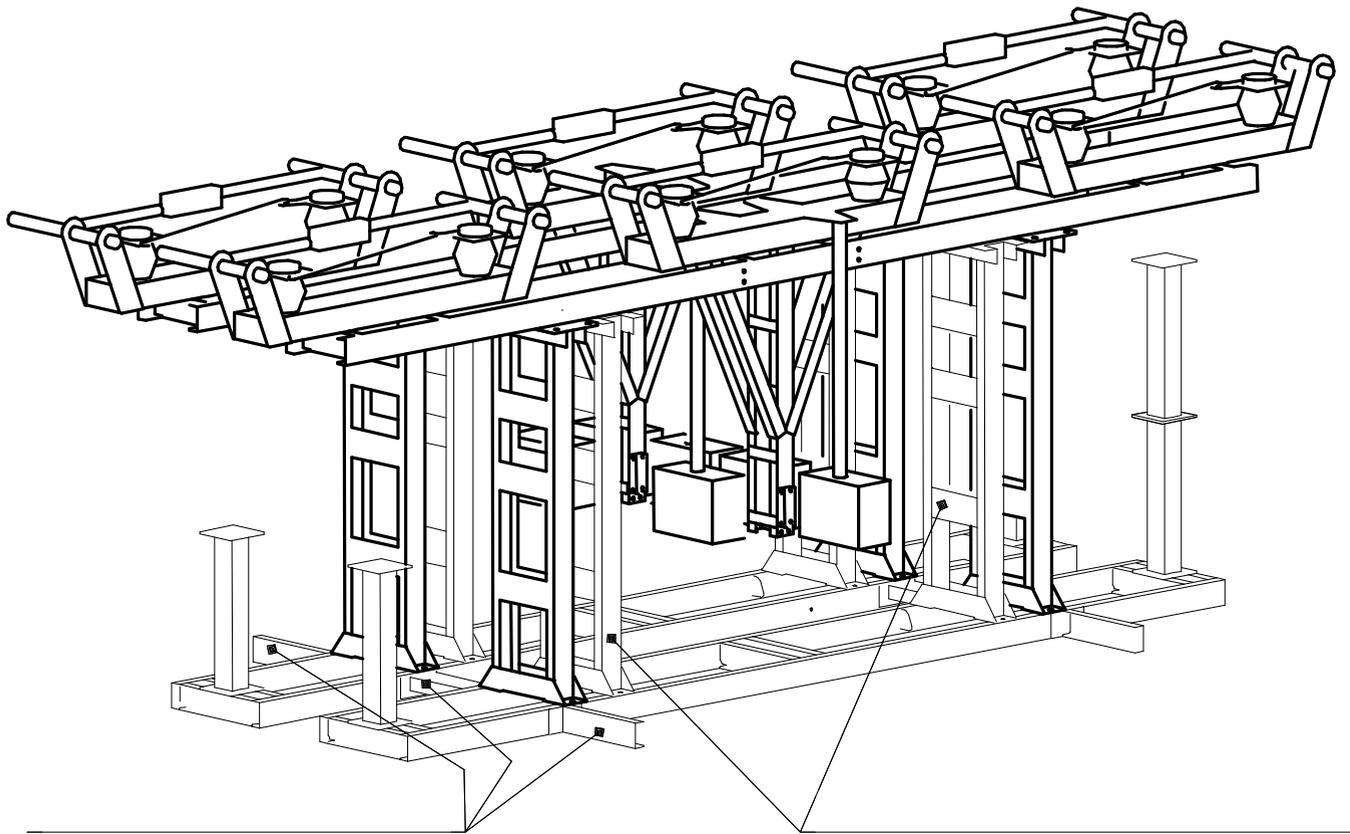
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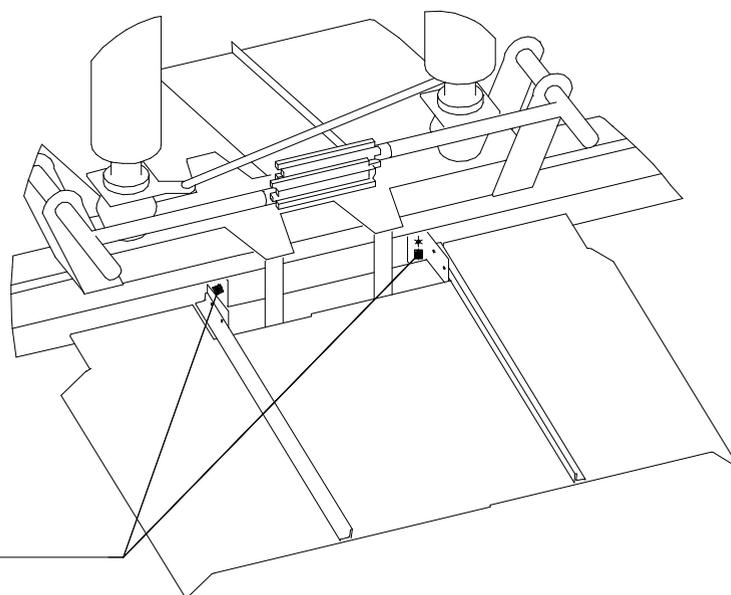
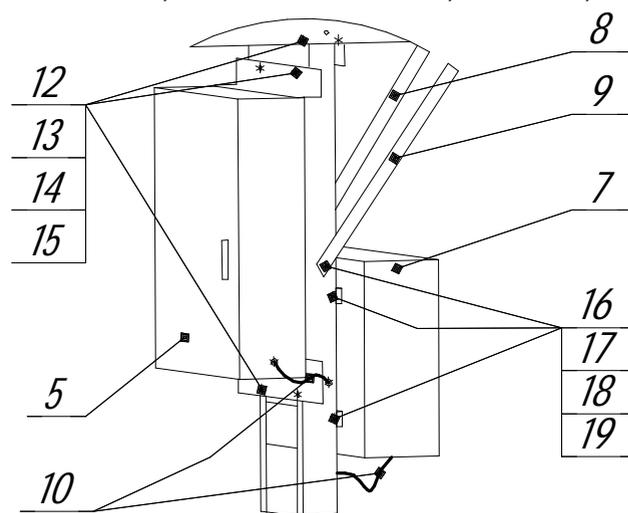
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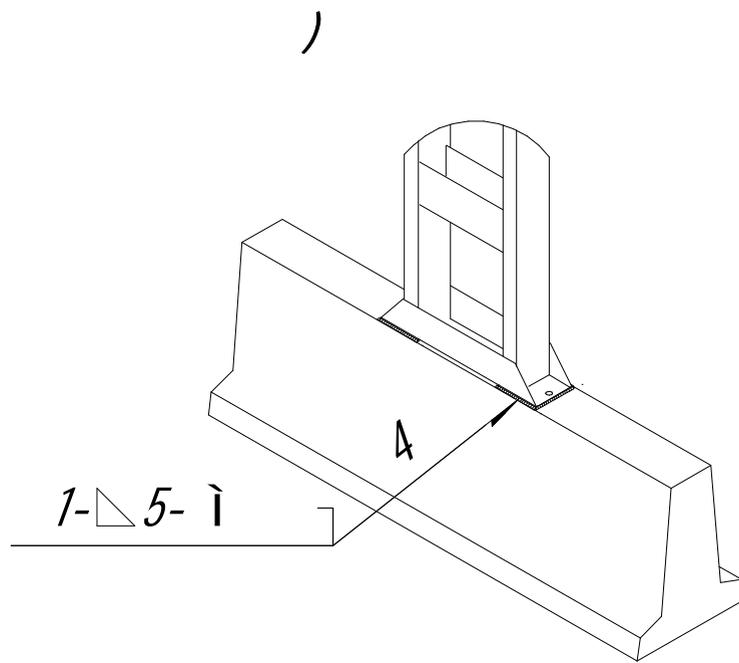
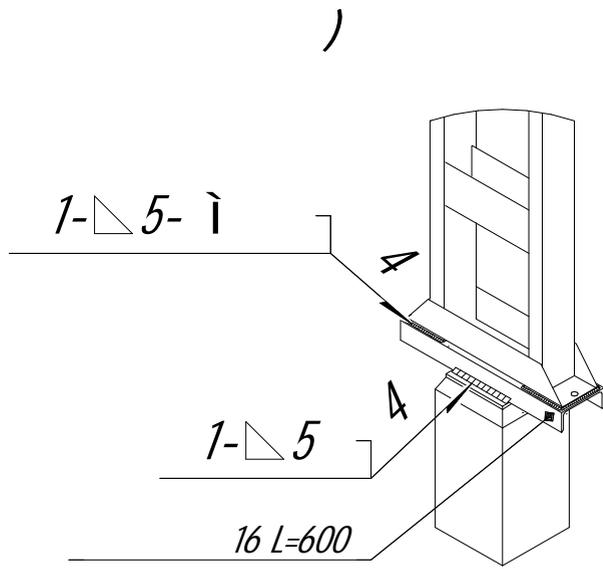


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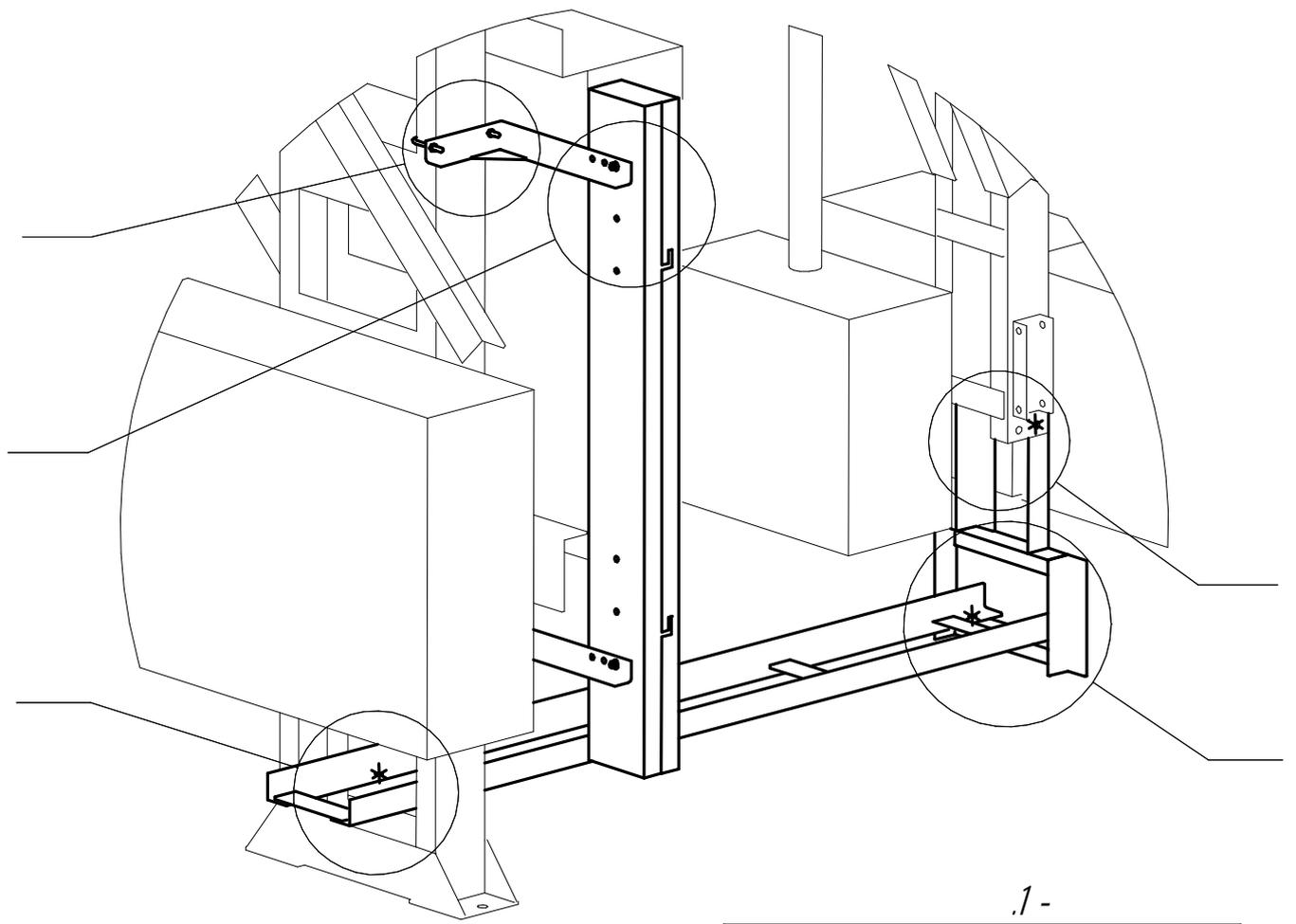
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23		-238	2
24		-82	1
25		-22	2
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27	12	-	10
28	12	-	10
29	12	-	20
30	8	-	20
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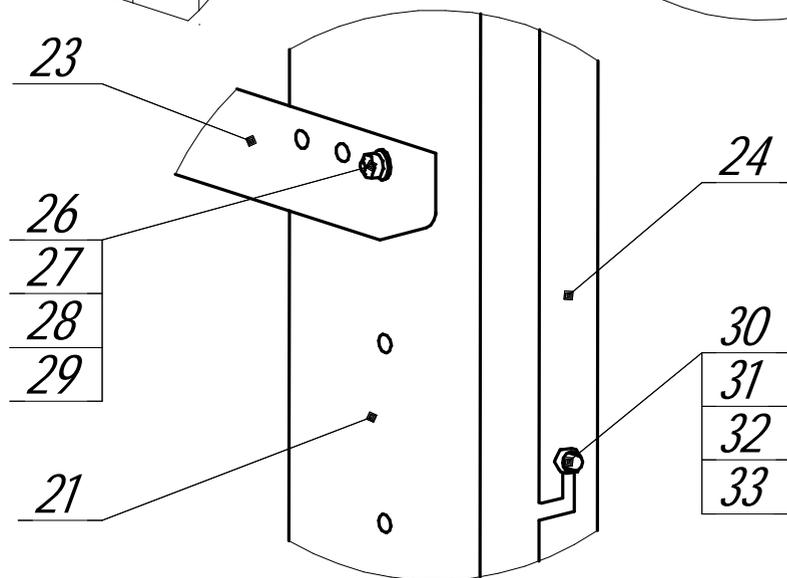
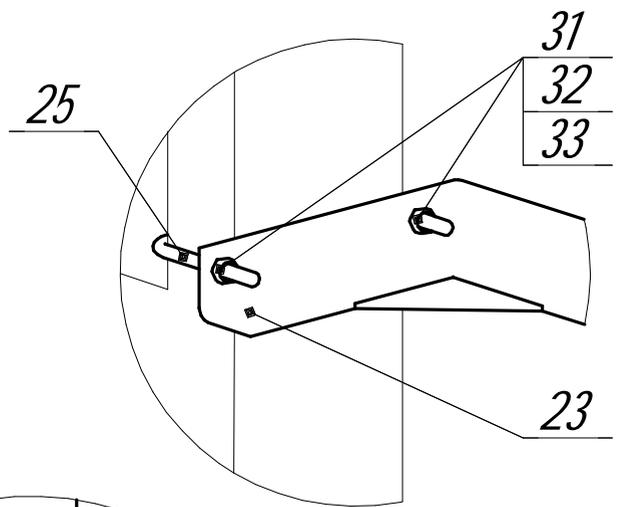
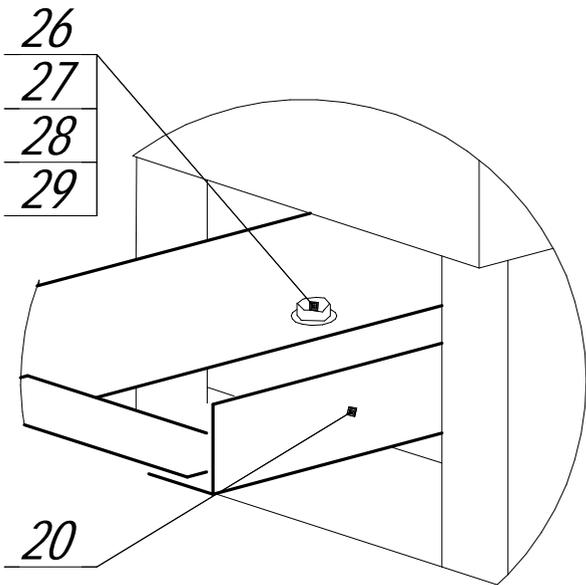
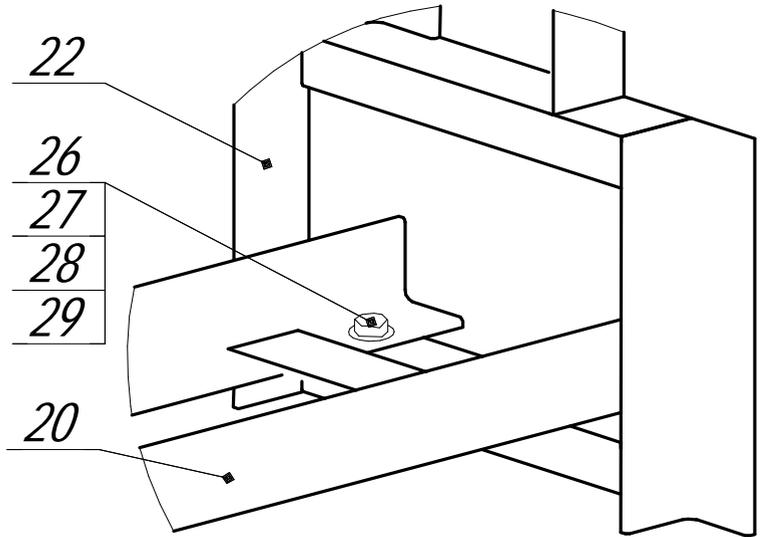
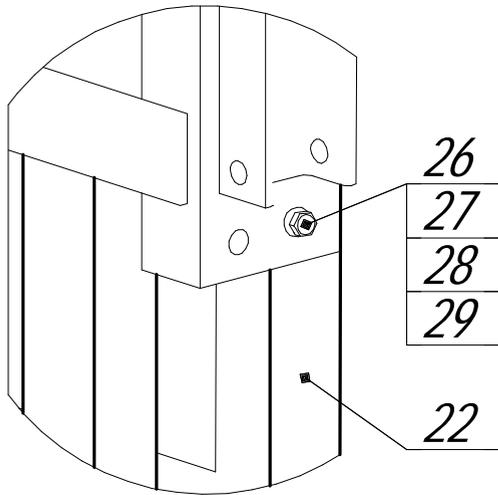
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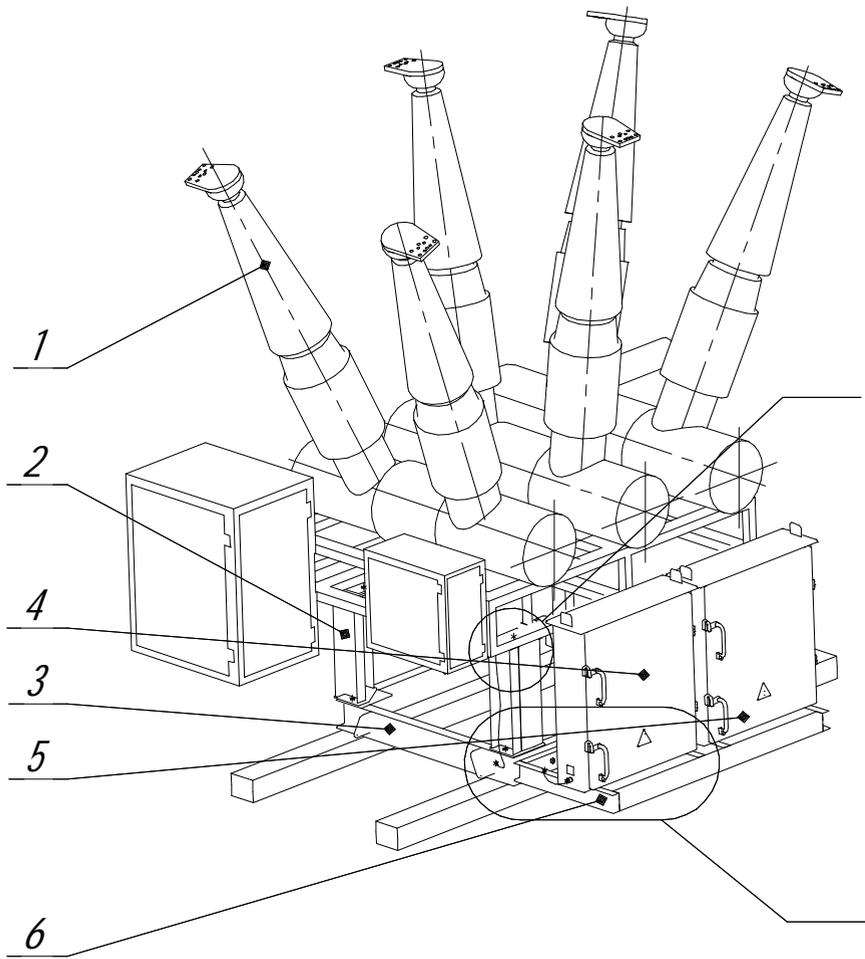
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5		-110	1
6		-376	1
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8	L=200	-	2
10	24-8g 75	-	15
11	12-8g 35	-	16
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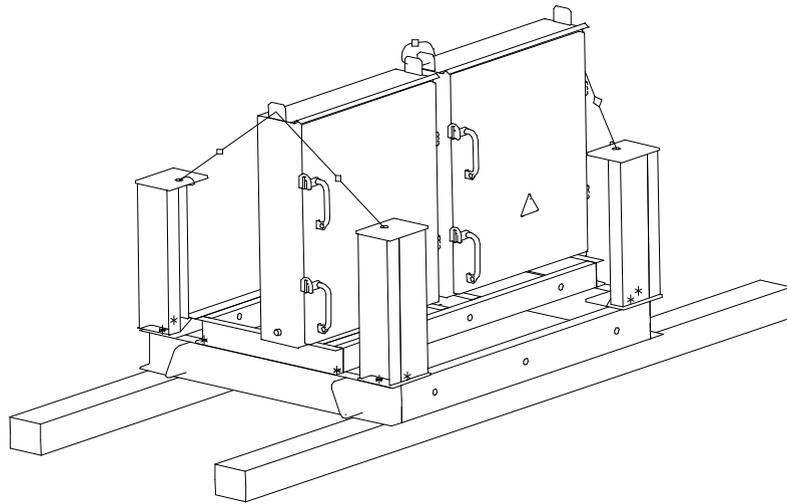
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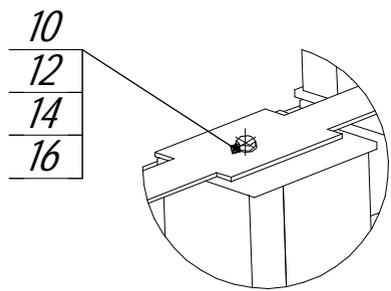
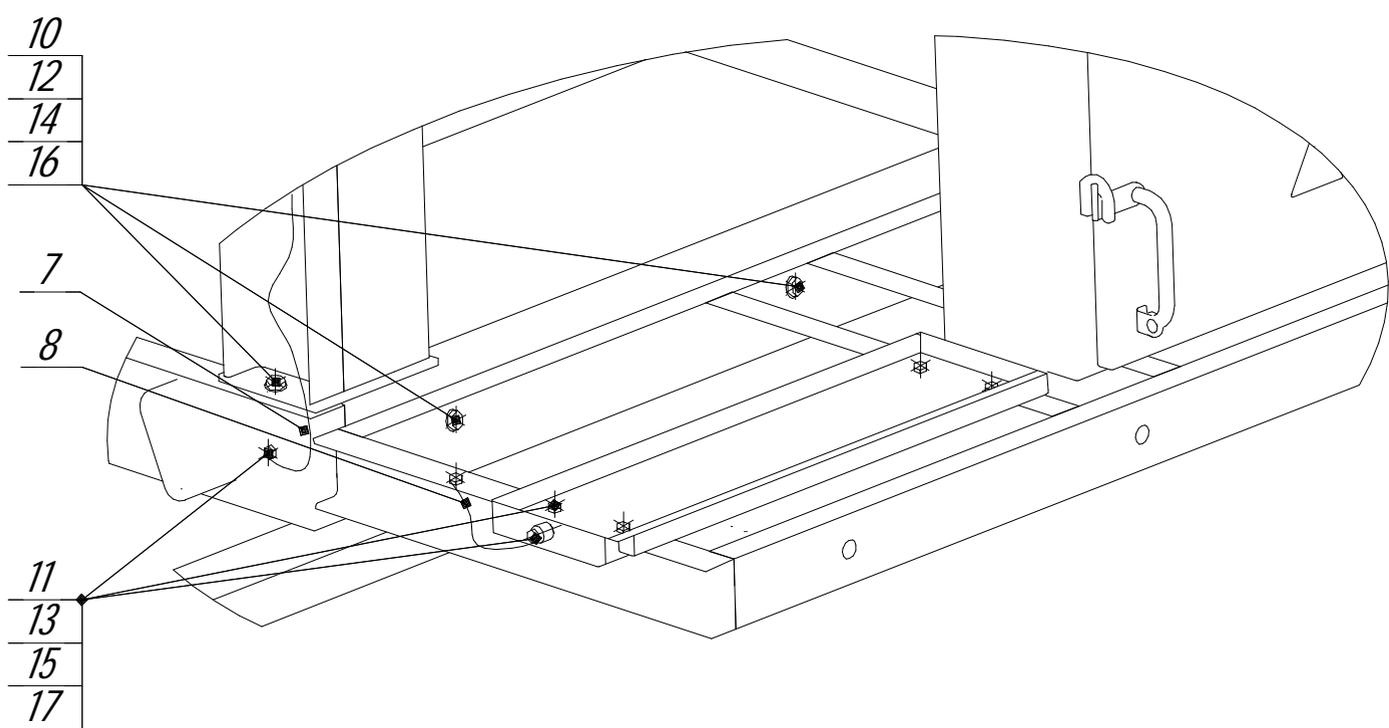


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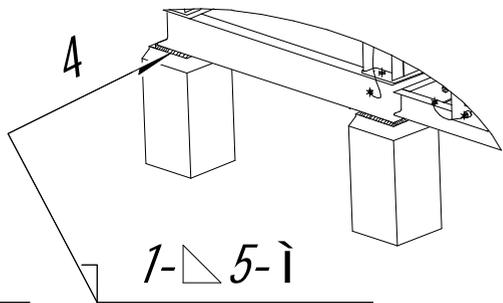
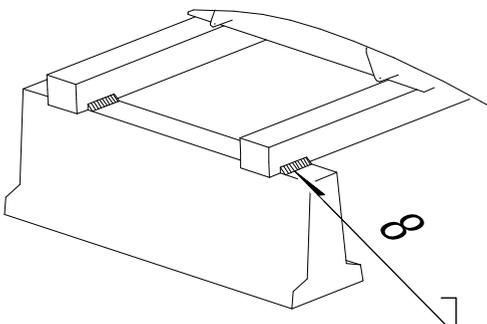
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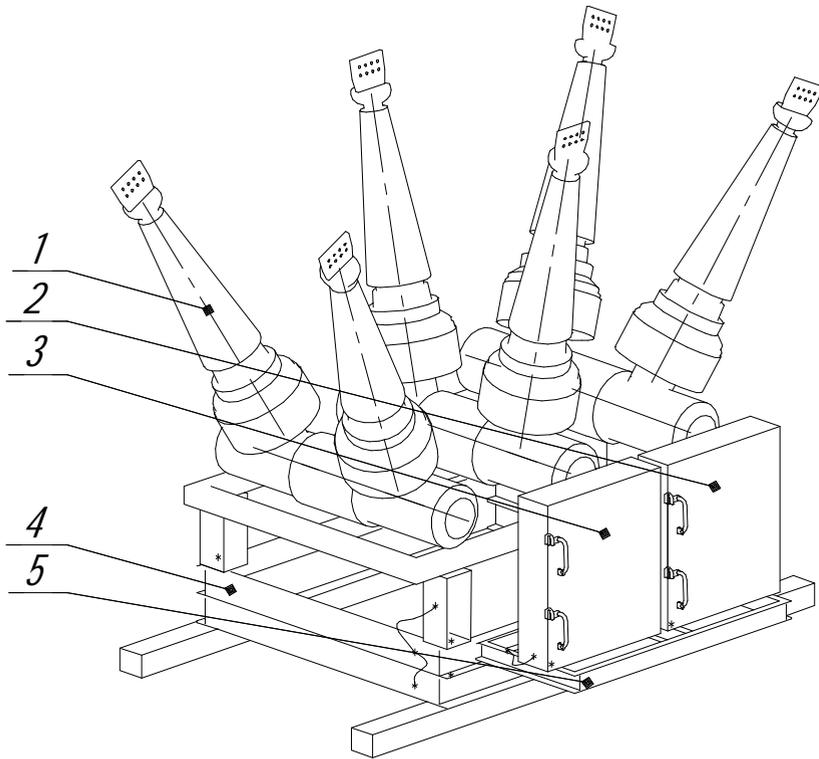
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5		-376	1
6		-	2
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11	12-8g 35	-	12
12	24	-	7
13	12	-	12
14	24	-	14
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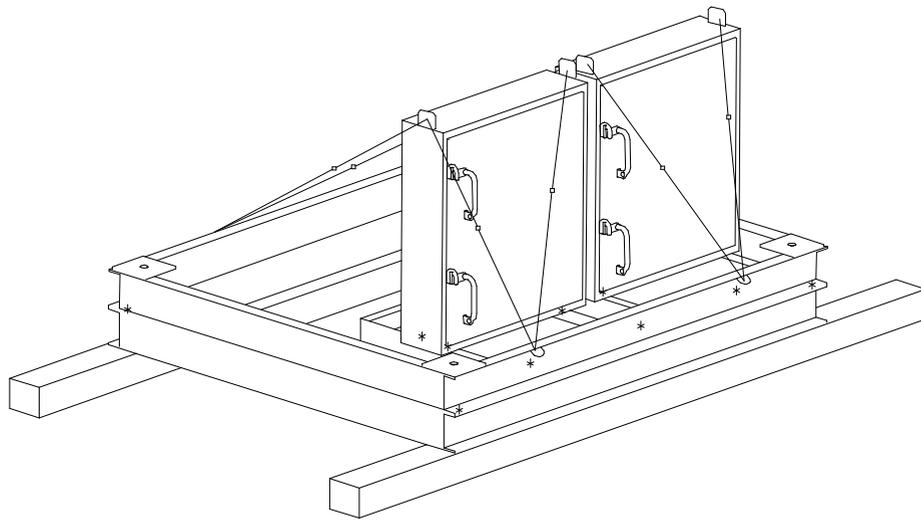
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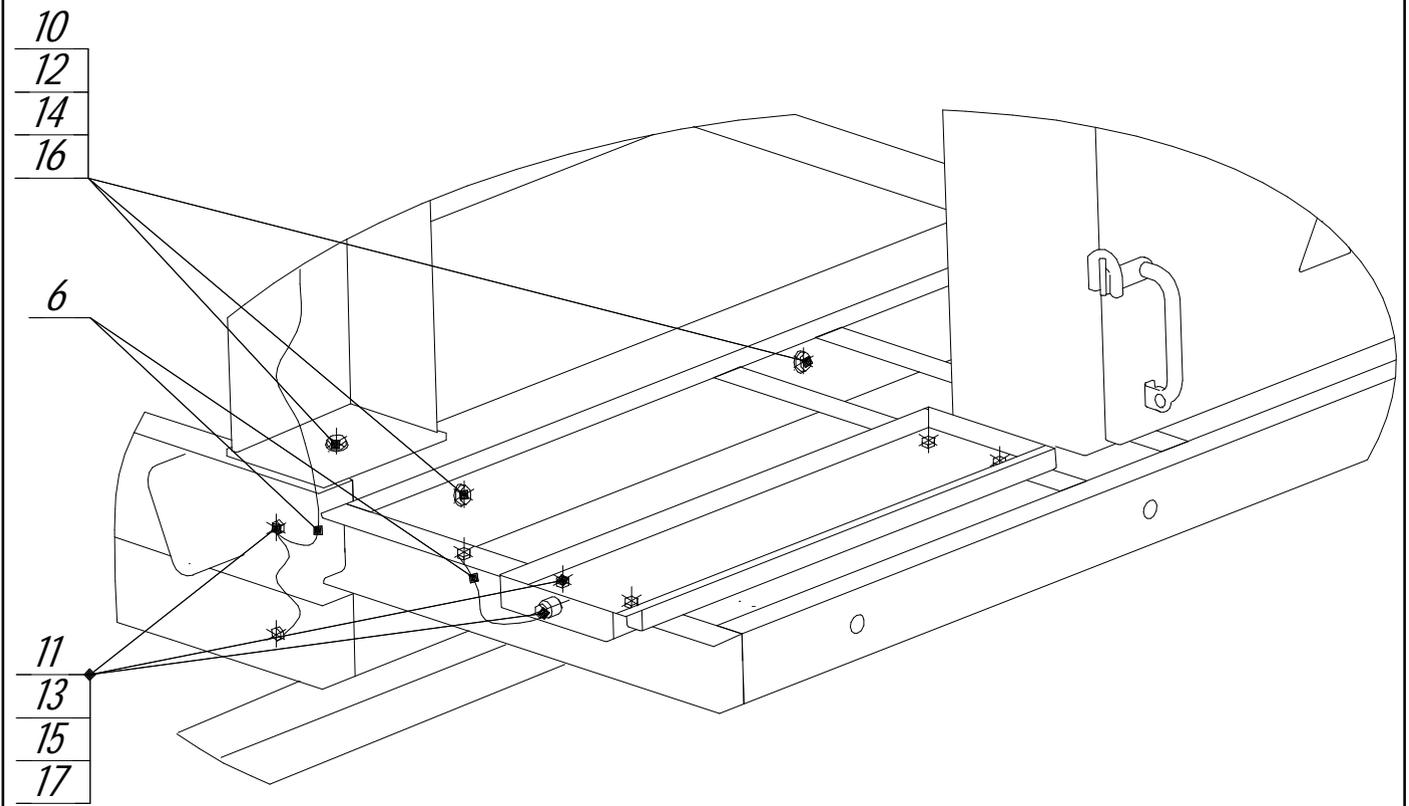


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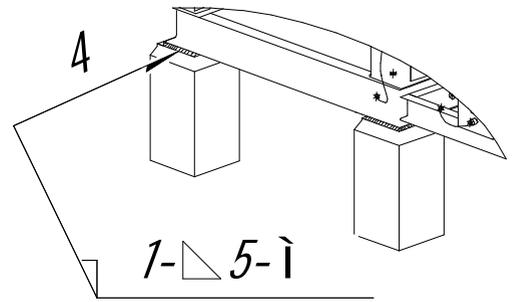
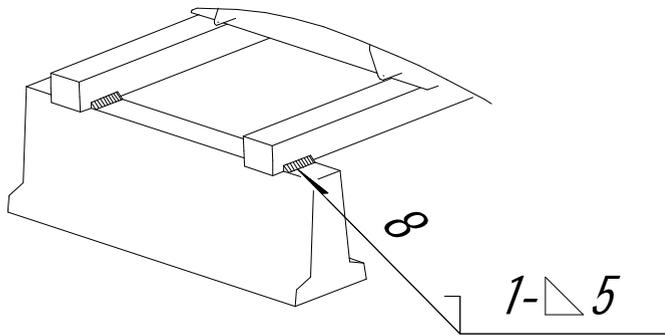
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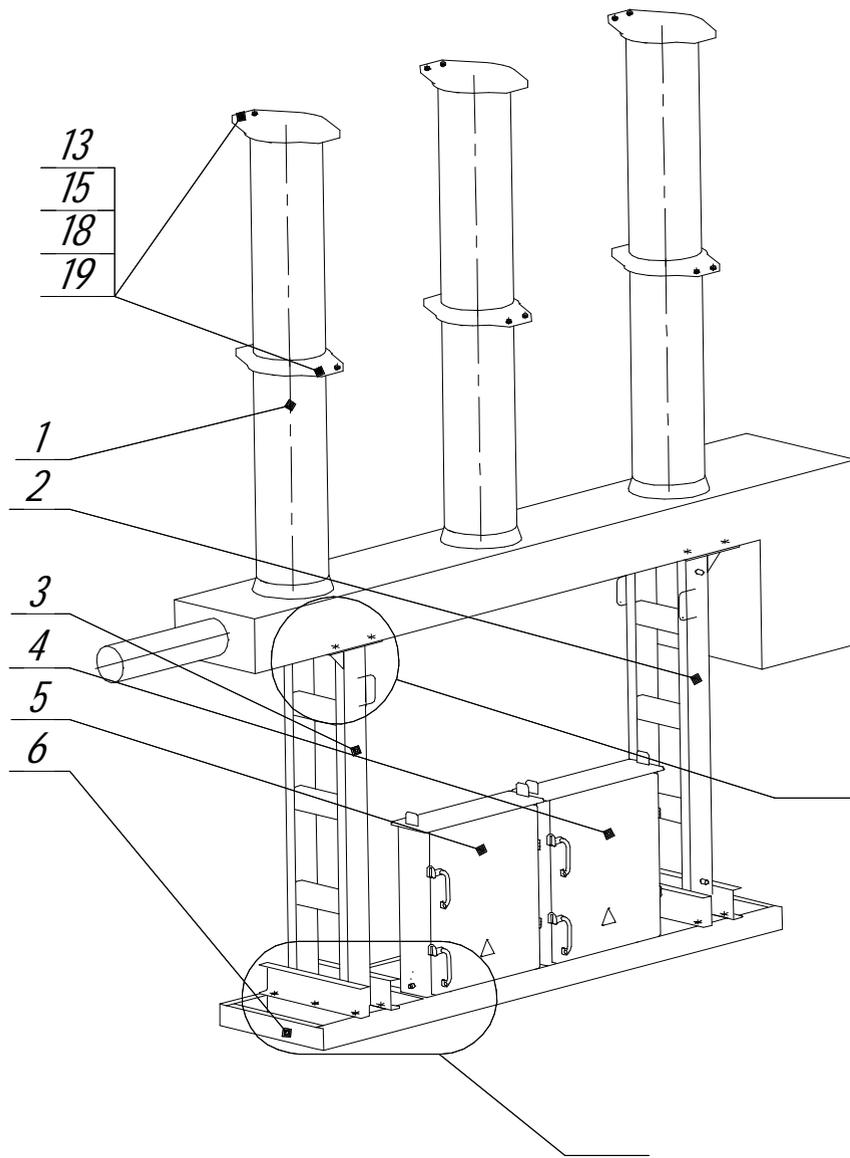


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2		-423	1
3		-422	1
4		-110	1
5		-110	1
6		-293	1
7		-	5
10	20-8g 60	-	20
11	12-8g 35	-	18
12	20	-	20
13	12	-	42
14	20	-	40
15	12	-	84
16	20	-	20
17	12	-	42
18	12-8g 60	-	24
19	12 DIN	-	24

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110-42/14- - - 1

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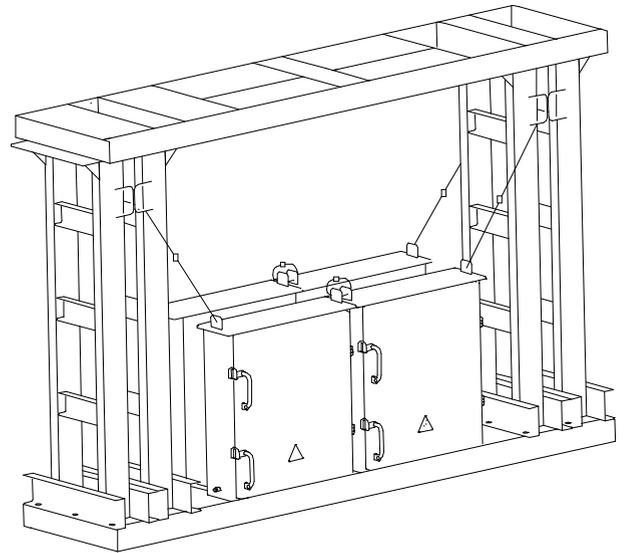
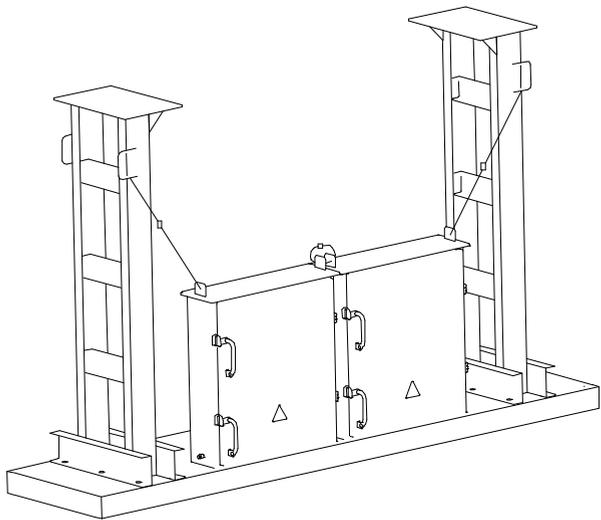
9	0407-9177	19.04.2016
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110-42/1,4- - - 1

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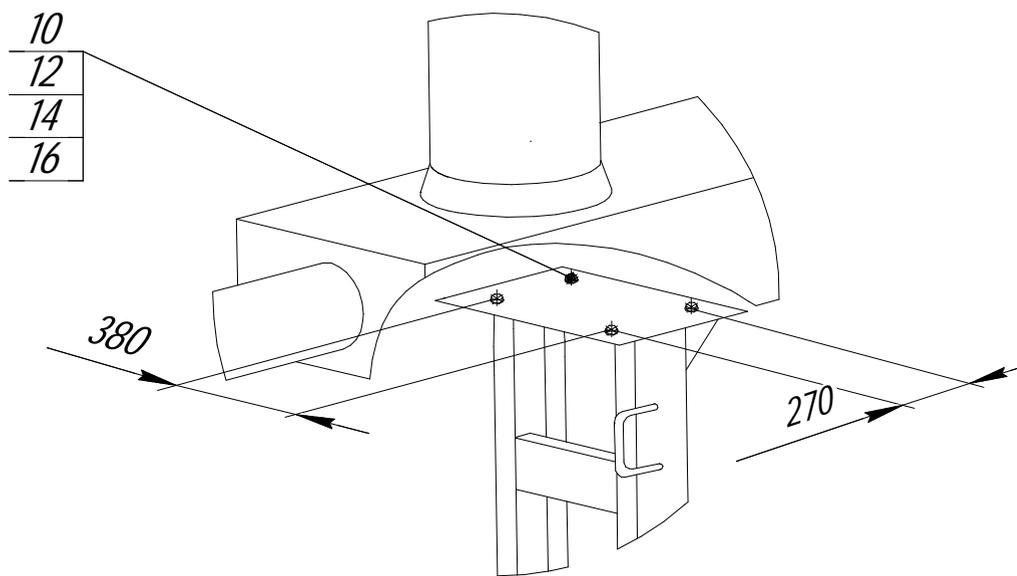
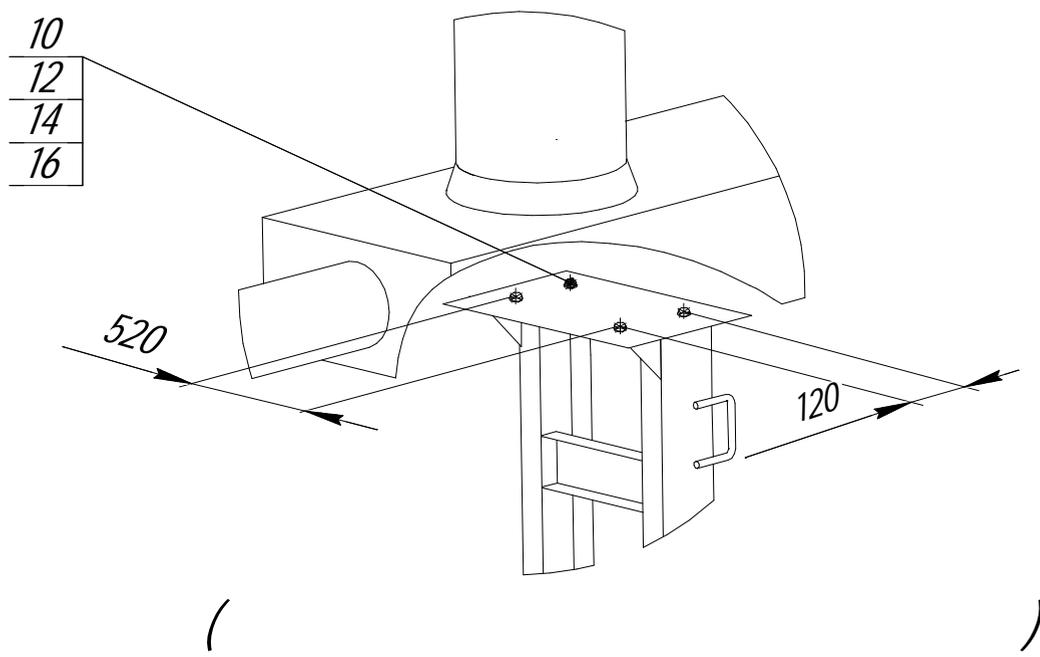
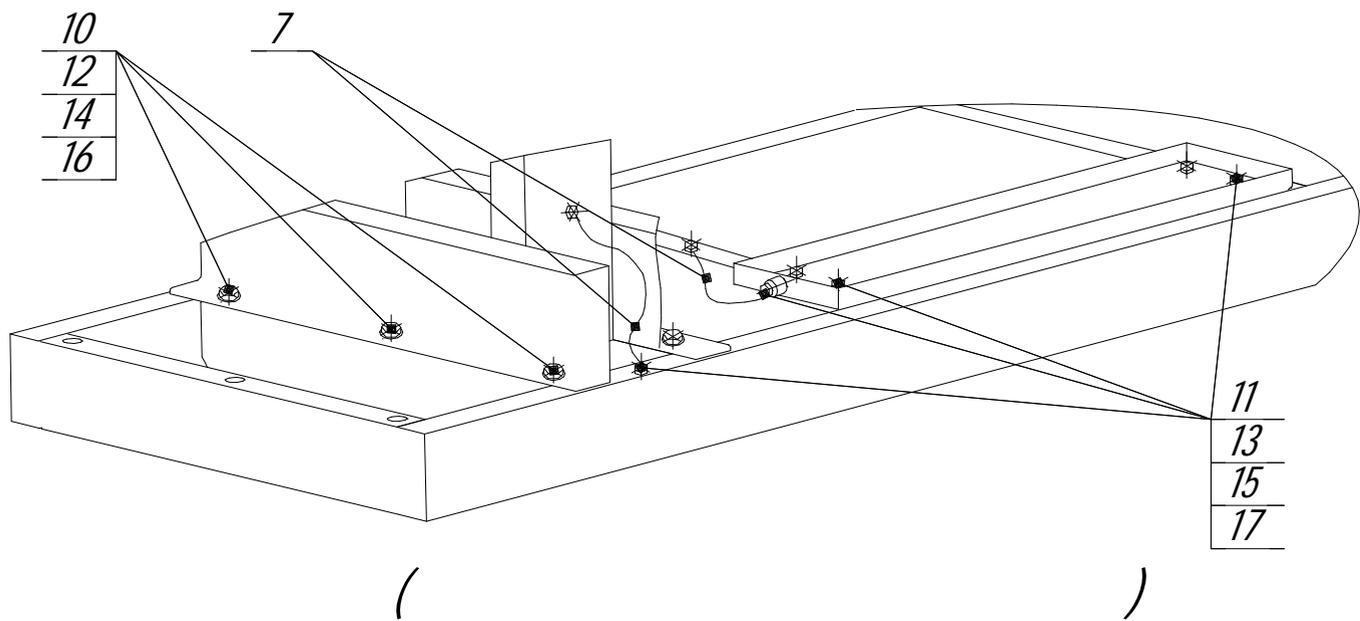
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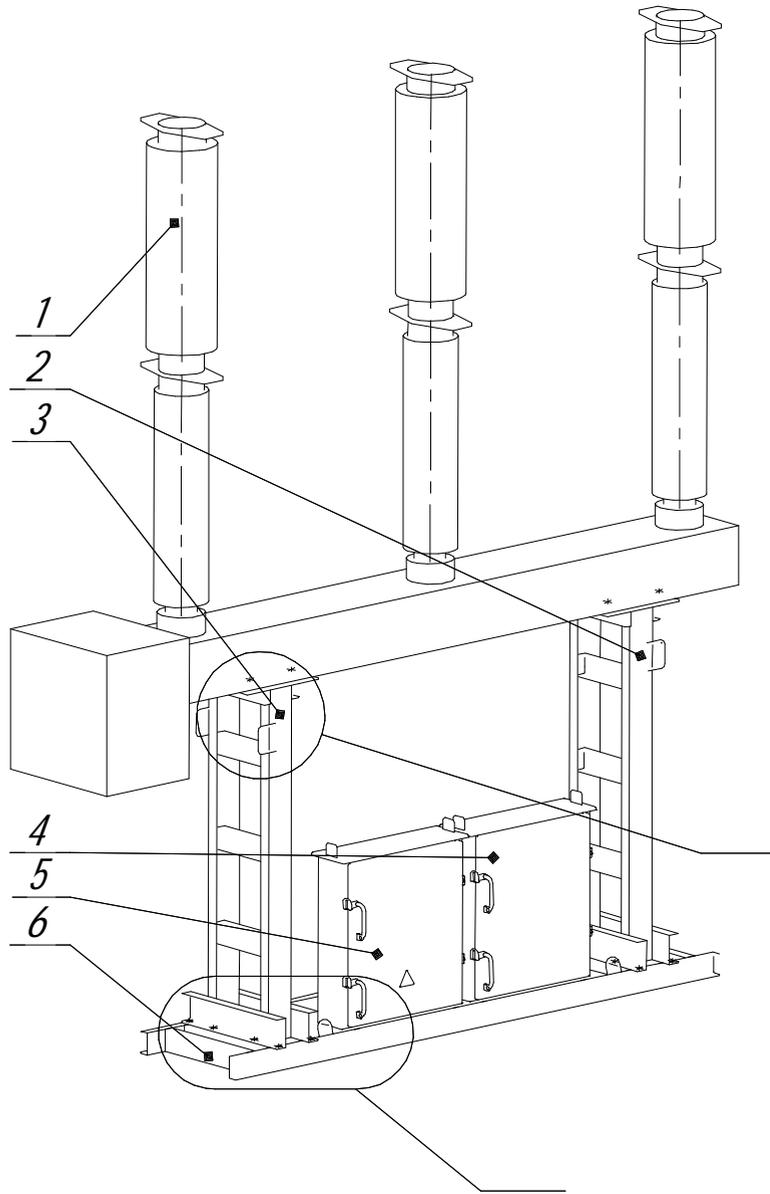
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9	0407-9177	19.04.2016
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1		-	1
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3		-424	1
4		-110	1
5		-110	1
6		-274	1
7		-	10
10	20-8g 65	-	24
11	12-8g 35	-	26
12	20	-	24
13	12	-	22
14	20	-	48
15	12	-	48
16	20	-	24
17	12	-	22

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LTB-145 110-42/1,7- - - 1

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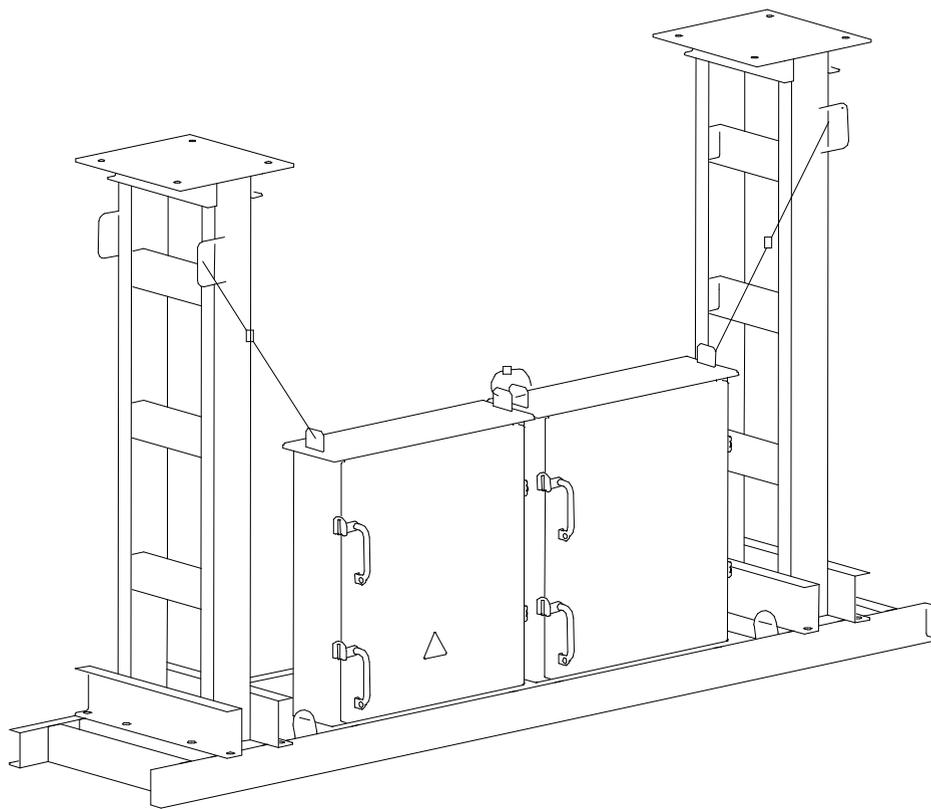
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110-42/1,7- - - 1

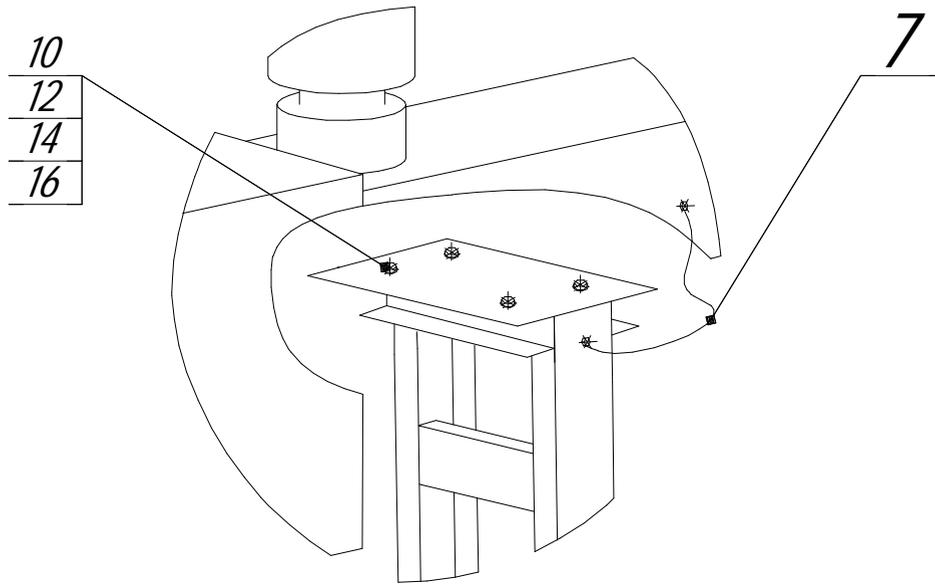
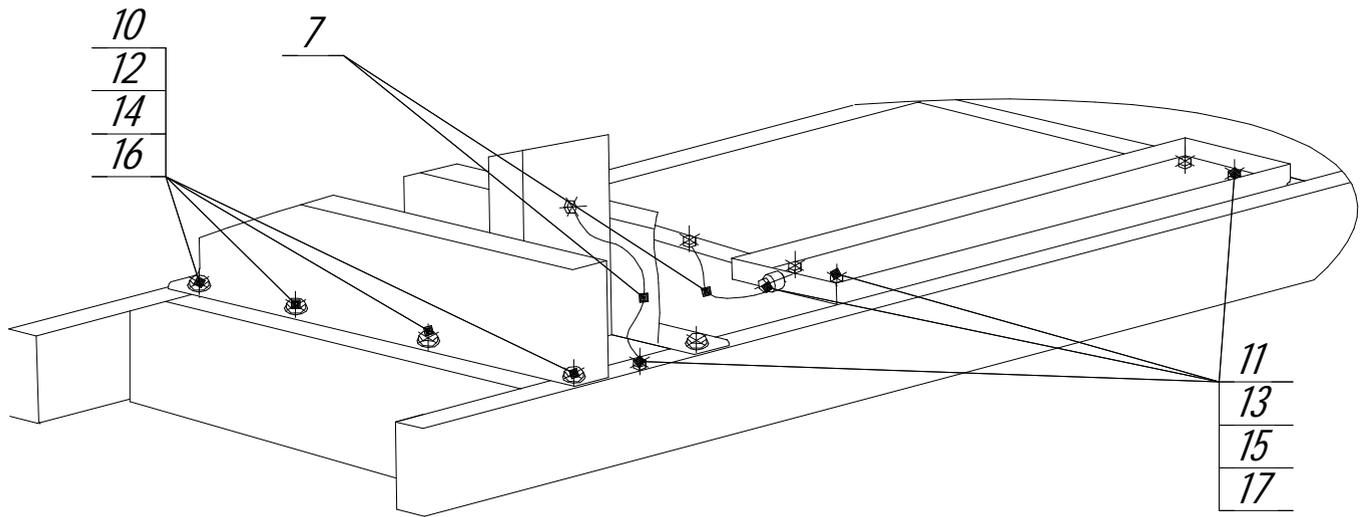


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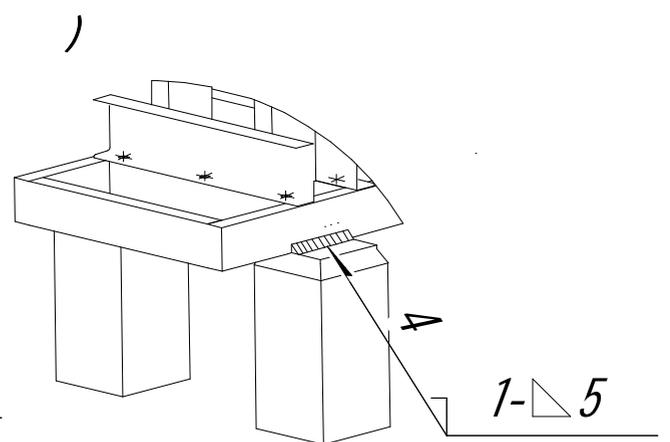
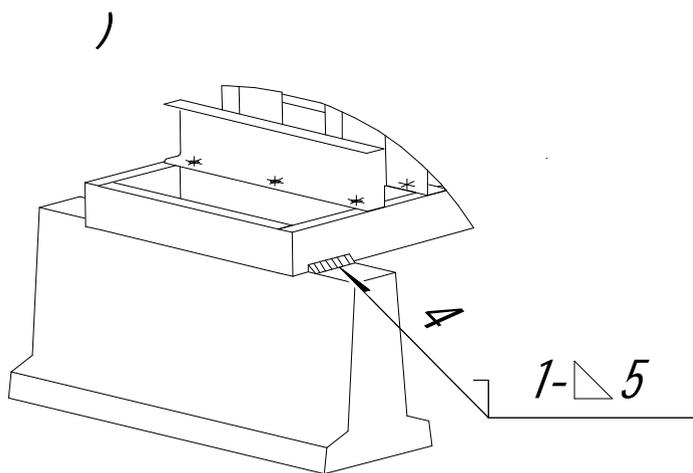
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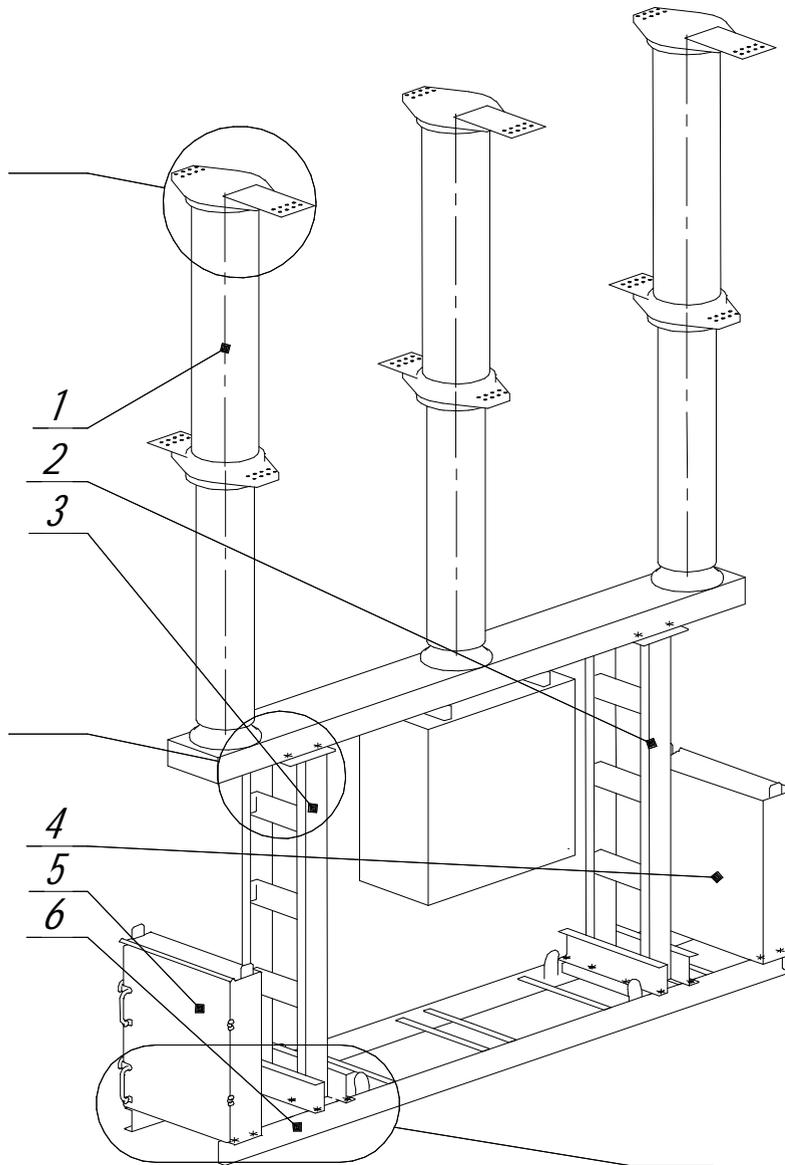
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5		-110	1
6		-321	1
7		-140	6
8		-	6
10	20-8g 65	-	12
11	12-8g 35	-	20
12	16-8g 40	-	12
13	12-8g 65		32
20	20	-	12
21	12	-	64
22	16	-	12
30	20	-	24
31	12	-	116
32	16	-	24
40	20	-	12
41	12	-	64
42	16	-	12

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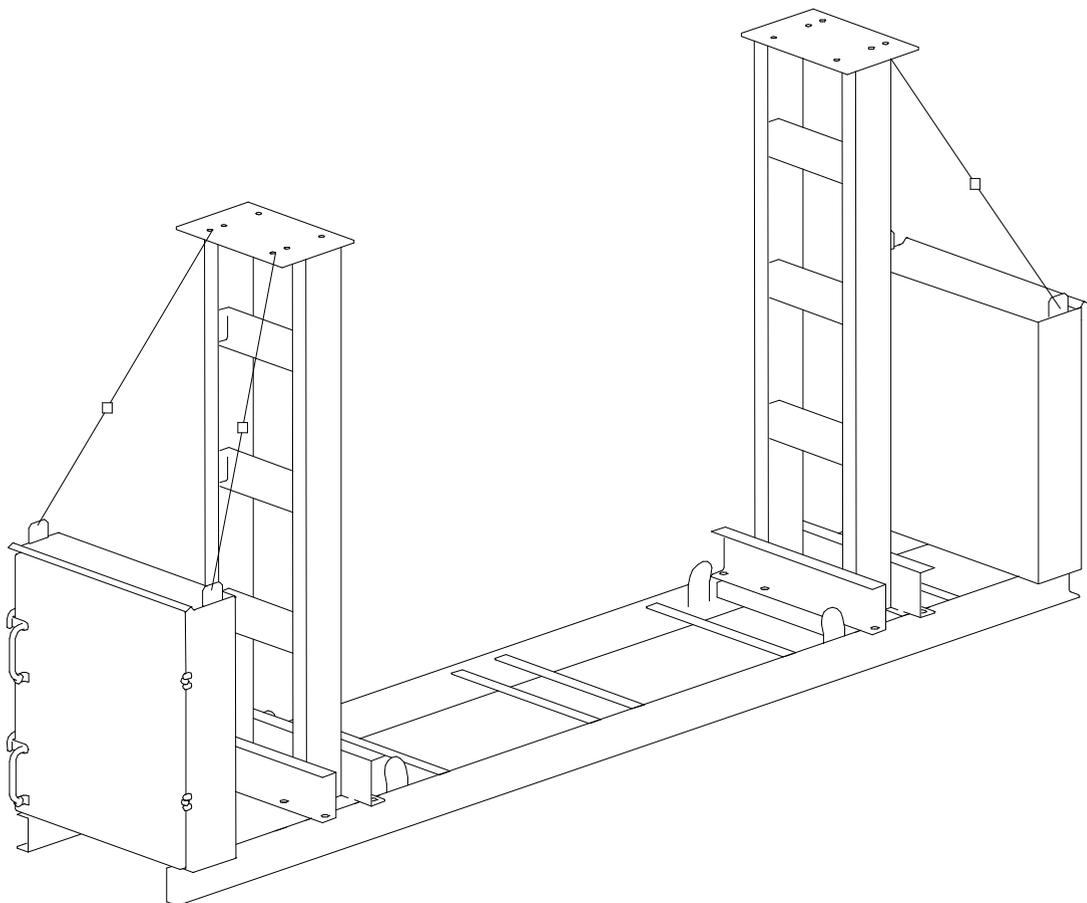
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110-42/1,7- - - 1



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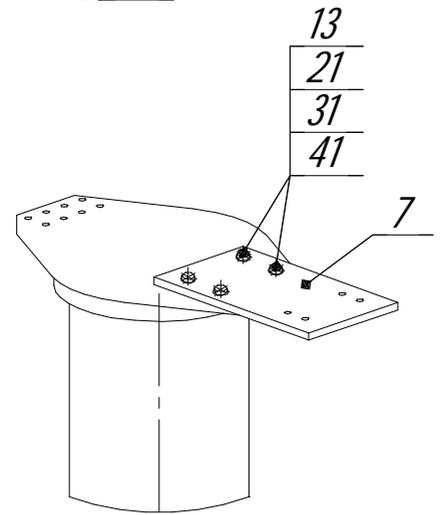
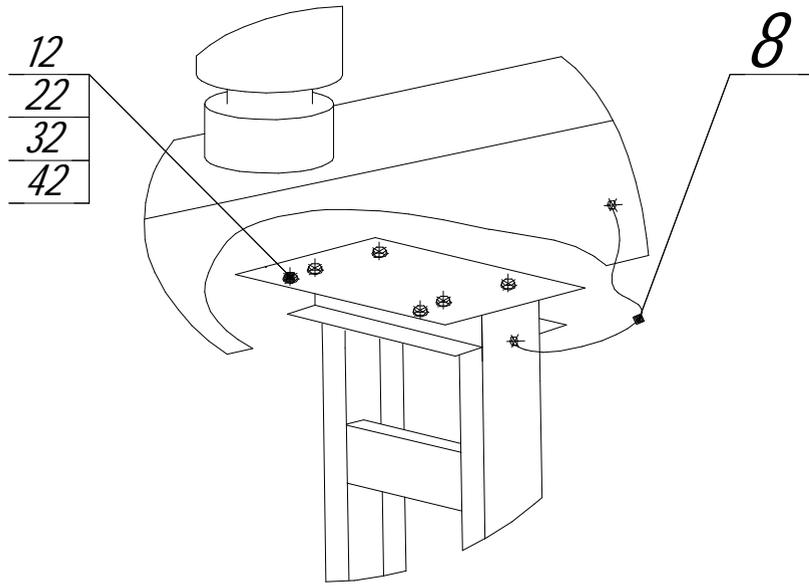
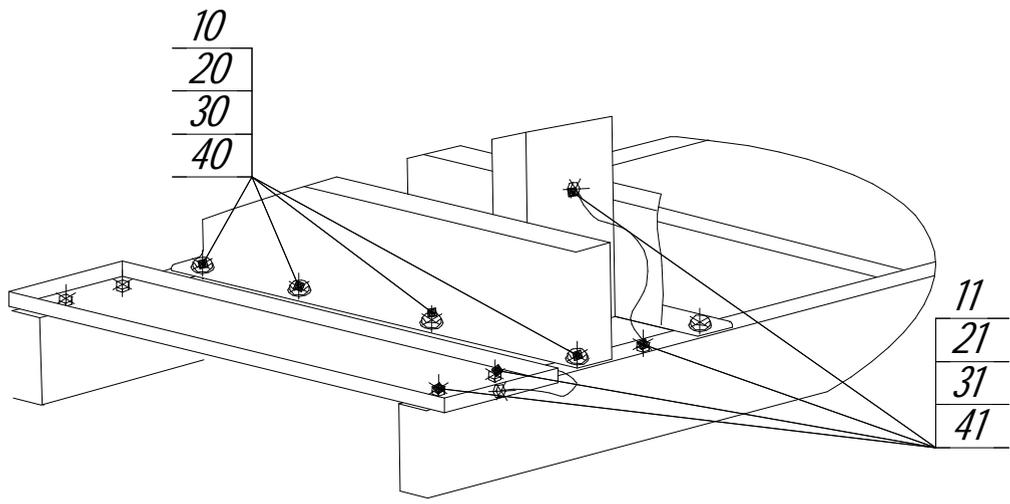
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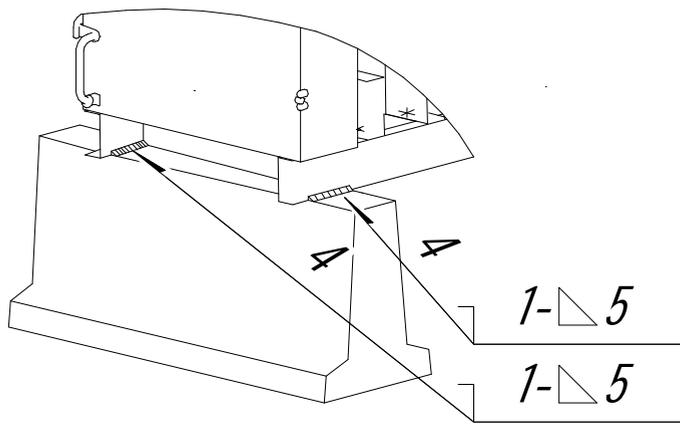
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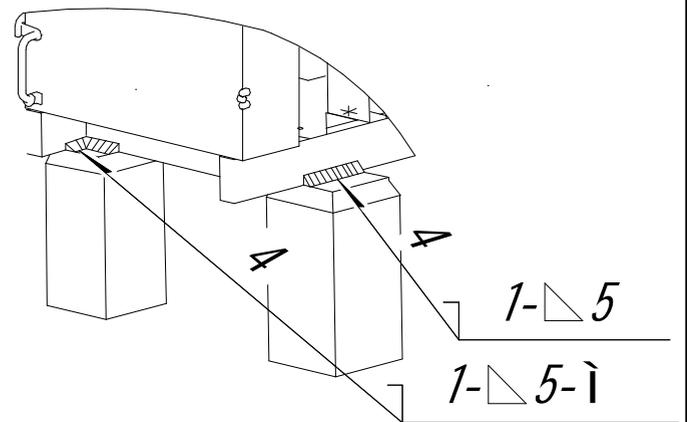


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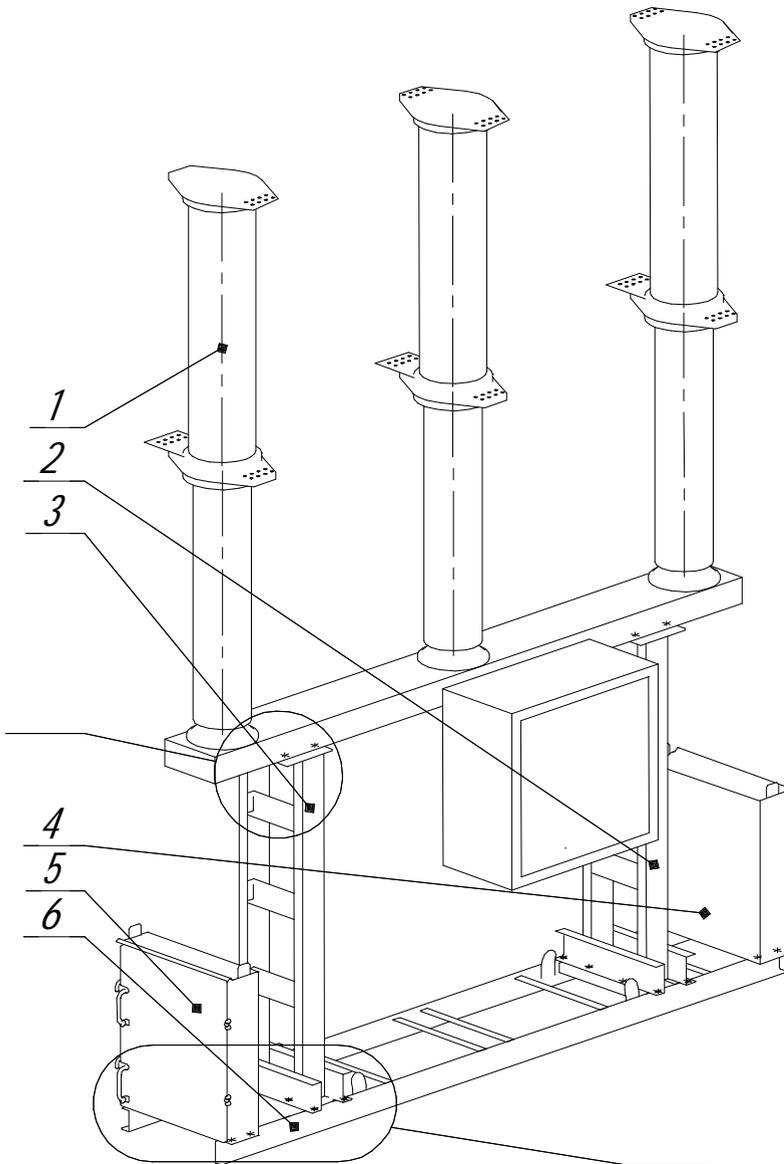


110-42/1,7- - - 1

9	0407-9177	19.04.2016
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1		-	1
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3		-460	1
4		-110	1
5		-110	1
6		-321	1
7		-	6
10	20-8g 65	-	24
11	12-8g 35	-	20
20	20	-	24
21	12	-	20
30	20	-	48
31	12	-	40
40	20	-	24
41	12	-	20

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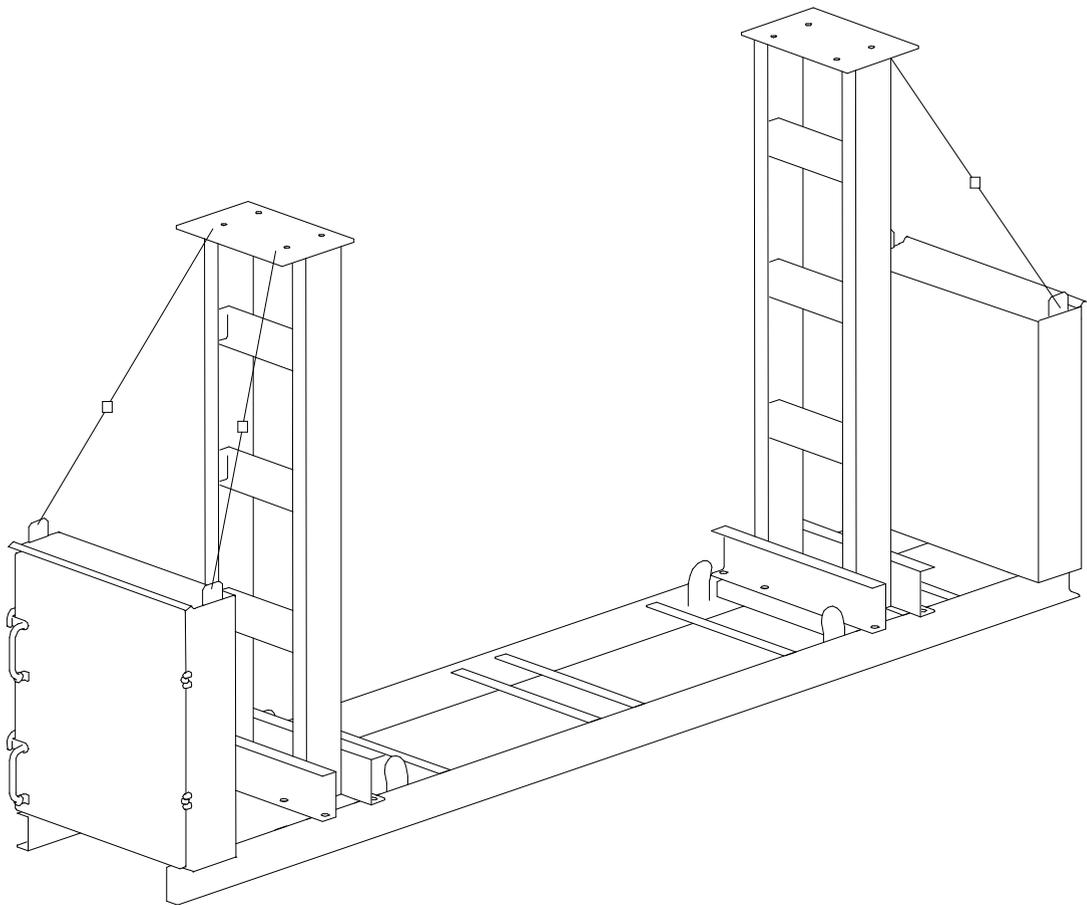
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110-42/1,7- - - 1



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110-42/1,4- - - 1

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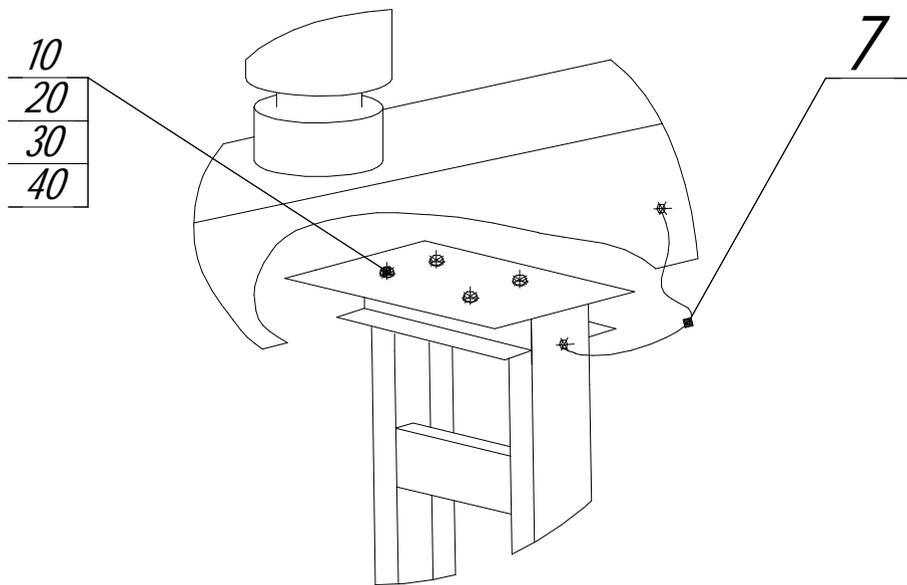
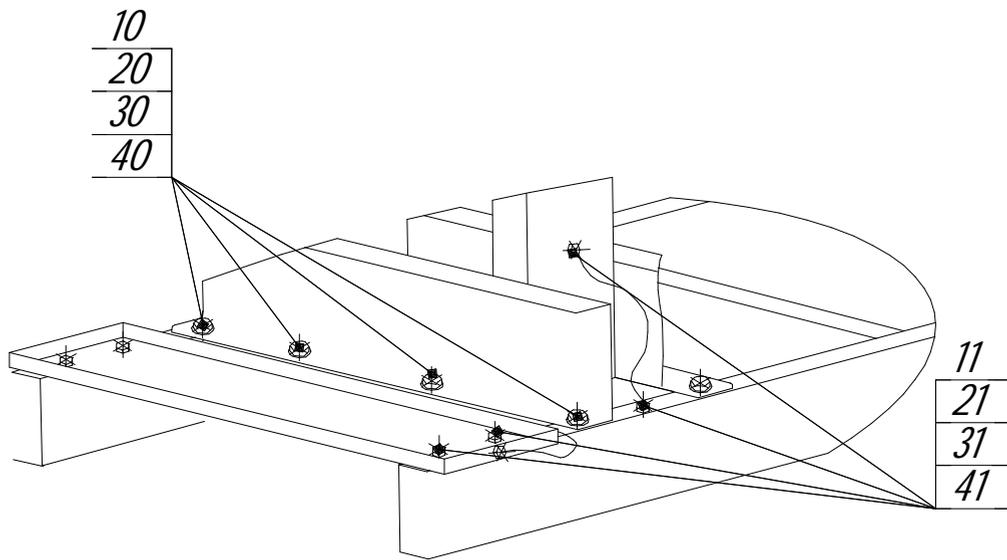
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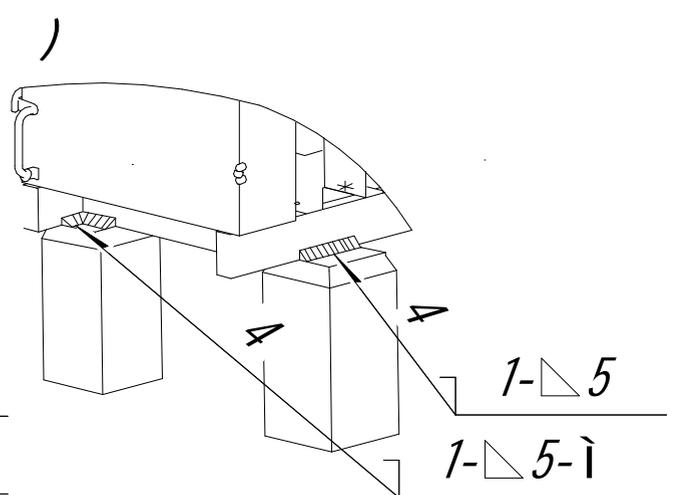
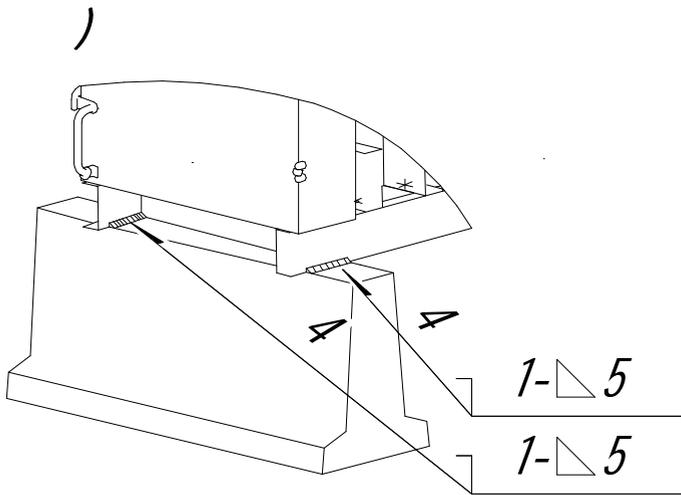
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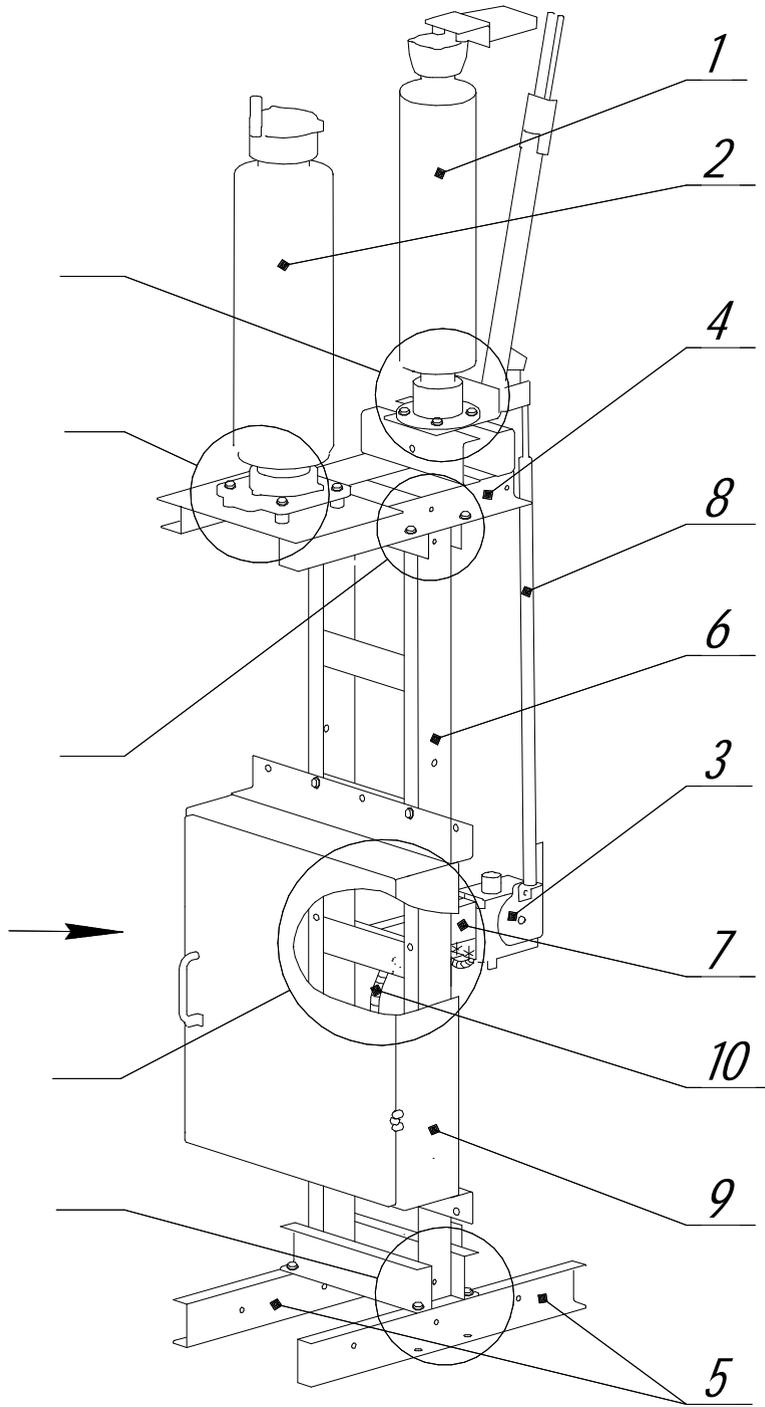
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3	**	-	1
4	**	-319	1
5		-244	2
6		-44	1
7	**	-369	1
8	**	-	1
9	***	-	1
10	***	-	1
11		-	1
12	***	-	1
13	16 45	-	10
14	16	-	28
15	16	-	28
16	16	-	56
17	16 45***	-	4
18	16***	-	4
19	16 ***	-	4
20	16***	-	8
21	12 25***	-	1
22	12***	-	1
23	12 ***	-	1
24	12***	-	2
25	10 25	-	2
26	10	-	2
27	10	-	2
28	10	-	4
29	*	-	4
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31	*	-	4
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110-62- - 1

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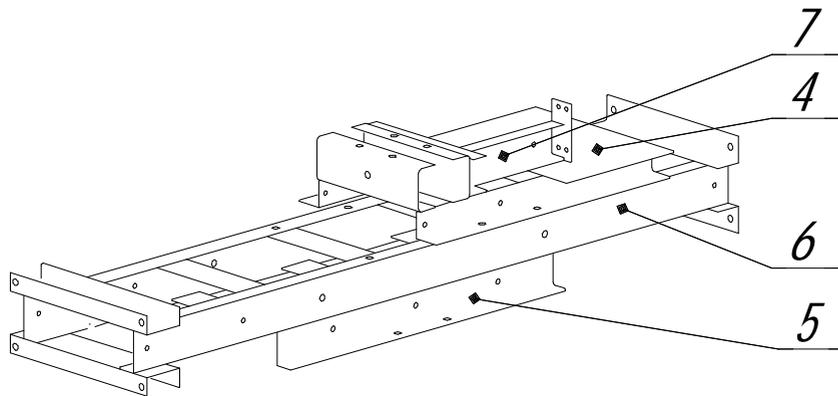
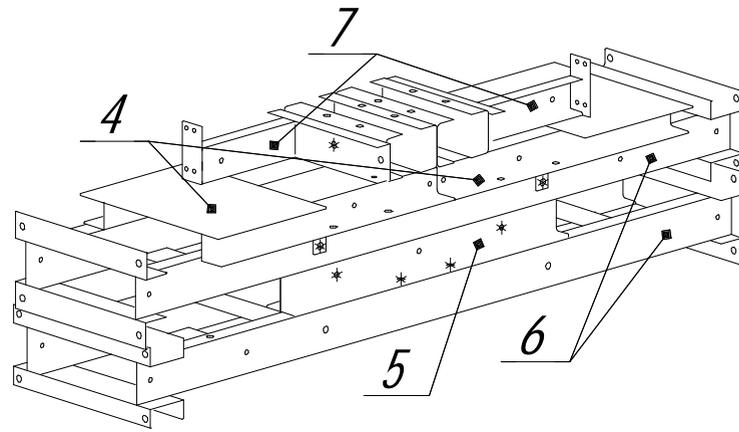
19.04.2016

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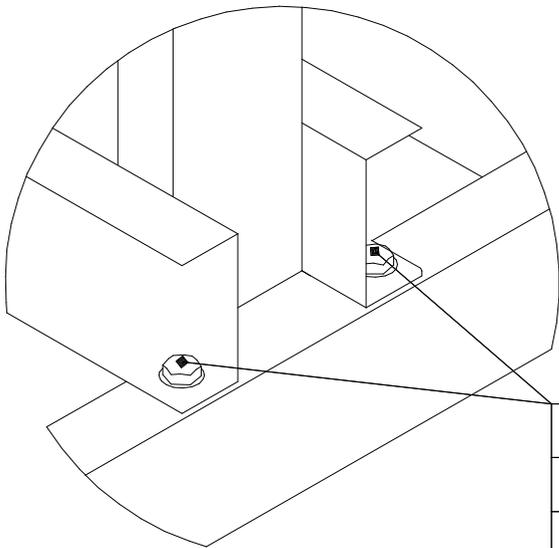
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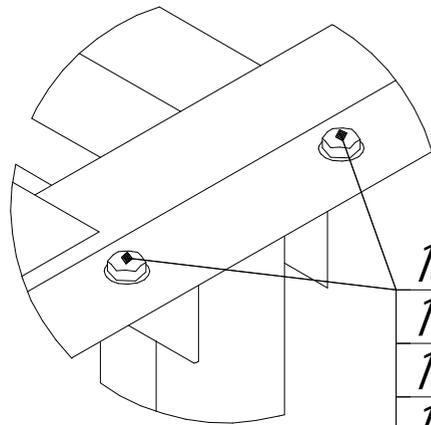
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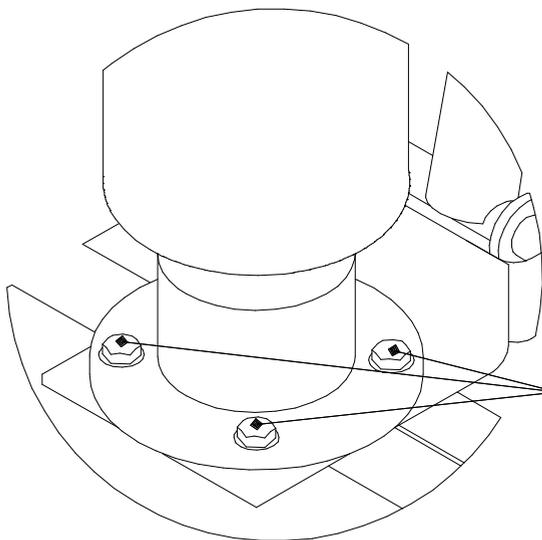
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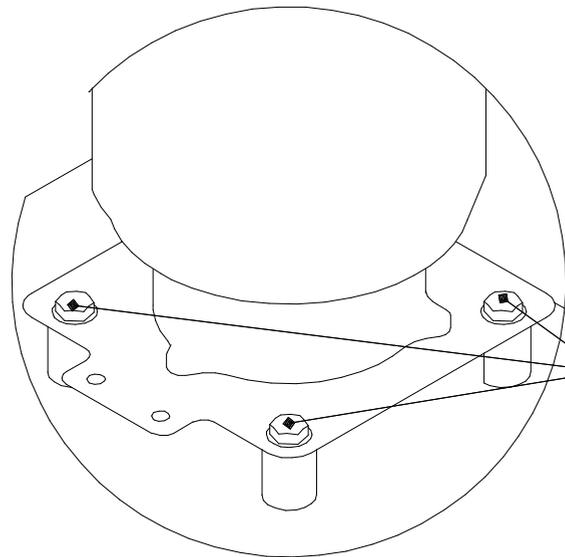
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- 14
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- 16



- 13
- 14
- 15
- 16



- 29
- 32
- 33
- 34



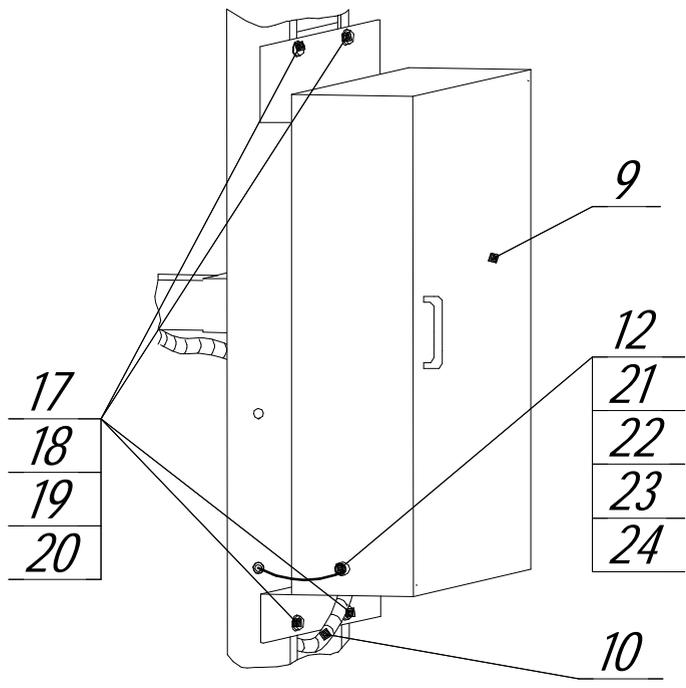
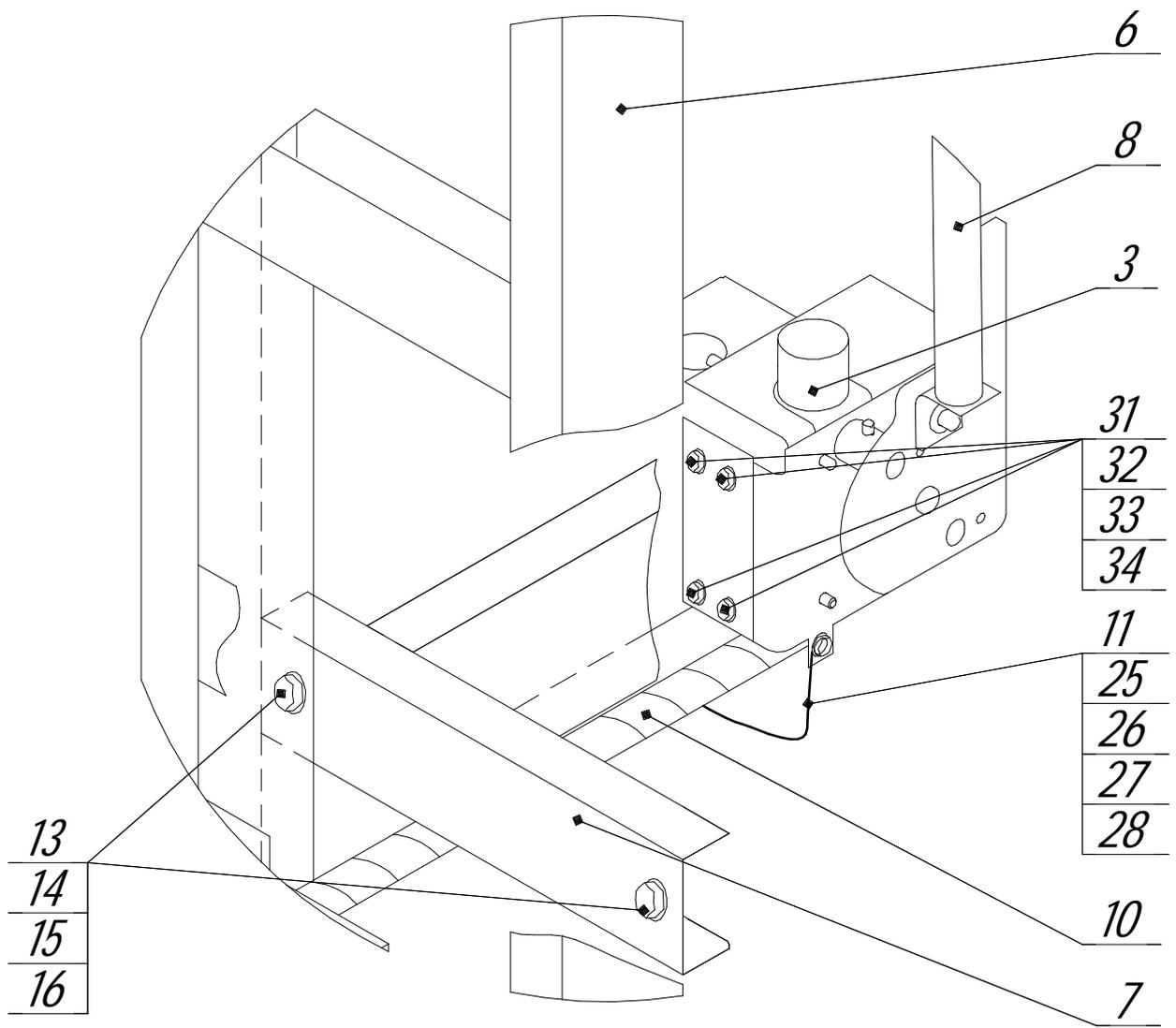
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- 32
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- 34

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110-62- - 1

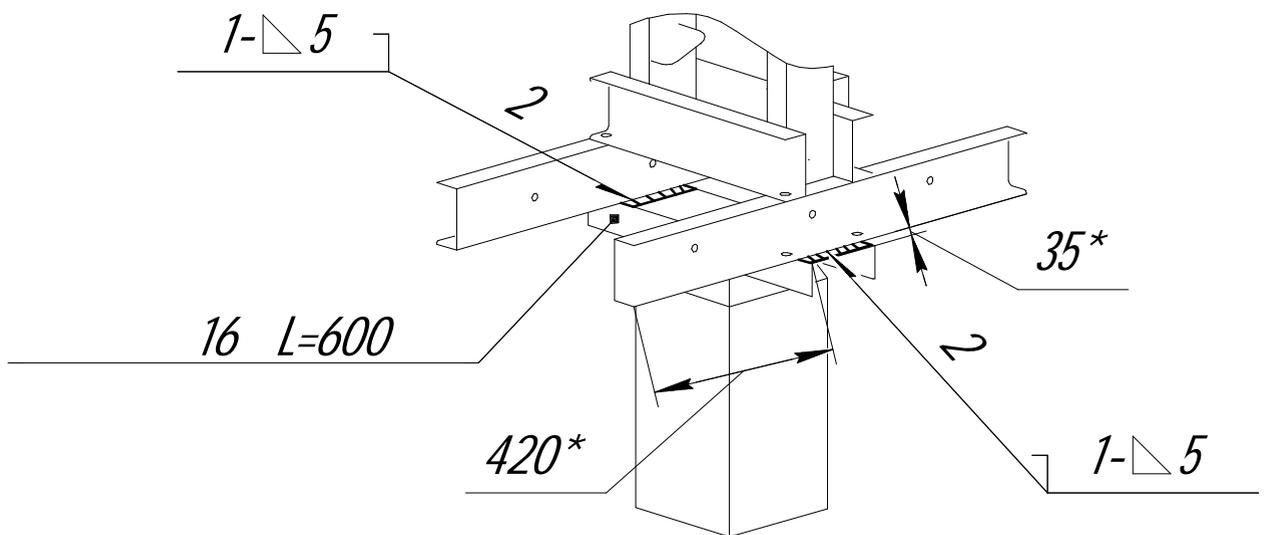
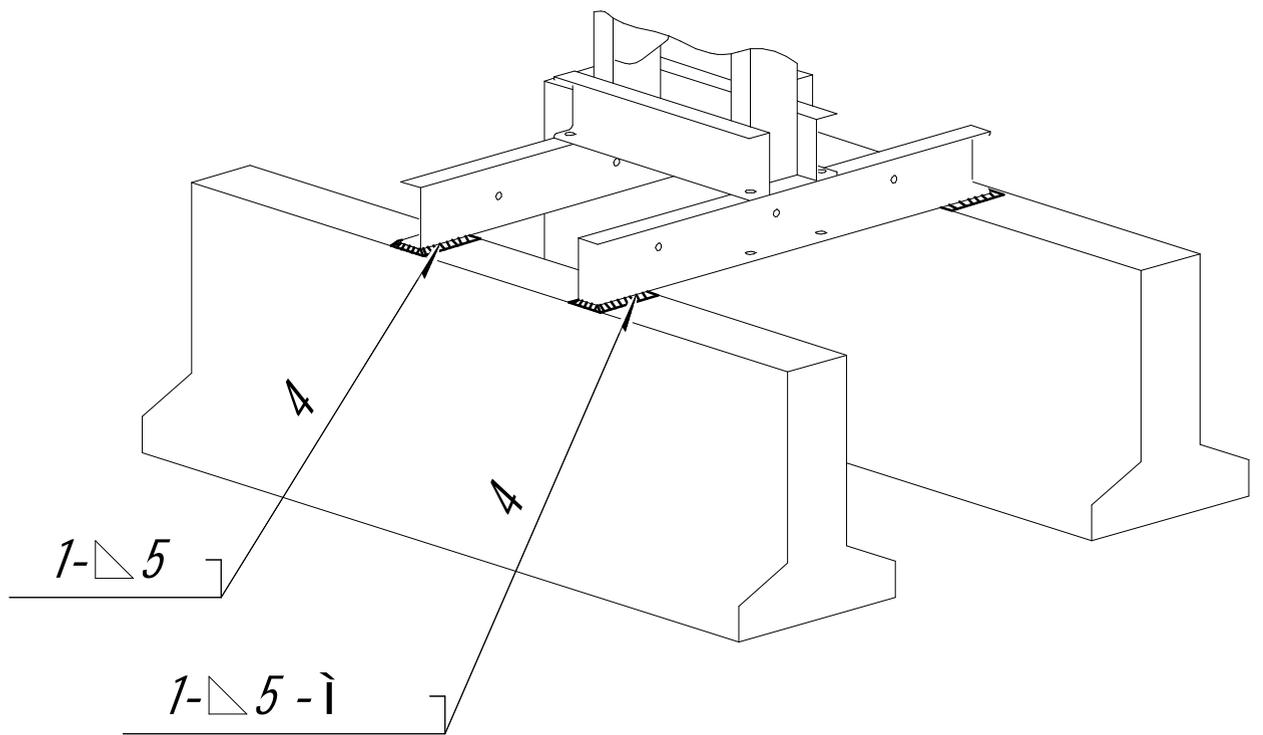
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9	0407-9177	19.04.2016
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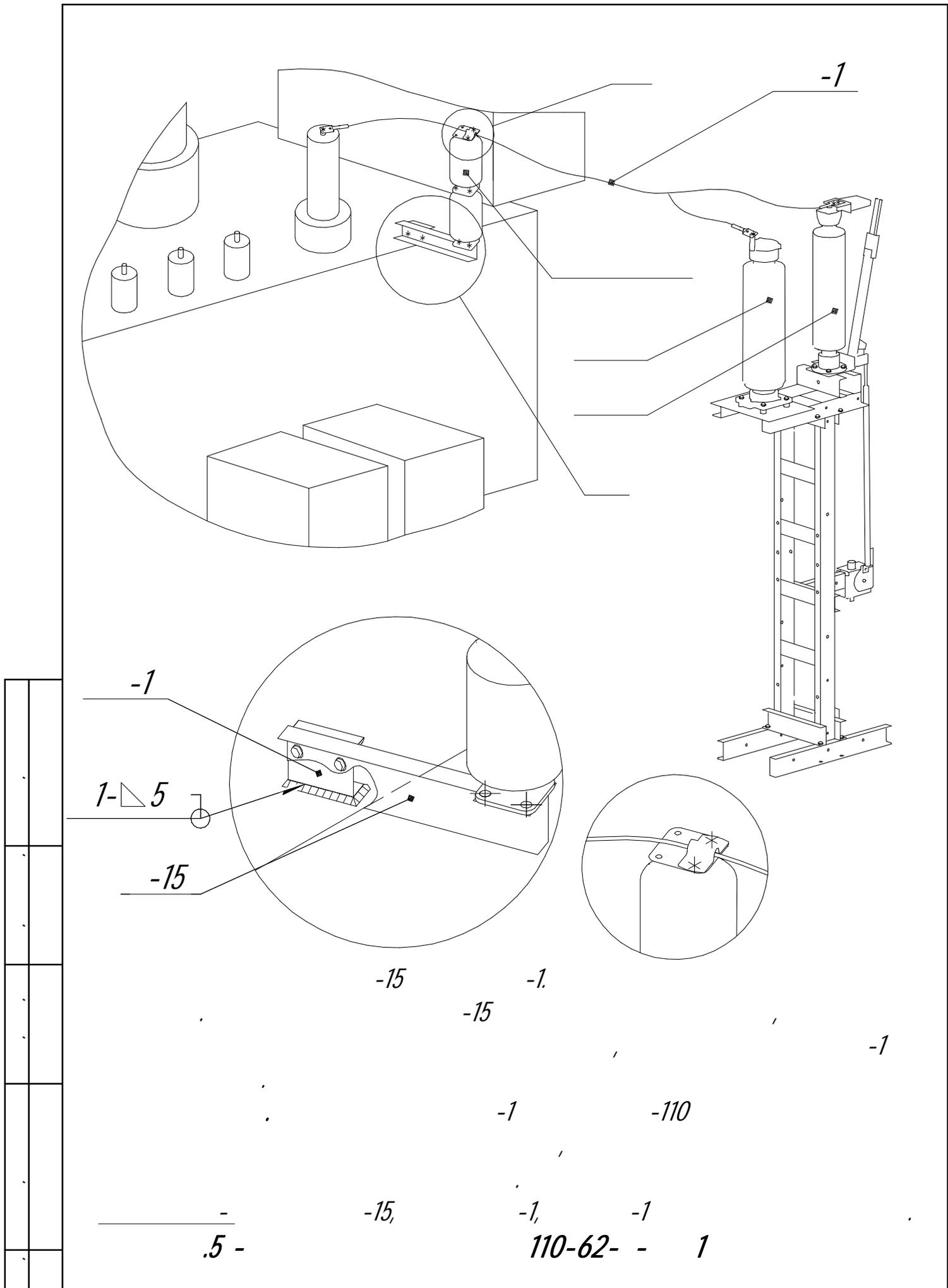


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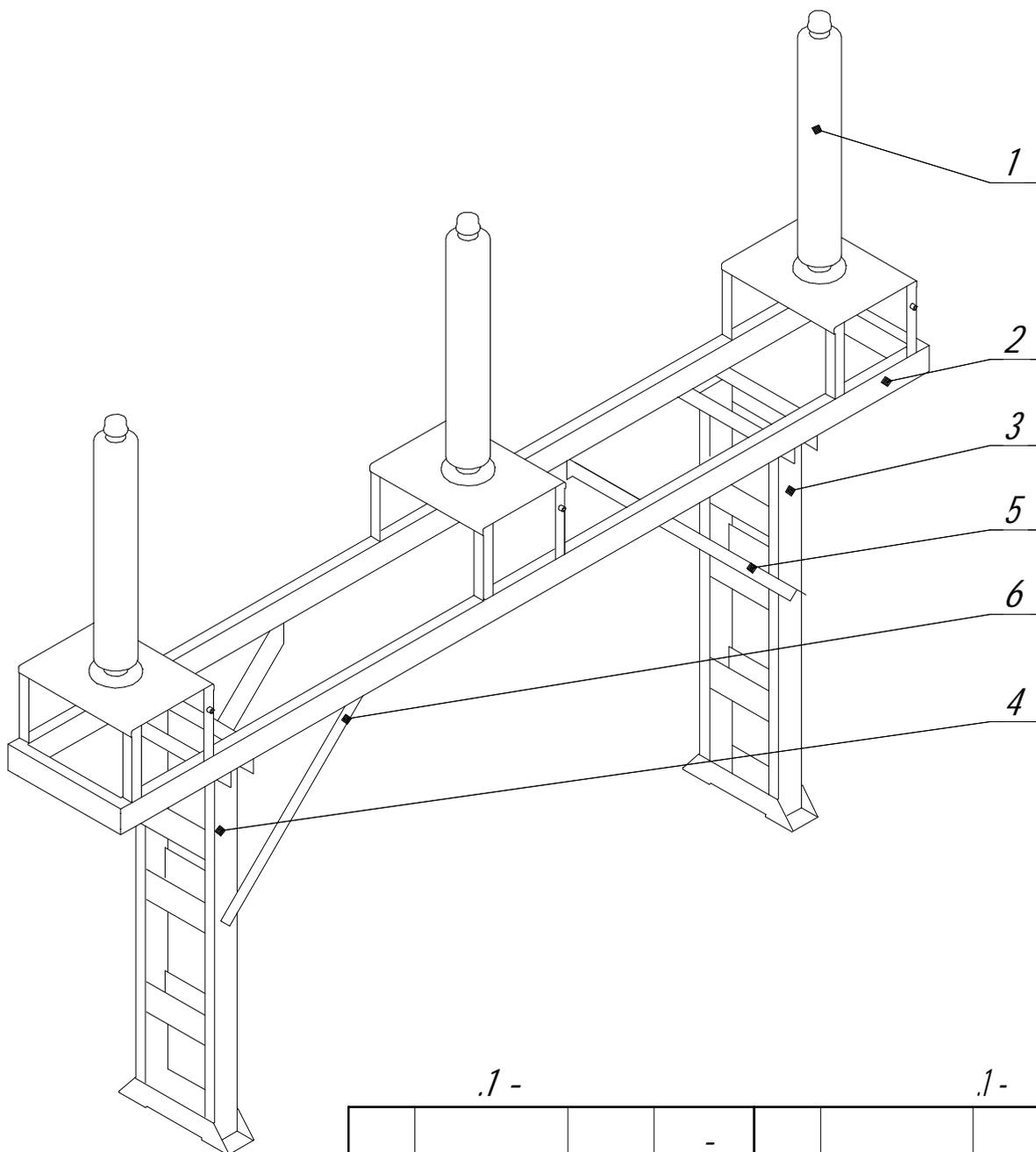
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9	0407-9177	19.04.2016

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9	0407-9177	19.04.2016	0 . 412.086 . 4	48
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		-				-	
1		-	3	7	16 45	-	16
2		-219	1	8	16 55	-	12
3		-20	1	9	16	-	28
4		-155	1	10	16	-	56
5		-35	2	11	16	-	28
6		-36	2	12	*	-	12
				13	*	-	12
				14	*	-	12
				15	*	-	24

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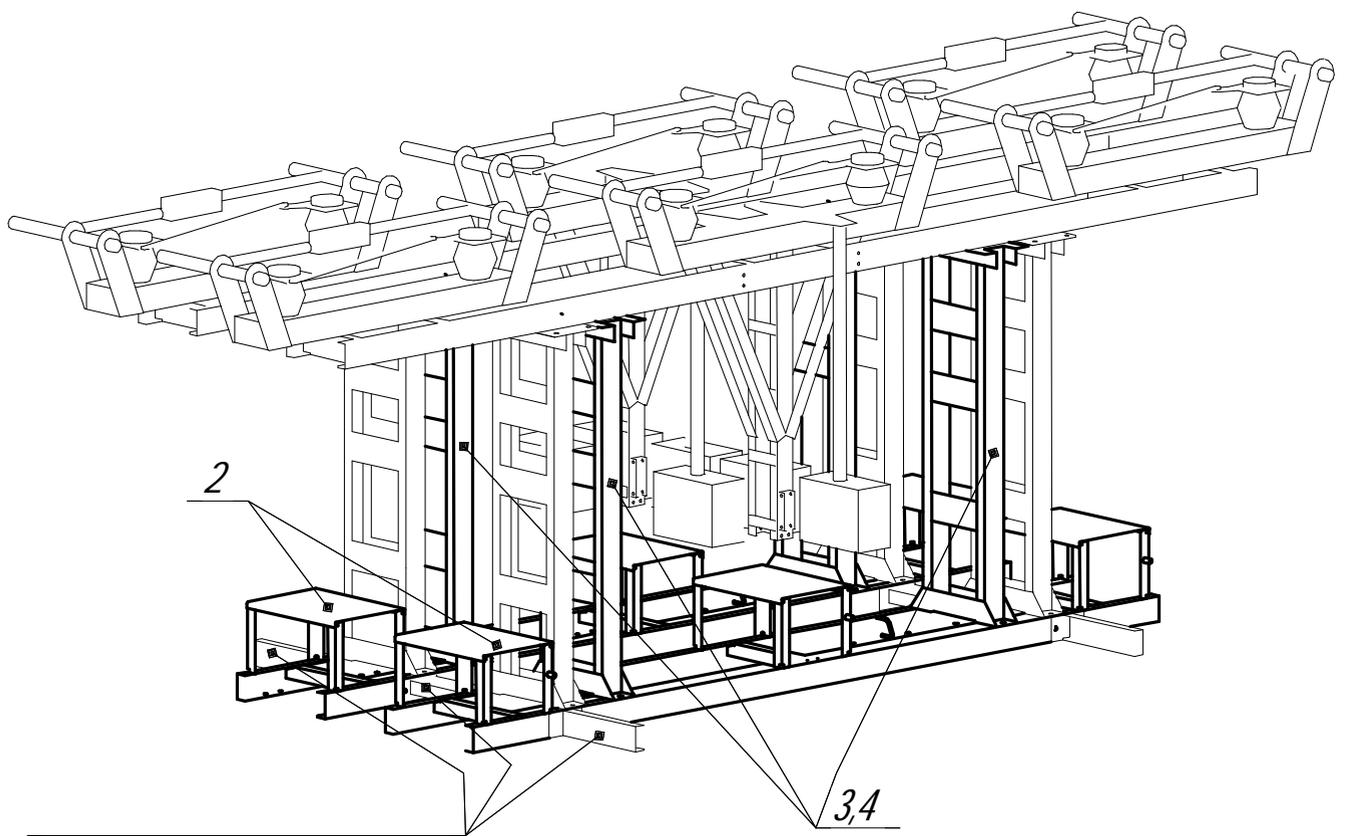
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110-63/2- - 1

9	0407-9177	19.04.2016
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0 .412.086 4

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. 2 - 110-63/2- - 1

9	0407-9177	19.04.2016	0 . 412.086 4	50
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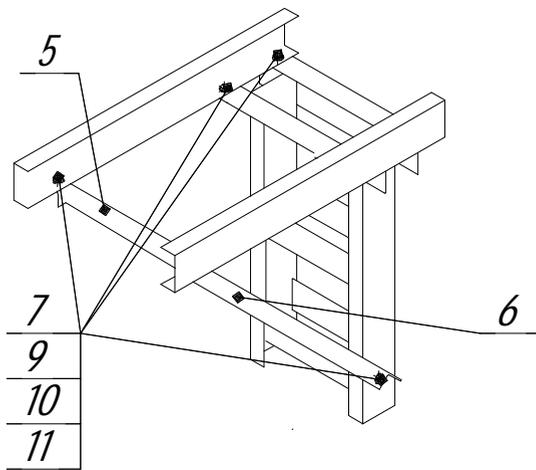
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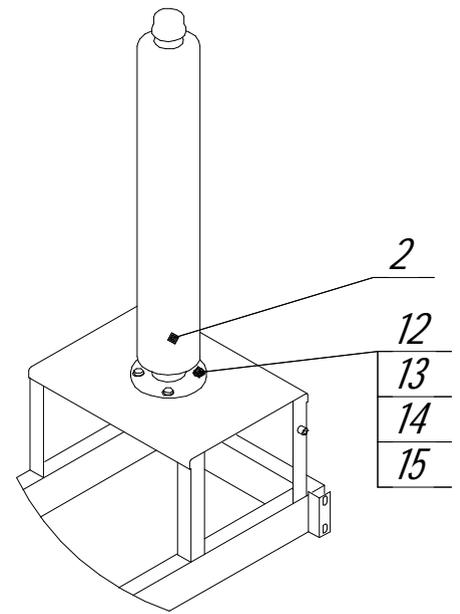
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9	0407-9177	19.04.2016	0 .412.086 4	51
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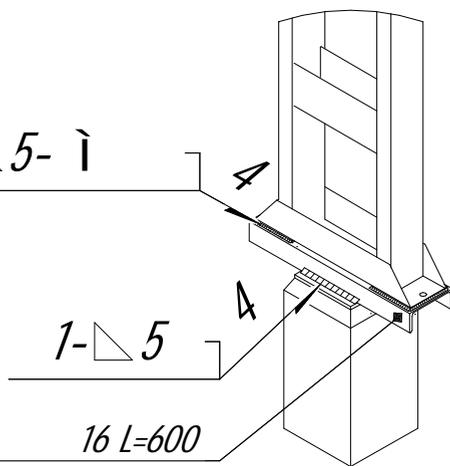


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110-63/2- - 1

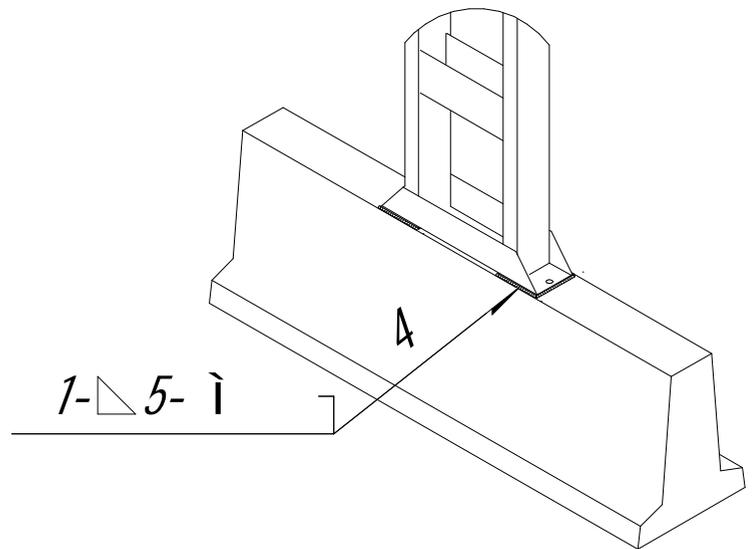
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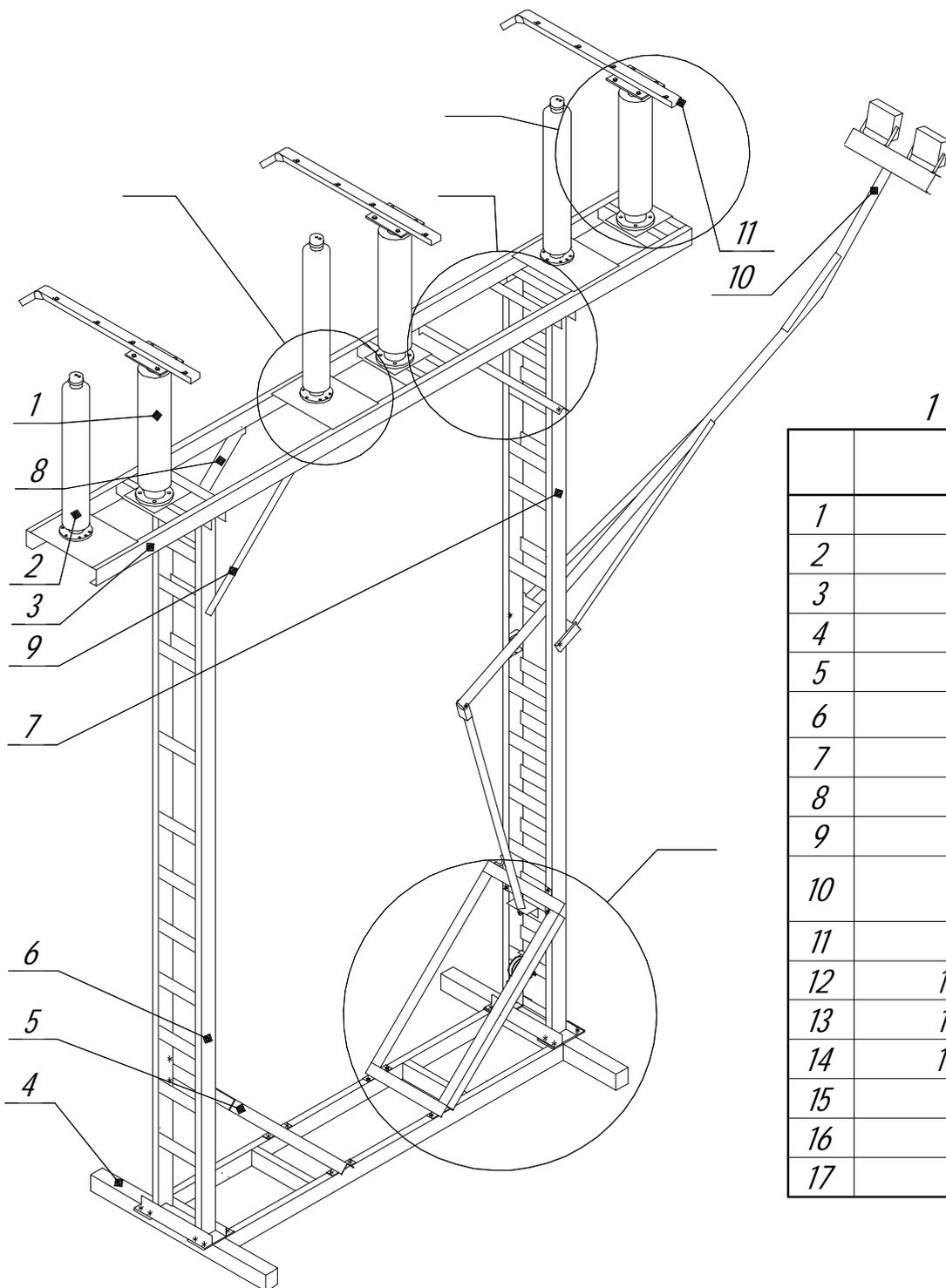
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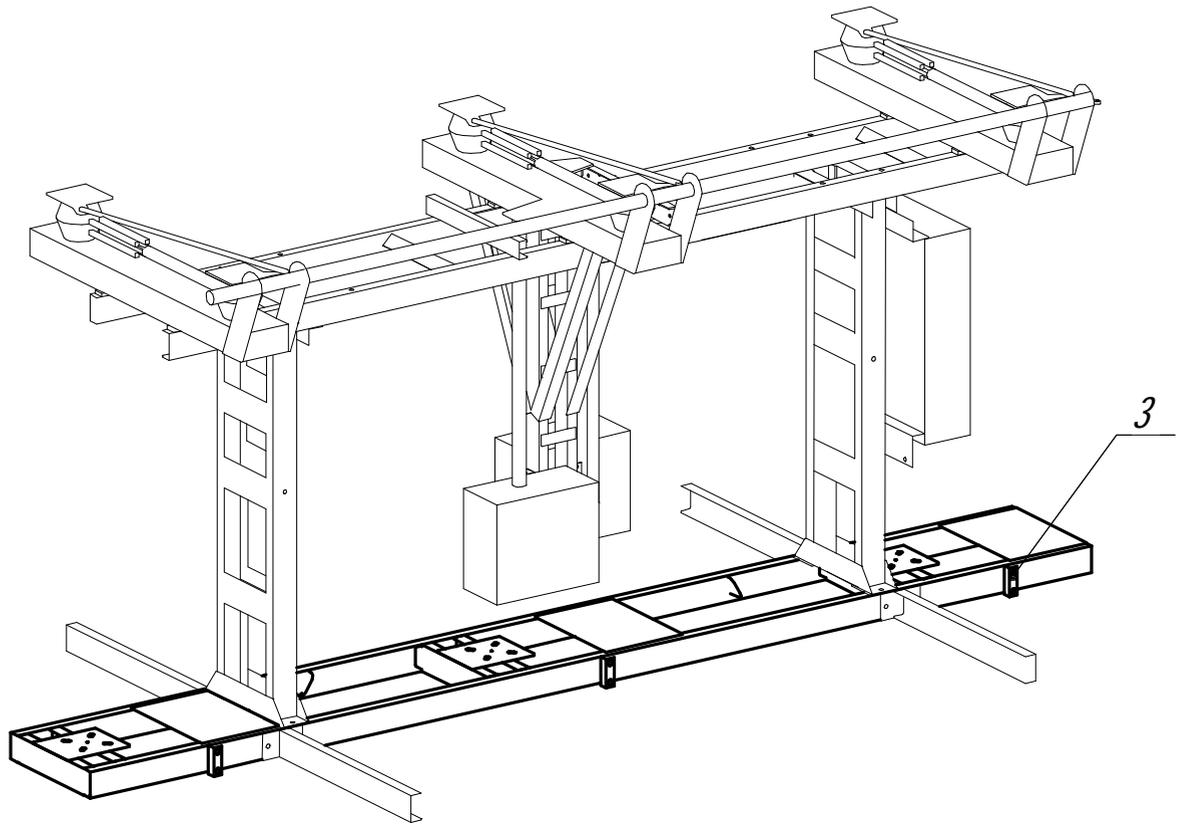
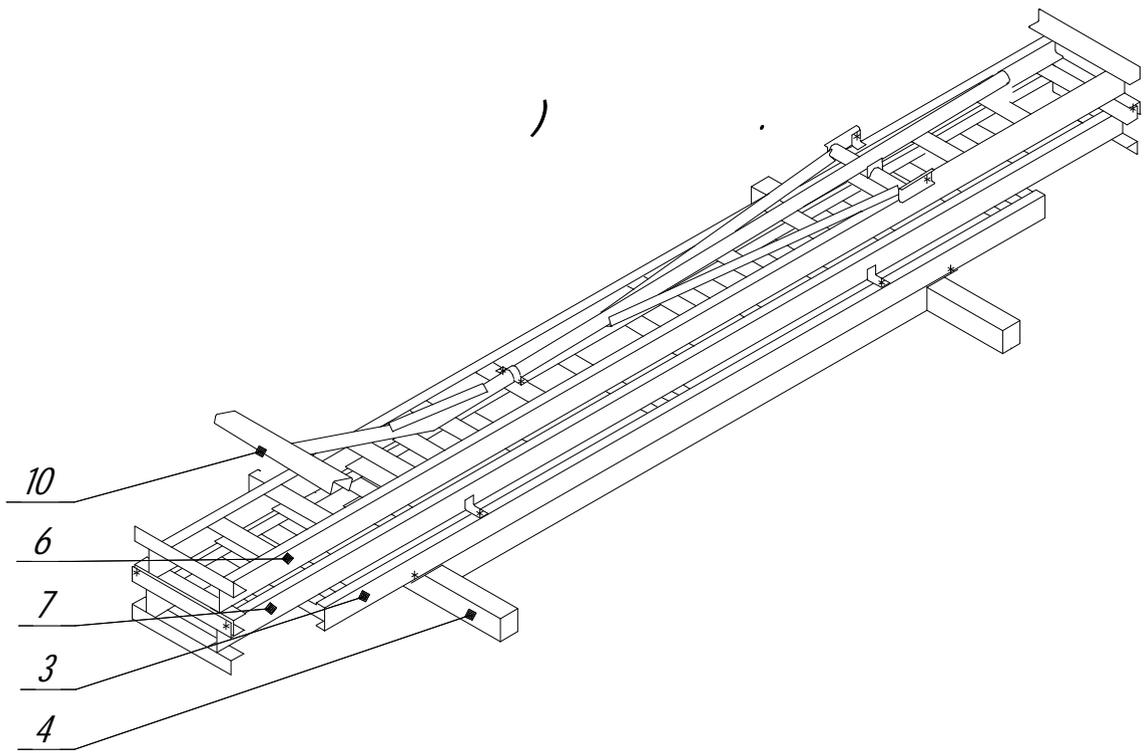
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4		-206	1
5		-207	2
6		-346	1
7		-347	1
8		-35	2
9		-36	2
10		-2	1*
11		-23	3
12	16 45	-	44
13	16 55	-	4
14	16 50	-	12
15	16	-	60
16	16	-	120
17	16	-	60

-35, -36 (2) , -207 (2) ,
 (3) ;
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110-68/2- - 1

9	0407-9177	19.04.2016	0 412.086 4	53
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650 .

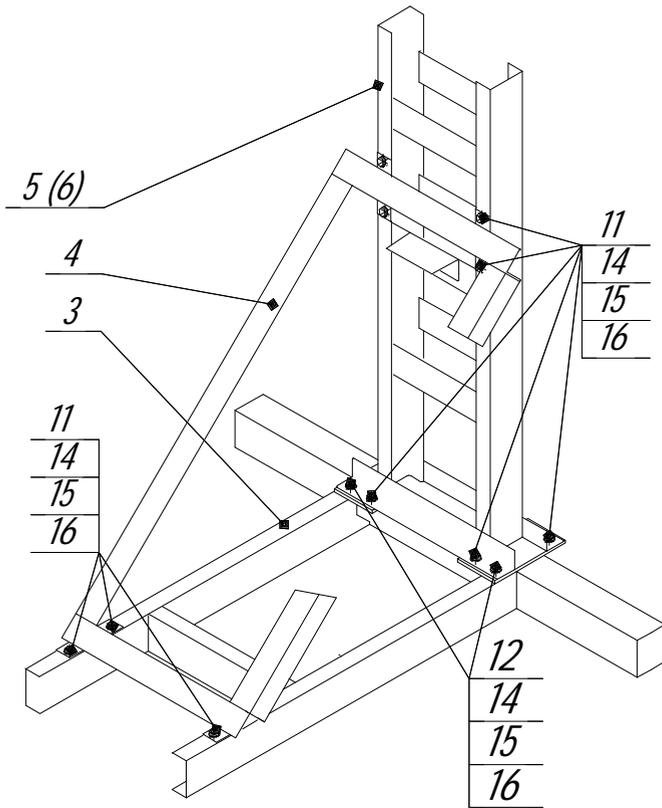
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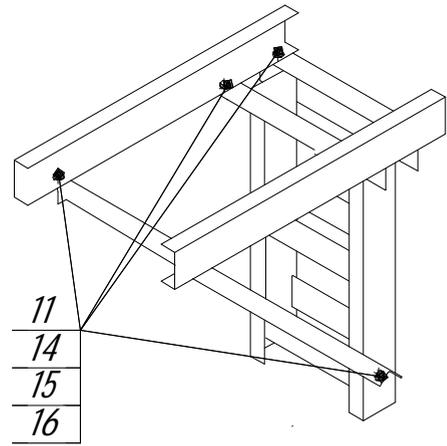
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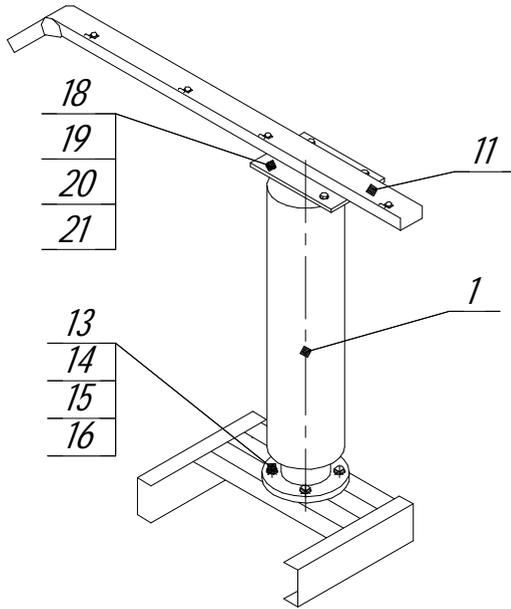
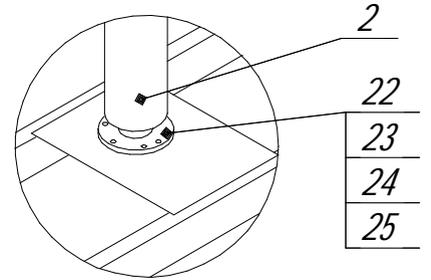
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110-68/2- - 1



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18	16x50	-	12
18	12x40	-	12
19	16	-	12
19	12	-	12
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21	16.65	-	12
21	12.65	-	12

-23.

110-68/2- - 1,

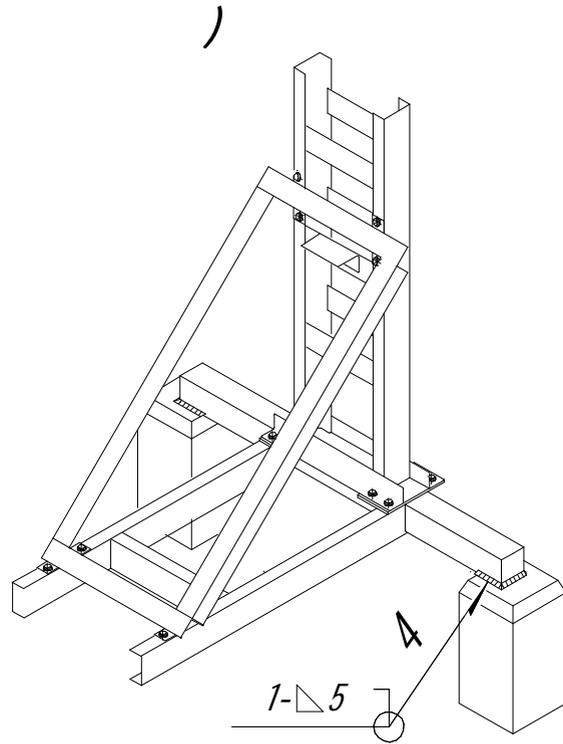
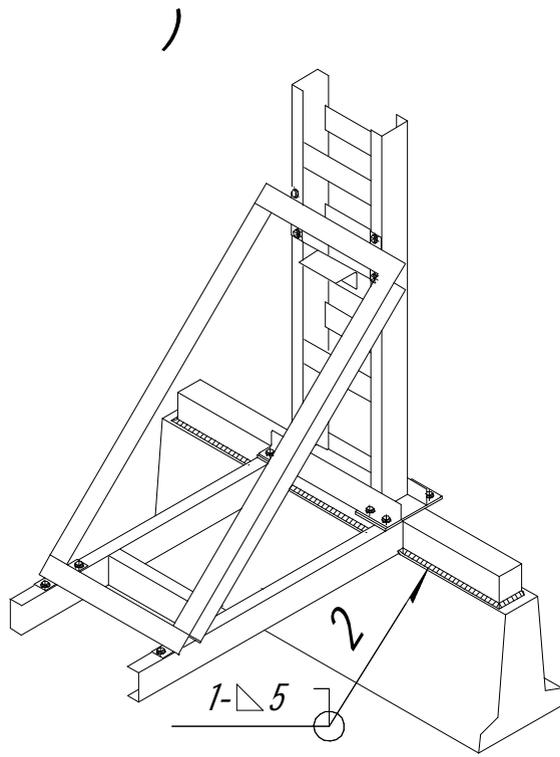
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□ (90 ÷ 160) Ç19 .

110-68/2- - 1.

9	0407-9177	19.04.2016
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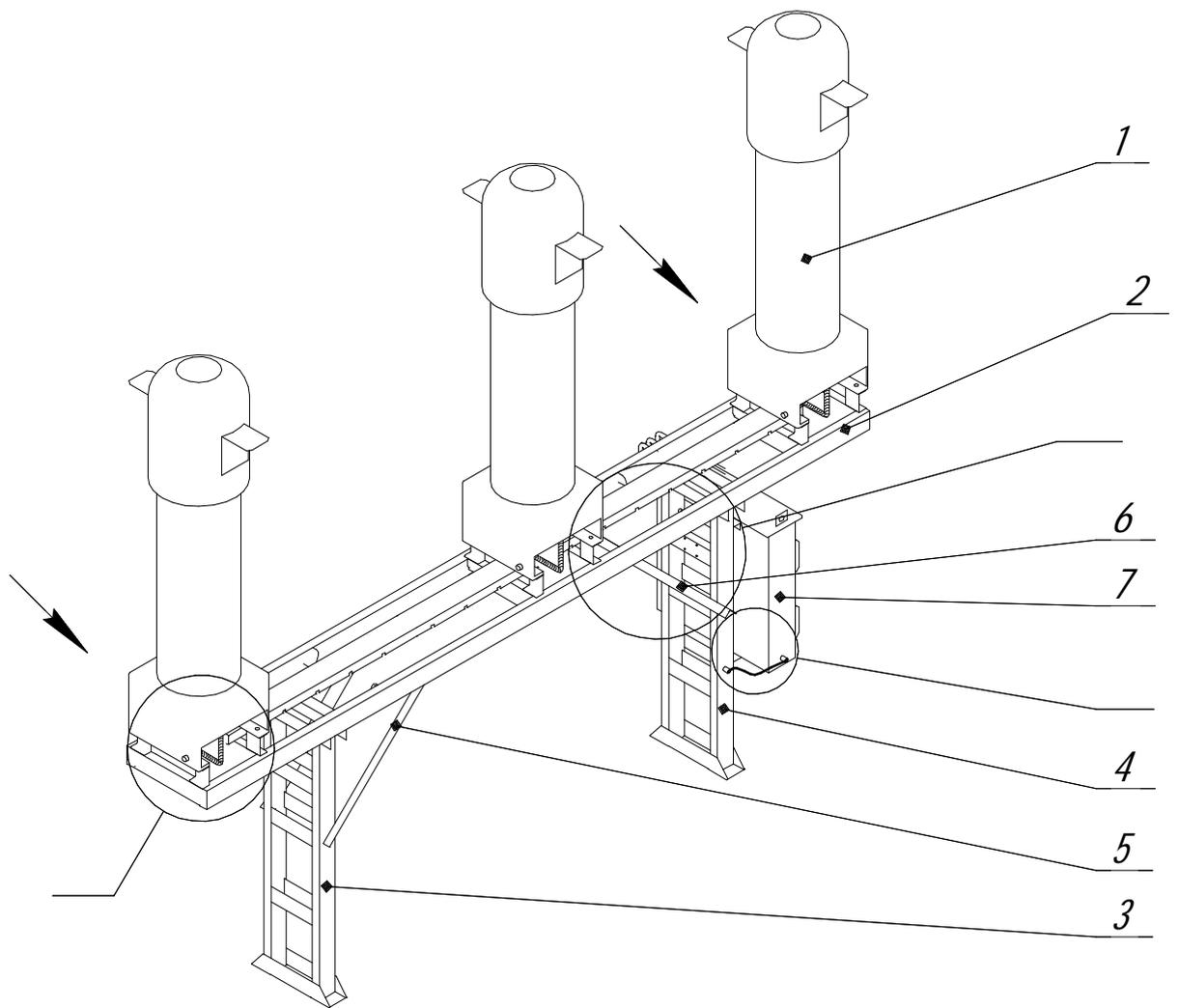


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110-68/2- - - 1

9	0407-9177	19.04.2016

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.1 -

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3		-20	1
4		-23	1
5		-35	2
6		-36	2
7		-	1
8		-	4
9	L=2500	-	1
10	L=3000	-	1
11	L=5500	-	1
12		-3	3
13		-3	1
14		-1	25
15		-209	4

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16	16 45	-	20
17	16 55	-	12
18	16	-	32
19	16	-	64
20	16	-	32
21	12 35	-	11
22	12	-	7
23	12	-	11
24	12	-	15
25	8 20	-	8
26	8	-	8
27	8	-	16
28	8	-	8

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TG-145-□	-346
IOSK 123	-348
IM -123	-350
-110-□	
-110	-351
-110	
JUK-123	-352
JOF-123	-352
-110-□	-353
-110 -□	-355
-110-□	-357
-110	-357
-110-□	-358
-110 -□	-358
-110	

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110-71/2- - -

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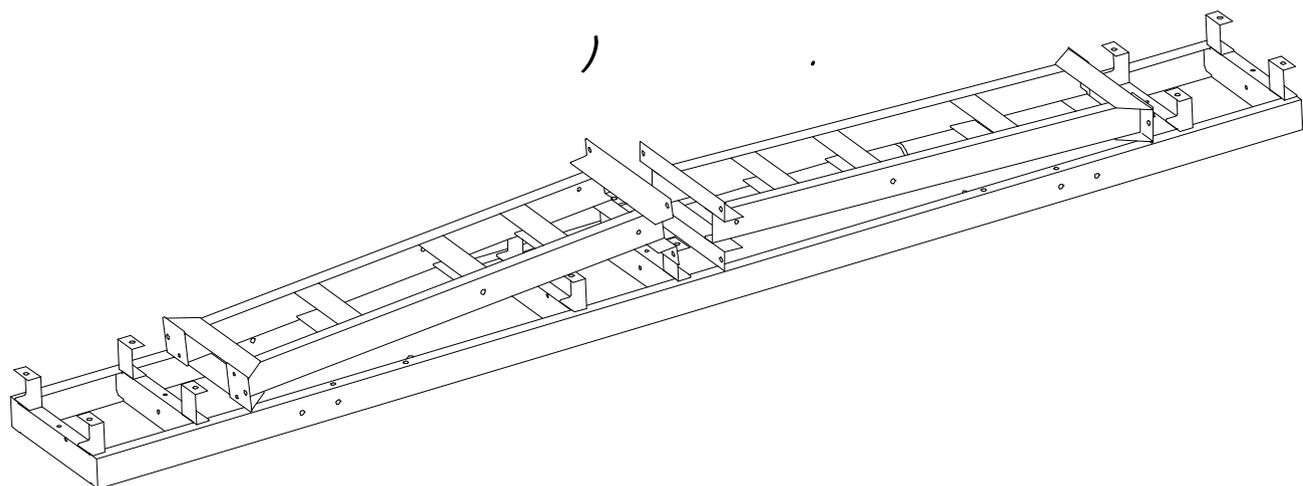
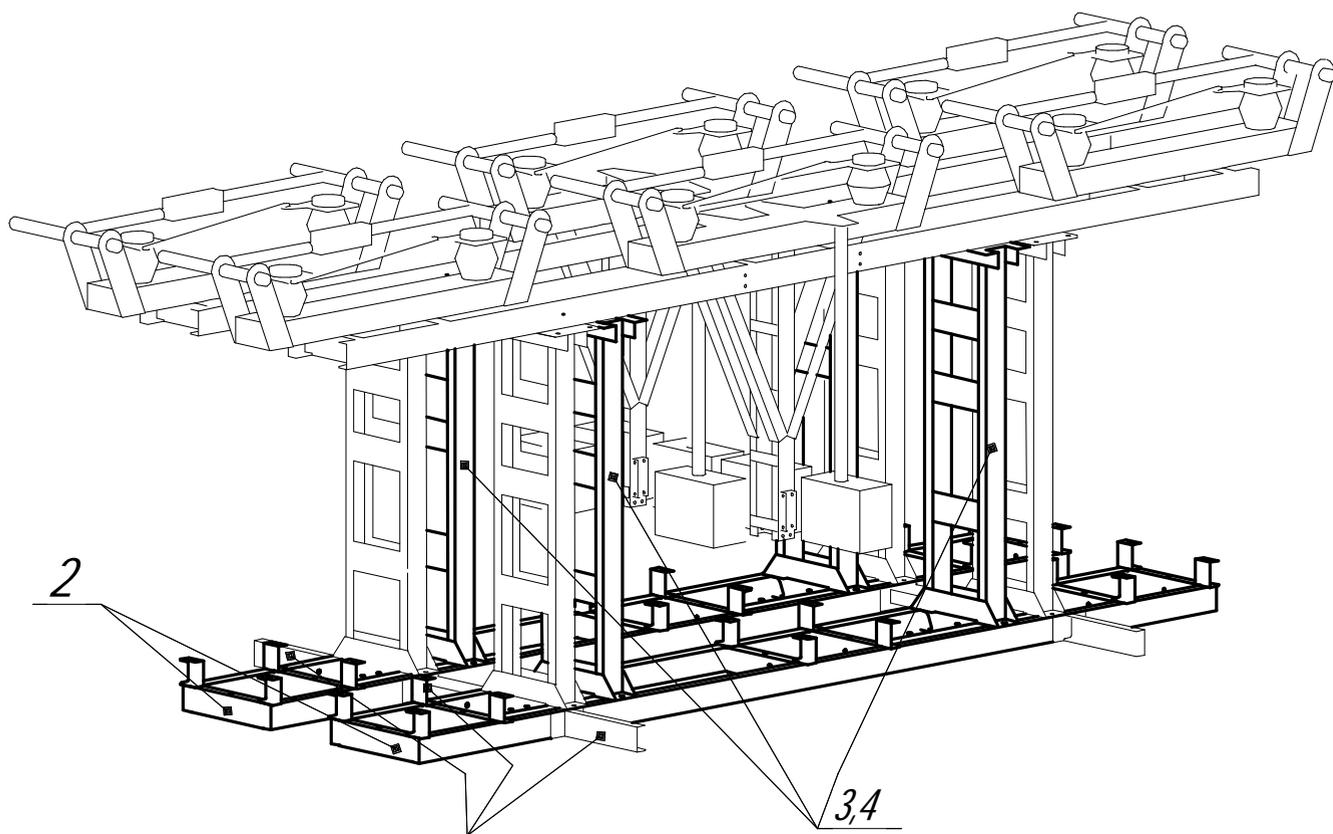
19.04.2016

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 9, 10, 11, . 12, . 13, . 14,
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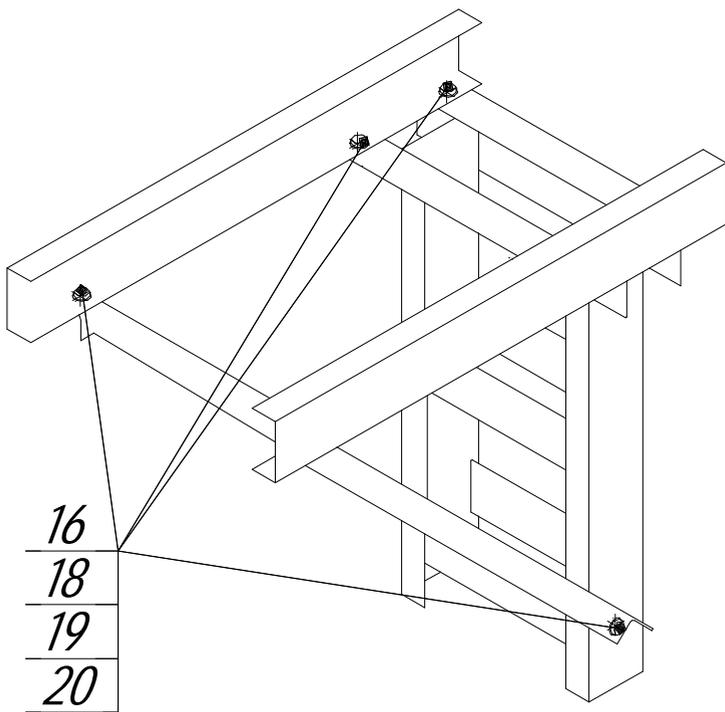
320 .

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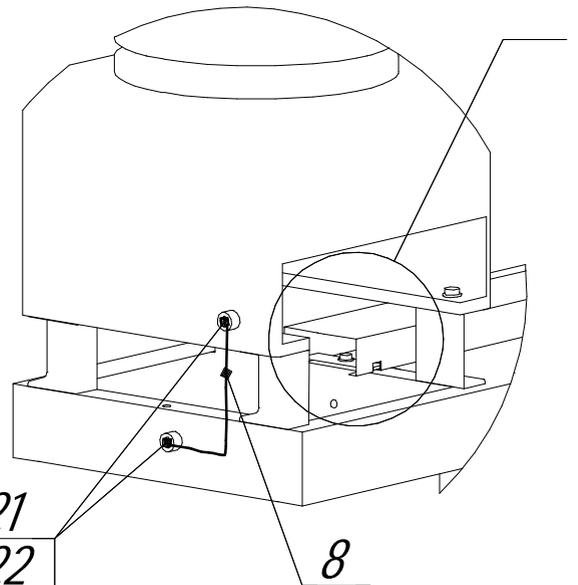
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9		0407-9177		19.04.2016			60

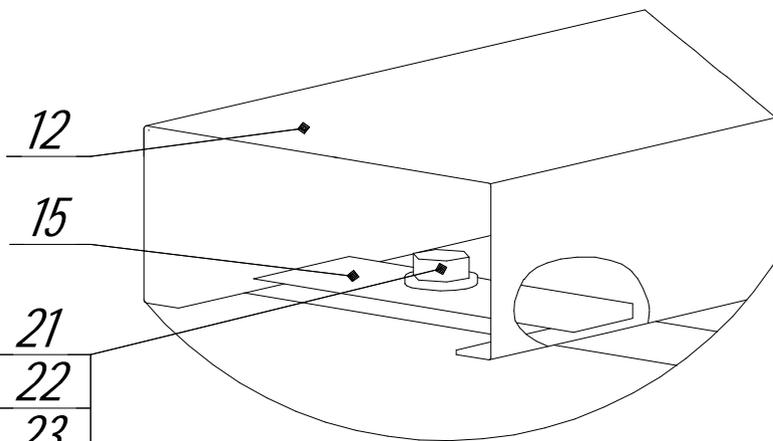


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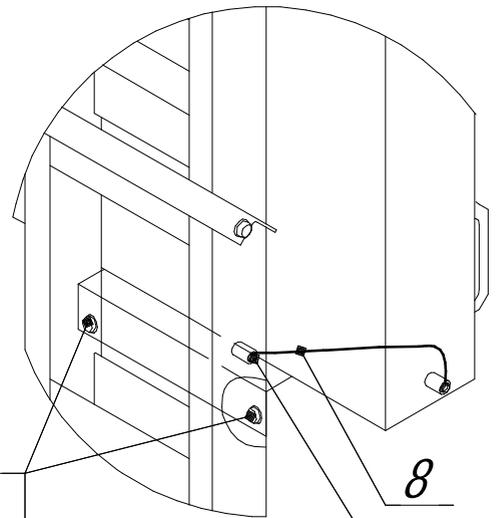


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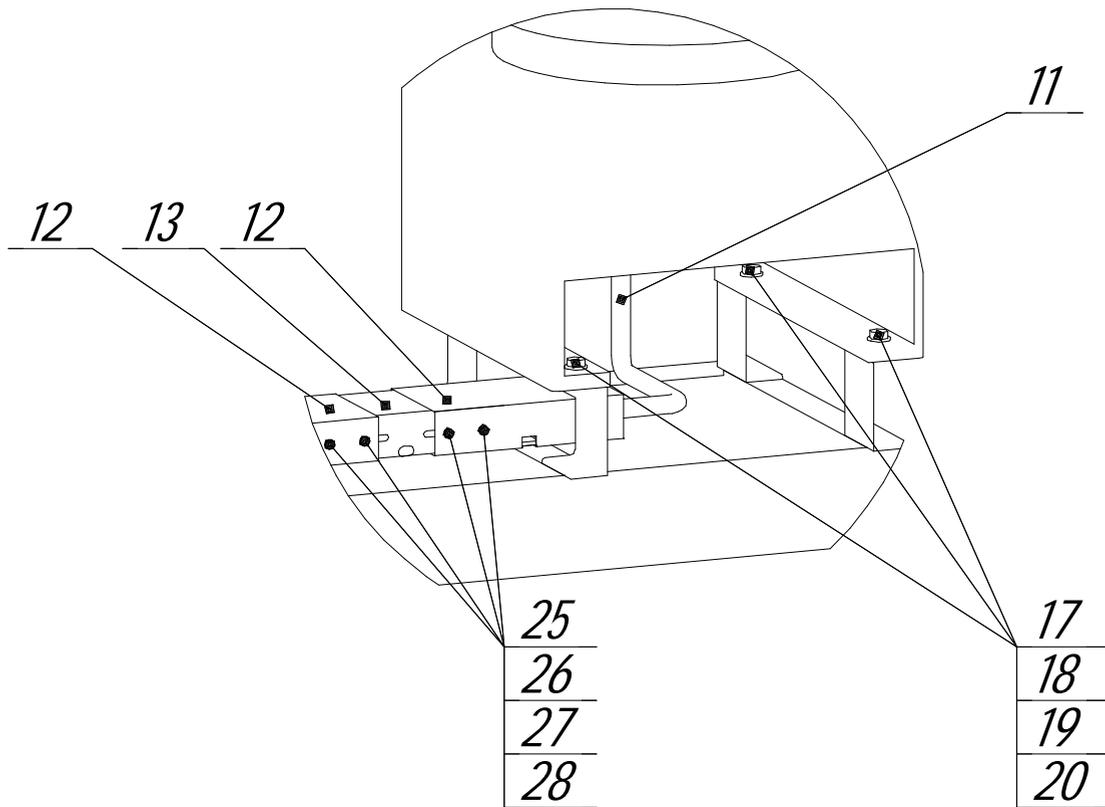
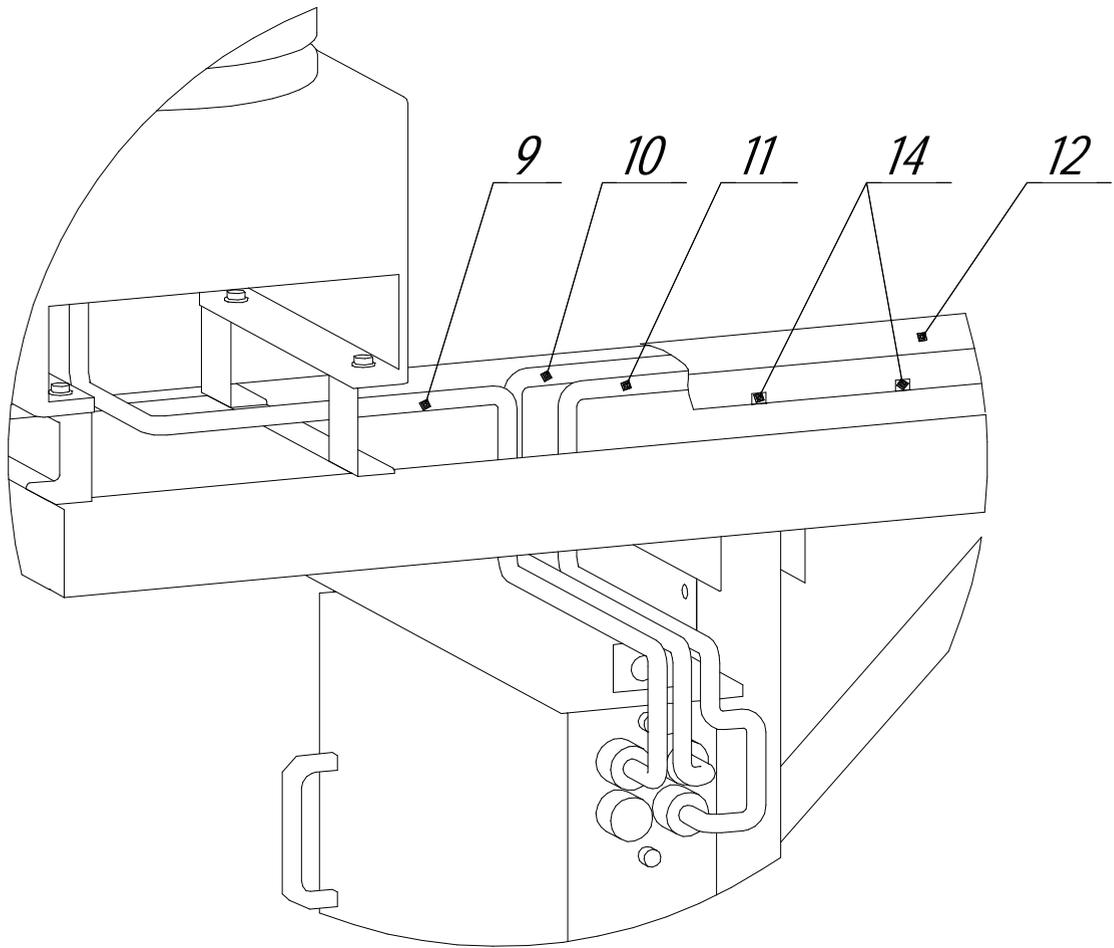
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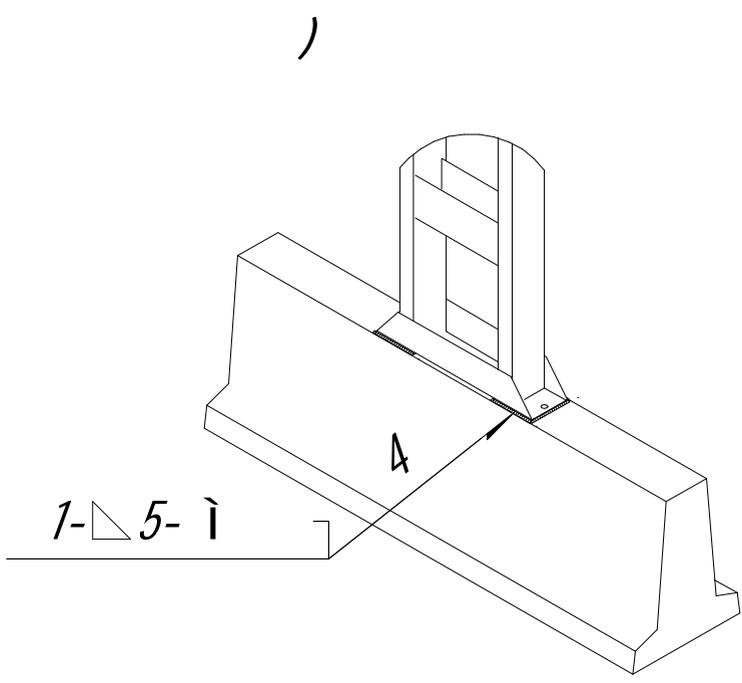
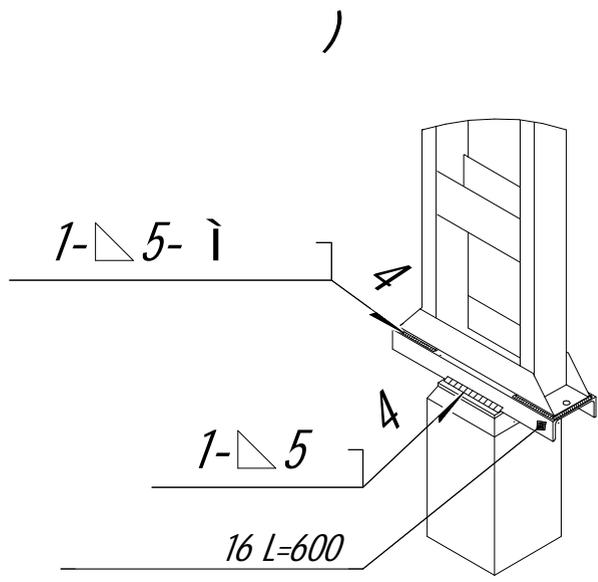
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9	0407-9177	19.04.2016
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16 L=600 , 2

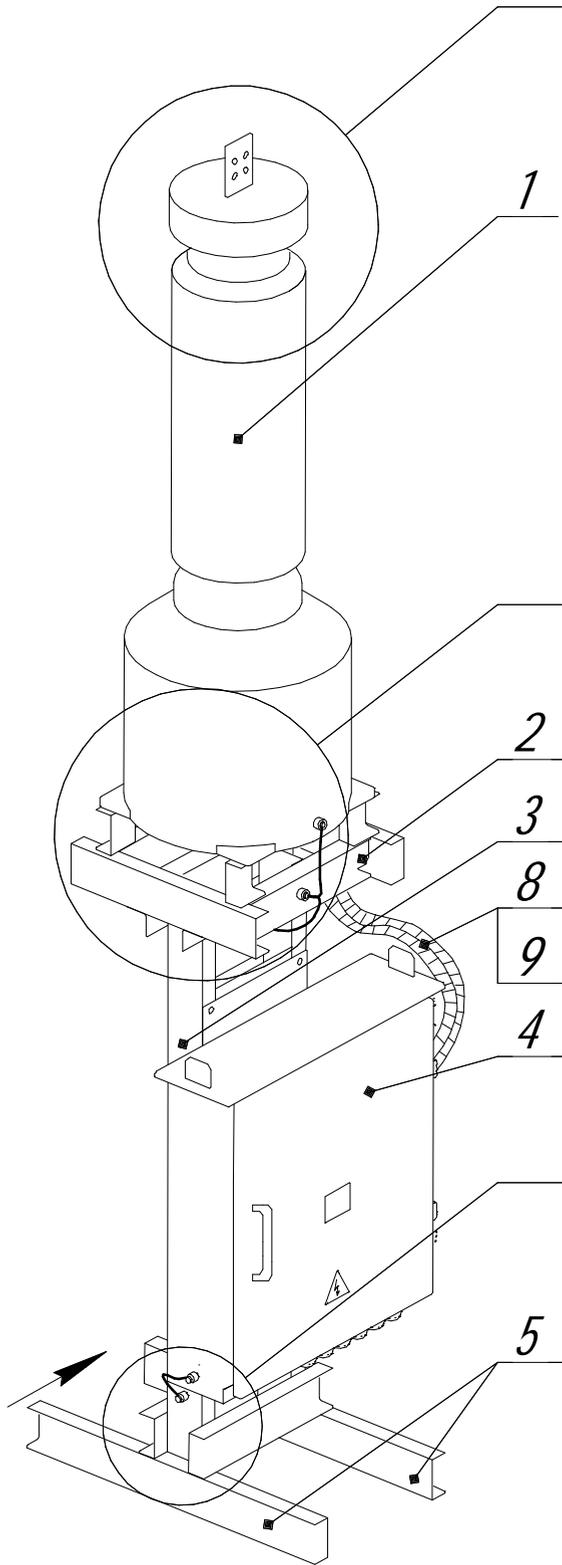
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9	0407-9177	19.04.2016	0 .412.086 4	63
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1		-	1
2		-*	1
3		-494	1
4		-	1
5		-244	2
6	L=340	-	1
7	L=1260	-	2
8	L=3000	-	2
9		-	2
10**		-140	1
11	16 55	-	12
12***		-	4
13	16	-	20
14	16	-	20
15	16	-	36
16	12 35	-	4
17	12	-	4
18	12	-	4
19	12	-	8

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	*
-123	-385
CPTf 123	-386
-123	-387
VEOT-123	-388
EOF-123	
-110	-389
-110	-390
TEMP 123	-391
-110	-392
-110	-394
-110	
-110	-393
-110	-394
-123	

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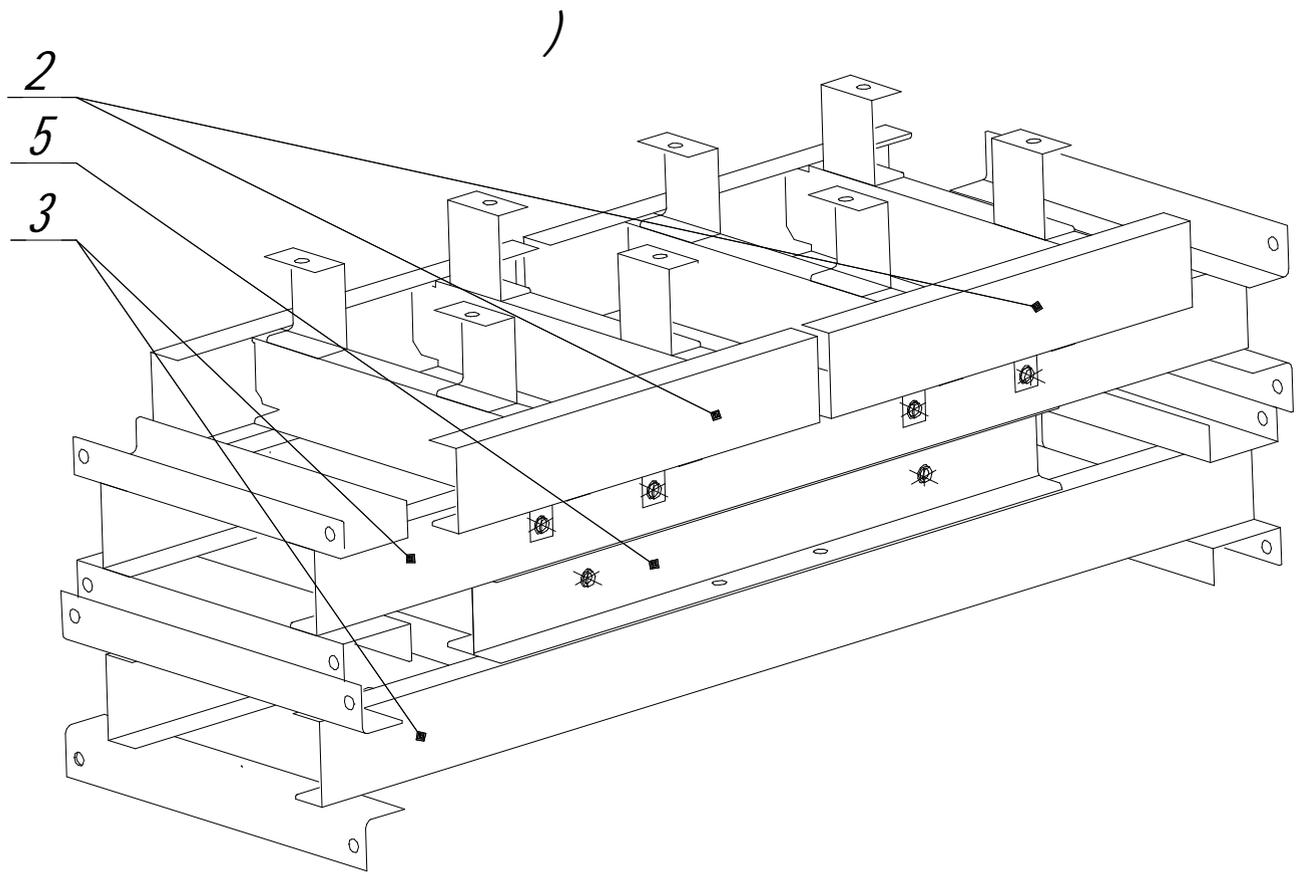
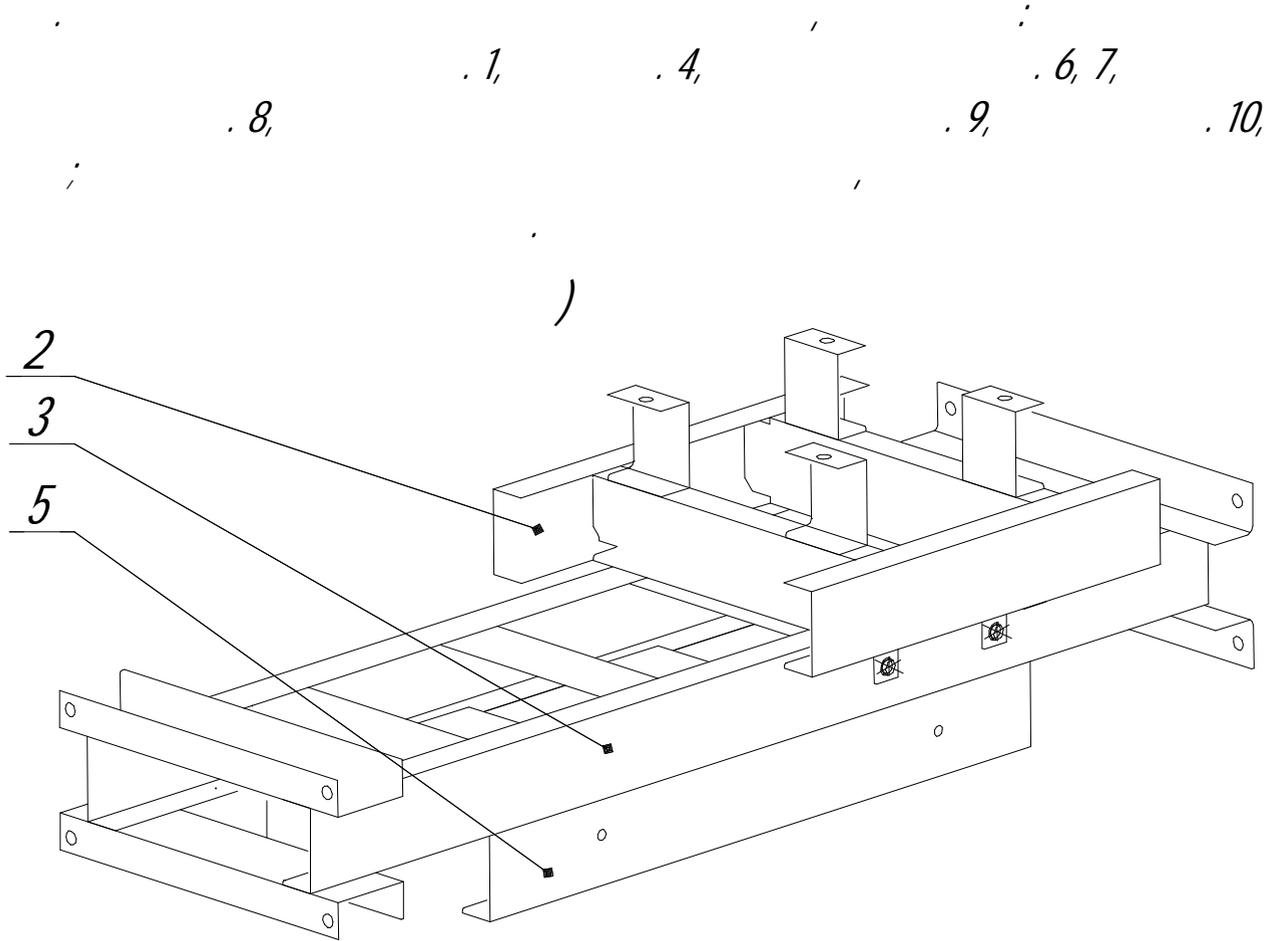
(2).
TEMP 123, -110, -110, -110, -110.
-110, TEMP 123, -110, -110, -110, -110.

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9	0407-9177	19.04.2016
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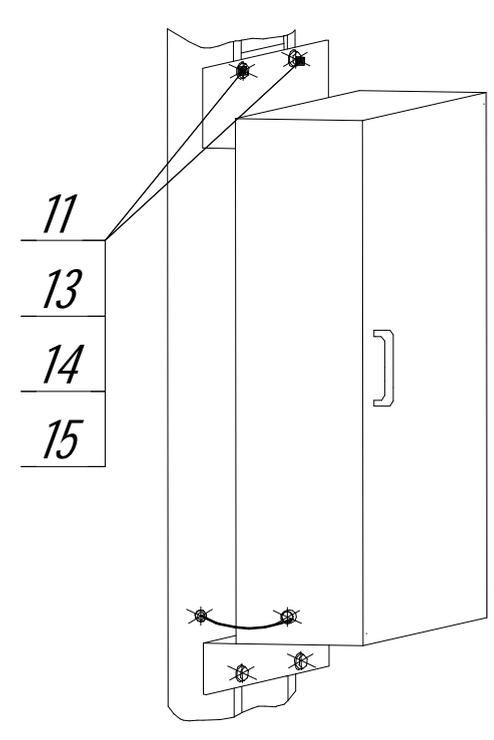
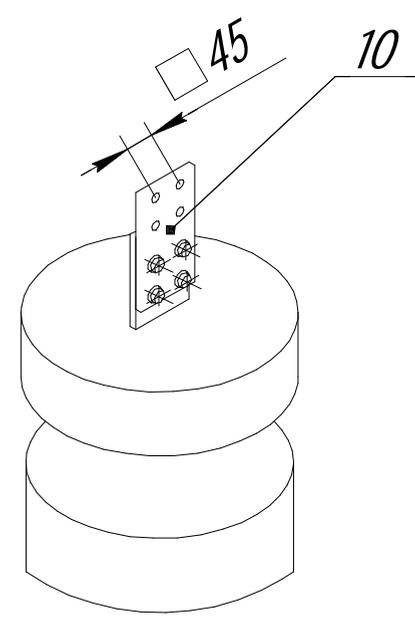
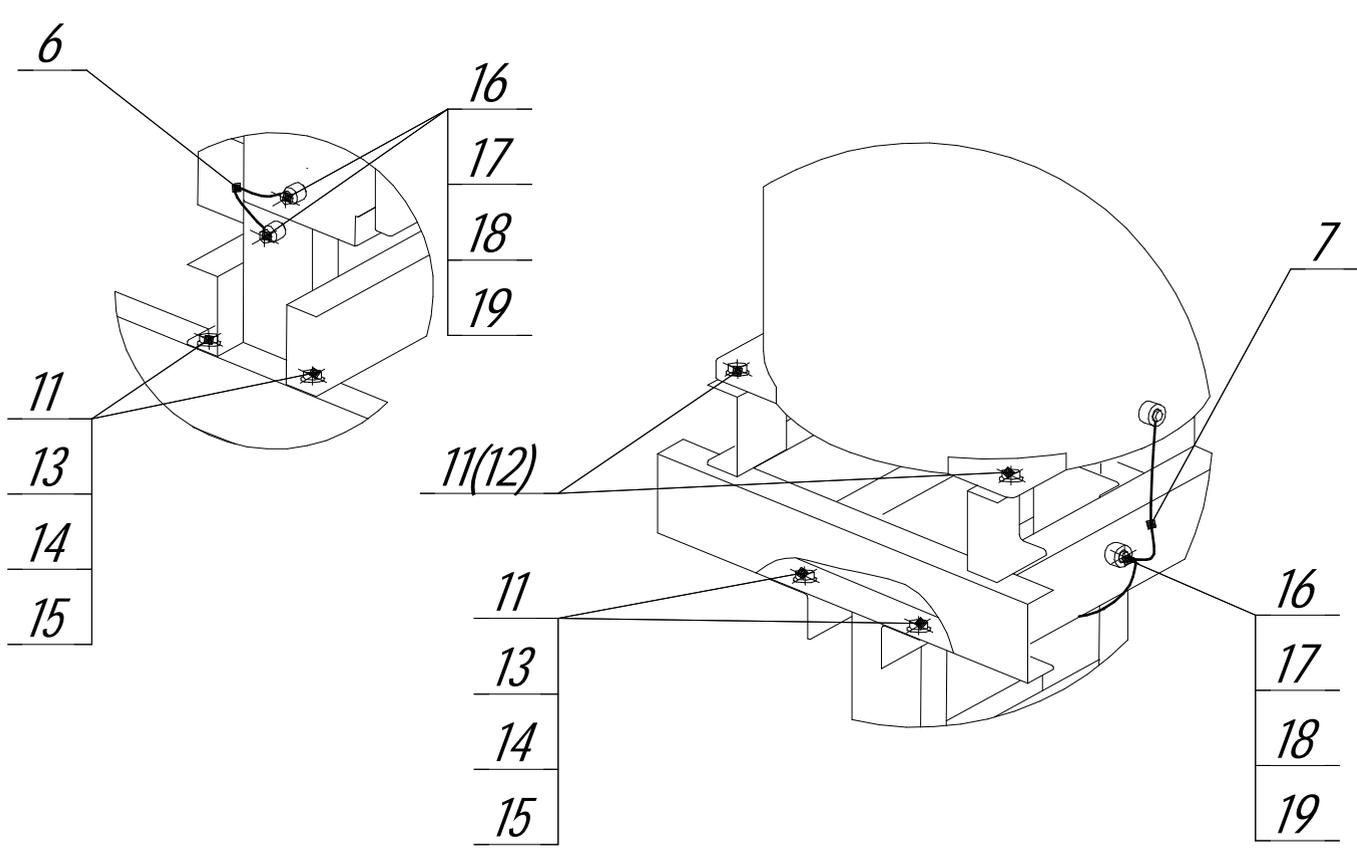
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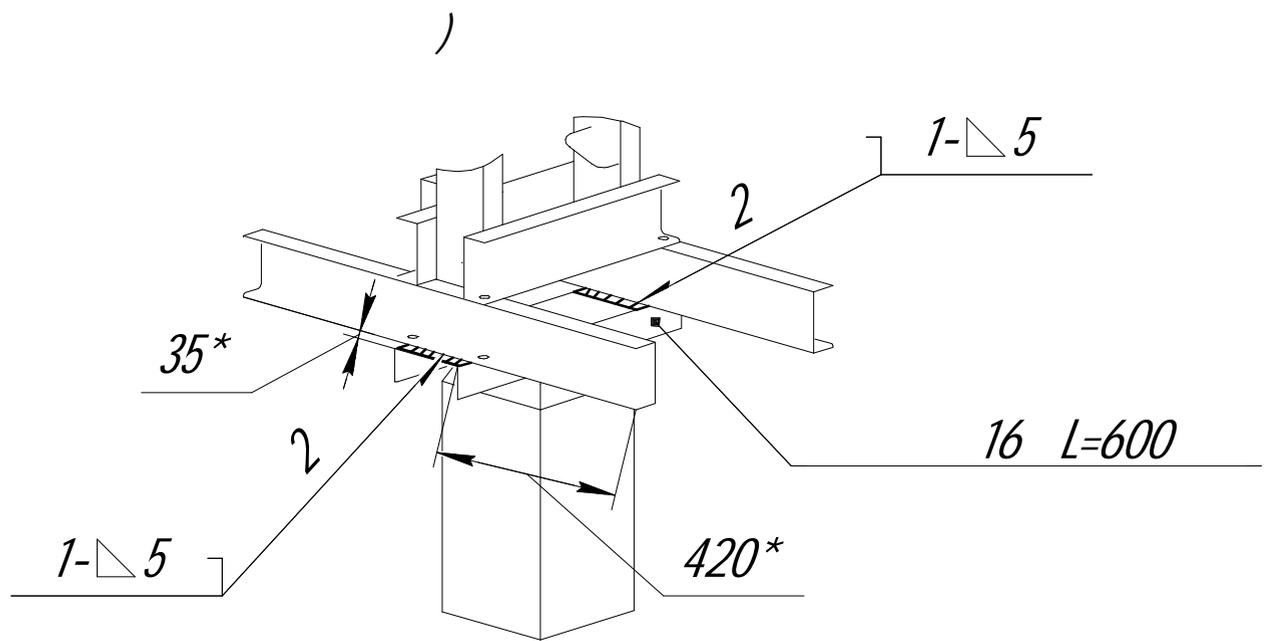
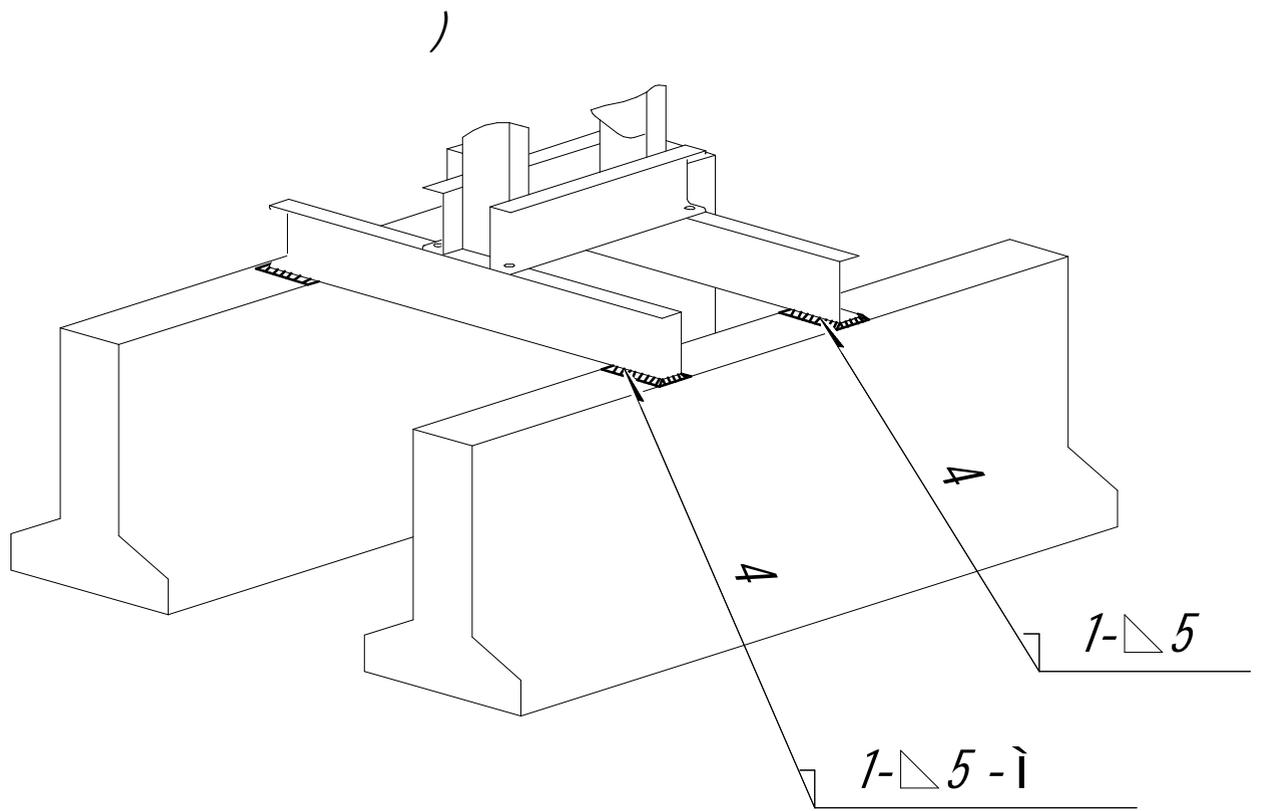


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9	0407-9177	19.04.2016
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9	0407-9177	19.04.2016

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Приложение И

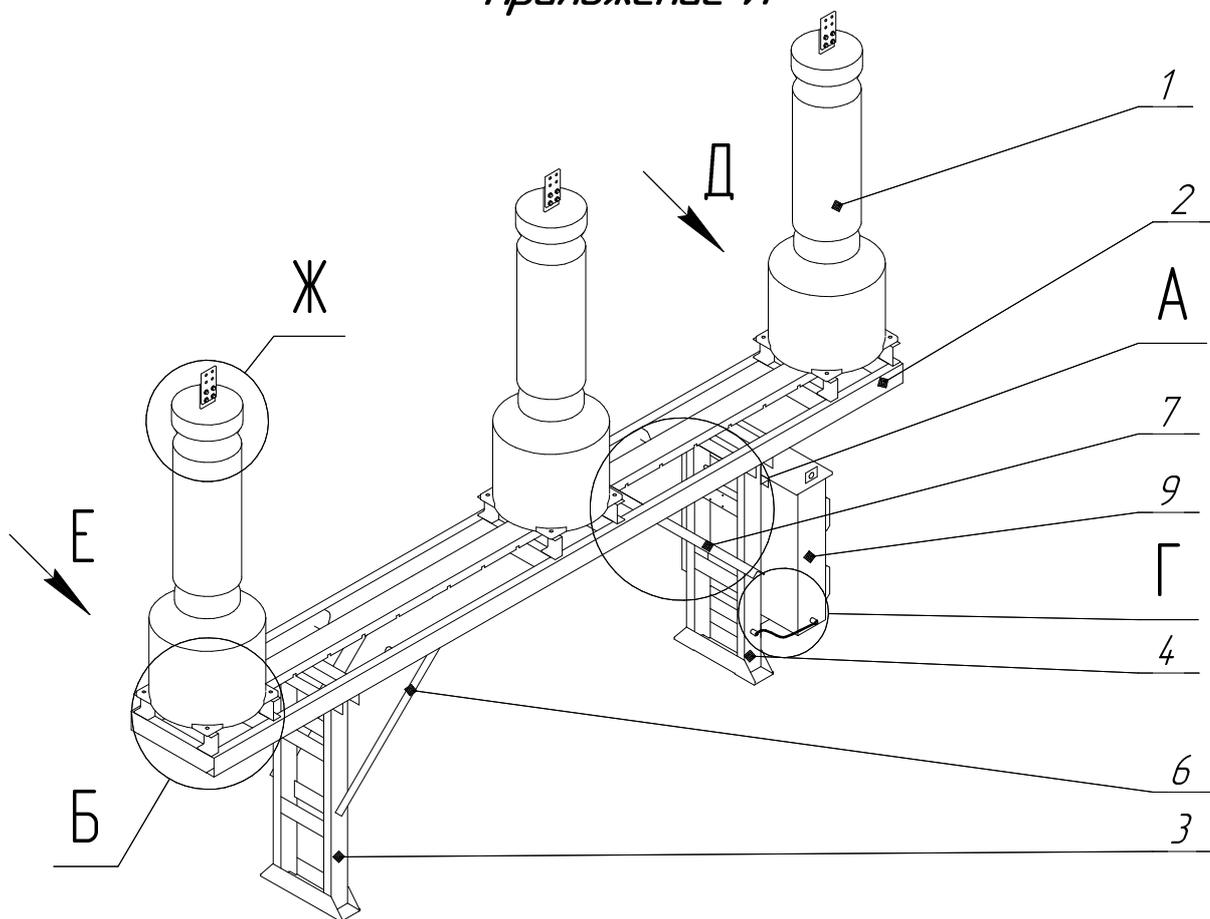


Таблица И.1 – Спецификация

Позиция	Наименование	Марка	Количество
1	Трансформатор напряжения	-	3
2	Рама	Р-*	1
3	Стойка	С-20	1
4	Стойка	С-23	1
5	Кронштейн		4
6	Уголок	У-35	2
7	Уголок	У-36	2
8	Пластина**	ПЛ-140	3
9	Шкаф	-	1
10	Шина заземления	-	4
11	Металлоручка L=2500 мм	-	1
12	Металлоручка L=3000 мм	-	1
13	Металлоручка L=5500 мм	-	1
14	Лоток	Л-3	3
15	Вкладыш	ВЛ-3	1
16	Планка	ПЛ-1	25

Продолжение Таблицы И.1 – Спецификация

Позиция	Наименование	Марка	Количество
17	Пластина	ПЛ-209	4
18	Болт М16х45	-	24
19	Болт М16х55	-	12
20	Гайка М16	-	36
21	Шайба А16	-	72
22	Шайба 16Г	-	36
23	Болт М12х35	-	11
24	Болт М12х45	-	12
25	Гайка М12	-	19
26	Шайба А12	-	39
27	Шайба 12Г	-	23
28	Болт М8х20	-	8
29	Гайка М8	-	8
30	Шайба А8	-	16
31	Шайба 8Г	-	8

Таблица И.2

Тип ТТ	Марка рамы*
СРА-123	Р-347
СРТf 123	Р-349
СРВ-123	Р-350
VEOT-123	Р-352
EOF-123	
ЗНГ-110	Р-353
ЗНГА-110	Р-354
ТЕМР 123	Р-356
НАМИ-110	Р-357
ЗНОГ-110	Р-358
НОГ-110	
НДКМ-110	Р-359
НКФ-110	Р-358
НКФА-123	

Примечание: *Маркировка рамы зависит от типа трансформатора напряжения (Таблица И.2).

**Пластина поставляется только с ТЕМР 123, НОГ-110, ЗНОГ-110.

Рисунок И.1 – Блок трансформаторов напряжения Б110-74/2-К

Инд. № подл.	Подп. и дата	Взам. инв. №	Инд. № докл.	Подп. и дата
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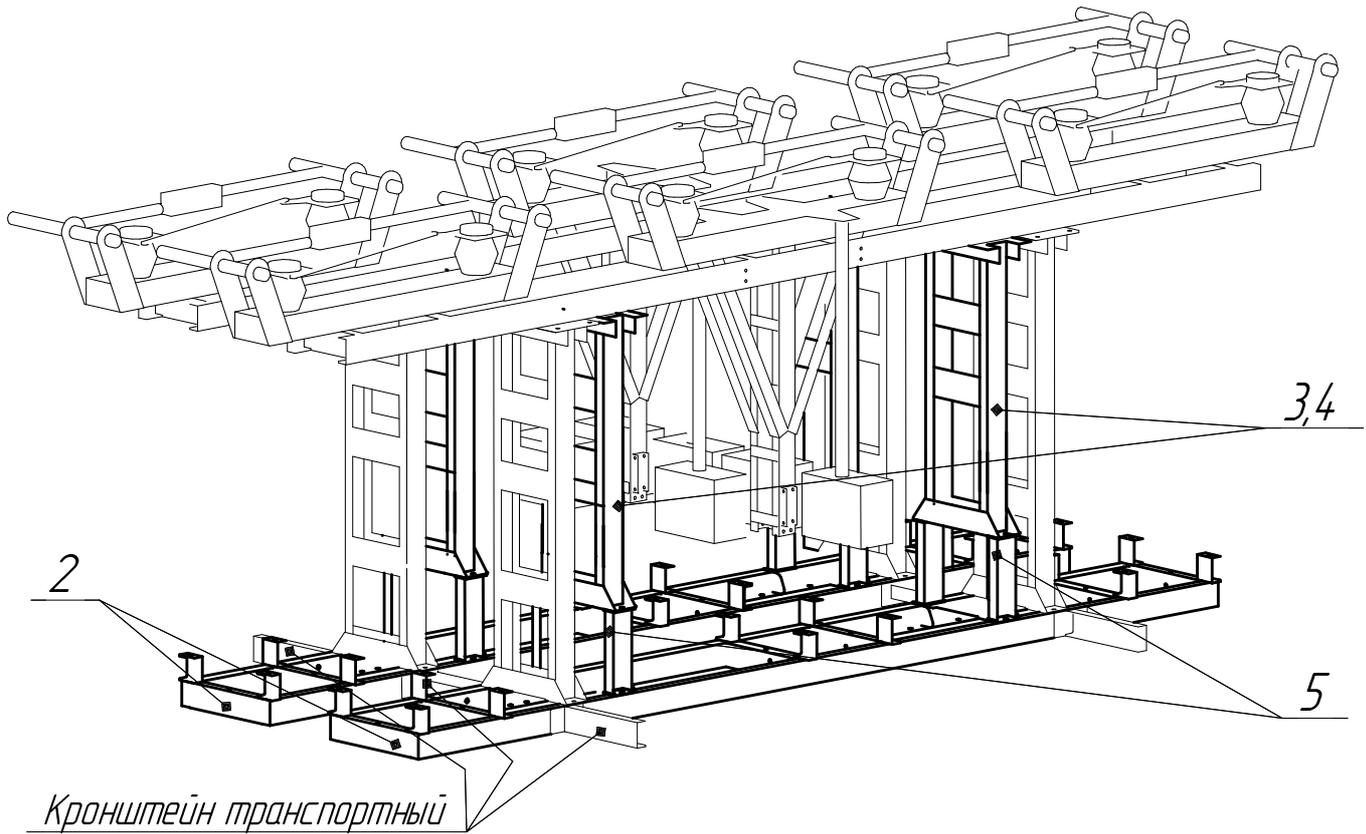
10	Зам.	0407-10278		16.01.2018
Изм.	Лист	№ докум.	Подп.	Дата

ОГК.4 12.086 Т04

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Блок трансформаторов напряжения для уменьшения габаритов транспортируется в виде связки. В состав связки входят не все элементы блока, часть узлов : трансформаторы напряжения поз. 1, уголки поз. 6, 7, шкаф поз. 9, шина заземления поз. 10, металлорукова поз. 11, 12, 13, лоток поз. 14, вкладыш поз. 15, планка поз. 16, пластина поз. 17, метизы; транспортируются в отдельных грузовых местах, перечень которых указан в комплекточной ведомости на заказ.

а) Блок в составе транспортного пакета разъединителя



б) Блок в связке

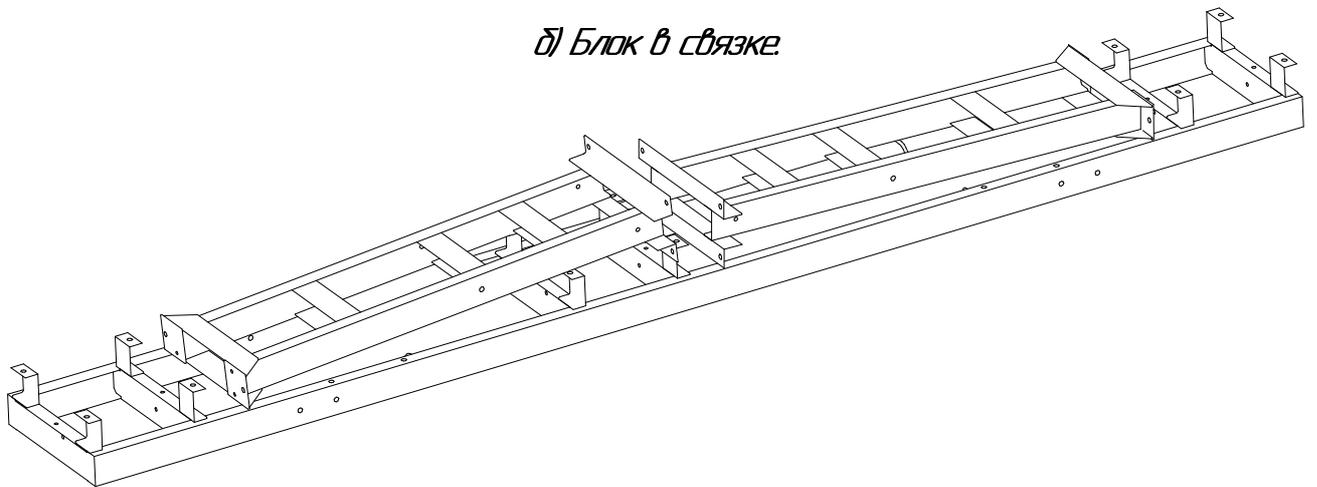


Рисунок И.2 – Виды блока Б110-74/2-К в транспортном положении

Инв. № подл.	Подп. и дата
Взам. инв. №	Инв. № д/д/л
Подп. и дата	

10	Зам.	0407-10278		16.01.2018
Изм.	Лист	№ докум.	Подп.	Дата

ОГК.4 12.086 Т04

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Монтаж блока Б110-74/2-К

По комплектационной ведомости на заказ, в разделе блока Б110-74/2-К определить грузовые места комплектующих входящих в состав блока.

Разместить транспортную связку и остальные комплектующие блока рядом с местом его установки. Демонтировать крепеж и кронштейны поз. 5 транспортной связки. Смонтировать узлы блока согласно поясняющим видам (А, Б, В, Г, Д, Е, Ж). Сборку блока без установленных трансформаторов напряжения допускается производить на земле в горизонтальном (лежащем) положении блока, с последующим подъемом на фундамент за строповочные скобы в раме Р-*. Масса металлоконструкции блока без трансформаторов напряжения составляет 320 кг. В процессе сборки блока после затяжки крепежа раскернить виток резьбы между болтом и гайкой в трех точках с повреждением резьбы не менее 3 мм, для предотвращения откручивания.

После установки блока на фундамент, не отцепляя подъемных строп, необходимо приварить стойки к закладным элементам фундамента, согласно вида приварки блока Б110-74/2-К к закладным элементам фундамента, сварочные швы зачистить и покрыть эмалью ПФ-115 серый из состава ЗИП. После закрепления блока на фундаменте установить трансформаторы напряжения. Лотки поз. 12 поставляются мерной длины, при необходимости на месте монтажа допускается резать.

Инв. № подл.	Подп. и дата	Взам. инв. №	Инв. № д/д/л	Подп. и дата	ОГК.4 12.086 Т04	Лист
10	Зам.	0407-10278	16.01.2018			71
Изм.	Лист	№ докум.	Подп.	Дата		

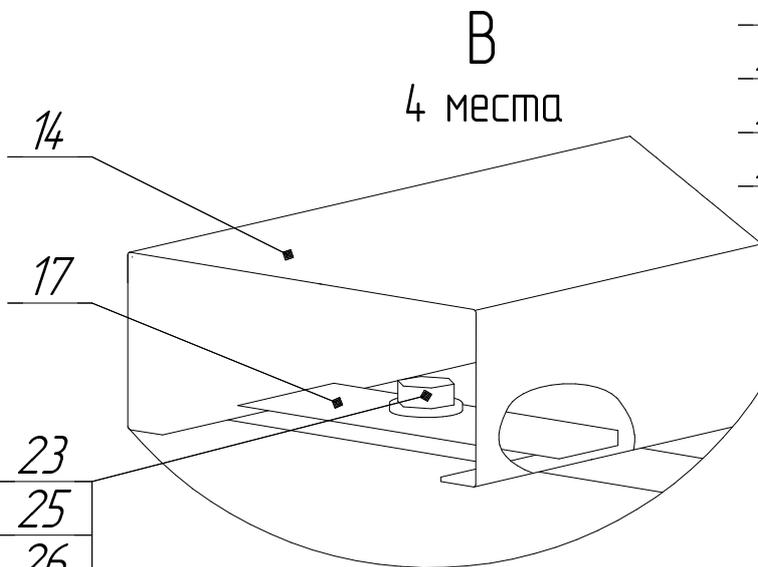
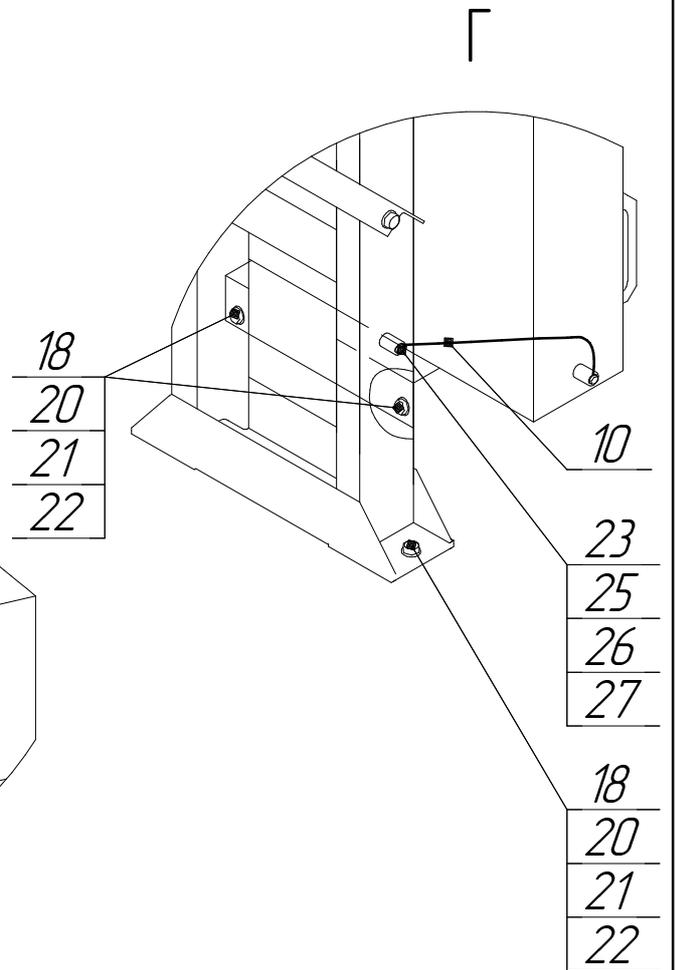
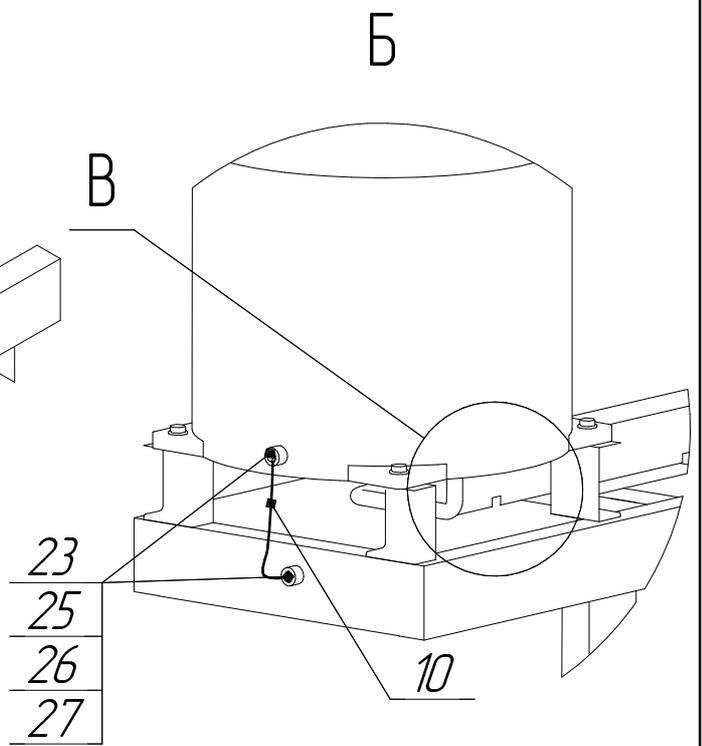
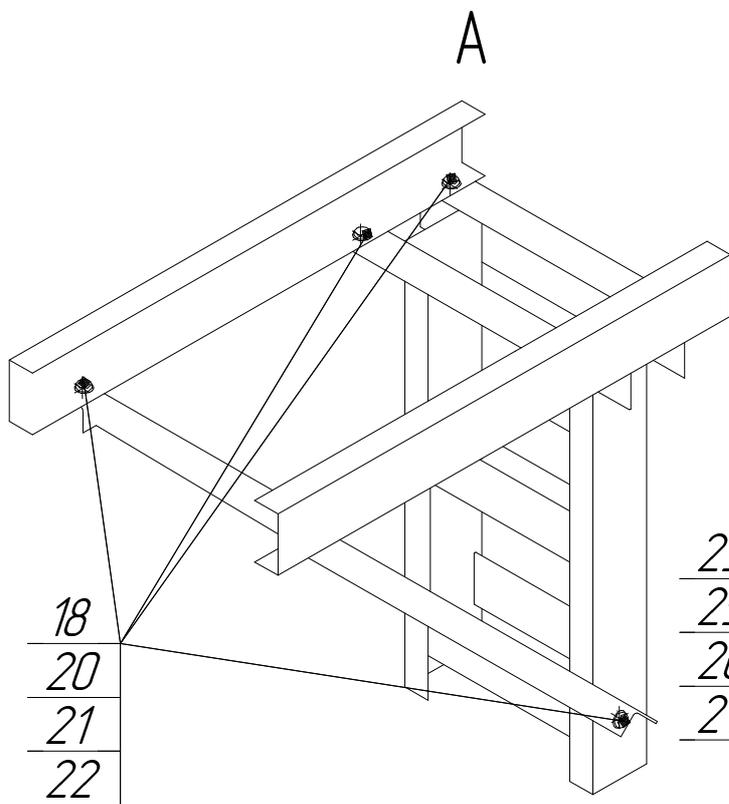


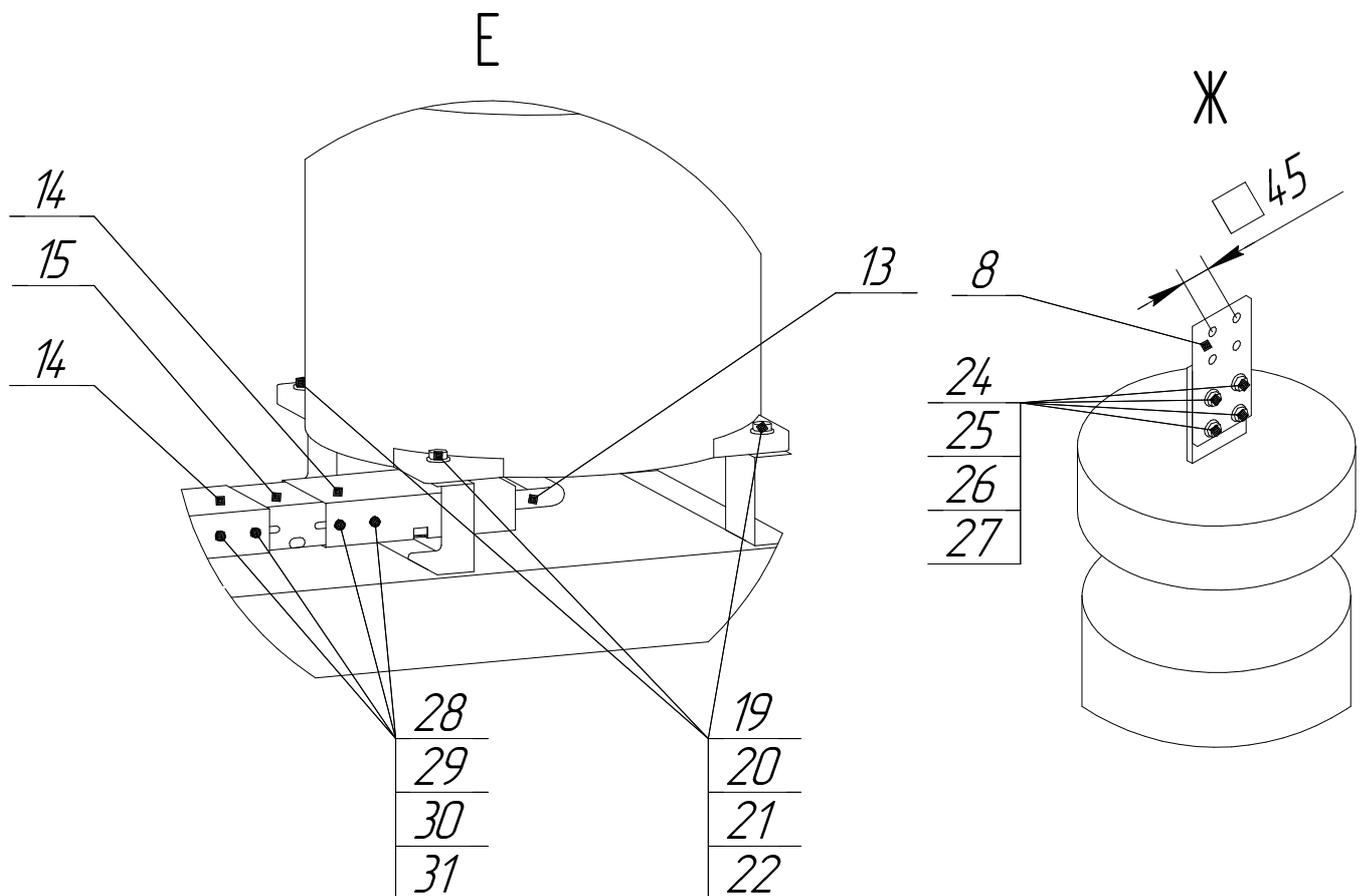
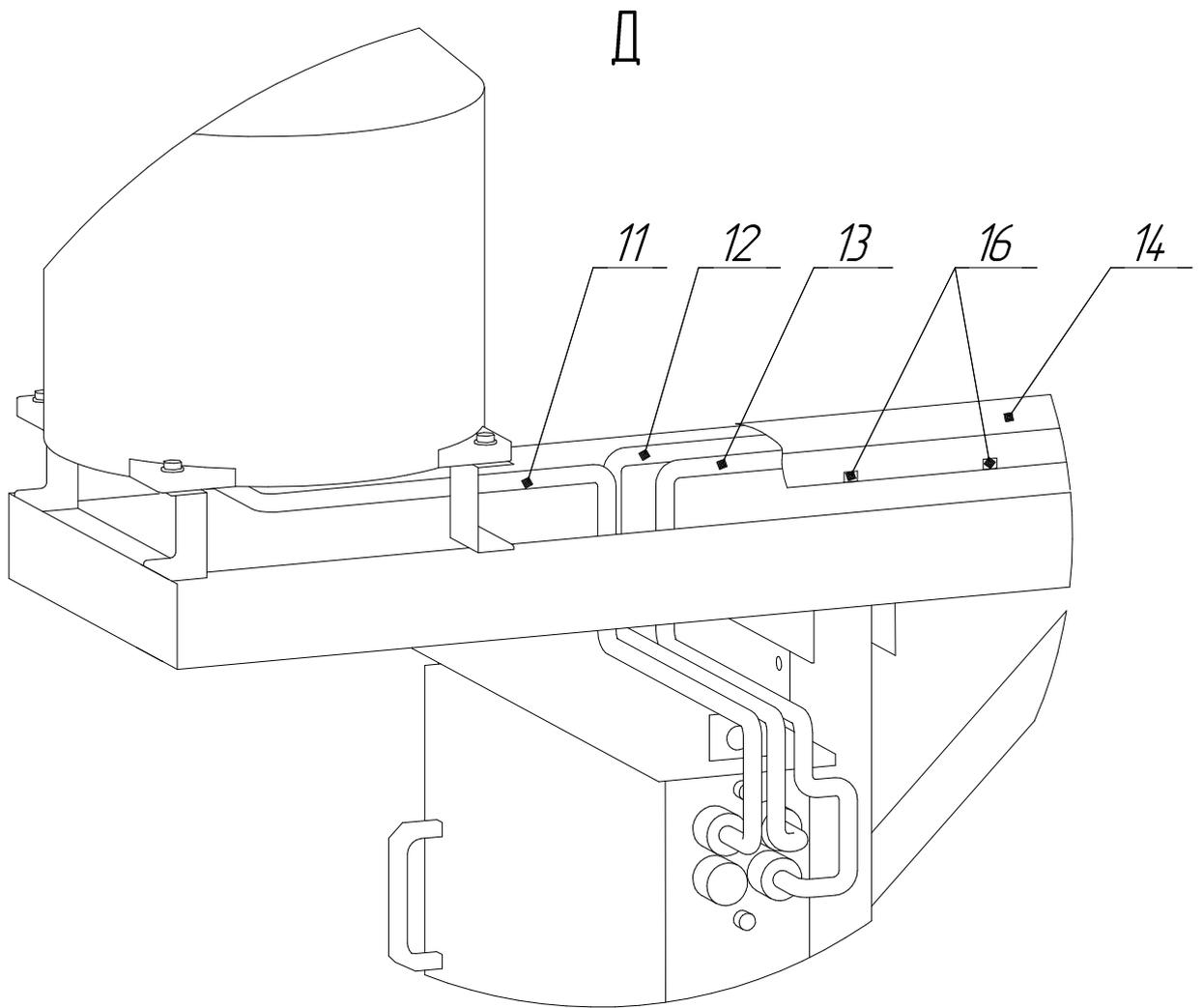
Рисунок И.3 – Виды поясняющие сборку блока Б110-74/2-К.

Инв. № подл.	Подп. и дата
Взам. инв. №	Инв. № дубл.
Подп. и дата	Подп. и дата
Инв. № подл.	Подп. и дата

10	Зам.	0407-10278		16.01.2018
Изм.	Лист	№ докум.	Подп.	Дата

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Инд. № подл.	Взам. инв. №	Инд. № дѣл.	Подп. и дата

10	Зам.	0407-10278	16.01.2018
Изм.	Лист	№ докум.	Подп.
			Дата

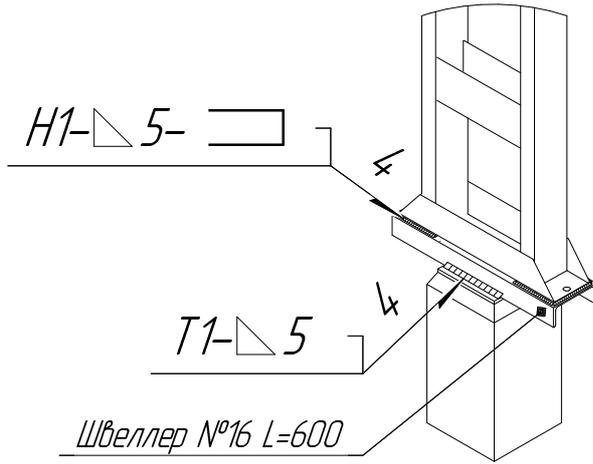
ОГК.412.086 Т04

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73

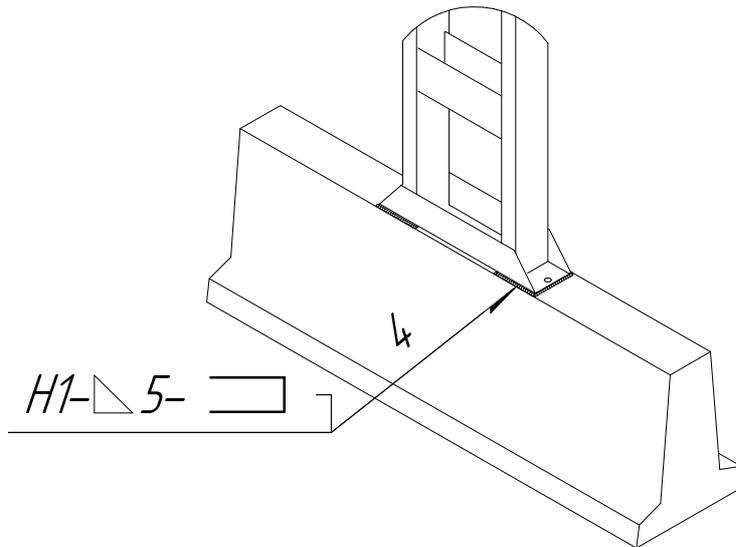
Копировал

Формат А4

а) Свайный фундамент



б) Ложневой фундамент



Примечание: для установки блока на свайный фундамент швеллер №16 L=600 мм, 2 шт на блок, в поставку завода не входит.

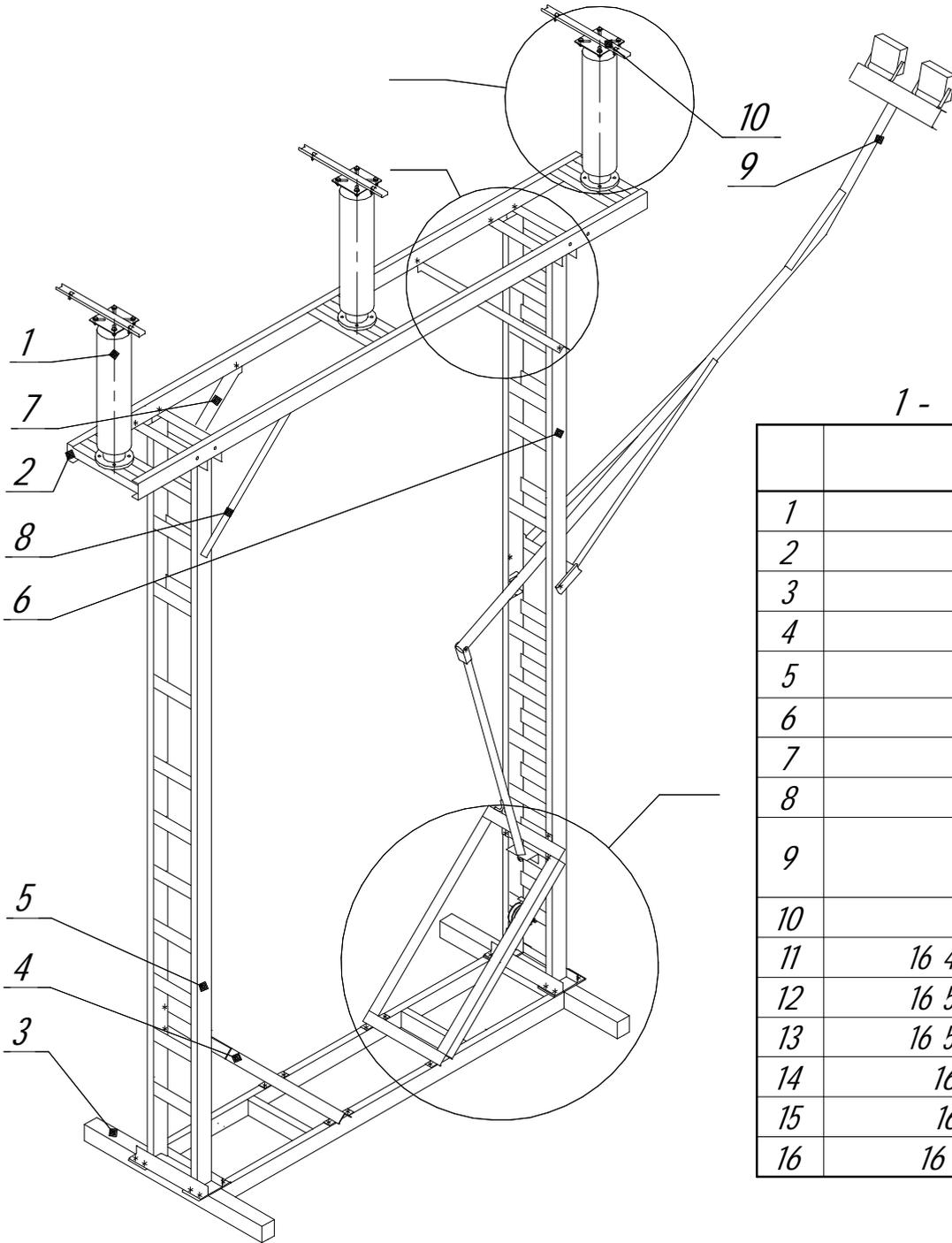
**Рисунок И.4 – Приварка блока Б110-74/2-К
к закладным элементам фундамента**

Инв. № подл.	Подп. и дата
Взам. инв. №	Инв. № дробл.
Подп. и дата	Подп. и дата

10	Зам.	0407-10278		16.01.2018
Изм.	Лист	№ докум.	Подп.	Дата

ОГК.4 12.086 Т04

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74



1 -

1		-	3
2		-375	1
3		-206	1
4		-193	2
5		-346	1
6		-347	1
7		-35	2
8		-36	2
9		-2	1*
10		-24	3*
11	16 45	-	44
12	16 55	-	4
13	16 50	-	12
14	16	-	60
15	16	-	120
16	16	-	60

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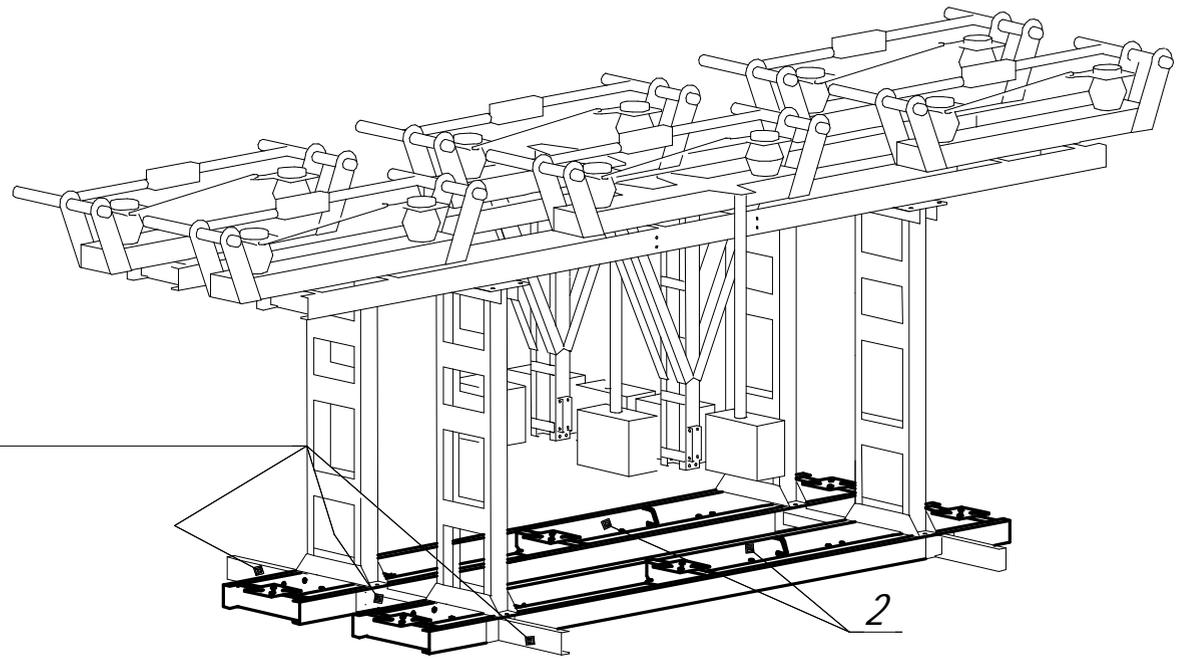
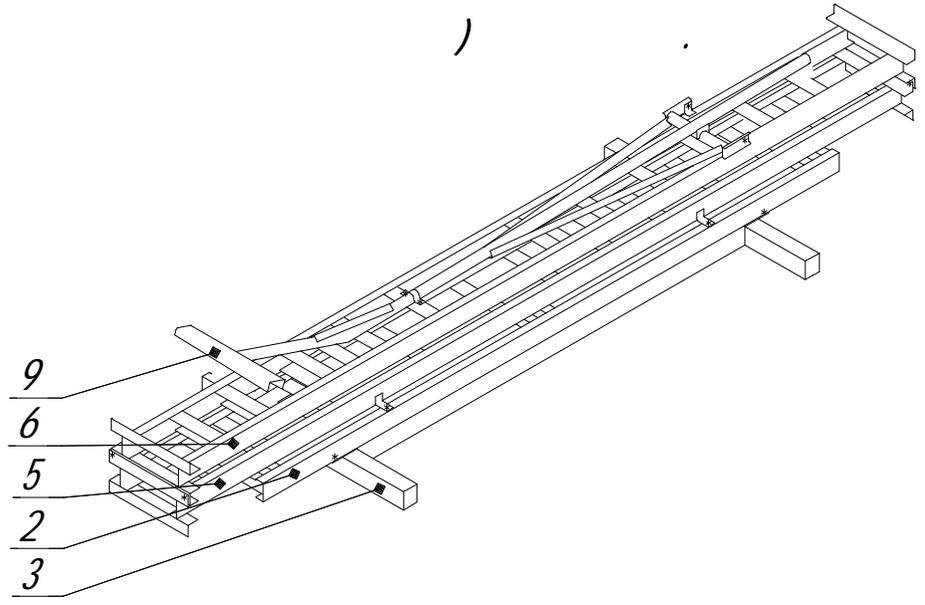
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9	0407-9177	19.04.2016	0 .412.086 4	75
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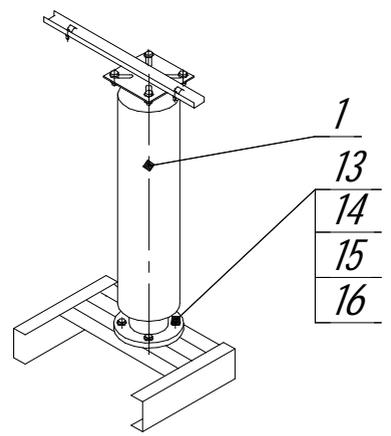
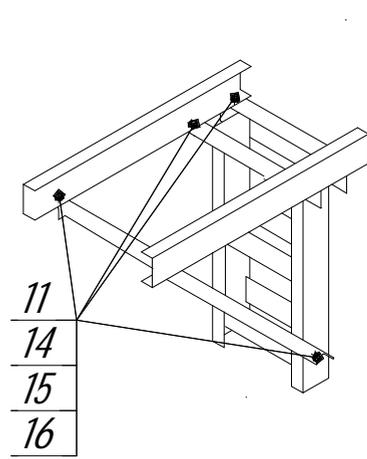
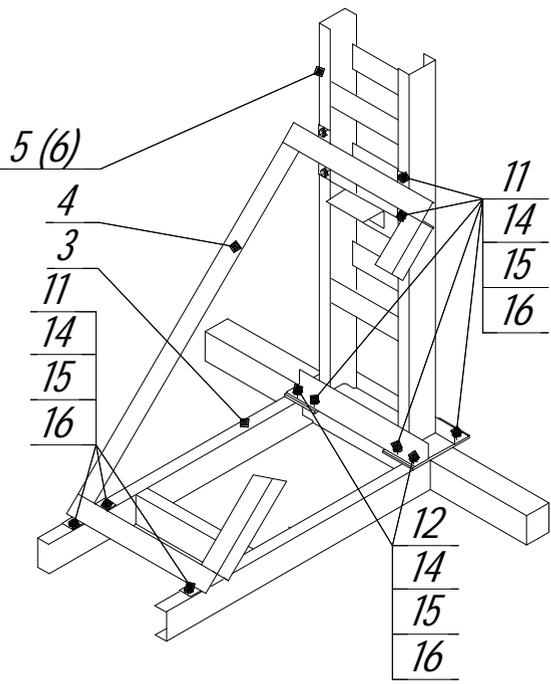
650 .

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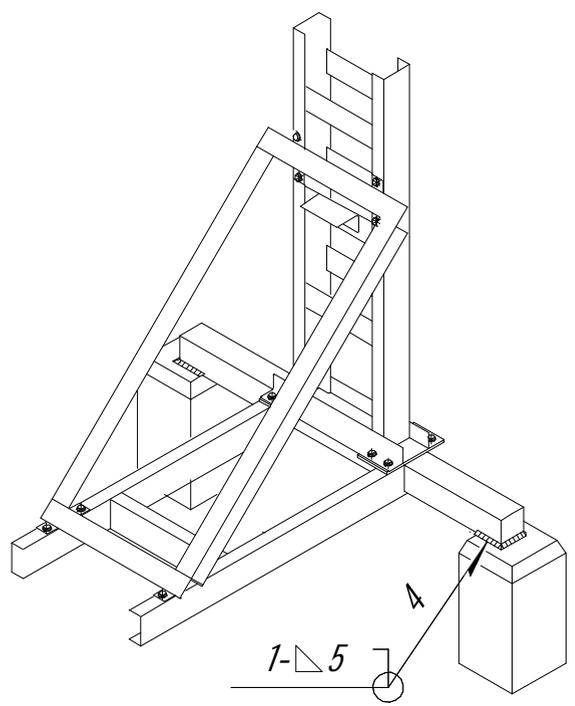
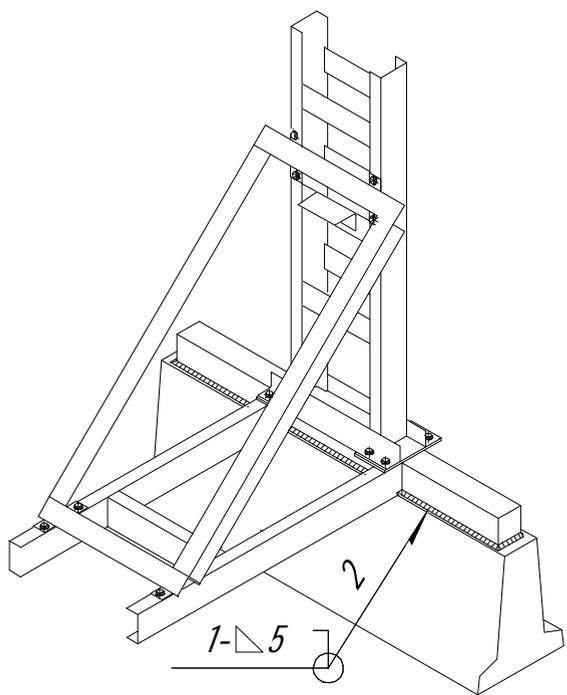
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9	0407-9177	19.04.2016	0 .412.086 4	77
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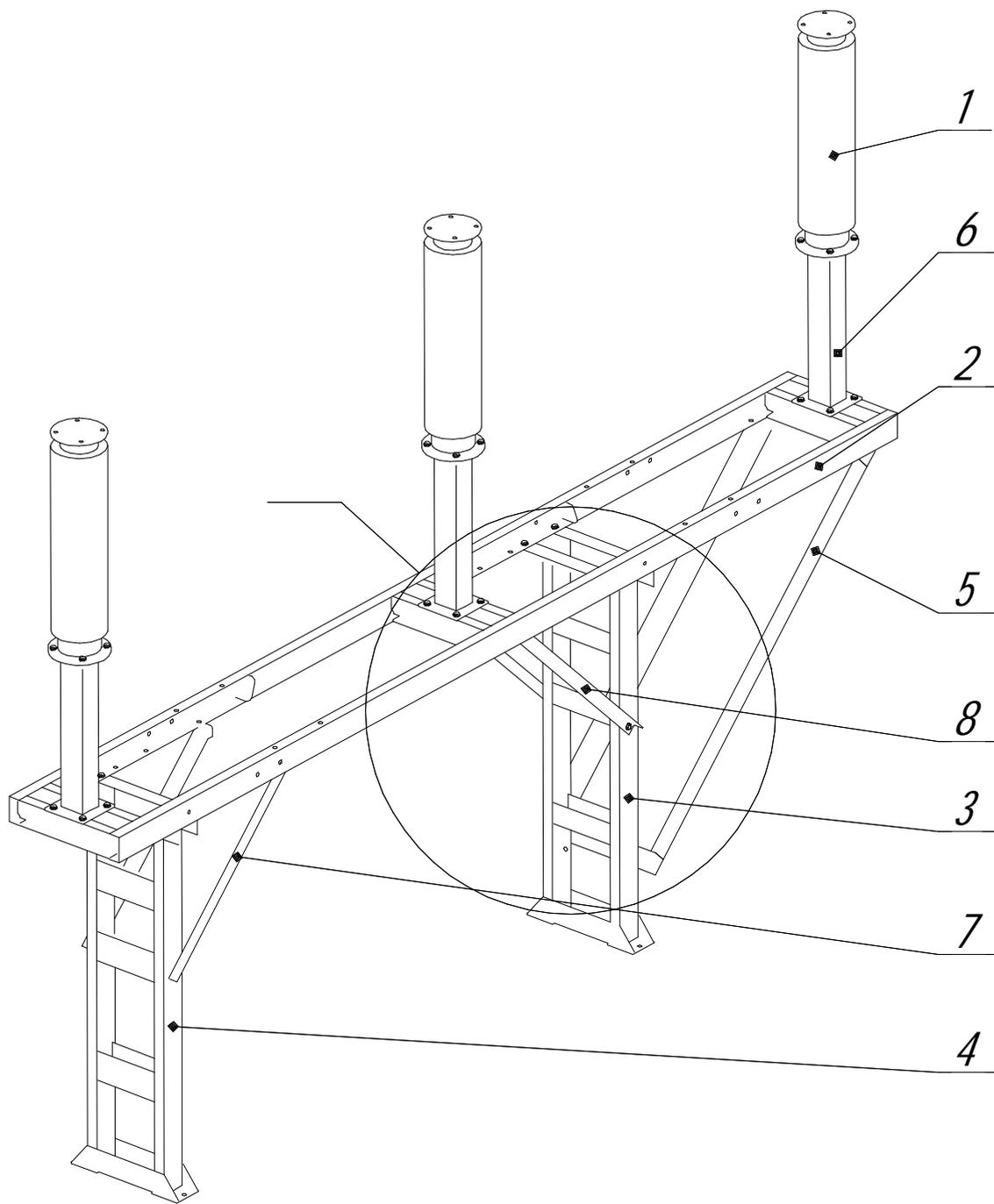
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.1 -

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			-
1		-	3
2		-269	1
3		-238	1
4		-155	1
5		-120	1
6		-*	3
7		-35	2
8		-36	2

			-
9	16 45	-	24
10	16 50	-	24
11	16	-	48
12	16	-	96
13	16	-	48

		*
SGF 123		-107
-110		-108
-	-110	-109
-	-110	-110

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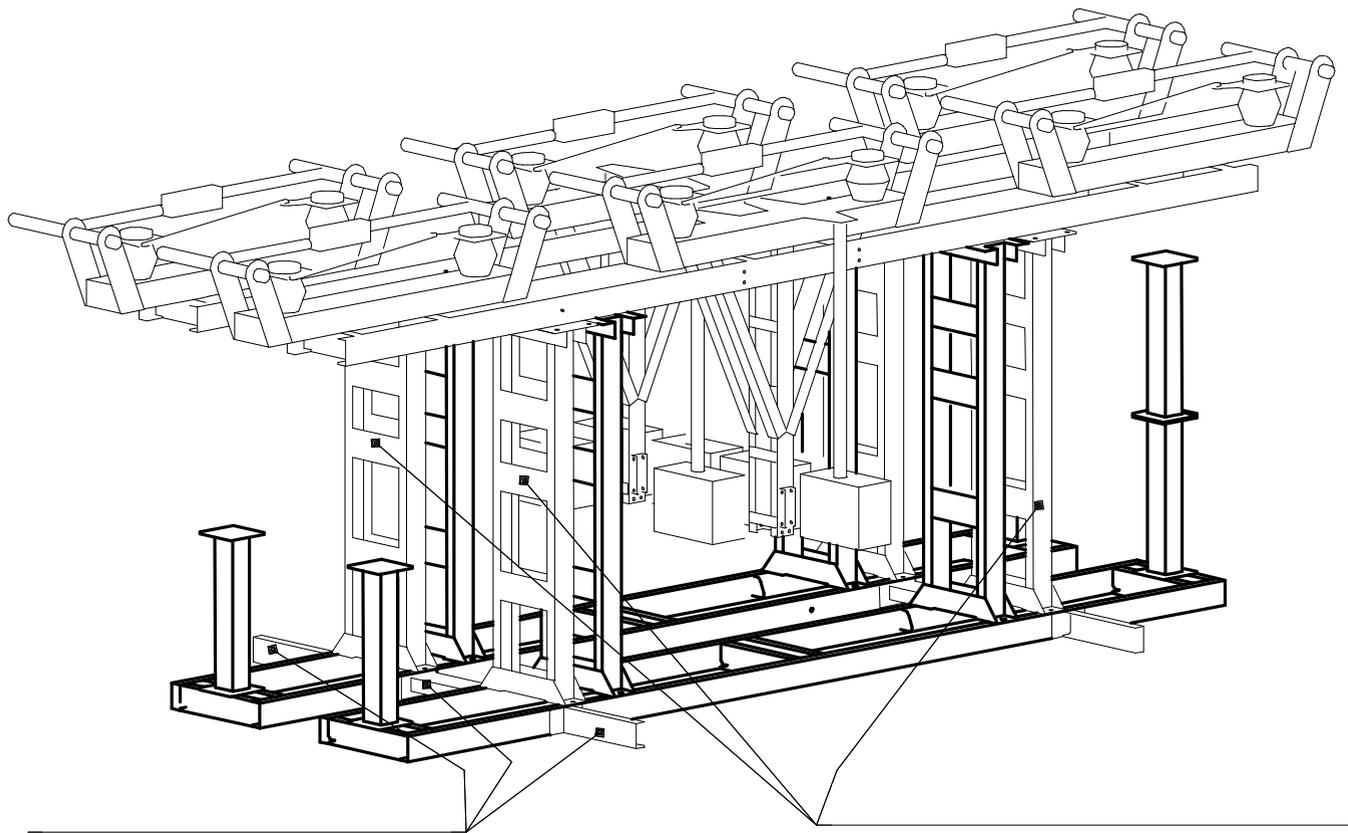
9	0407-9177	19.04.2016
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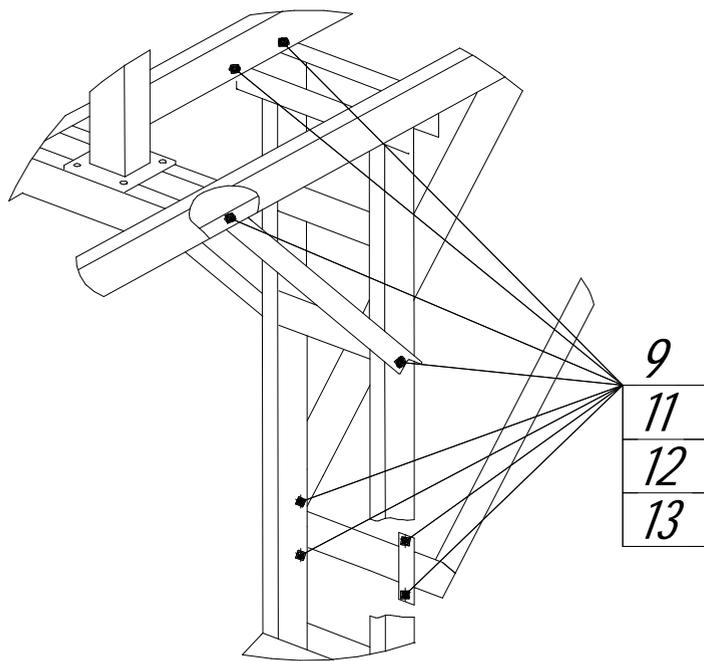
-269.

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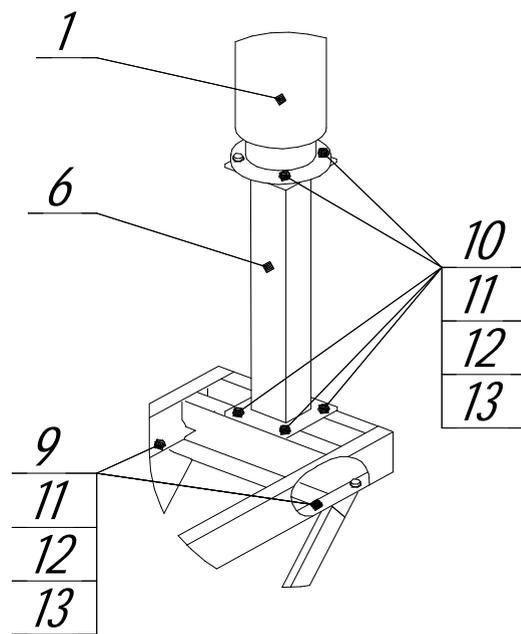
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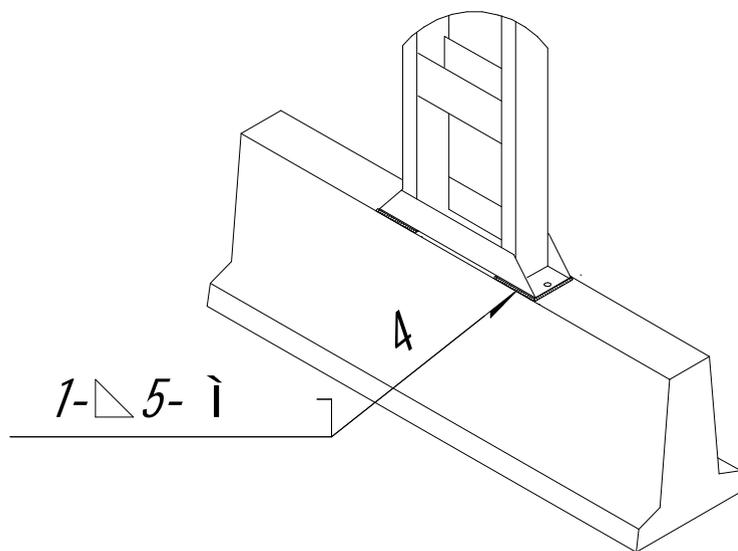
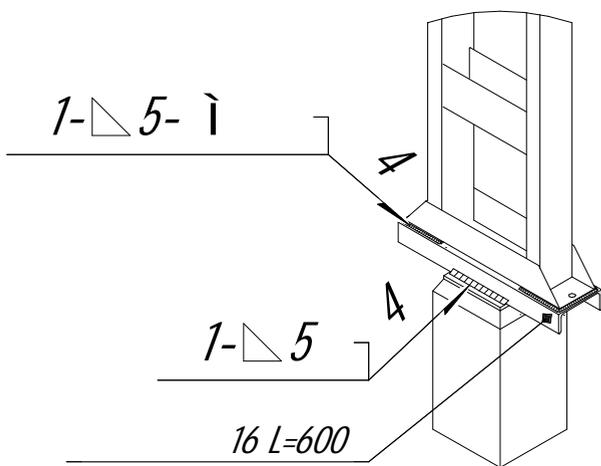
9	0407-9177	19.04.2016	0 .412.086 4	81
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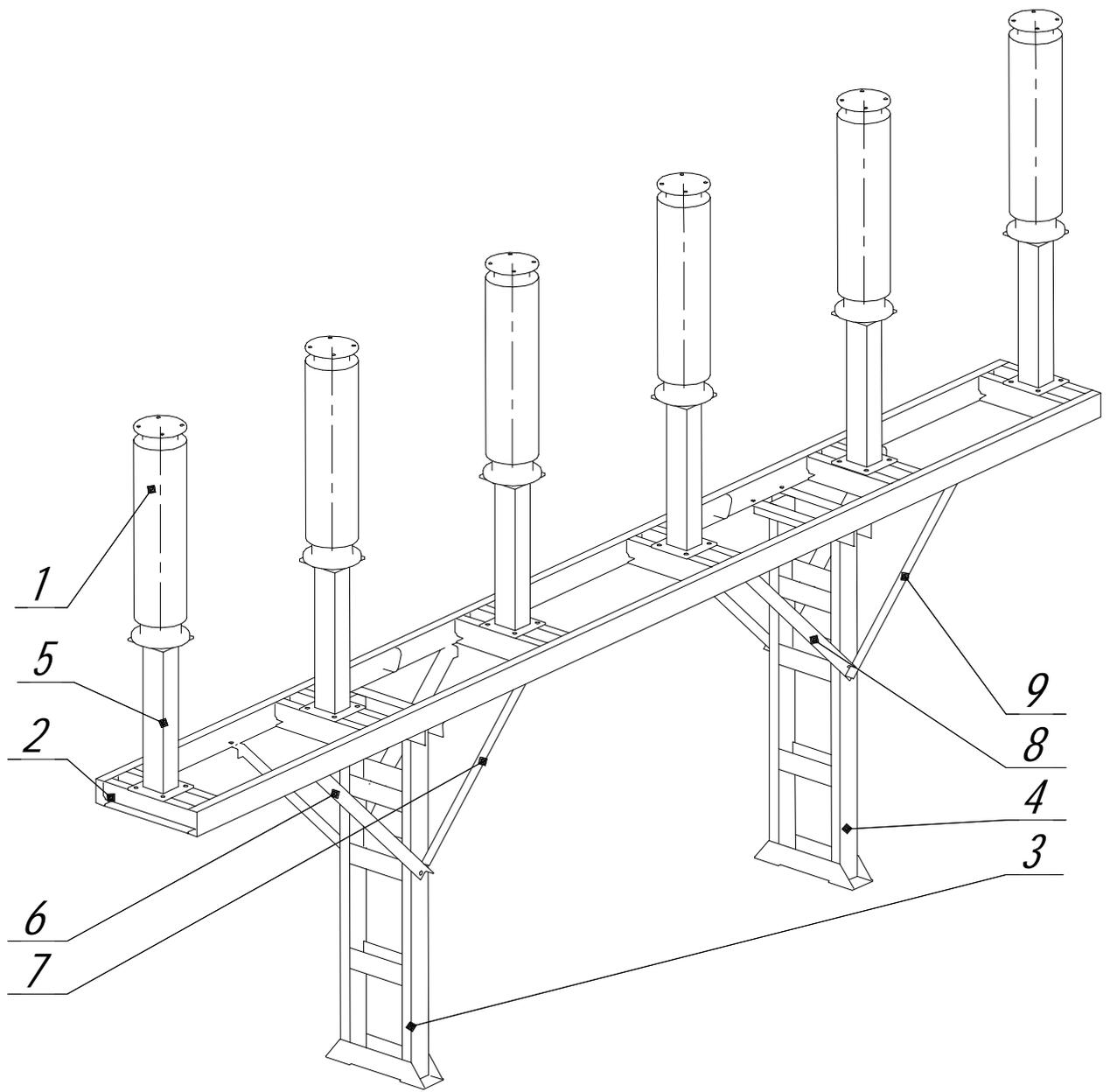


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							82



.1 -

.1 -

.2

			-
1		-	3
2		-268	1
3		-20	1
4		-155	1
5		*	6
6		-248	2
7		-2247	2
8		-36	2
9		-35	2
10		-	4

			-
11	16 65	-	24
12	16 45	-	20
13	16 50	-	24
14	16	-	68
15	16	-	136
16	16	-	68
17	12 35	-	8
18	12	-	8
19	12	-	16
20	12	-	8

		*
SGF 123		-107
-110		-108
-	-110	-109
-	-110	-110

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110-81/1,2-

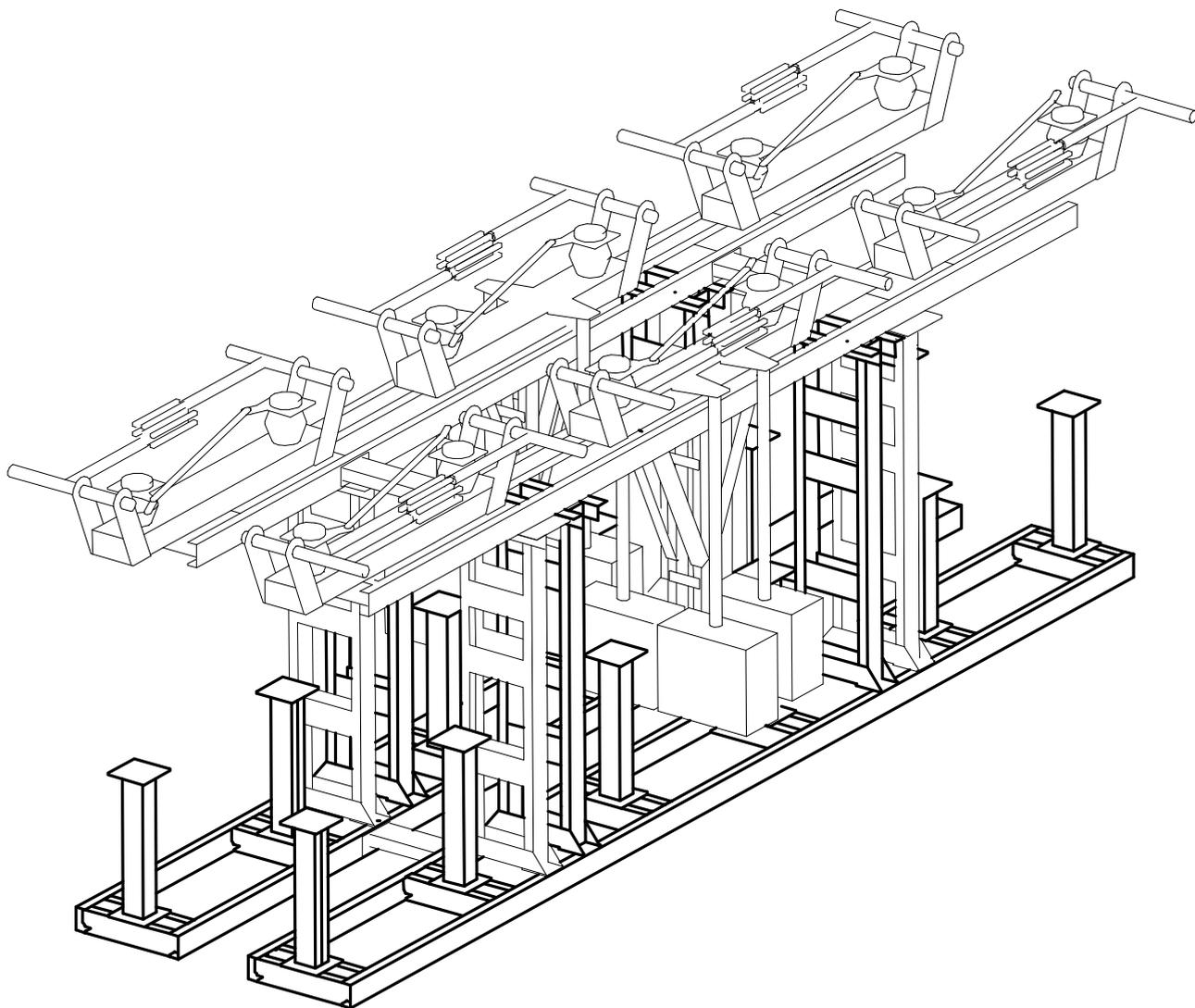
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9	0407-9177	19.04.2016
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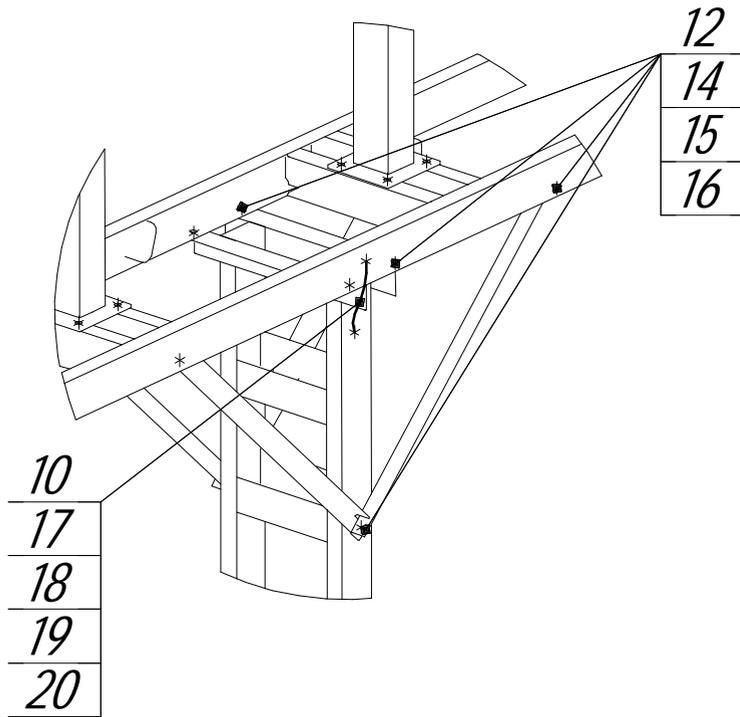
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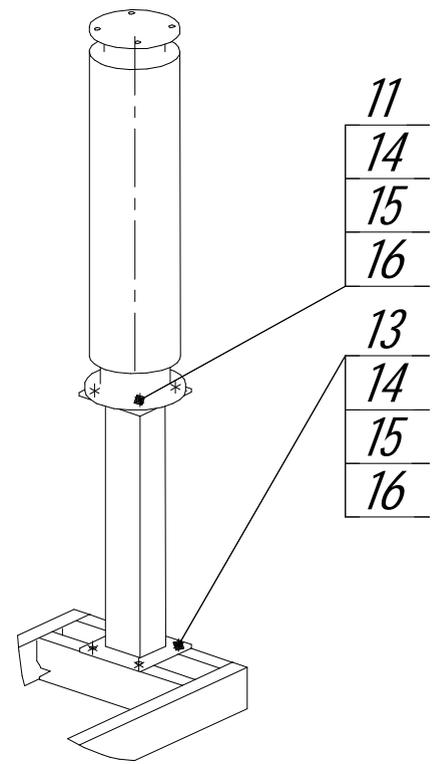
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9	0407-9177	19.04.2016	0 .412.086 4	85
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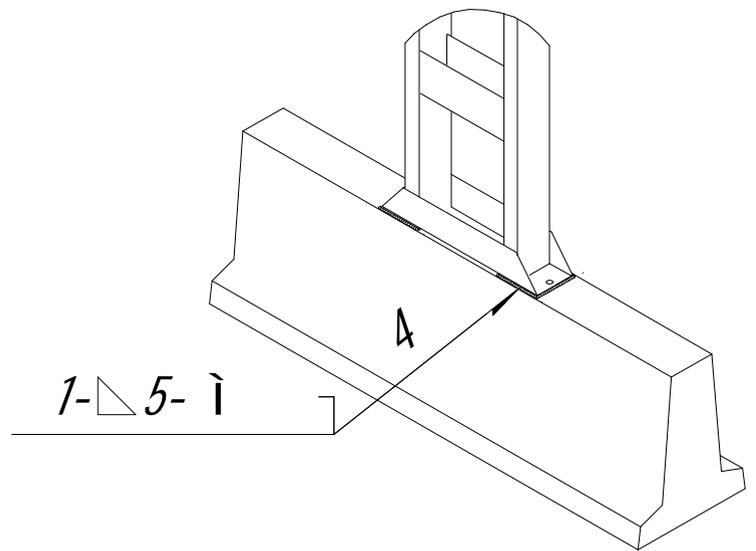
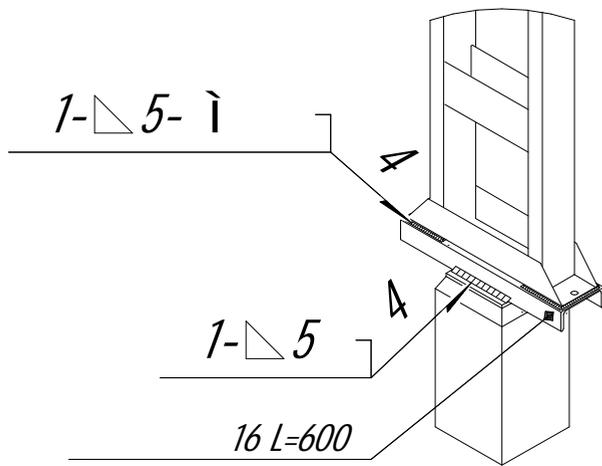


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110-81/1,2-

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16 L=600 , 2

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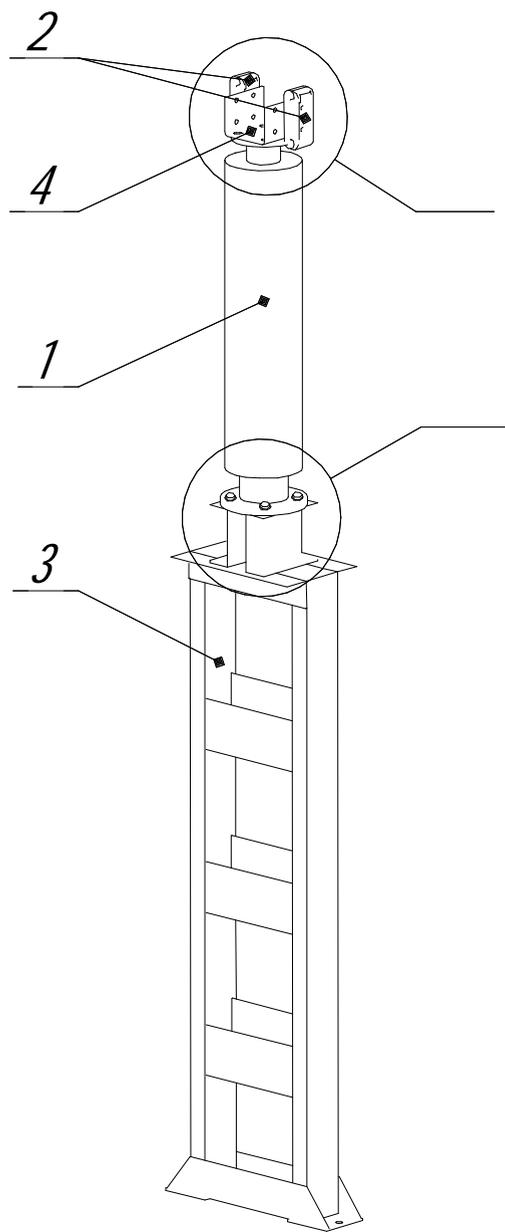
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1		-	1
2		-	2
3		-492	1
4		-282	1
5	16 25	-	4
6	16 55	-	4
7	16	-	4
8	16	-	16
9	16	-	8
10	10 60	-	4
11	10	-	4
12	10	-	8
13	10	-	4

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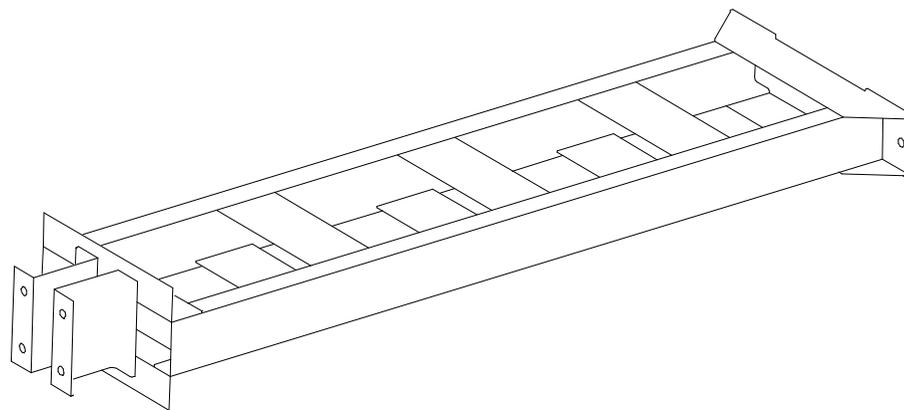
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9	. 0407-9177	19.04.2016	0 .412.086 4	87
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9	0407-9177	19.04.2016

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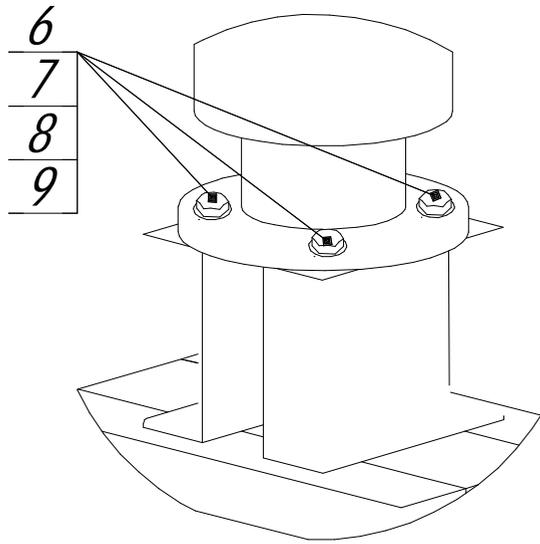
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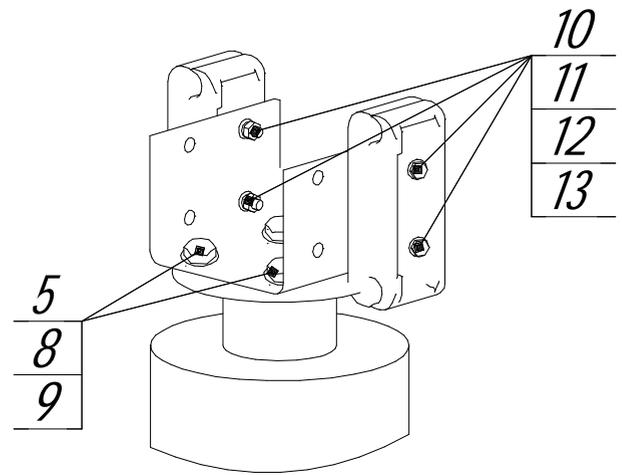
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9	0407-9177	19.04.2016	0 .412.086 4	89
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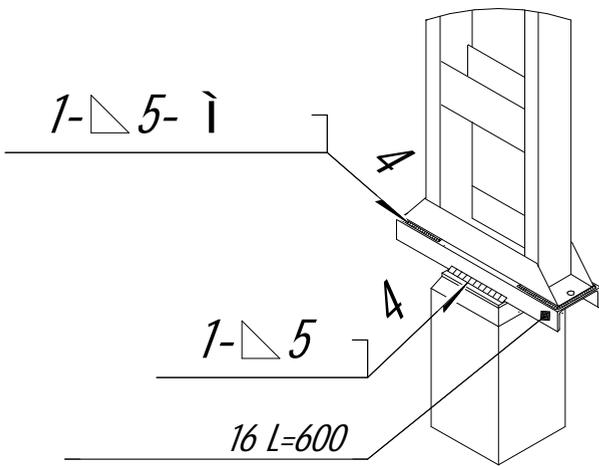


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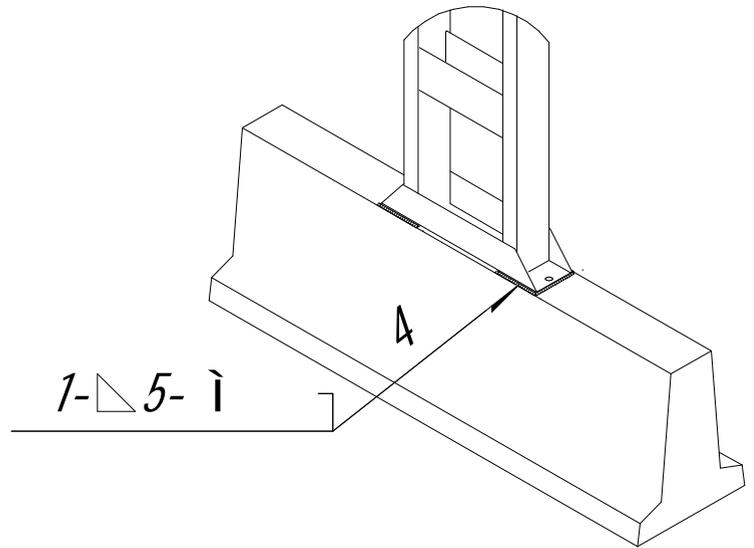
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16 L=600

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16 L=600 , 2

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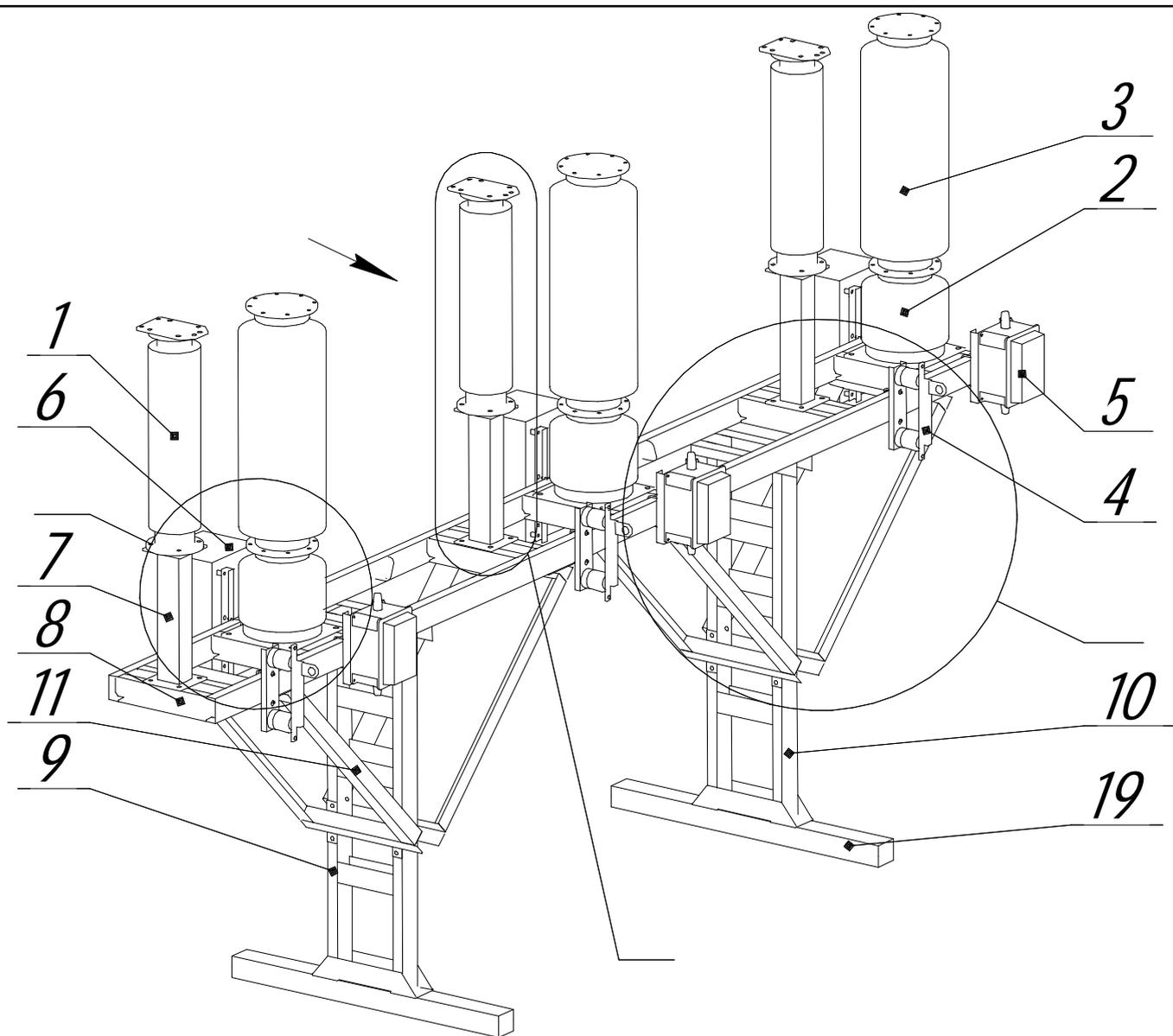
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.2

1		-	3
2	-2	-	3*
3		-	3*
4		-	3*
5		-	3*
6		-	3*
7		-**	3
8		-367	1
9		-411	1
10		-410	1
11		-193	4
14		-120	3
15		-11	6
16		-12	6
17		-21	3
18		-22	12
19		-2	2

20	20 55	-	12
21	20	-	12
22	20	-	12
23	20	-	24
24	16 45	-	24
25	16 65	-	24
26	16	-	48
27	16	-	48
28	16	-	96
29	12 30	-	12
30	12 50	-	24
31	12	-	36
32	12	-	36
33	12	-	72
34	8 30	-	12
35	8	-	42
36	8	-	42
37	8	-	84

		**
SGF 123		-111
-110		-112
- -110		-113
- -110		-114

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110-85/2,4- - 1

9	0407-9177	19.04.2016
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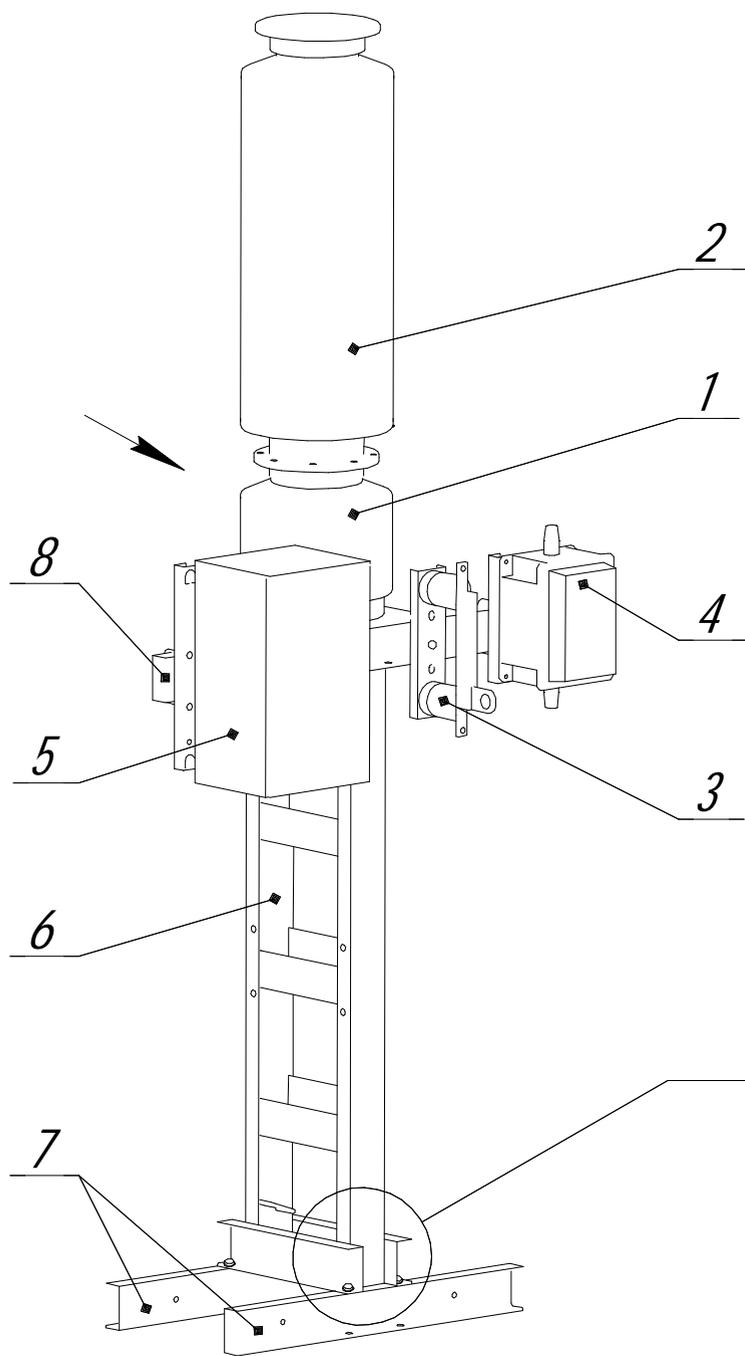
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9	0407-9177	19.04.2016	0 .412.086 4	93
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1	-2	-	1*
2		-	1*
3		-	1*
4		-	1*
5		-	1*
6		-494	1
7		-244	2
8		-377	1
9		-11	2
10		-12	2
11		-21	1
12		-22	4
13	20 55	-	4
14	20	-	4
15	20	-	4
16	20	-	8
17	16 45	-	8
18	16	-	8
19	16	-	8
20	16	-	16
21	12 35	-	8
22	12 50	-	8
23	12	-	16
24	12	-	16
25	12	-	32
26	8	-	10
27	8	-	10
28	8	-	10

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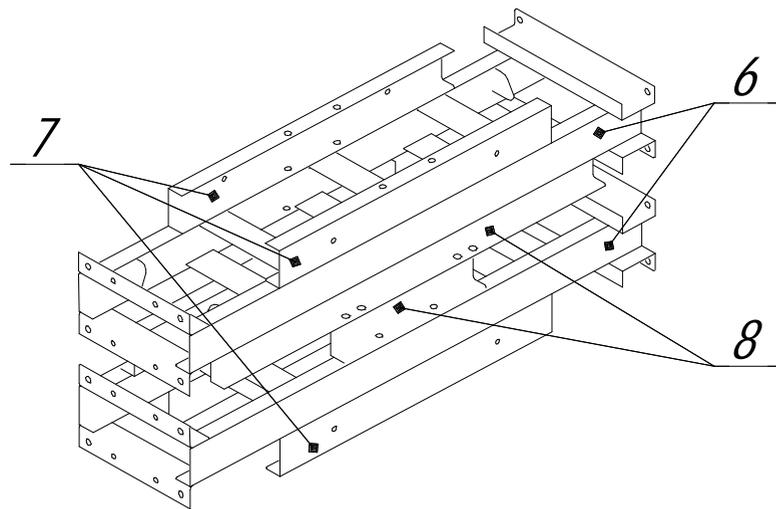
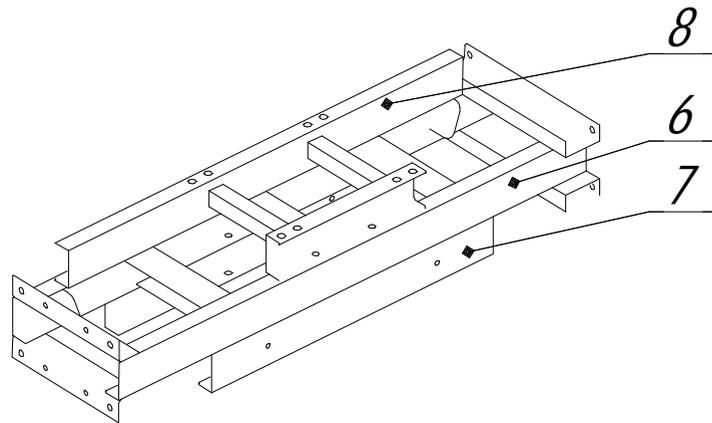
96

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-11, -12 (2) ,

-21 (1) ,



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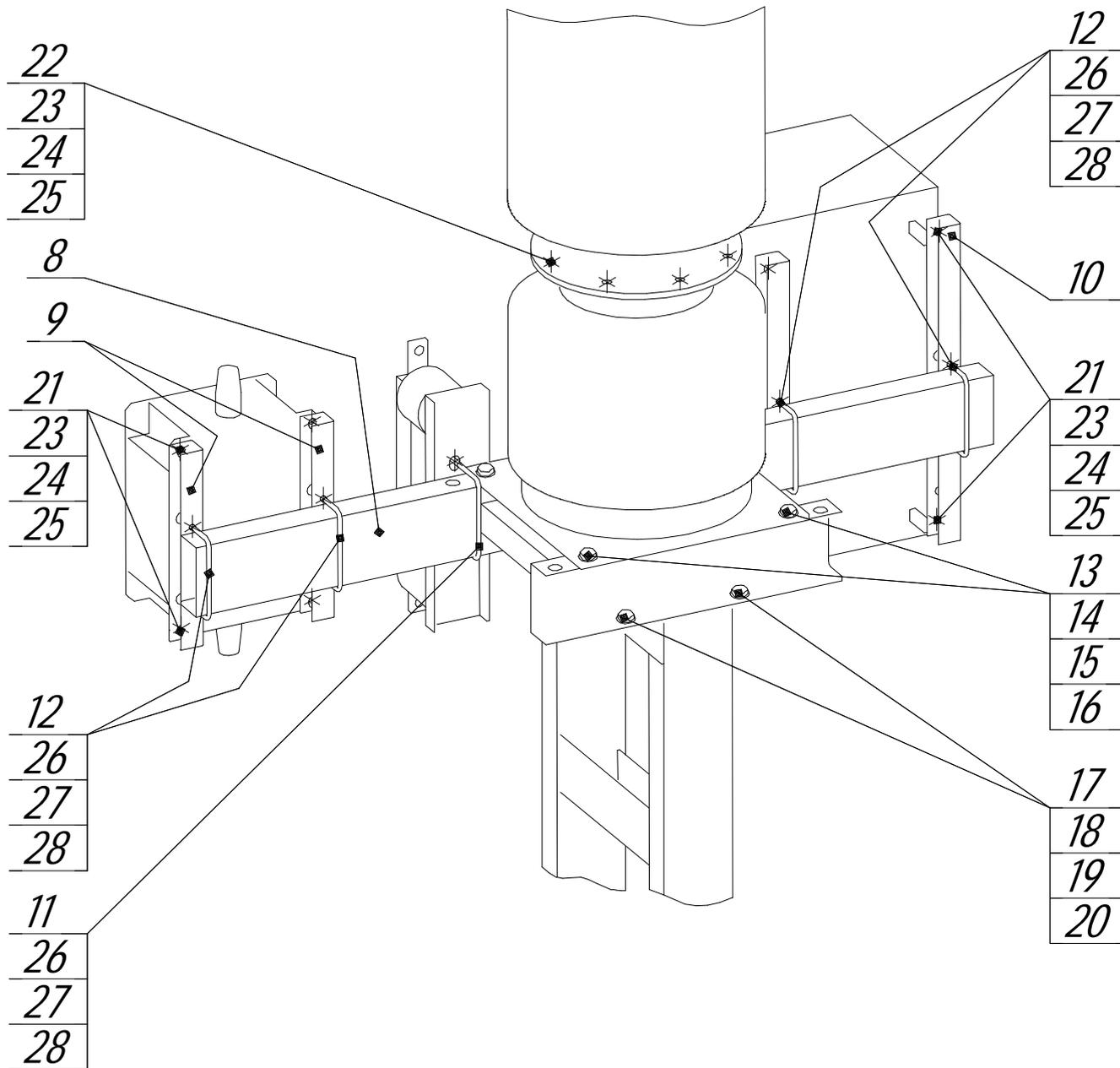
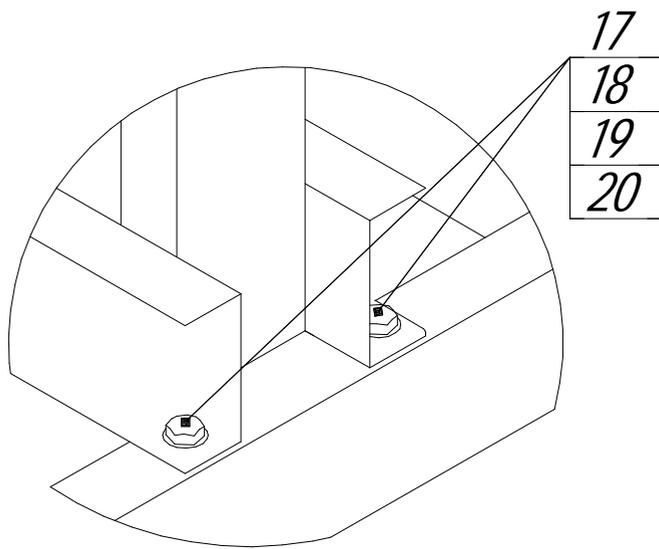
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9	0407-9177	19.04.2016	0 .412.086 4	98
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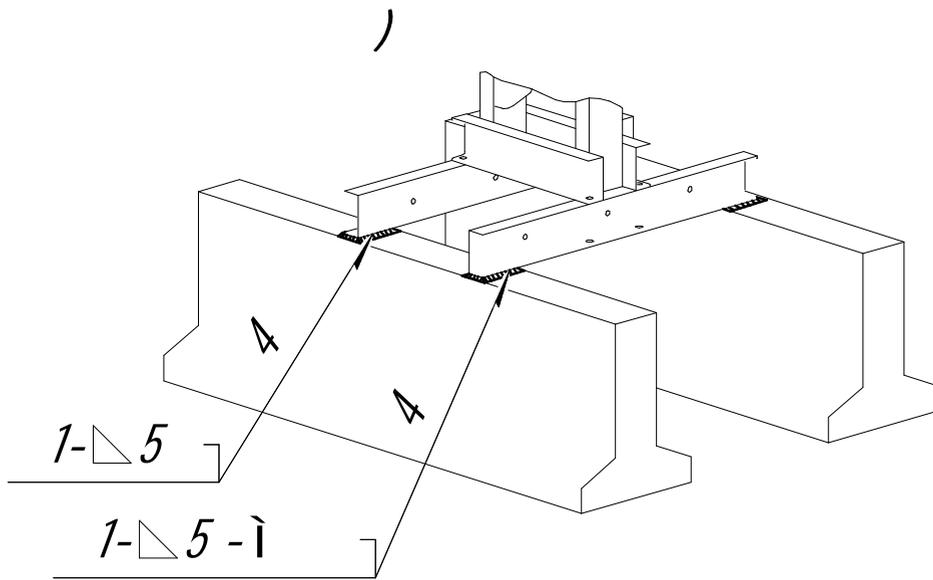
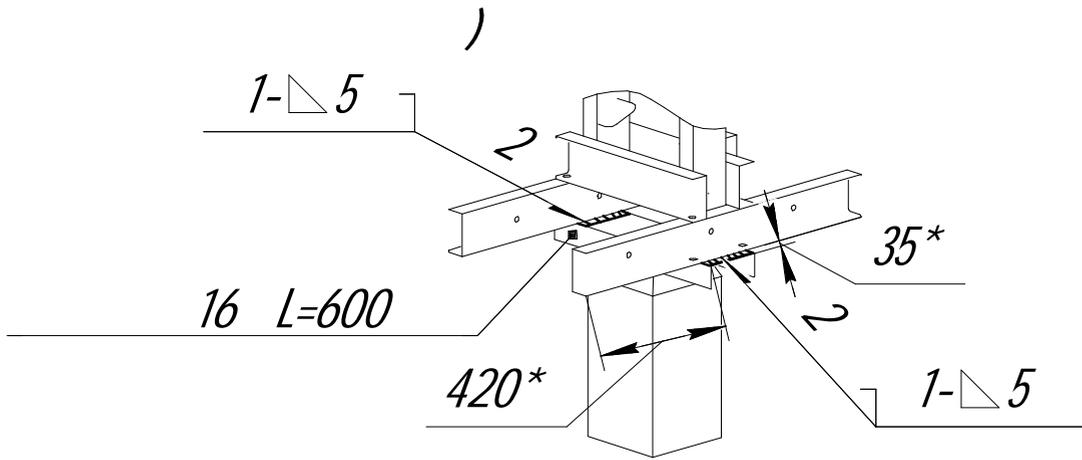
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16 L=600 , 1

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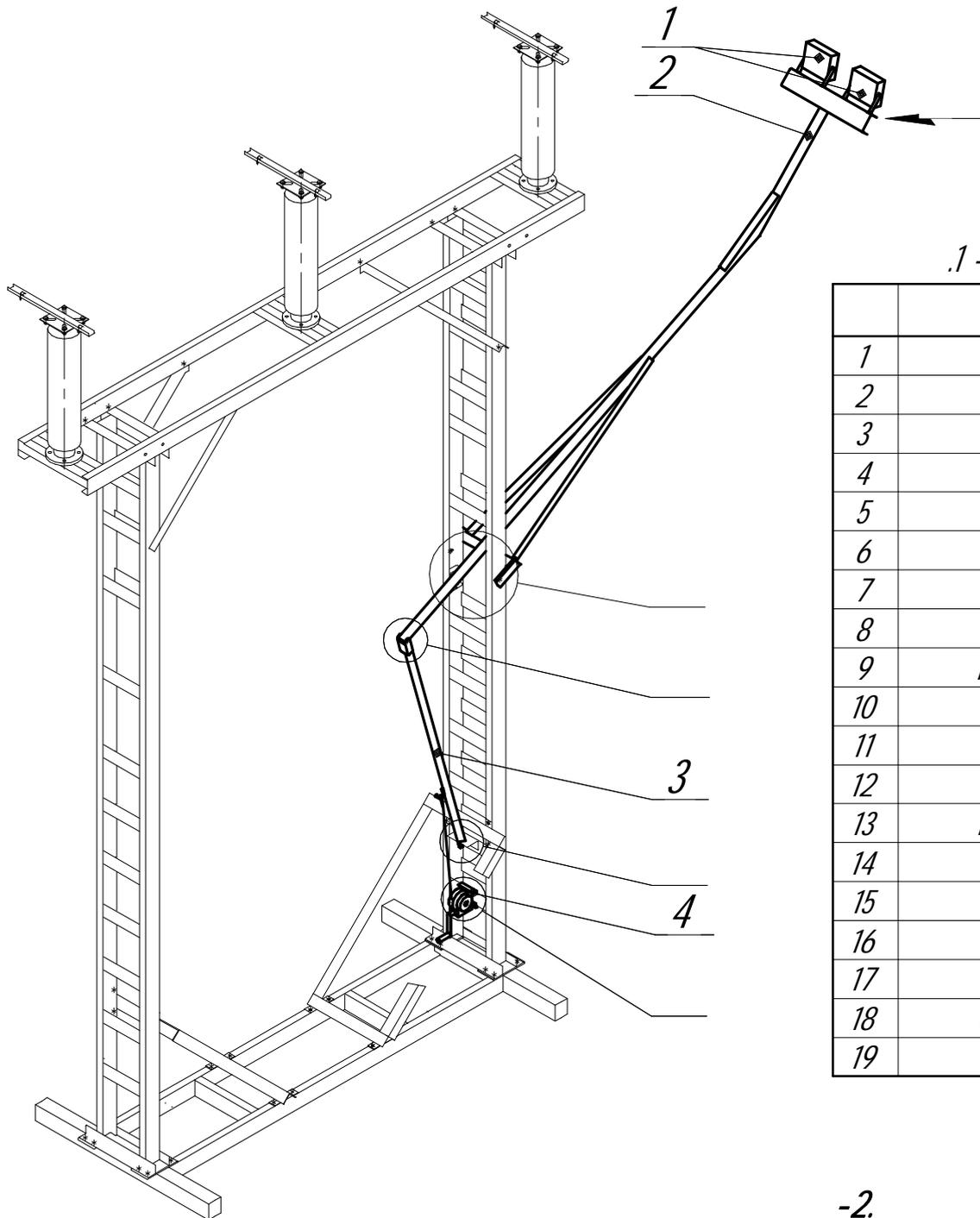
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1		-	2
2		2-17	1
3		2-16	1
4		2-14	1*
5			2
6	16	-	4
7	20	-	2
8	16	-	8
9	16.65	-	4
10	12 90	-	1
11	12	-	1
12	12	-	2
13	12.65	-	1
14	8 25	-	2
15	8 30	-	6
16	8	-	8
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19	3 1,5	-	7

-2.

110-77 110-68 .
 2-17, (, , ,)

3 1,5

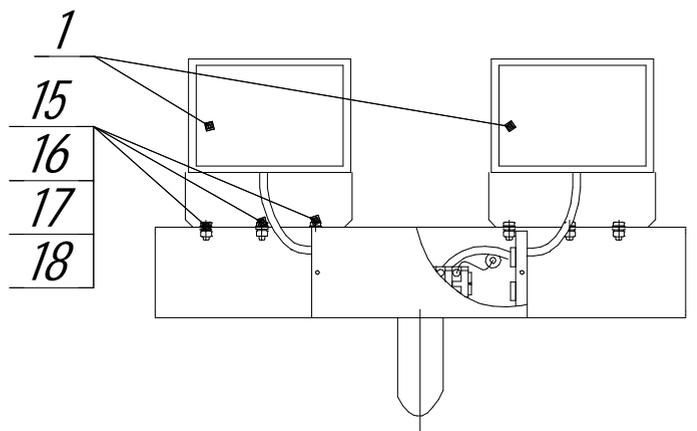
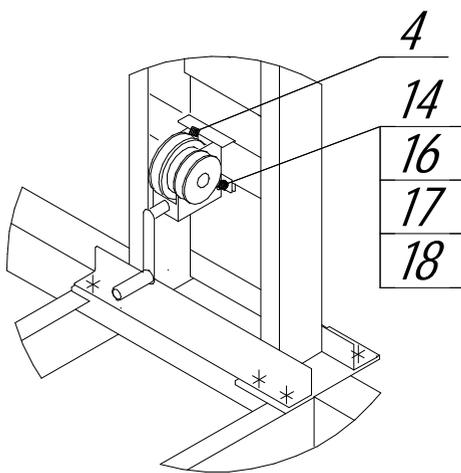
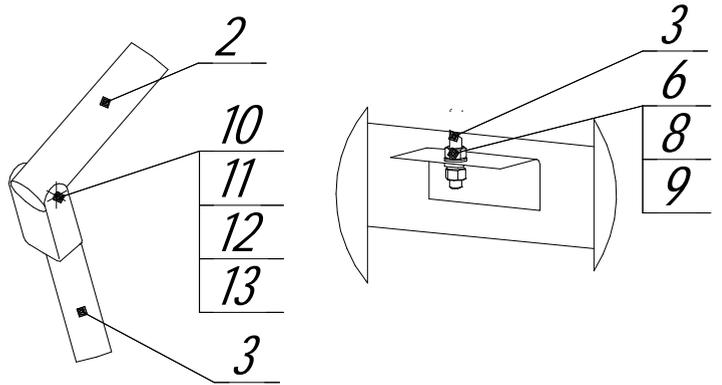
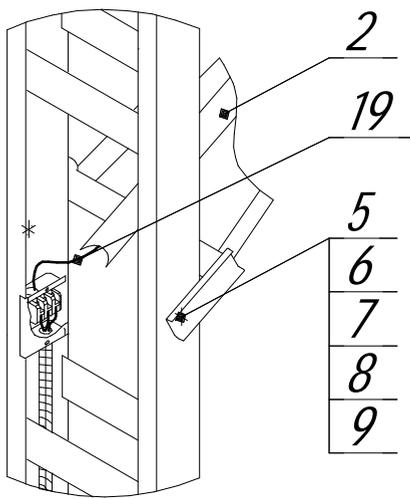
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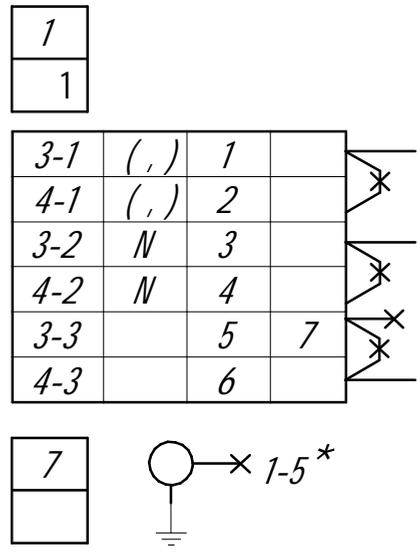
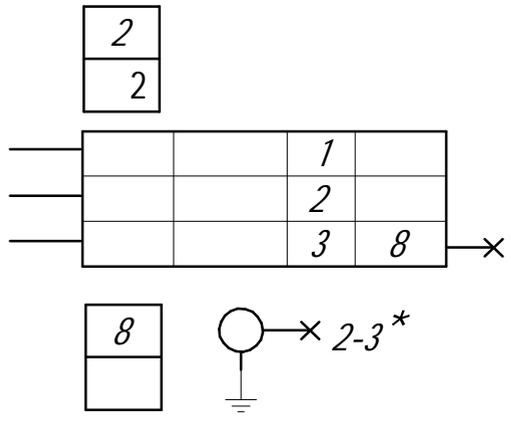
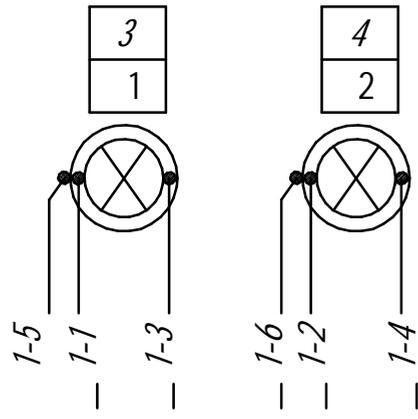
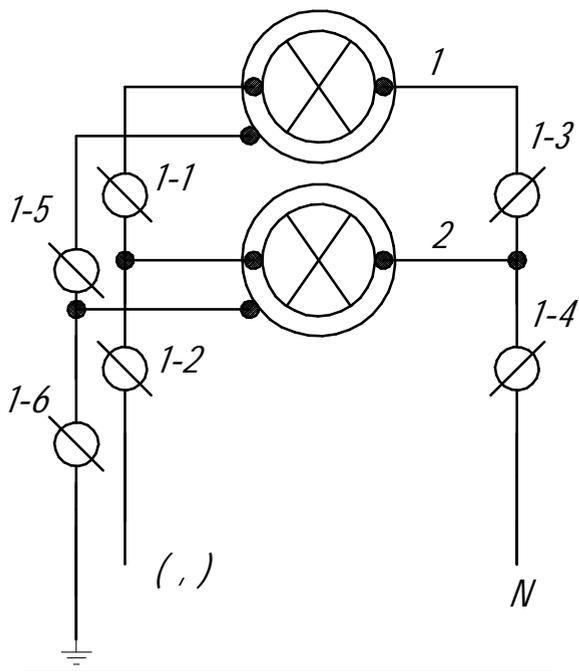


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110-77

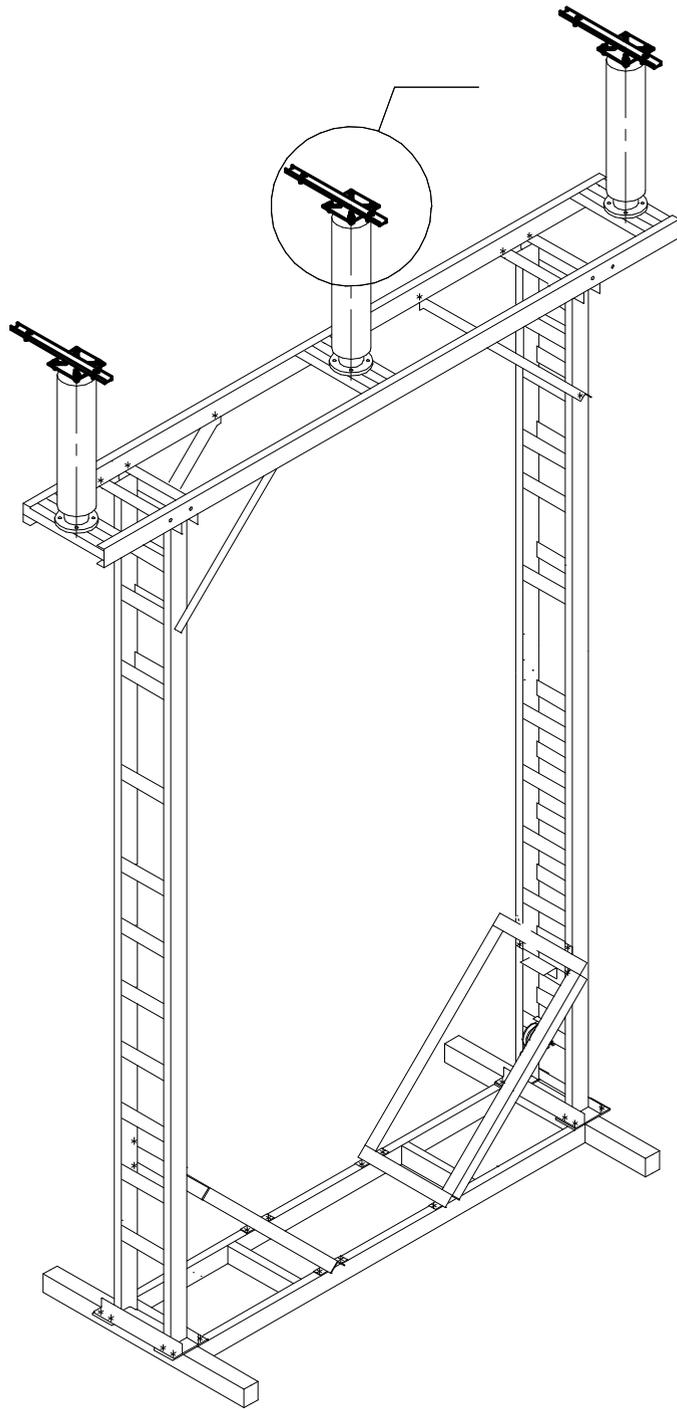
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1	660
2	63

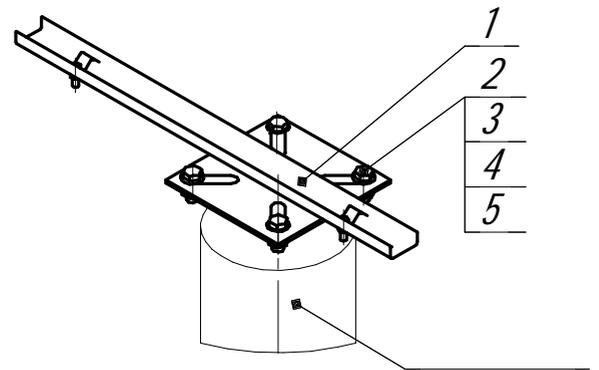
-1 1,5 2
3 1,5 2

.3 -



.1 -

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2	12x40	-	12
3	16	-	12
3	12	-	12
4	16	-	24
4	12	-	24
5	16.65	-	12
5	12.65	-	12



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-24

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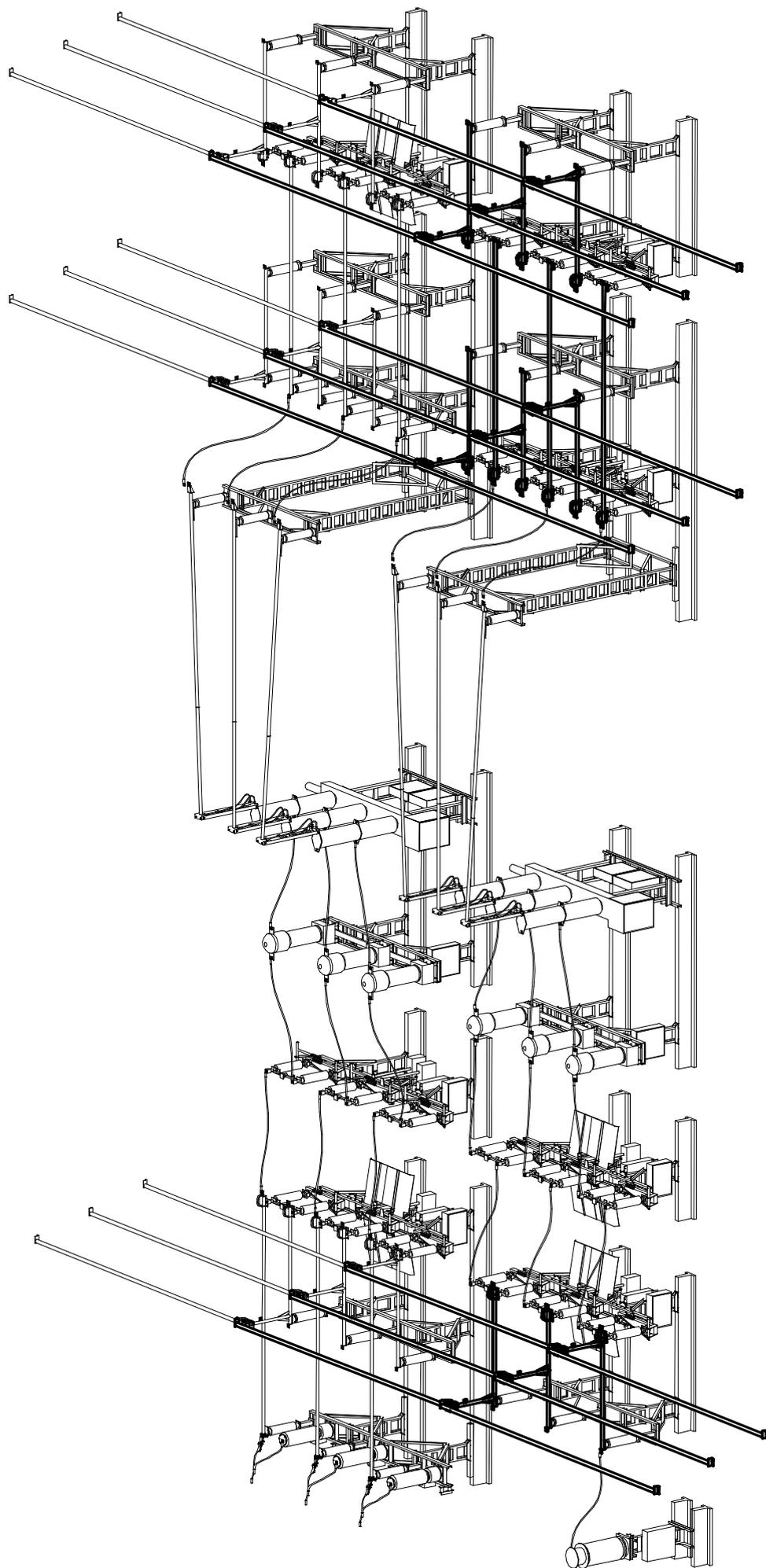
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.1 -

9	0407-9177	19.04.2016	0 .412.086 4	105
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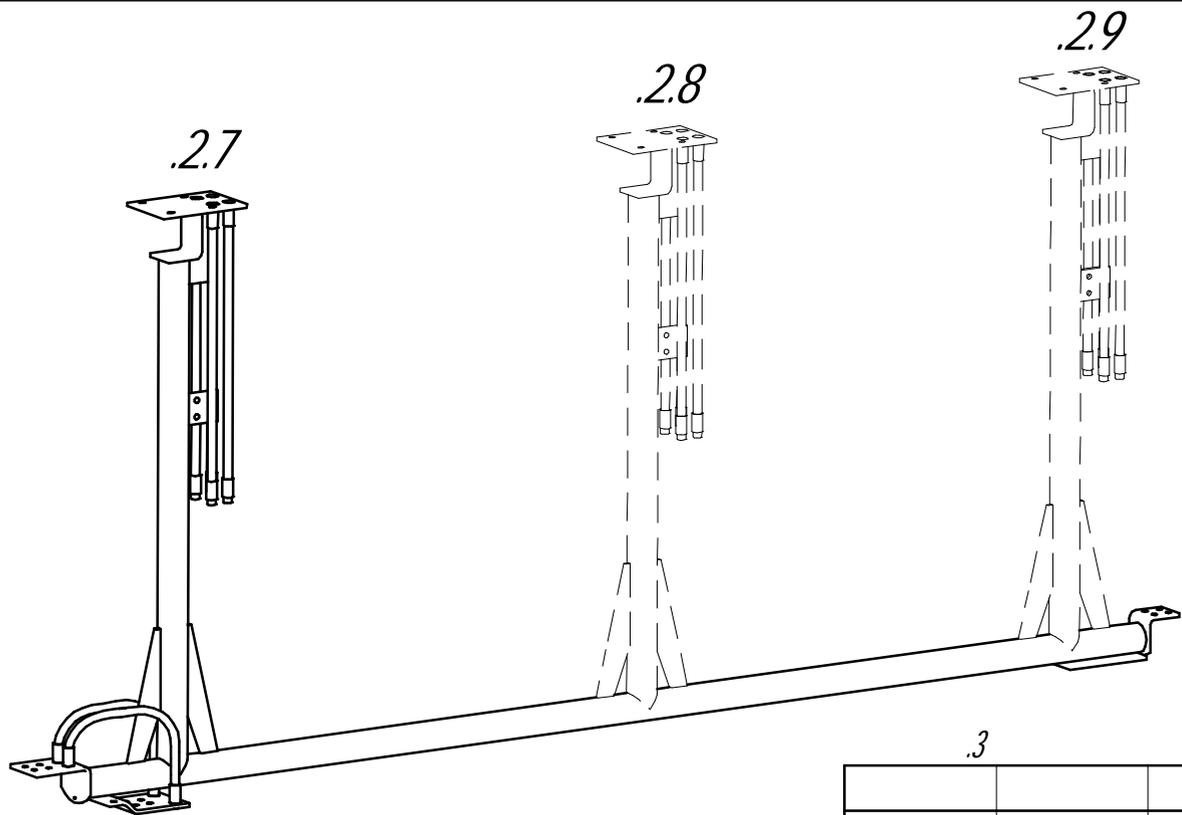
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90 (150)

-115

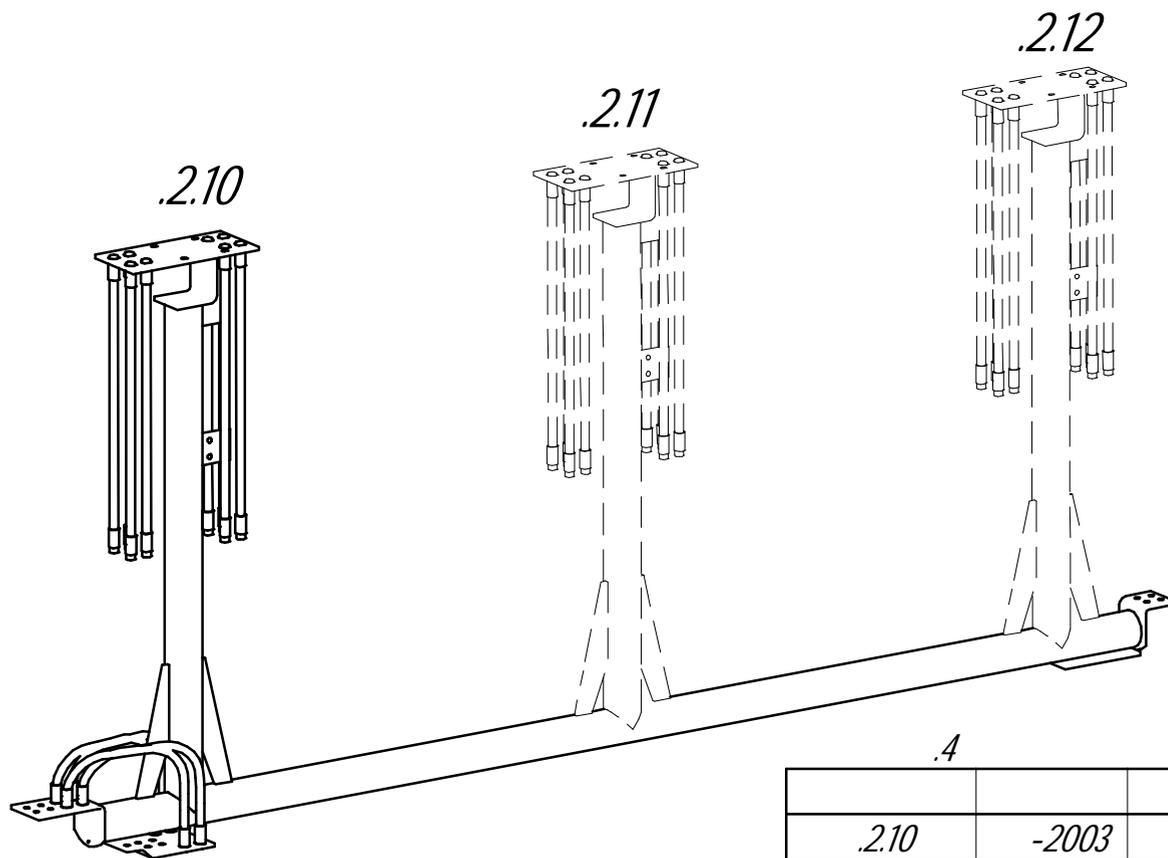
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.3

.27	-1976	
.28	-1977	
.29	-1978	

(l=1000)



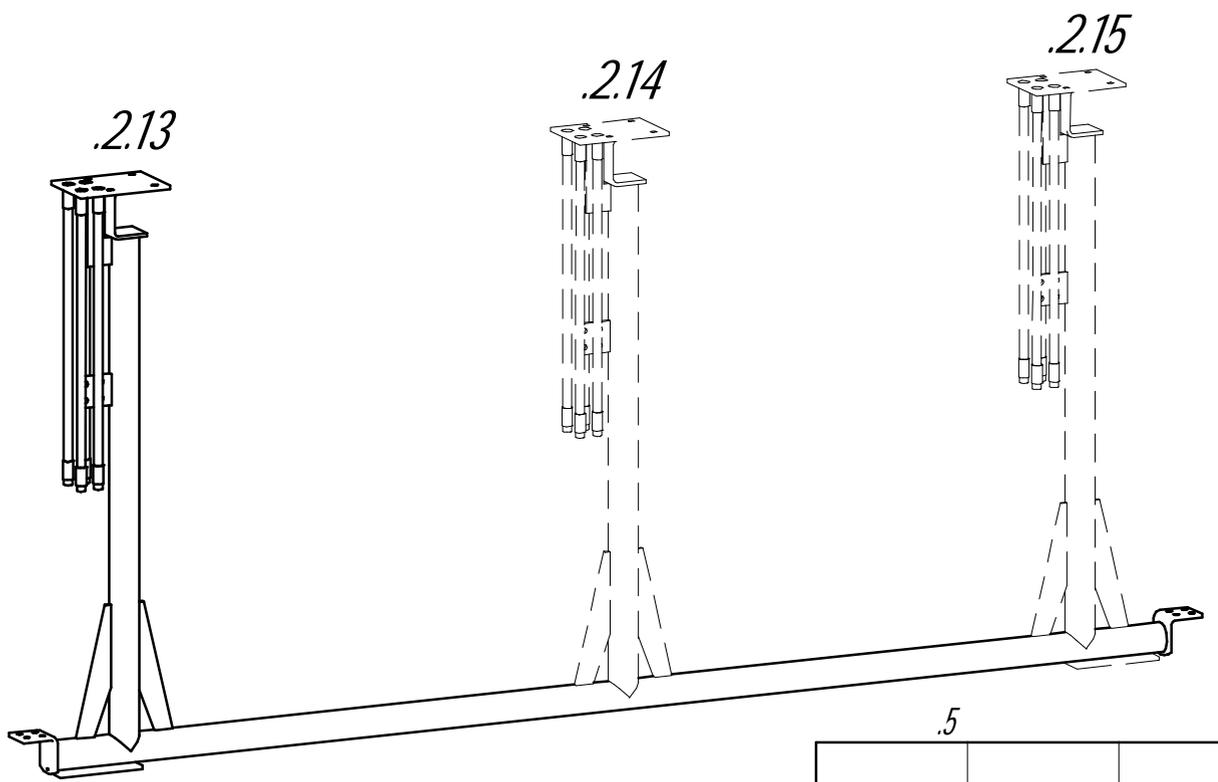
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.211	-2004	
.212	-2005	

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9	0407-9177	19.04.2016
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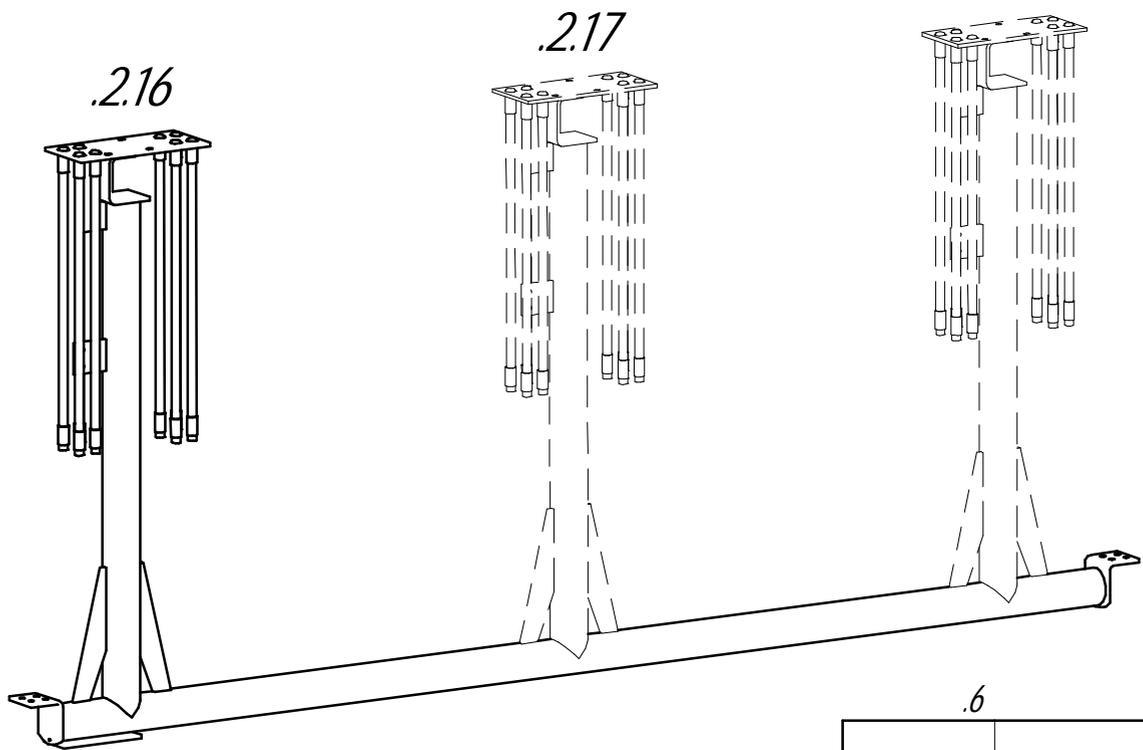
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.214	-1980	
.215	-1981	

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.218



.216	-2006	
.217	-2007	
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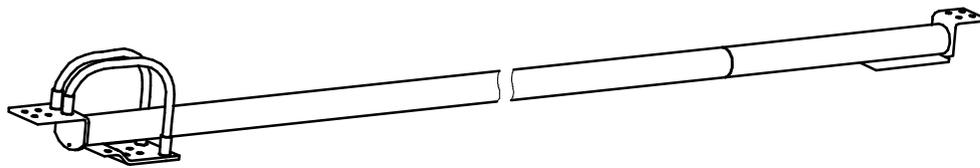
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9	0407-9177	19.04.2016
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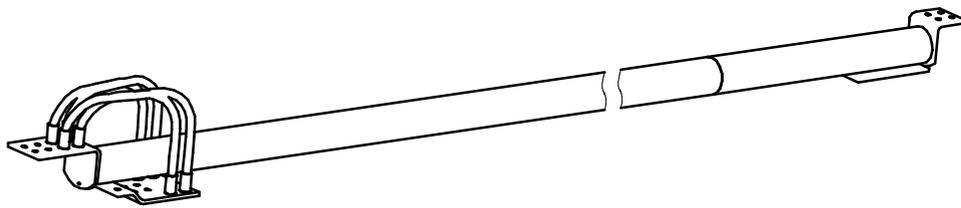
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.7

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-1993	



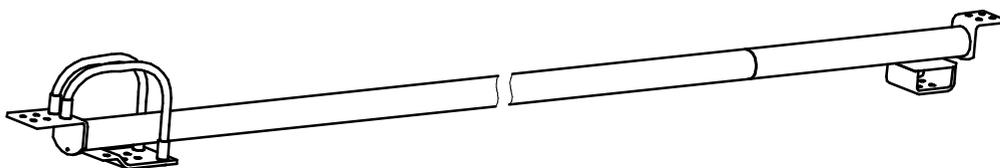
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-2009	
-2010	
-2011	



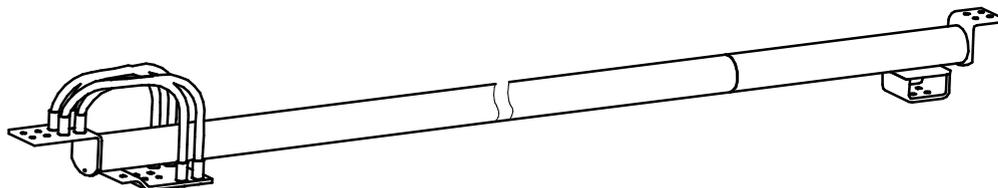
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.9

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-1995	
-1996	



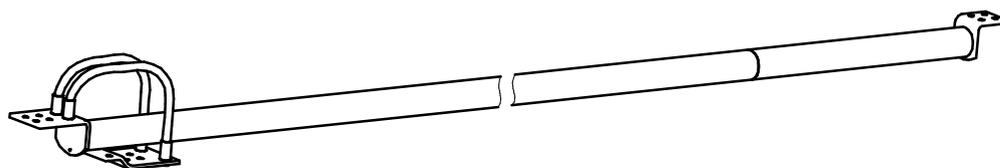
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.10

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-2013	
-2014	



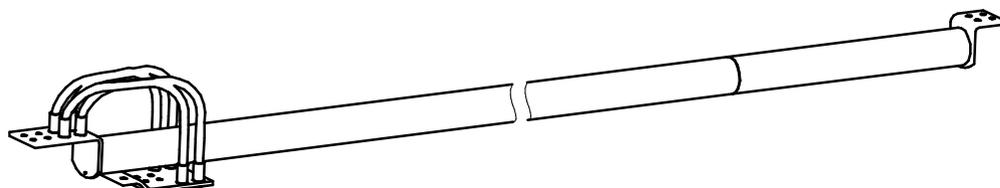
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(l=1000)

.11

-1997	
-1998	
-1999	



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(l=2000)

.12

-2015	
-2016	
-2017	

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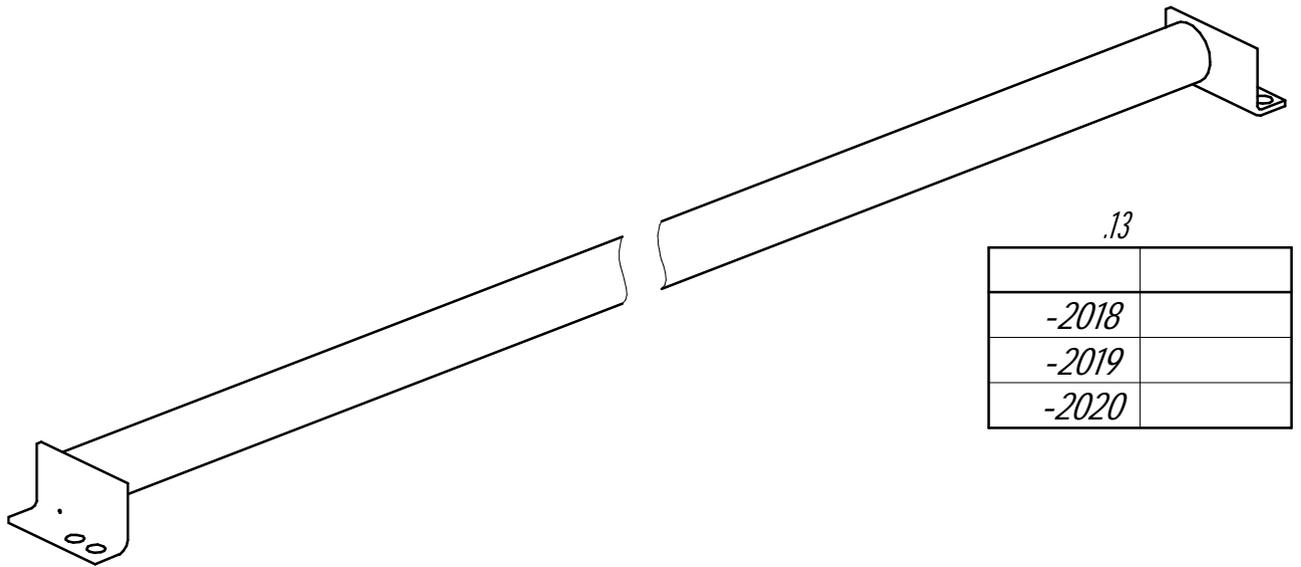
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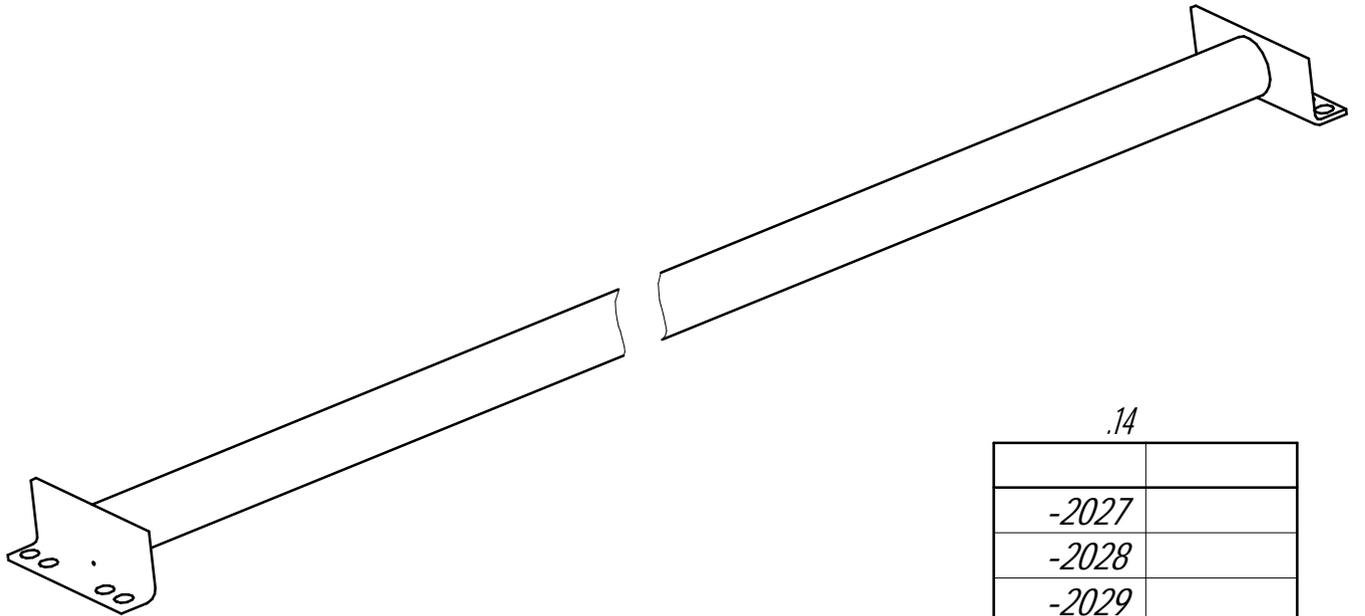
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.13

-2018	
-2019	
-2020	

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.14

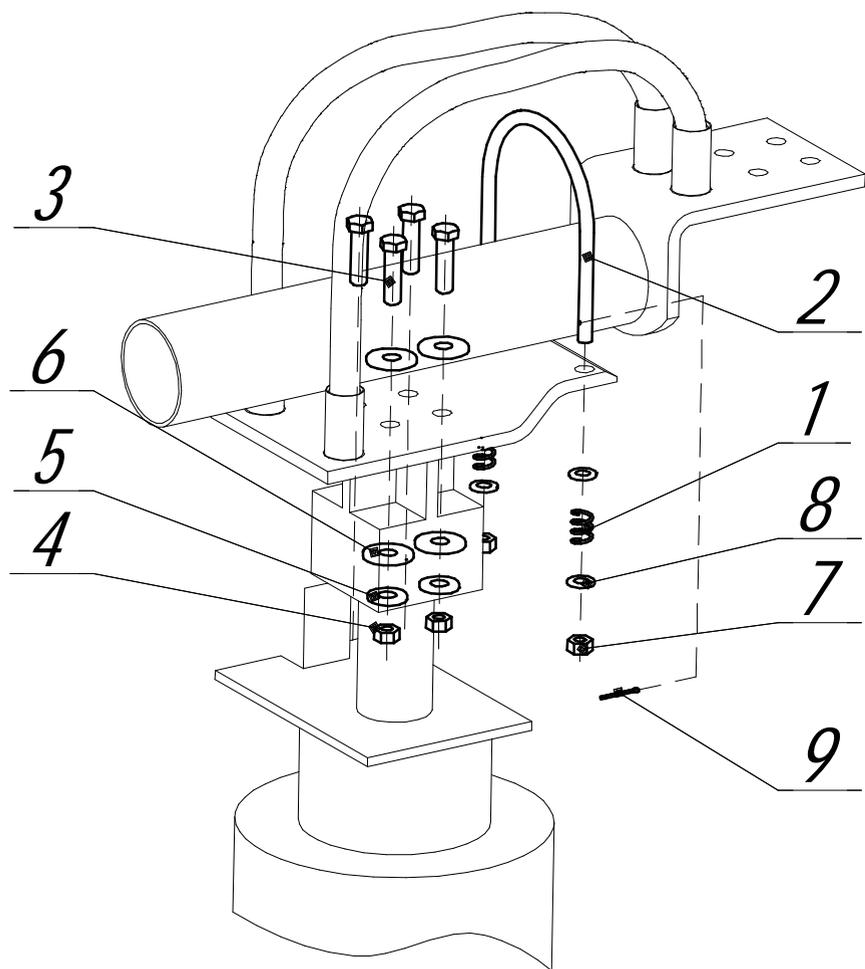
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-2028	
-2029	

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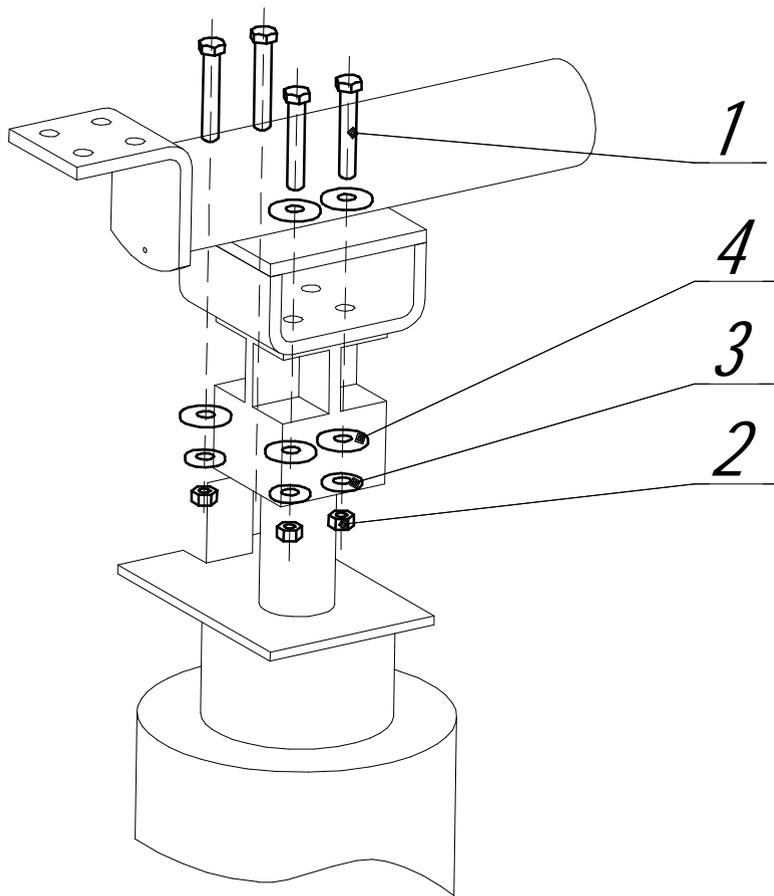
9	0407-9177	19.04.2016

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.1 - 6 .020.916-01

			-
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2	8	.141.429-17 (-17)	1
3	12-8g	45.58.0115 7796-70	4
4	12-7H.6.0115	5915-70	4
5	12	DIN 6796	4
6	12.01.0115	6958-78	8
7	10-7H.6.0115	5915-70	4
8	10.01.0115	6958-78	8
9	2,5	25.0115 397-79	2



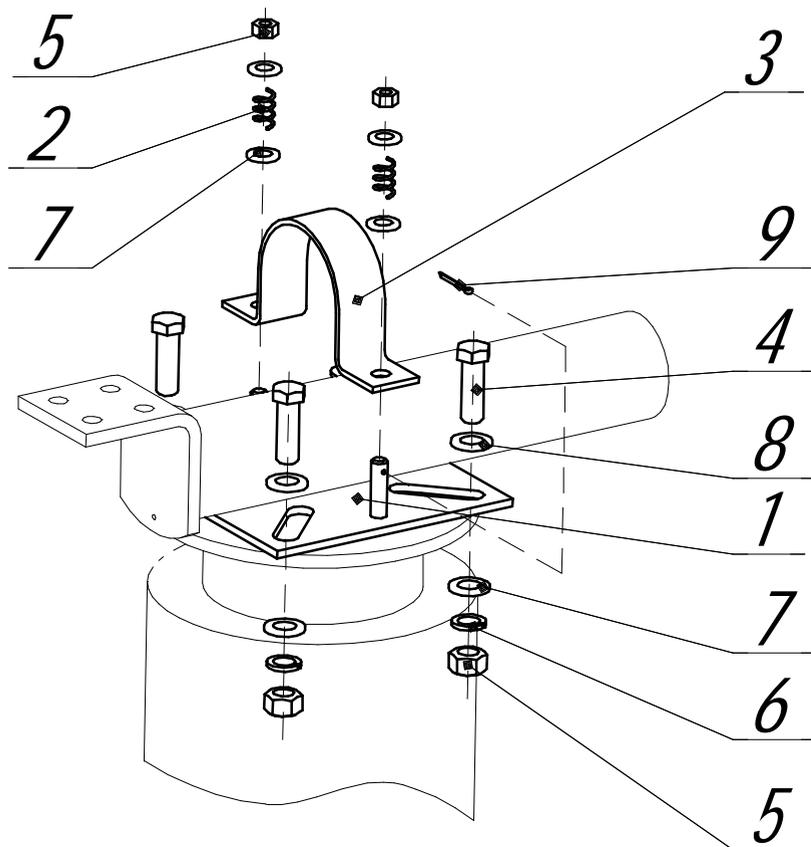
.2 - 6 .020.916

			-
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2	12-7H.6.0115	5915-70	4
3	12	DIN 6796	4
4	12.01.0115	6958-78	8

.4 -

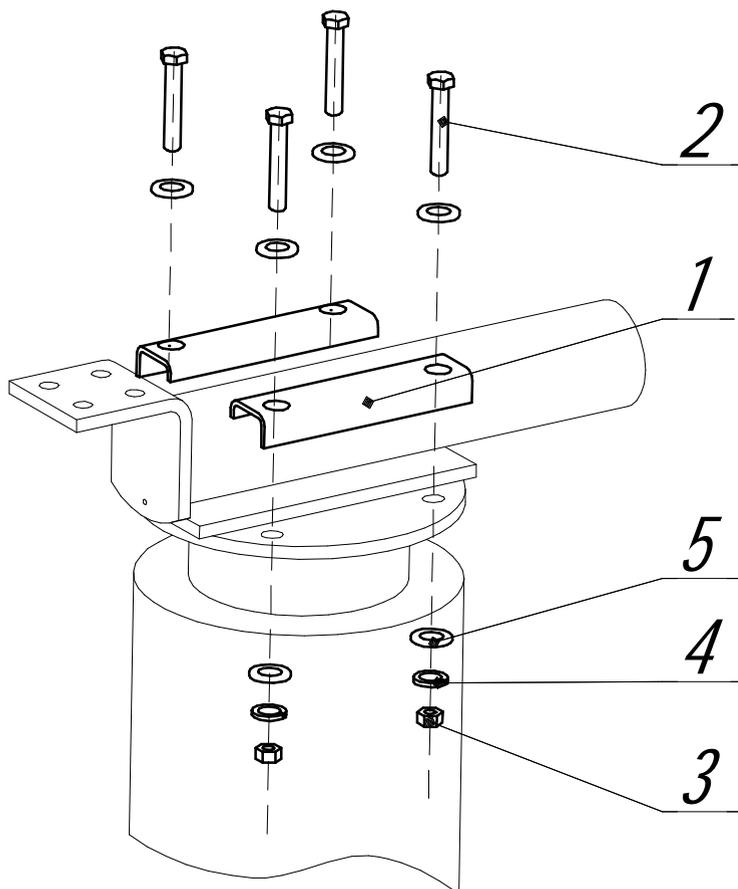
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.3 - 6 .018.003

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2	8	.281.000 (-3)	2
3	8	.141.430-09 (-33)	1
4	12-8g	3558.0115 7796-70	4
	16-8g	5058.0115 7796-70	
5	12-7H6.0115	5915-70	6
	16-7H6.0115	5915-70	
6	12.65 .0115	6402-70	4
	16.65 .0115	6402-70	
7	12.01.0115	11371-73	8
	16.01.0115	11371-73	
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9	3	30.0115 397-79	2



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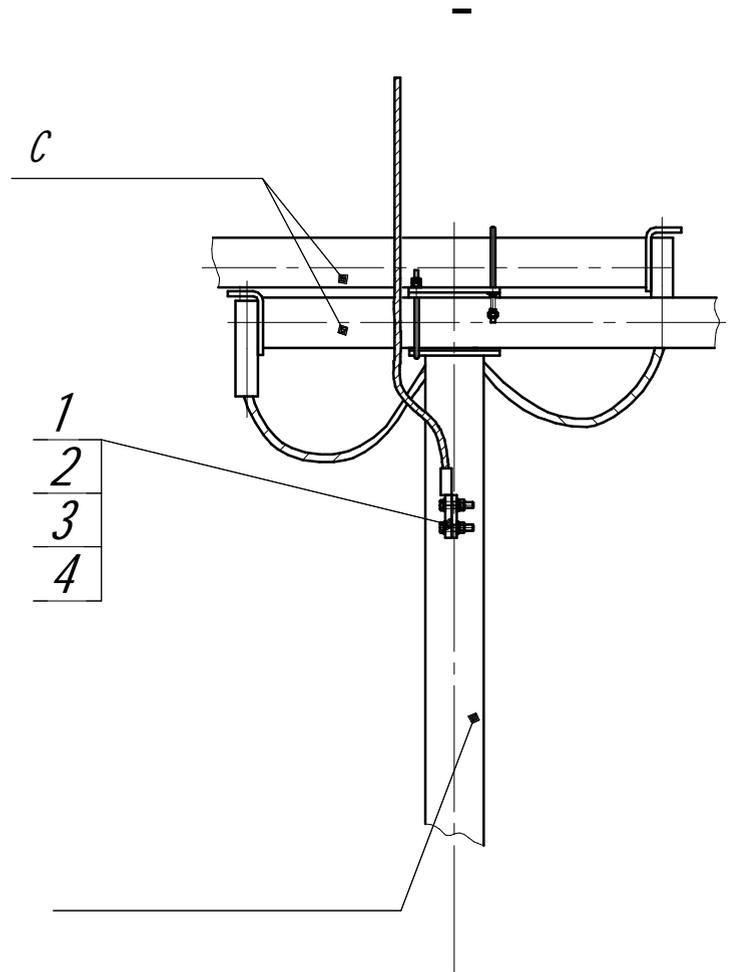
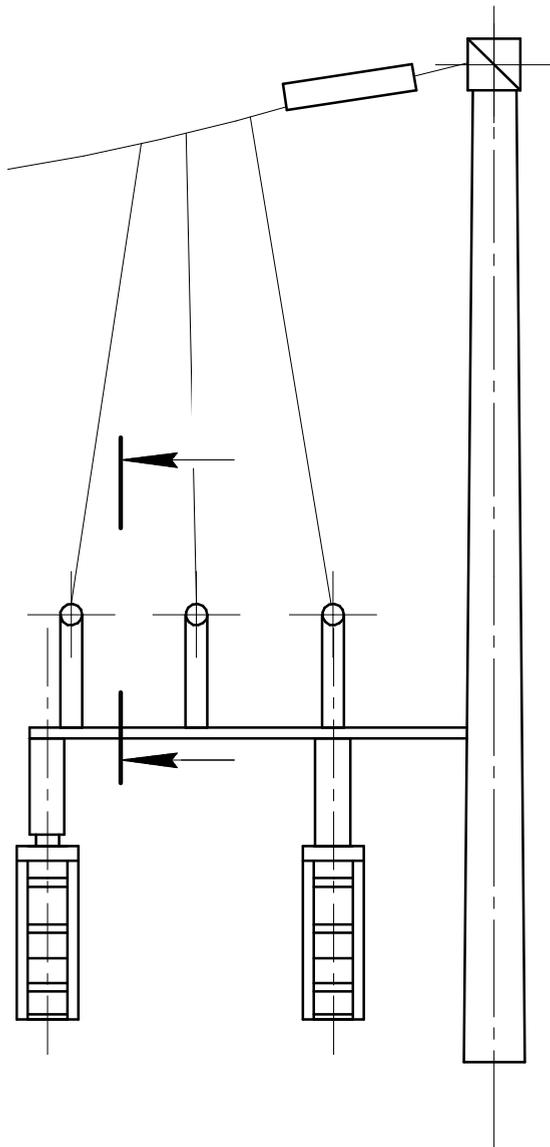
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	16-8g	7058.0115 7796-70	
3	12-7H6.0115	5915-70	4
	16-7H6.0115	5915-70	
4	12.65 .0115	6402-70	4
	16.65 .0115	6402-70	
5	12.01.0115	11371-73	8
	16.01.0115	11371-73	

.5 -

9	.0407-9177	19.04.2016
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.7 - 6 .018.000

			-
1	12-8g 60580115	7796-70	4
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4	12.01.0115	6958-78	8

.8 -

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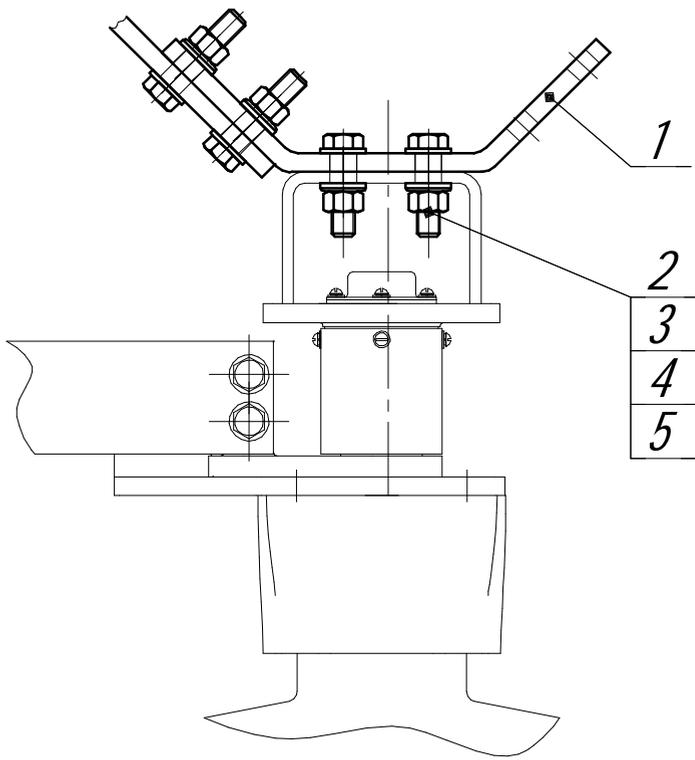
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0 .412.086 4

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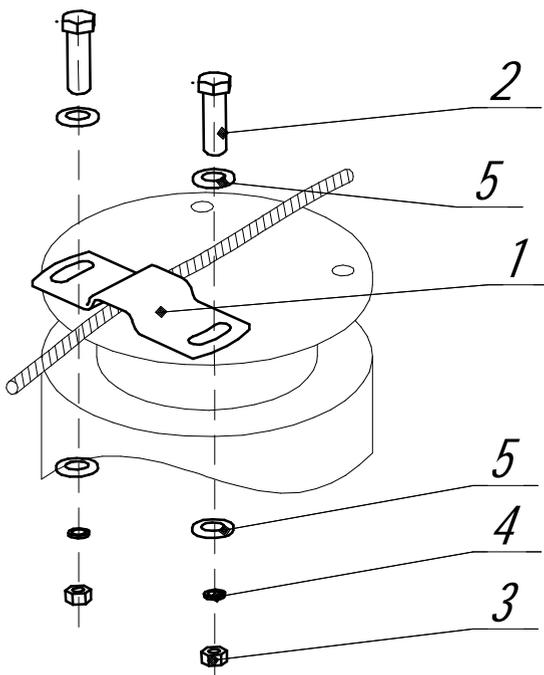
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.8 - 6 .020.917

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2	12-8g	6058.0115 7796-70	8
3	12-7H.6.0115	5915-70	8
4	12 DIN 6796		8
5	12.01.0115	6958-78	16

.9 -



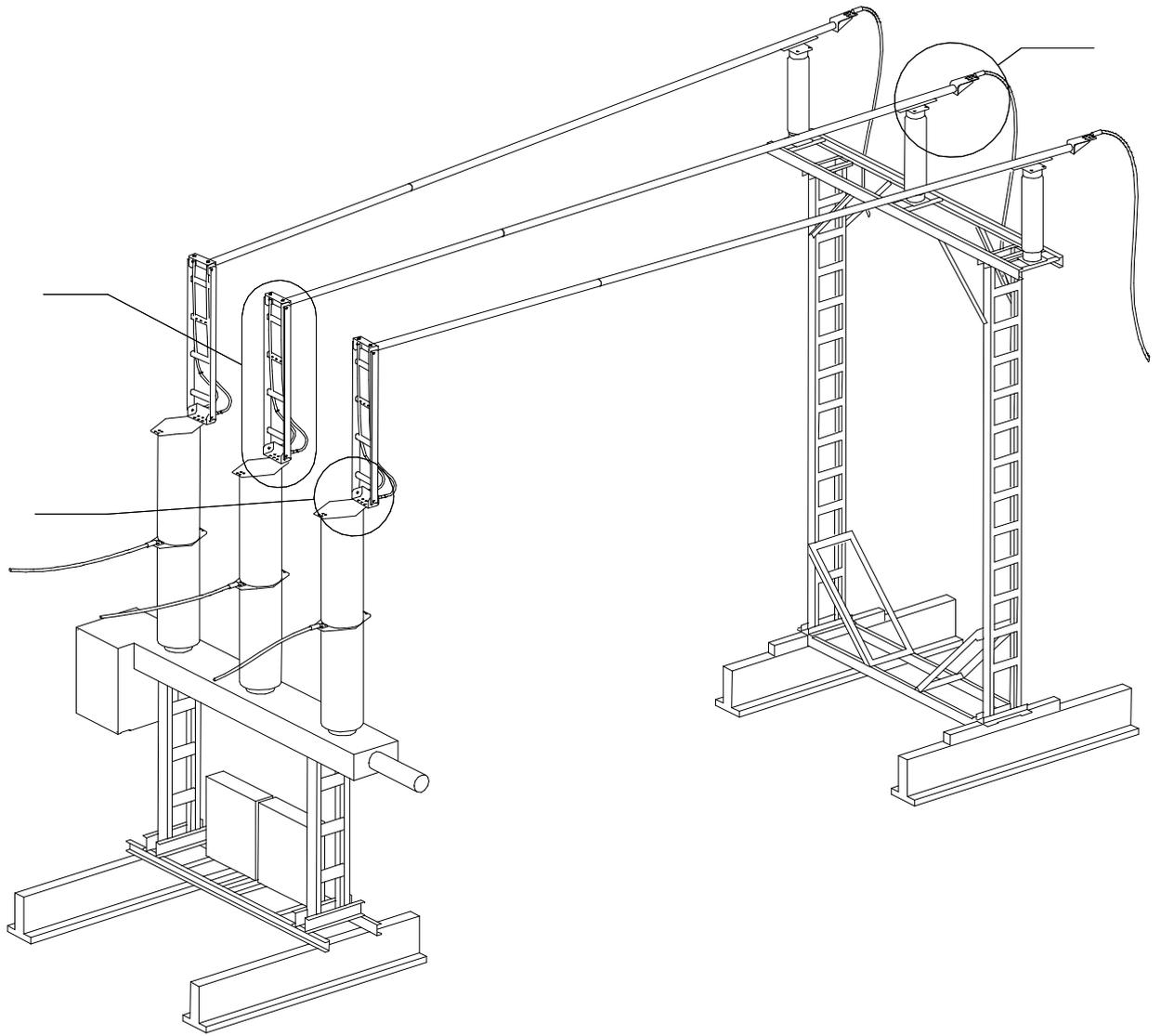
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1	8	.141.428-08 (-48)	1
2	16-8g	5058.0115 7796-70	2
3	16-7H.6.0115	5915-70	2
4	16.65 .0115	6402-70	2
5	16.01.0115	6958-78	4

.10 -

9	.0407-9177	19.04.2016
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0 .412.086 4



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(, LTB, -FG)

.1 - .6

9

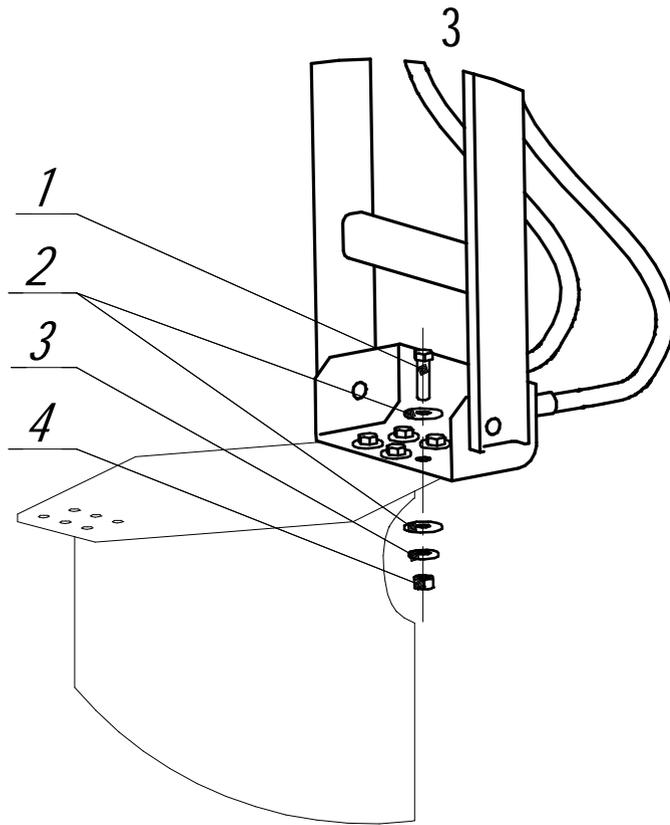
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19.04.2016

0 .412.086 4

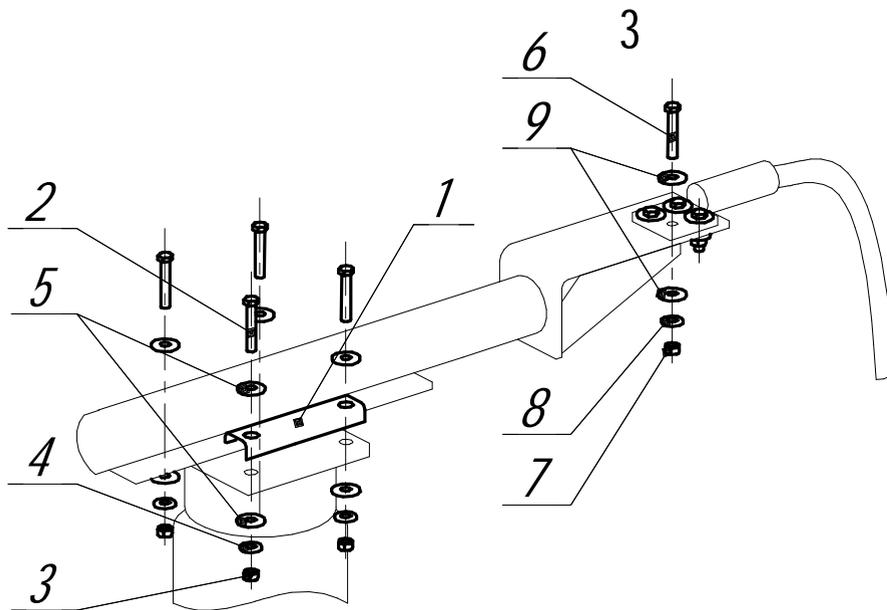
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3		-17	18
4	16	-	18



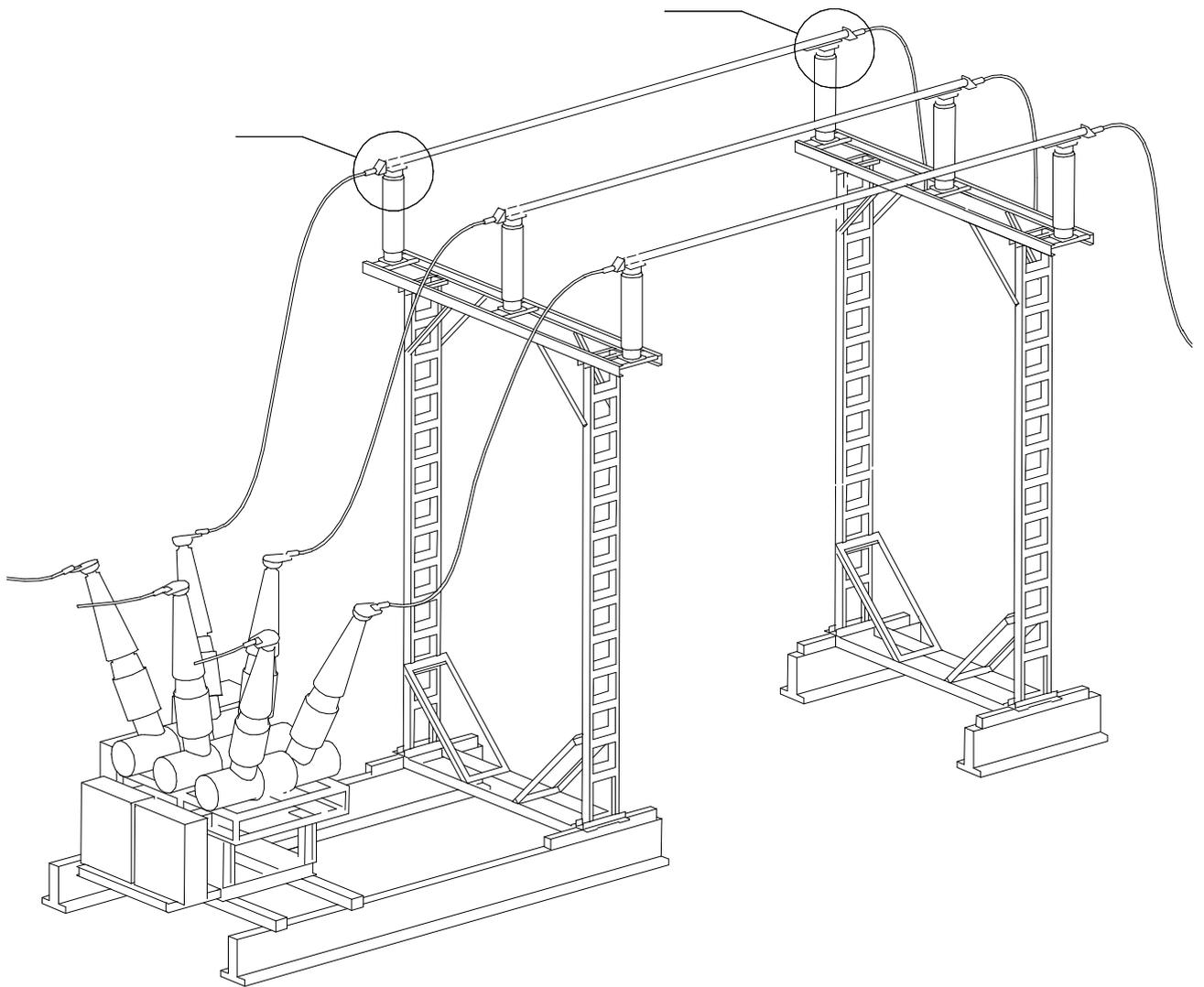
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			-
1		-4	6
2	*	-	12
3	*	-	12
4	*	-	12
5	*	-	24
6	12 60	-	12
7	12	-	12
8	DIN 6796	-	12
9	12	-	24

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9	0407-9177	19.04.2016
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0 .412.086 4



.3 -

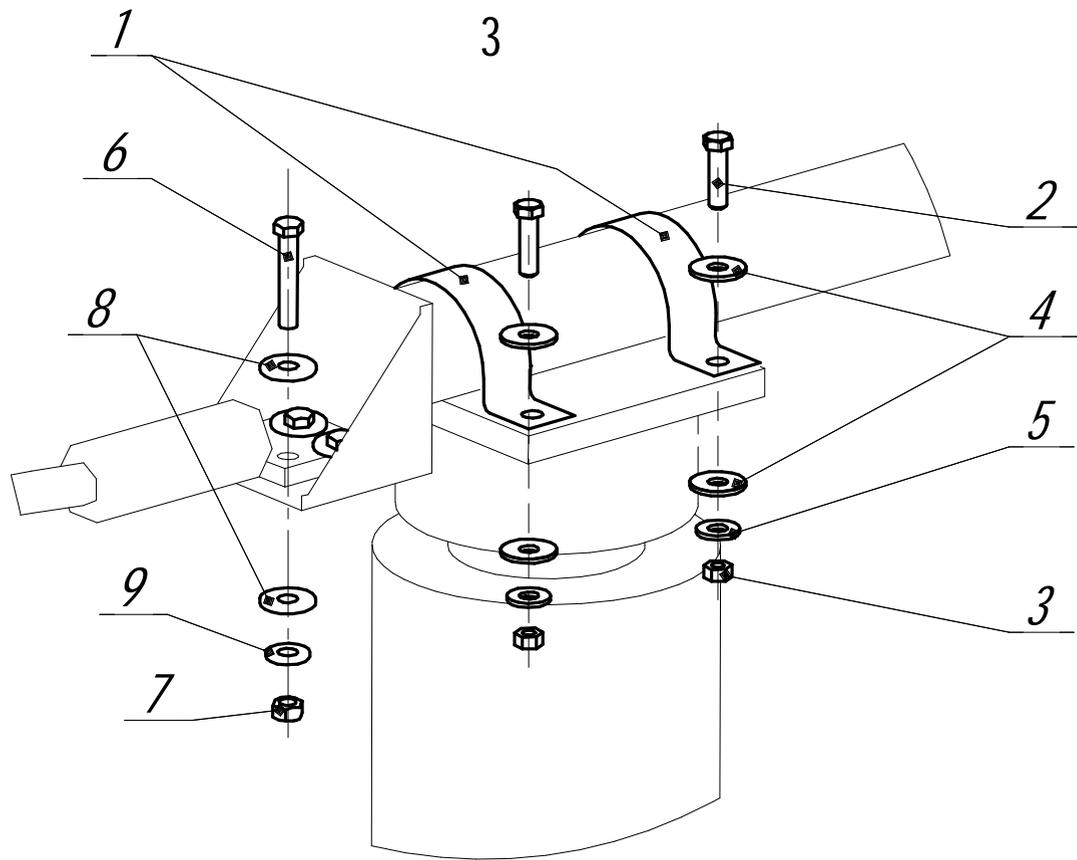
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(-110, 1DT-145).

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9	0407-9177	19.04.2016
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0 .412.086 4



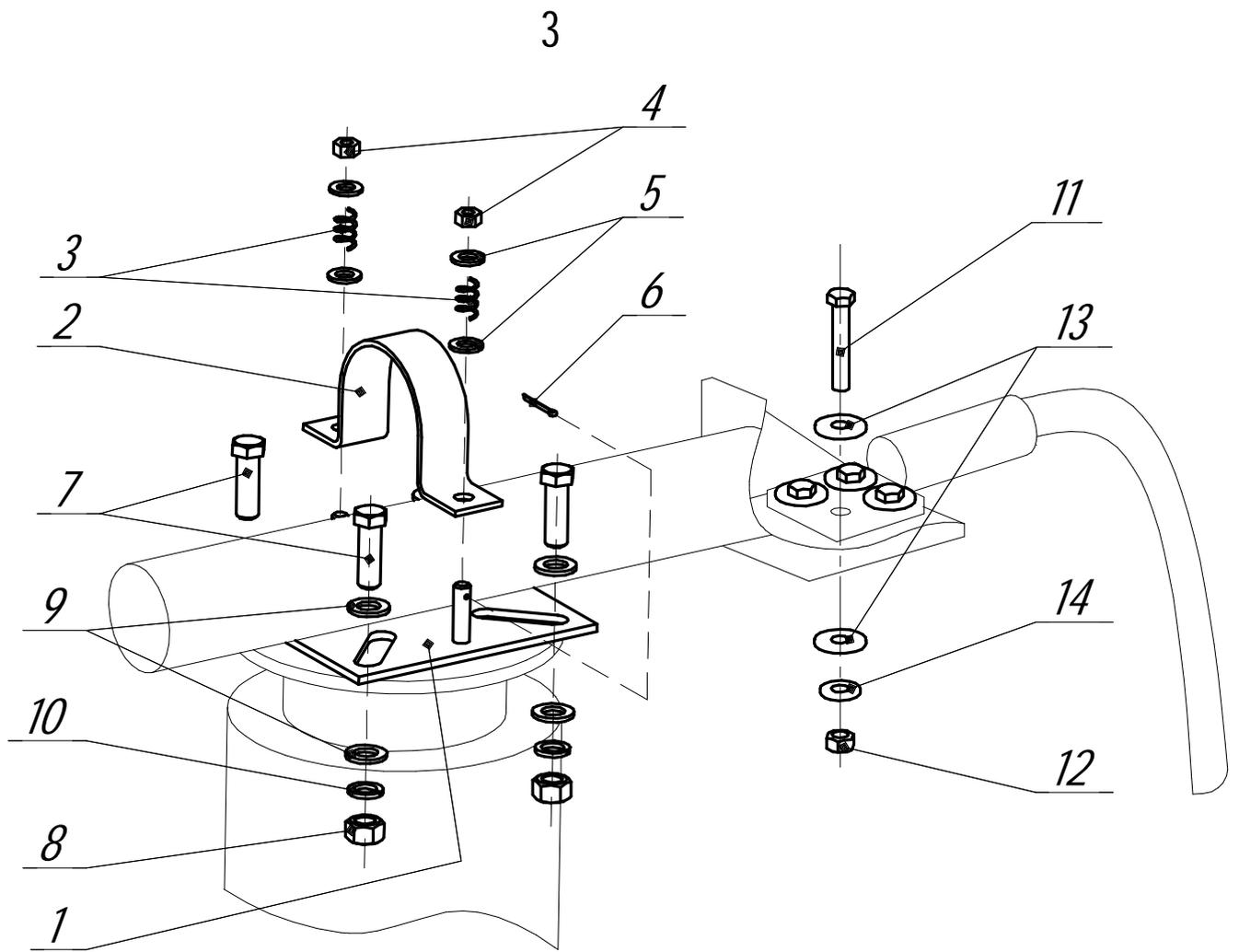
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3	12	-	12
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5	12	-	12
6	12 60	-	12
7	12	-	12
8	12	-	24
9	DIN 6796	-	12

.4 -

9	. 0407-9177	19.04.2016
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0 .412.086 4



.6 - 6 .018.003

			-
1		-11	3
2		-33	3
3		-3	6
4	12	-	6
5	12	-	12
6	3	-	6
7	16 50	-	12
8	16	-	12
9	16	-	24
10	16	-	12

.6- 6 .018.000

			-
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12	12	-	12
13	12	-	24
14	DIN 6796	-	12

9

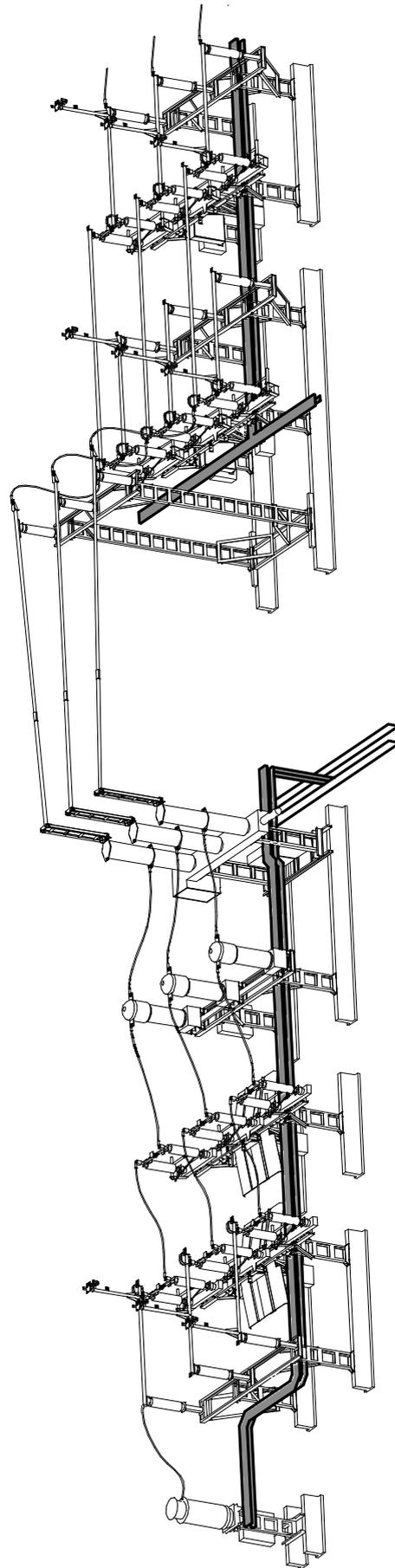
. 0407-9177

19.04.2016

0 .412.086 4

125

A4

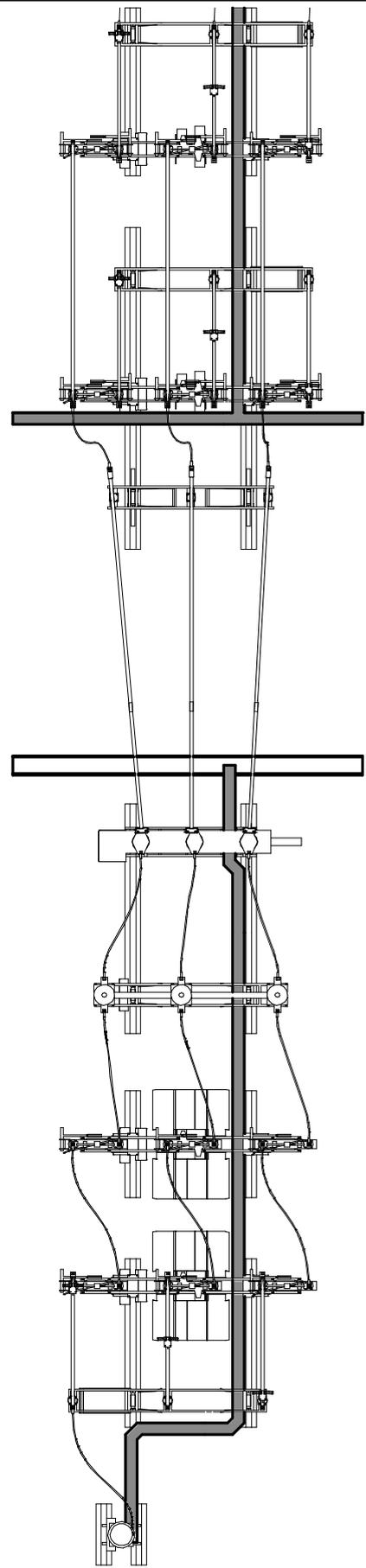
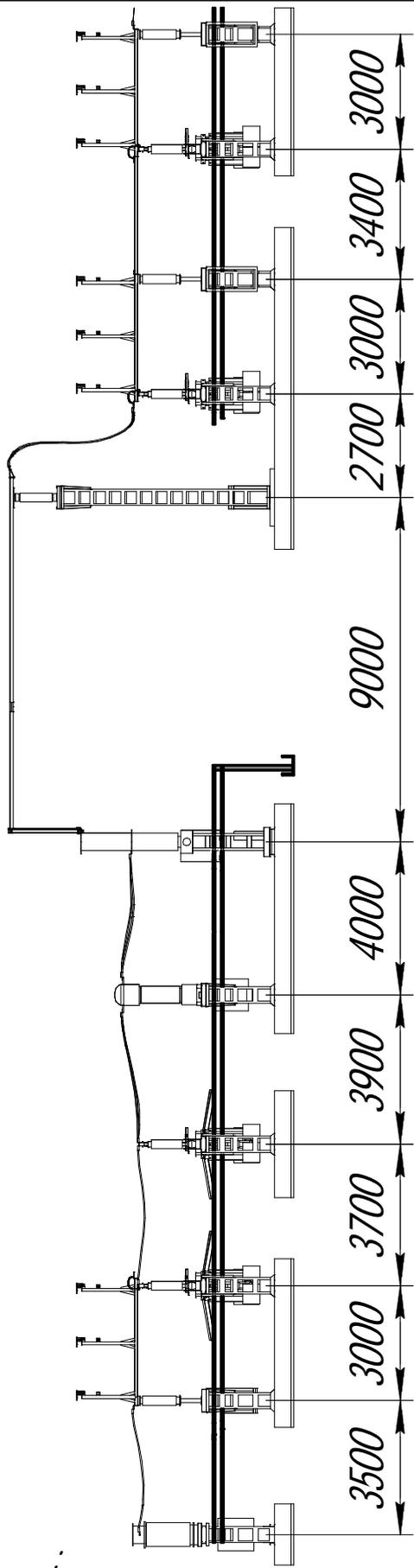


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-110

9	0407-9177	19.04.2016

0 .412.086 4



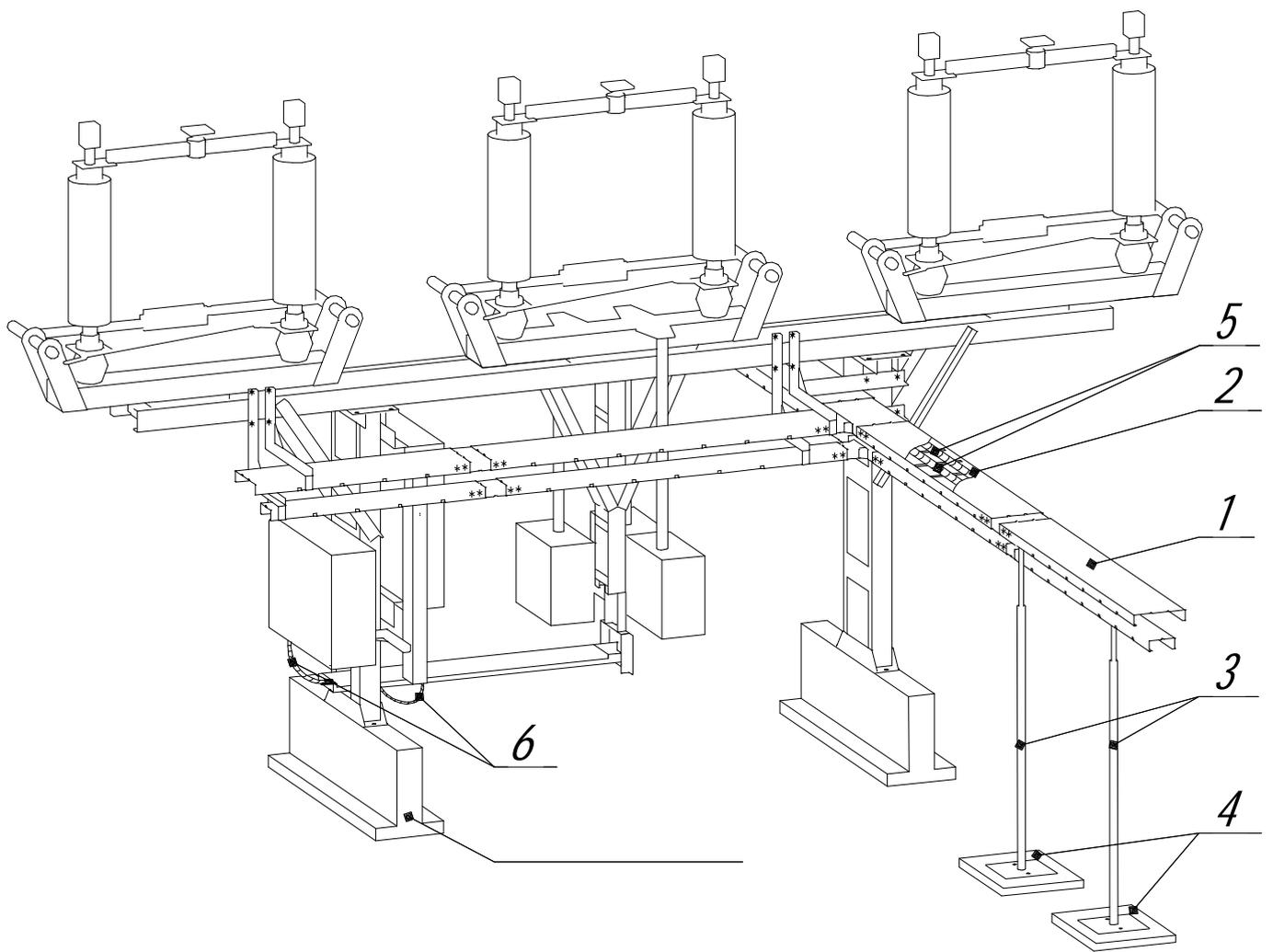
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9	0407-9177	19.04.2016
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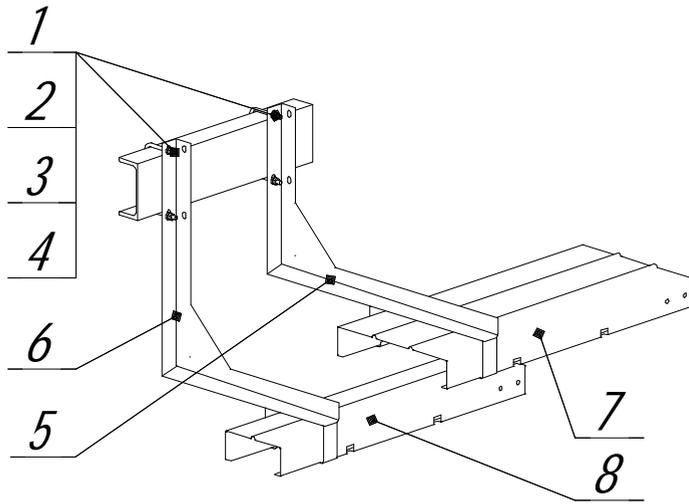
0 . 412.086 4



.1 -

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2		-64	-63
3		-105	-104
4		-5	
5			

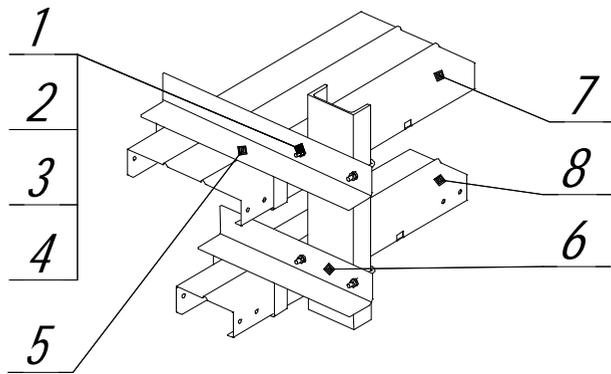
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.2 -

1		-37
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3	8	-
4	8	-
5	300	-2
6	150	-272
7	300	-4
8	150	-3

.4 -



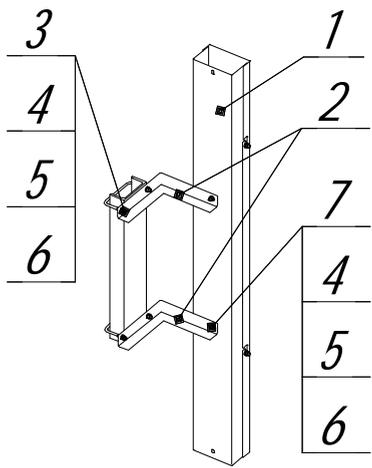
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1		-37
2	8	-
3	8	-
4	8	-
5	300	-2
6	150	-272
7	300	-4
8	150	-3

.5 -

9	0407-9177	19.04.2016
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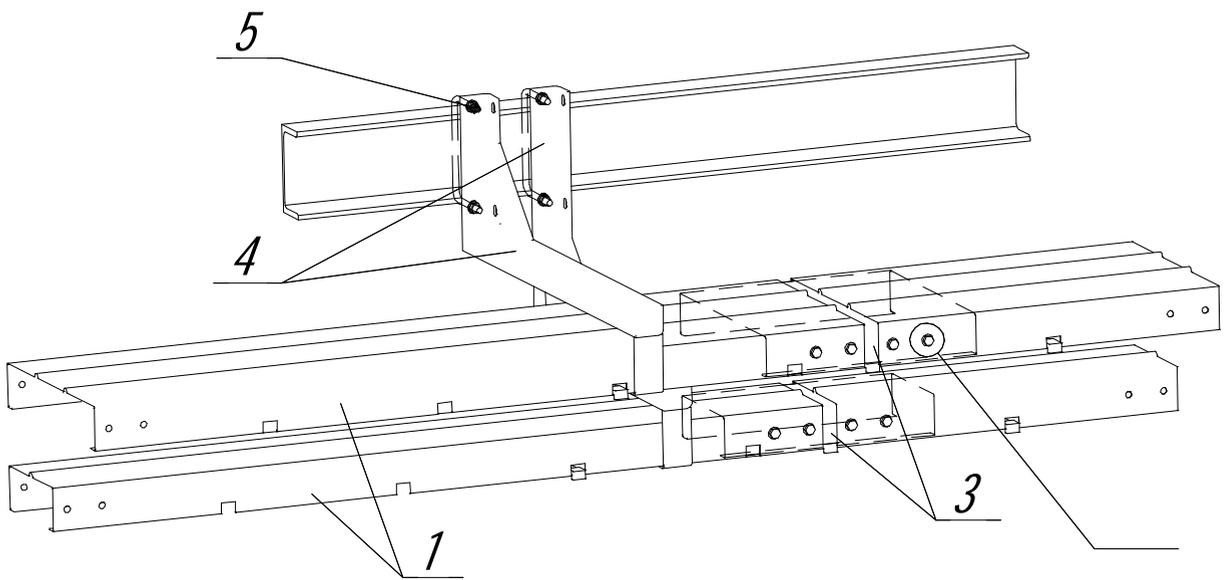
0 .412.086 4



.5 -

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3		-37
4	8	-
5	8	-
6	8	-
7	8-8g 20	-

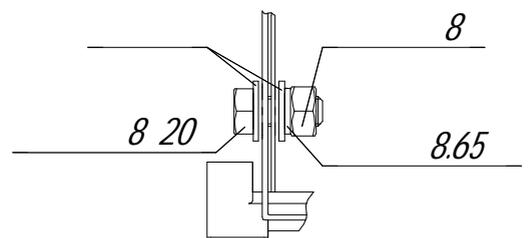
.6 -



.6 -

		300	150
1		-4	-3
2		-64	-63
3		-2	-1
4		-2	-272
5		-37	

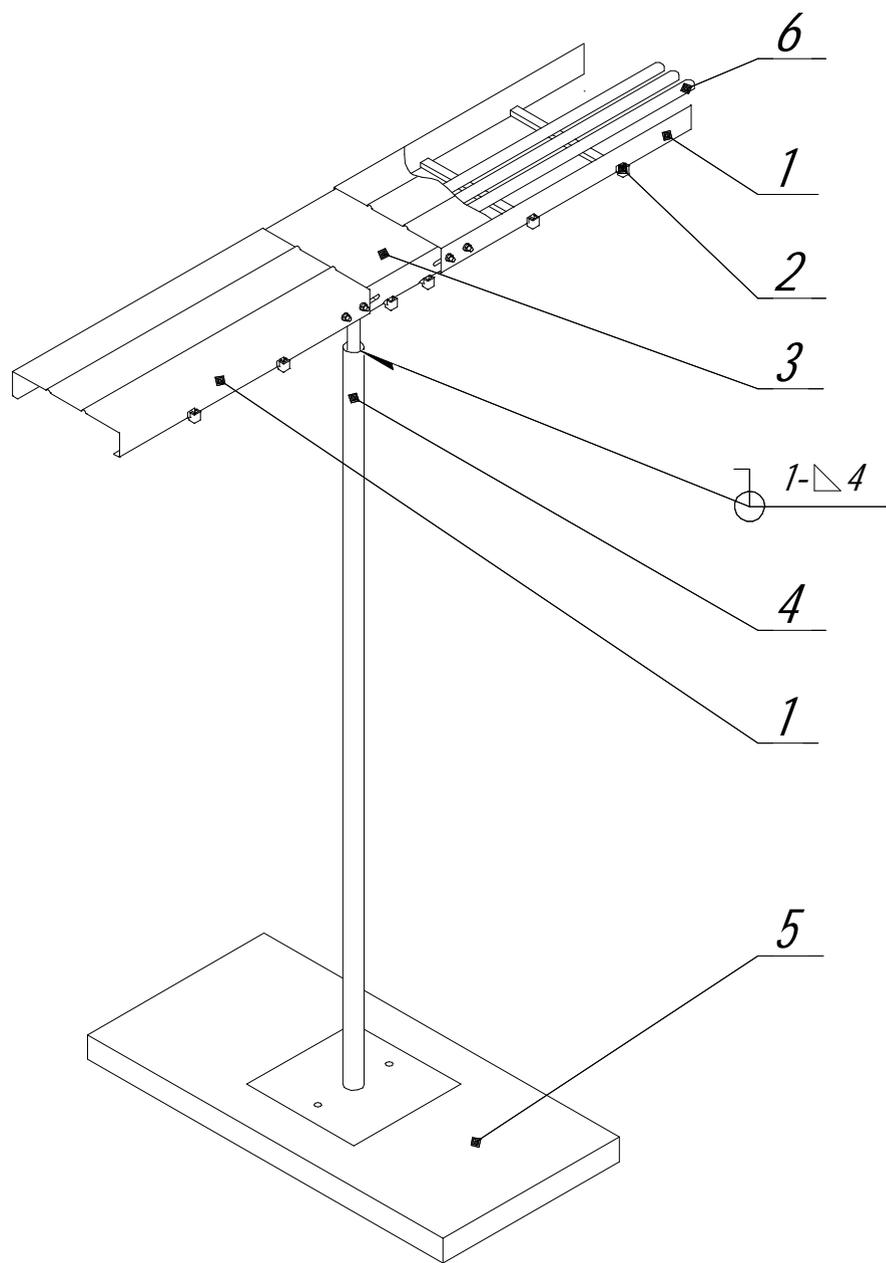
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.7 -

9	0407-9177	19.04.2016
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0 .412.086 4



.7 -

		300	150
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2		-64	-63
3		-105	-104
4		-106	-107
5		-5	
6			

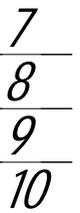
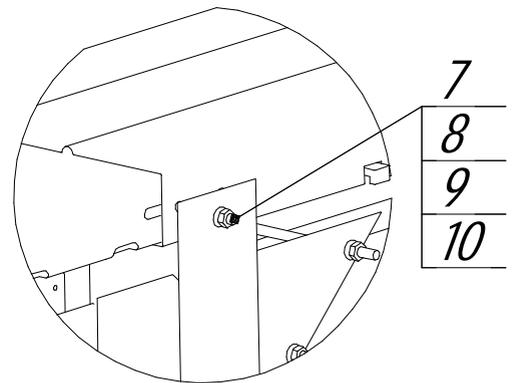
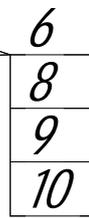
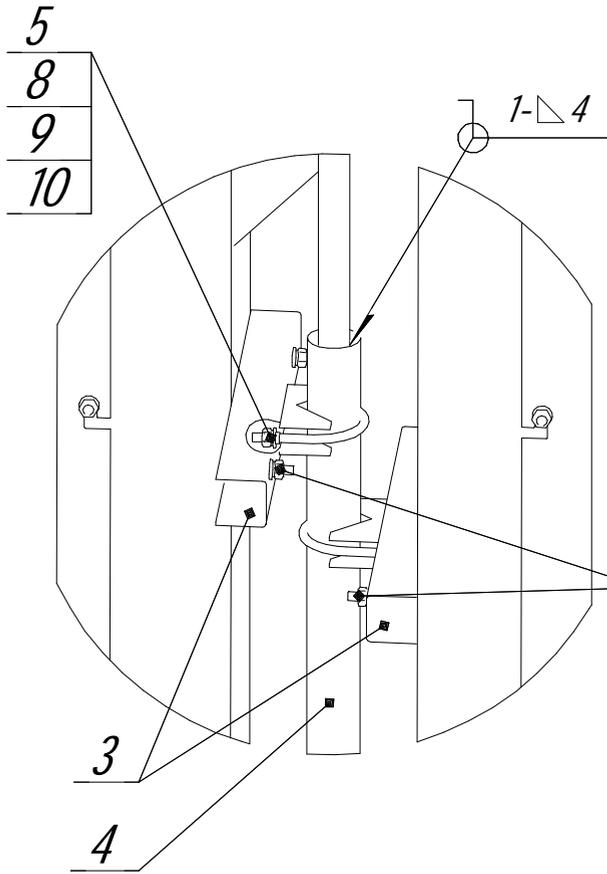
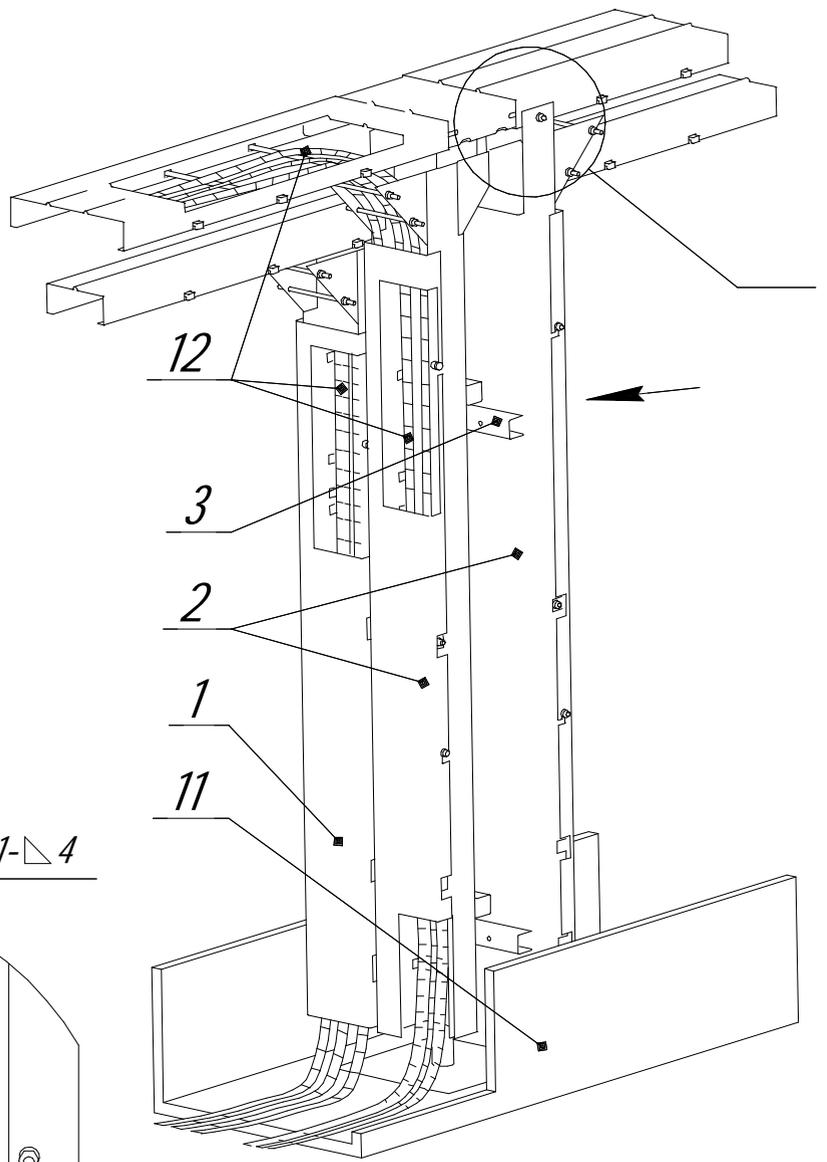
.8 -

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9	0407-9177	19.04.2016	0 .412.086 4	131
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.8 -

1		-106
2		-107
3		-357
4		-105
5		-45
6	8 70	-
7	8 35	-
8	8	-
9	8	-
10	8	-
11		
12		



.9 -

:- (.1 2)

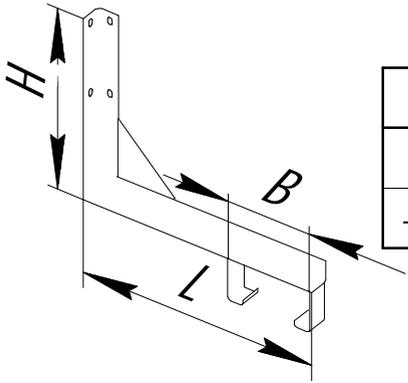
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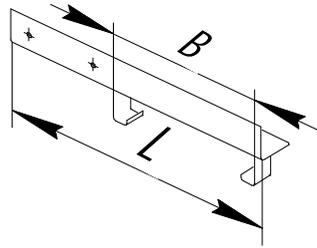
9	0407-9177	19.04.2016
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0 .412.086 4

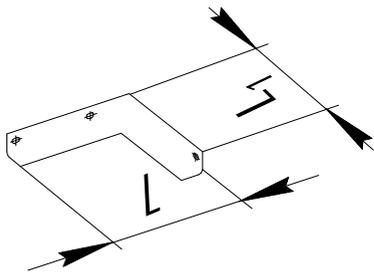
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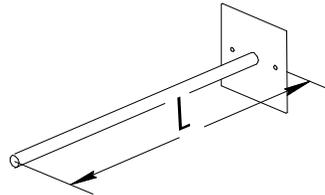
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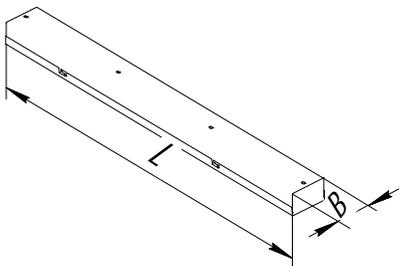
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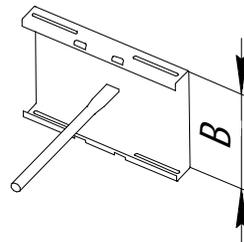
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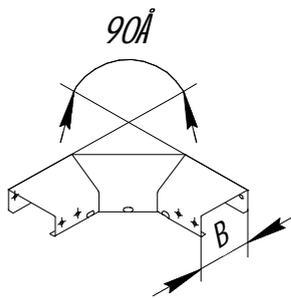
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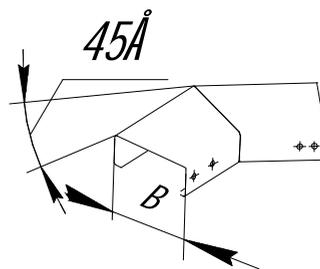
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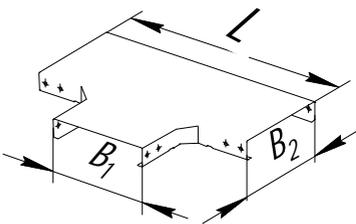
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-105	296



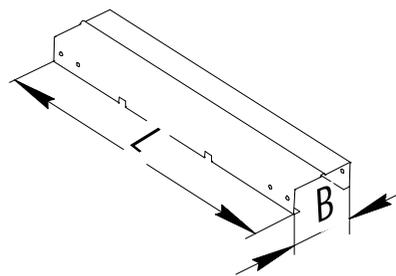
	,
-13	146
-14	296



	,
-76	146
-77	296



	1',	2',
-15	146	146
-17	296	296



	,	L,
-3	150	2000
-4	300	2000
-140	300	440
-141	150	440
-142	300	1100
-143	150	1100

.10 -

9

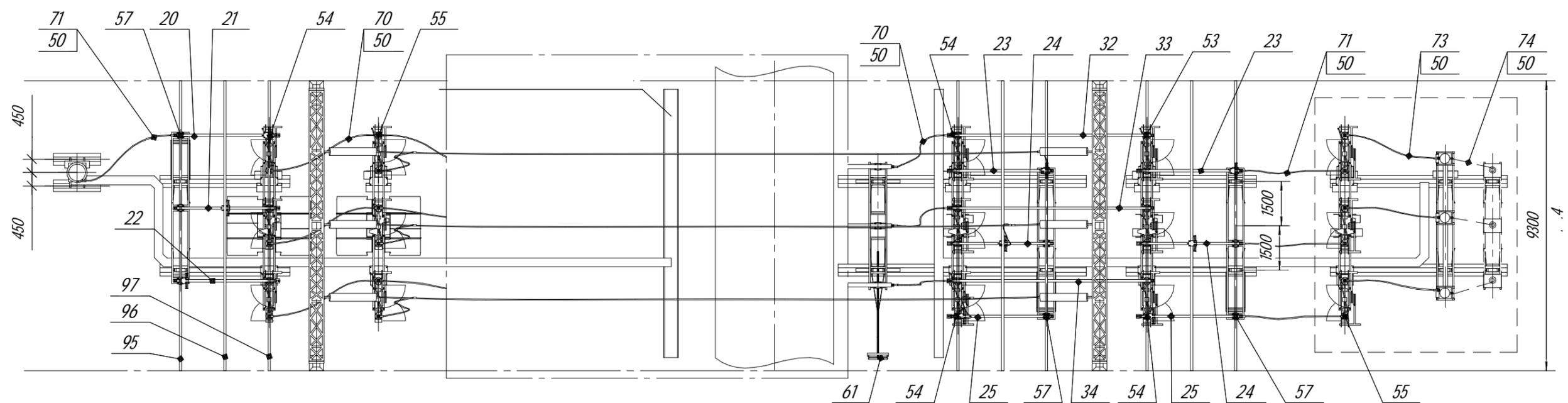
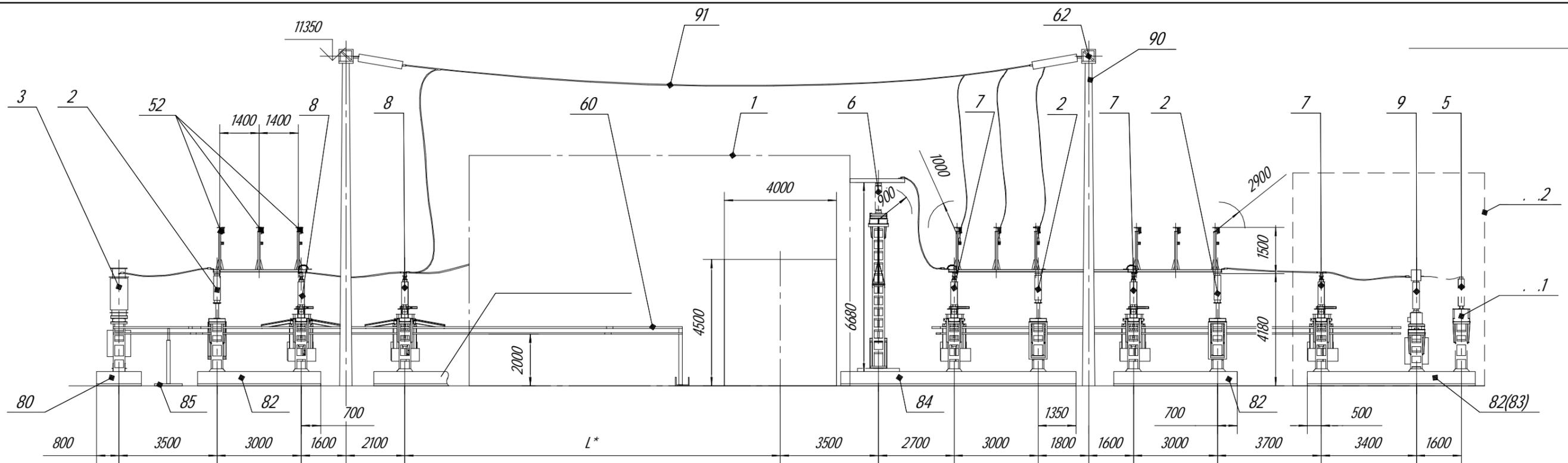
0407-9177

19.04.2016

0 .412.086 4

133

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.1: 35, 36. 110 " " " " " "

1	I,				
35-1	1000				
35-2	2000				
36-1	1000	.1			
36-2	2000	.2			

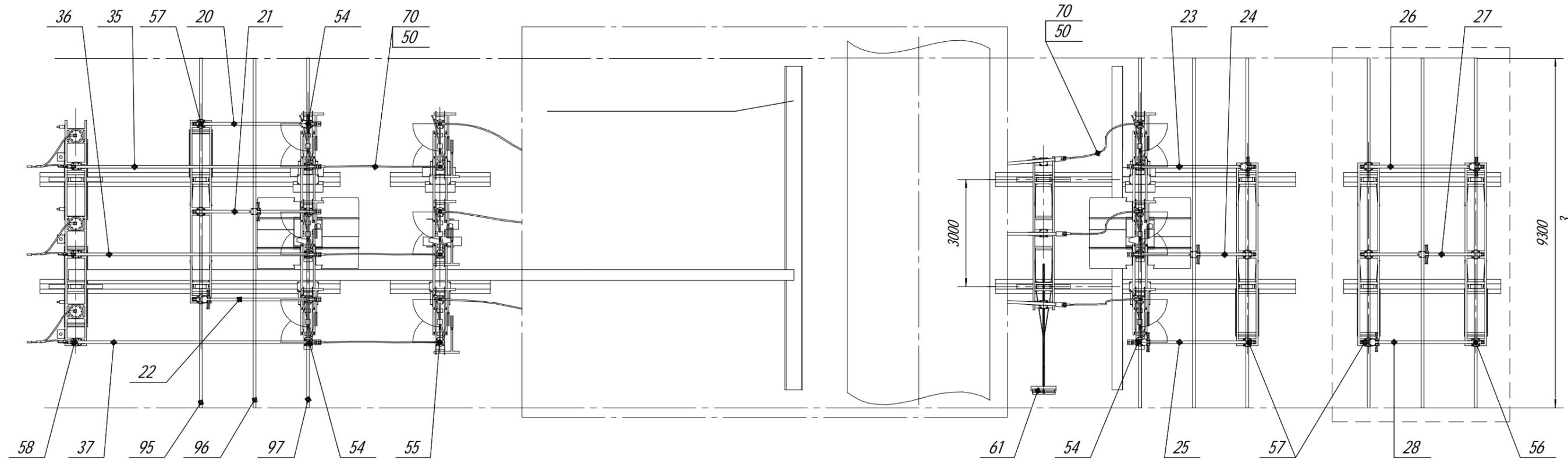
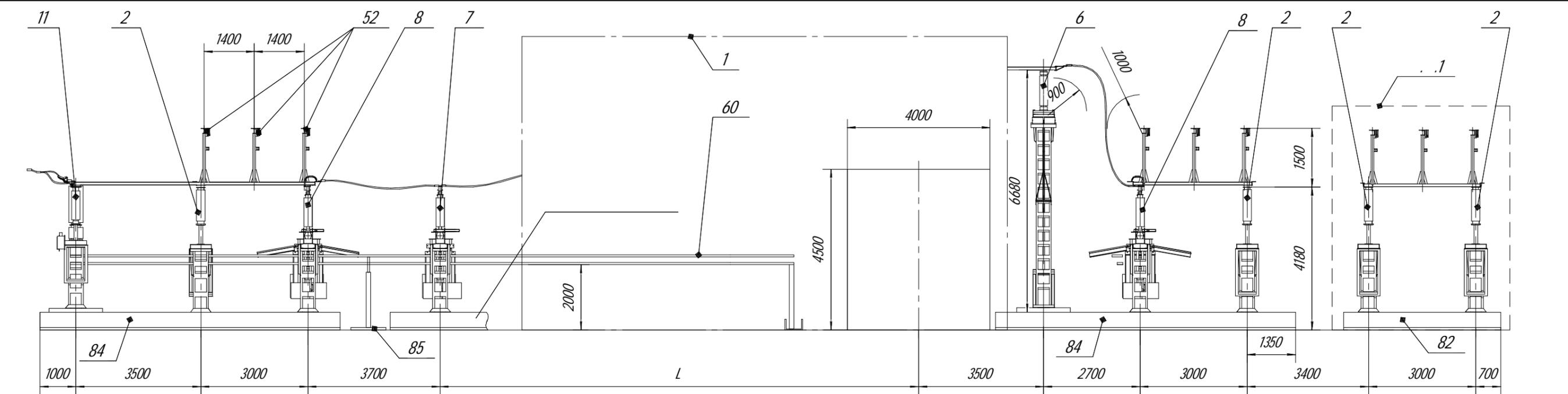
1 (.82) -6,0 (.83) -4,4
 2 * L 9300 36-1, 36-2
 3
 4
 5

- -110, - -110, SGF-123 - -110.

9	0407-9177	19.04.2016	0 412.086 4	135
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		.1		35		
		35-1 (1000)		35-2 (2000)		
			-		-	
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
3	110-73- 1	1	110-73- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	2	110-19/2,4-2000 1	2		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	2	5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2	5 .531.771-04 (-2004)	2		
25	5 .531.769-05 (-1978)	2	5 .531.771-05 (-2005)	2		" "
32	5 .531.770-03 (-1994)	1	5 .531.772-03 (-2012)	1		
33	5 .531.770-04 (-1995)	1	5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1	5 .531.772-05 (-2014)	1		
50	6 .018.000	20	6 .018.000	20		
52	6 .018.031	9	6 .018.031	9		
53	6 .020.916	3	6 .020.916	3		
54	6 .020.916-01	12	6 .020.916-01	12		" "
55	6 .020.917	3	6 .020.917	6		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2 (/)	(. . ")
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12		
71	5 .531.852-13 (-262)	4	5 .531.852-13 (-262)	4		(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12		
71	5 .531.853-13 (-262)	4	5 .531.853-13 (-262)	4		(:)
80	-1,6	2	-1,6	2		
82	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	14	-5	14		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	0407-9177	19.04.2016	0 .412.086 4			136

		2		36		
		36-1 (1000)		36-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
3	110-73- 1	1	110-73- 1	1		" "
5	110-63/2- 1	-1	110-63/2- 1	-1		(. . ")
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	3	110-19/2,4-2000 1	3		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
9	110-74/1,7- 1	1	110-74/1,7- 1	1		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	2	5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2	5 .531.771-04 (-2004)	2		" "
25	5 .531.769-05 (-1978)	2	5 .531.771-05 (-2005)	2		
32	5 .531.770-03 (-1994)	1	5 .531.772-03 (-2012)	1		
33	5 .531.770-04 (-1995)	1	5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1	5 .531.772-05 (-2014)	1		
50	6 .018.000	35	6 .018.000	35		
52	6 .018.031	9	6 .018.031	9		
53	6 .020.916	3	6 .020.916	3		
54	6 .020.916-01	12	6 .020.916-01	12		" "
55	6 .020.917	6	6 .020.917	12		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")
62	6 .010.050	-3	6 .010.050	-3		" "
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12		
71	5 .531.852-13 (-262)	4	5 .531.852-13 (-262)	4		
73	5 .531.852-04 (-253)	3	5 .531.852-04 (-253)	3		(:)
74	5 .531.868-01 (-120-2- -257)	3	5 .531.868-01 (-120-2- -257)	3		
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12		
71	5 .531.853-13 (-262)	4	5 .531.853-13 (-262)	4		
73	5 .531.853-04 (-307)	3	5 .531.853-04 (-307)	3		(:)
74	5 .531.869-01 (-120-2- -311)	3	5 .531.869-01 (-120-2- -311)	3		
80	-1,6	2	-1,6	2		
82	-4,4	4/6	-4,4	4/6		
83	-6,0	2/0	-6,0	2/0		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	6	-3	6		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	0407-9177	19.04.2016	0 .412.086 4			137



.2: 37- 38. 110 " "

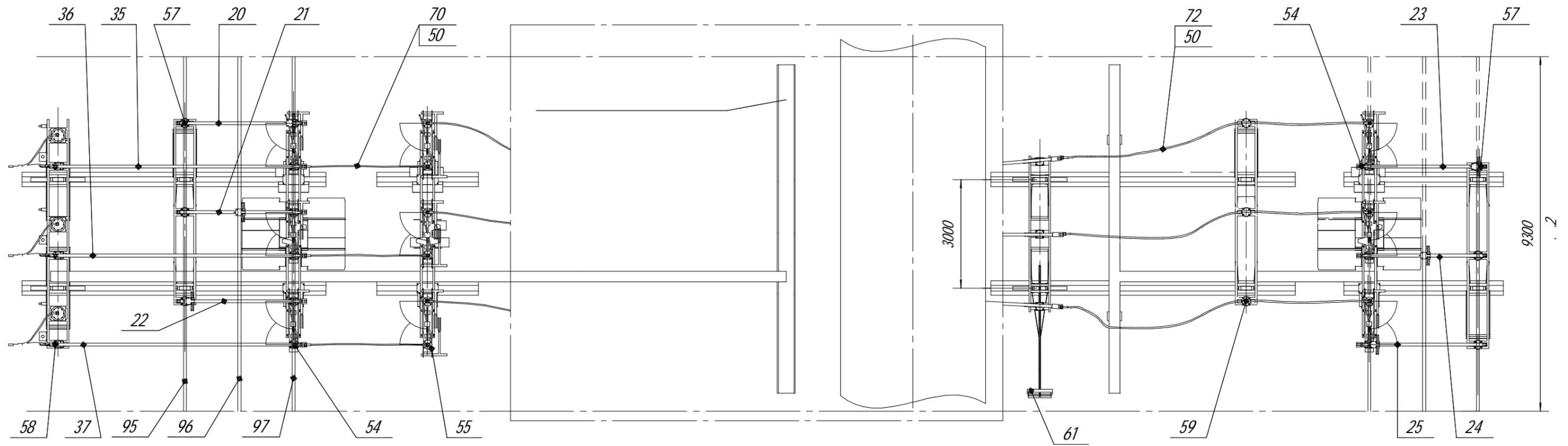
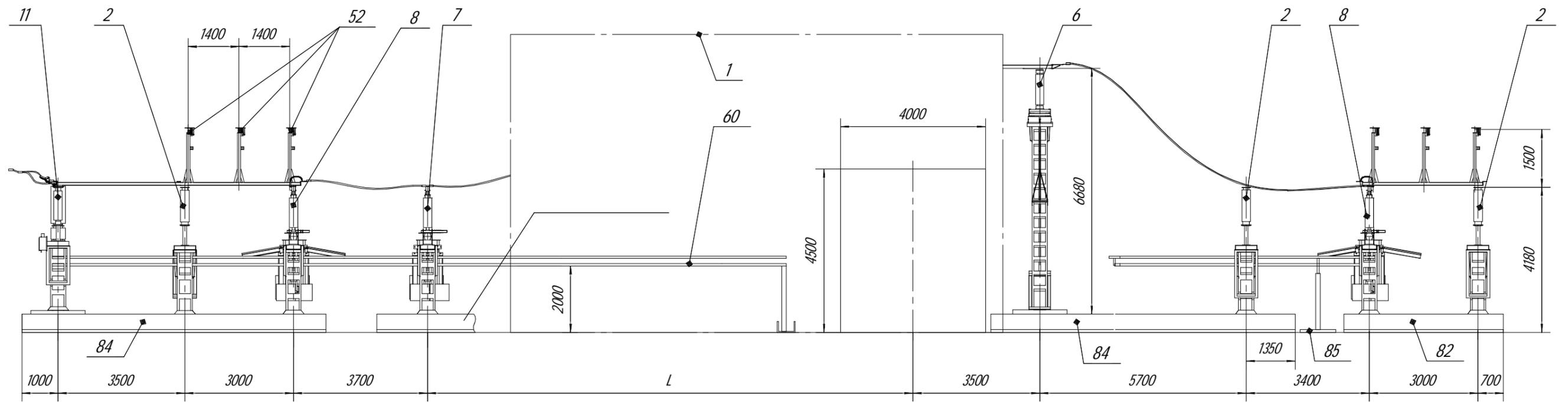
2		
	I,	
37-1	1000	.1
37-2	2000	
38-1	1000	
38-2	2000	

1
 2 * L
 3 9300 -
 4
 - -110, - -110, SGF-123 - -110.

9	0407-9177	19.04.2016	0 412.086 4	138
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		.3		37			
		37-1 (1000)		37-2 (2000)			
			-		-		
1		1		1			(. . ")
2	110-79/2,47- 1	4		110-79/2,47- 1	4		" "
6	110-77/2- 1	1		110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1		110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2		110-21/2,4-2000 1	2		" "
11	110-85/2,4- 1	1		110-85/2,4- 1	1		" "
20	5 .531.769 (-1973)	1		5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1		5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1		5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1		5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1		5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1		5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1		5 .531.771-06 (-2006)	1		" "
27	5 .531.769-07 (-1980)	1		5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1		5 .531.771-08 (-2008)	1		
35	5 .531.770-06 (-1997)	1		5 .531.772-06 (-2015)	1		
36	5 .531.770-07 (-1998)	1		5 .531.772-07 (-2016)	1		
37	5 .531.770-08 (-1999)	1		5 .531.772-08 (-2017)	1		
50	6 .018.000	15		6 .018.000	15		
52	6 .018.031	9		6 .018.031	9		
54	6 .020.916-01	9		6 .020.916-01	9		
55	6 .020.917	3		6 .020.917	3		
56	6 .018.003	3		6 .018.003	3		" "
57	6 .018.015-03	9		6 .018.015-03	9		
58	6 .018.017	3		6 .018.017	3		
60	6 .090.273	1		6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1		6 .304.001/6 .304.006	1		-2(/)(. . ")
70	5 .531.854-13 (-370)	12		5 .531.858-13 (-586)	12		(:)
70	5 .531.855-13 (-424)	12		5 .531.859-13 (-640)	12		(:)
82	-4,4	2		-4,4	2		
84	-8,4	2		-8,4	2		
85	-5	12		-5	12		
95	5 .531.791 (-2018)			5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)			5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)			5 .531.791-12 (-2029)			
9	. 0407-9177		19.04.2016	0 .412.086	4		139

		4		38		
		38-1 (1000)		38-2 (2000)		
			-		-	
1		1		1		(. .)
2	110-79/2,47- 1	2	110-79/2,47- 1	2		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
11	110-85/2,4- 1	1	110-85/2,4- 1	1		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		" "
35	5 .531.770-06 (-1997)	1	5 .531.772-06 (-2015)	1		
36	5 .531.770-07 (-1998)	1	5 .531.772-07 (-2016)	1		
37	5 .531.770-08 (-1999)	1	5 .531.772-08 (-2017)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	6	6 .018.031	6		
54	6 .020.916-01	9	6 .020.916-01	9		
55	6 .020.917	3	6 .020.917	3		" "
57	6 .018.015-03	6	6 .018.015-03	6		
58	6 .018.017	3	6 .018.017	3		
60	6 .090.273	1	6 .090.273	1		(. .)
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. .)
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12		(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12		(:)
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	. 0407-9177		19.04.2016	0 .412.086 4		140



.3: 39. 110 " , " .

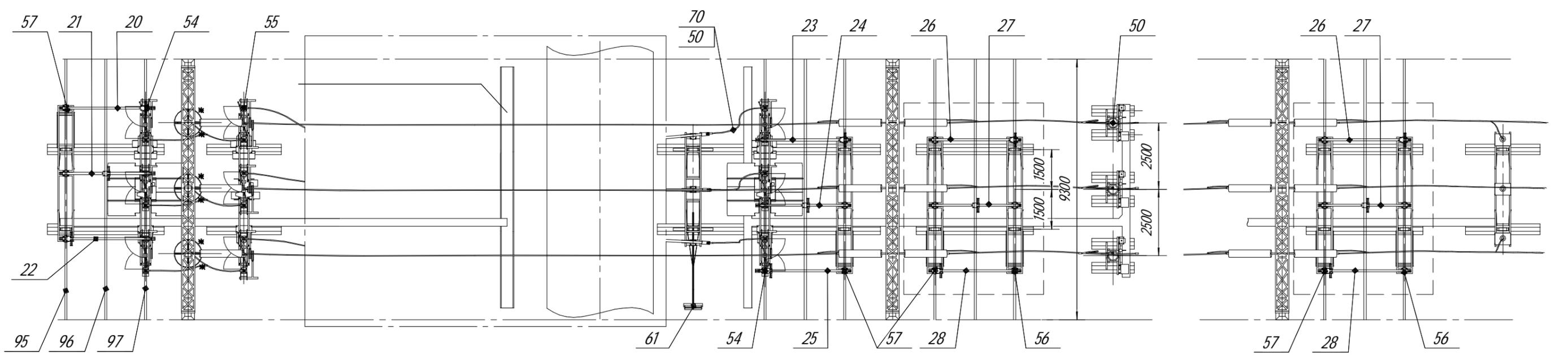
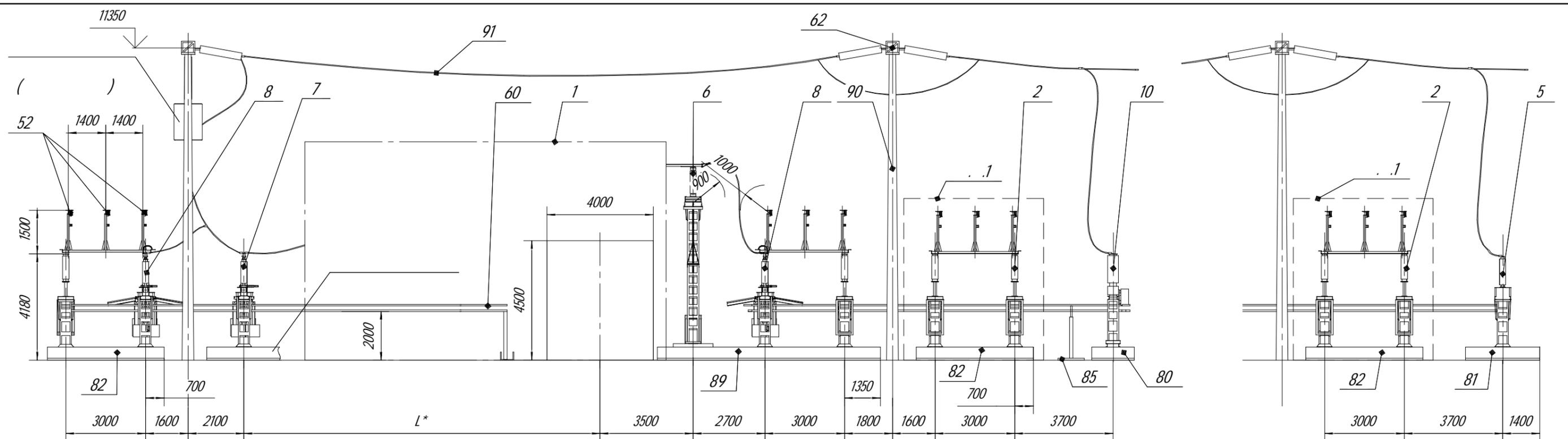
	I,	
39-1	1000	.1
39-2	2000	

- 1 * L
- 2 9300 -
- 3

- -110, - -110, SGF-123 - -110.

9	0407-9177	19.04.2016	0 412.086 4	141
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		.5		39			
		39-1 (1000)		39-2 (2000)			
			-		-		
1		1		1		(. . ")	
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "	
6	110-77/2- 1	1	110-77/2- 1	1		" "	
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "	
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "	
11	110-85/2,4- 1	1	110-85/2,4- 1	1		" "	
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1			
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1			
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1			
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1			
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1			
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		" "	
35	5 .531.770-06 (-1997)	1	5 .531.772-06 (-2015)	1			
36	5 .531.770-07 (-1998)	1	5 .531.772-07 (-2016)	1			
37	5 .531.770-08 (-1999)	1	5 .531.772-08 (-2017)	1			
50	6 .018.000	30	6 .018.000	30			
52	6 .018.031	6	6 .018.031	6			
54	6 .020.916-01	9	6 .020.916-01	9			
55	6 .020.917	3	6 .020.917	3		" "	
57	6 .018.015-03	6	6 .018.015-03	6		" "	
58	6 .018.017	3	6 .018.017	3		" "	
59	6 .018.016-04	3	6 .018.016-04	3		" "	
60	6 .090.273	1	6 .090.273	1		(. . ")	
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")	
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6			
72	5 .531.854-31 (-388)	6	5 .531.858-31 (-604)	6		(:)	
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6			
72	5 .531.855-31 (-442)	6	5 .531.859-31 (-658)	6		(:)	
82	-4,4	2	-4,4	2			
84	-8,4	4	-8,4	2			
85	-5	12	-5	12			
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "	
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			-	
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)				
9	. 0407-9177		19.04.2016				
				0 .412.086 4			
						142	



.4: 40- 41. 110

.5: 42- 43. 110

	I,		
40-1	1000	.4	.1
40-2	2000		
41-1	1000	.4	.1
41-2	2000		
42-1	1000	.4 + .5	.1
42-2	2000		
43-1	1000	.4 + .5	.1
43-2	2000		

1
2
3 * L
4 9300
- -110.
2)
- -110, - -110, SGF-123

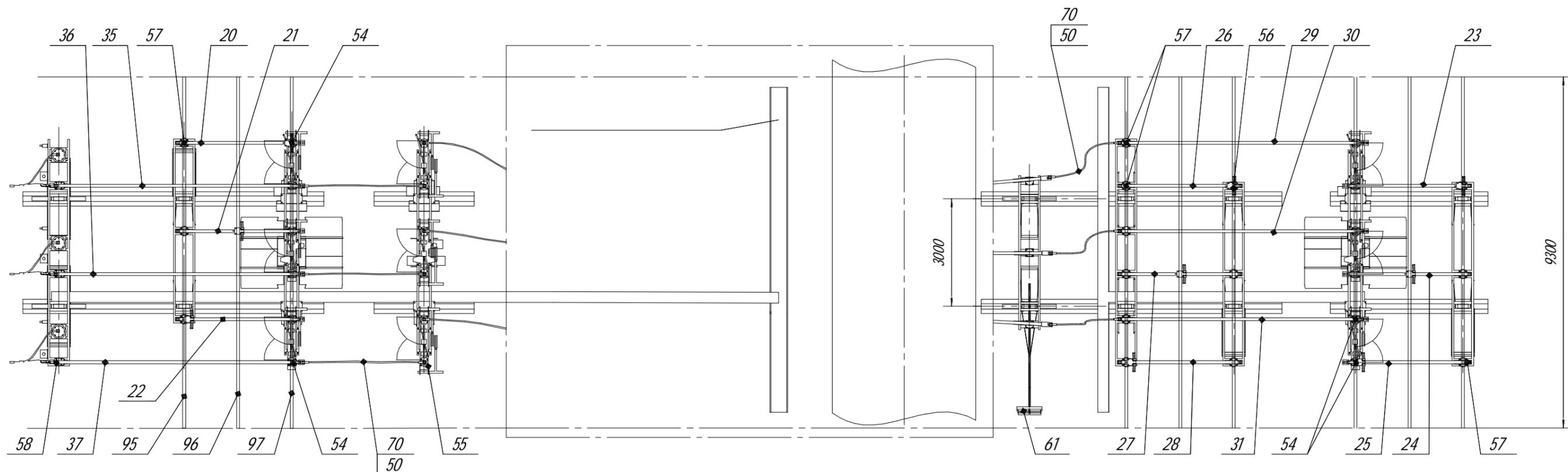
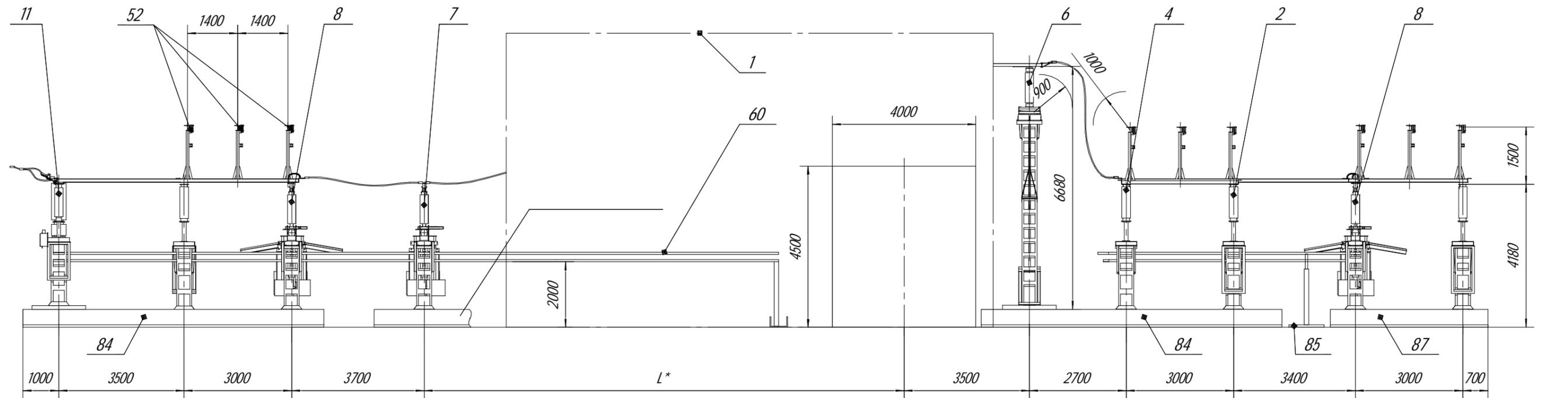
9	0407-9177	19.04.2016	0 412.086 4	143
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		.6		40		
		40-1 (1000)		40-2 (2000)		
			-		-	
1		1		1		(. . ")
2	110-79/2,47- 1	4	110-79/2,47- 1	4		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
10	110-90- - 1	3	110-90- - 1	3		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		" "
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	9	6 .018.031	9		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	3	6 .018.003	3		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2 (/)	(. . ")
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
80	-1,6	6	-1,6	6		
82	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	. 0407-9177		19.04.2016			
				0 .412.086	4	
						144

		.7		41		
		41-1 (1000)		41-2 (2000)		
		-	-			
1		1		1		(. . ")
2	110-79/2,47- 1	2	110-79/2,47- 1	2		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		" "
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	6	6 .018.031	6		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	3		" "
57	6 .018.015-03	6	6 .018.015-03	6		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2(/)(. . ")	
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12		(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12		(:)
82	-4,4	2	-4,4	2		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	. 0407-9177		19.04.2016		0 .412.086 4	145

		.8		42			
		42-1 (1000)		42-2 (2000)			
			-		-		
1		1		1			(. . ")
2	110-79/2,47- 1	4	110-79/2,47- 1	4			" "
5	110-63/2- 1	1	110-63/2- 1	1			" "
6	110-77/2- 1	1	110-77/2- 1	1			" "
7	110-19/2,4-1250 1	2	110-19/2,4-2000 1	2			" "
8	110-21/2,4-1250 1	1	110-21/2,4-2000 1	1			" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1			
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1			
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1			
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1			
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1			
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1			" "
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1			
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1			
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1			
50	6 .018.000	15	6 .018.000	15			
52	6 .018.031	9	6 .018.031	8			
54	6 .020.916-01	6	6 .020.916-01	6			
55	6 .020.917	3	6 .020.917	3			" "
56	6 .018.003	3	6 .018.003	3			
57	6 .018.015-03	9	6 .018.015-03	9			
60	6 .090.273	1	6 .090.273	1			(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1			-2 (/) (. . ")
62	6 .010.050	-2	6 .010.050	-2			" "
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12			(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12			(:)
81	-2,8	2	-2,8	2			
82	-4,4	4	-4,4	4			
84	-8,4	2	-8,4	2			
85	-5	12	-5	12			
90	-3	4	-3	4			
91		1		1			
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)				" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)				
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)				
9	. 0407-9177		19.04.2016				
				0 .412.086 4			
						146	

		.9		43			
		43-1 (1000)		43-2 (2000)			
			-		-		
1		1		1			(. . ")
2	110-79/2,47- 1	2	110-79/2,47- 1	2			" "
6	110-77/2- 1	1	110-77/2- 1	1			" "
7	110-19/2,4-1250 1	2	110-19/2,4-2000 1	2			" "
8	110-21/2,4-1250 1	1	110-21/2,4-2000 1	1			" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1			
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1			
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1			
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1			" "
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1			" "
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1			" "
50	6 .018.000	15	6 .018.000	15			
52	6 .018.031	6	6 .018.031	6			
54	6 .020.916-01	6	6 .020.916-01	6			" "
55	6 .020.917	3	6 .020.917	3			" "
57	6 .018.015-03	6	6 .018.015-03	6			" "
60	6 .090.273	1	6 .090.273	1			(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1			-2 (/) (. . ")
62	6 .010.050	-2	6 .010.050	-2			" "
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12			(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12			(:)
82	-4,4	4	-4,4	4			
84	-8,4	2	-8,4	2			
85	-5	12	-5	12			
90	-3	4	-3	4			
91		1		1			
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)				" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)				-
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)				
9	. 0407-9177		19.04.2016		0 .412.086	4	147



.5: 44. 110 " , "

- 1 * L
- 2 9300 -
- 3

	I,	
44-1	1000	
44-2	2000	

- -110, - -110, SGF-123 - -110.

9	0407-9177	19.04.2016
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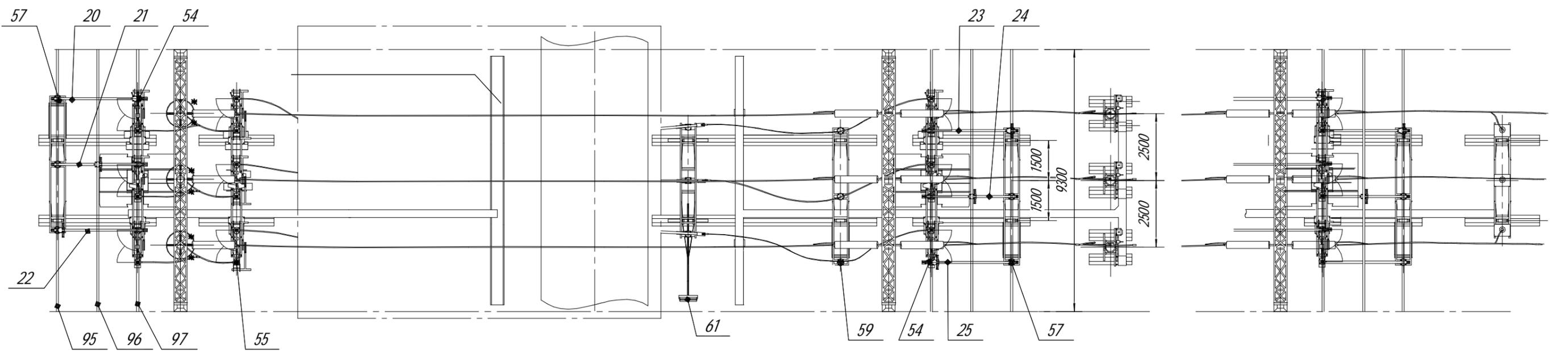
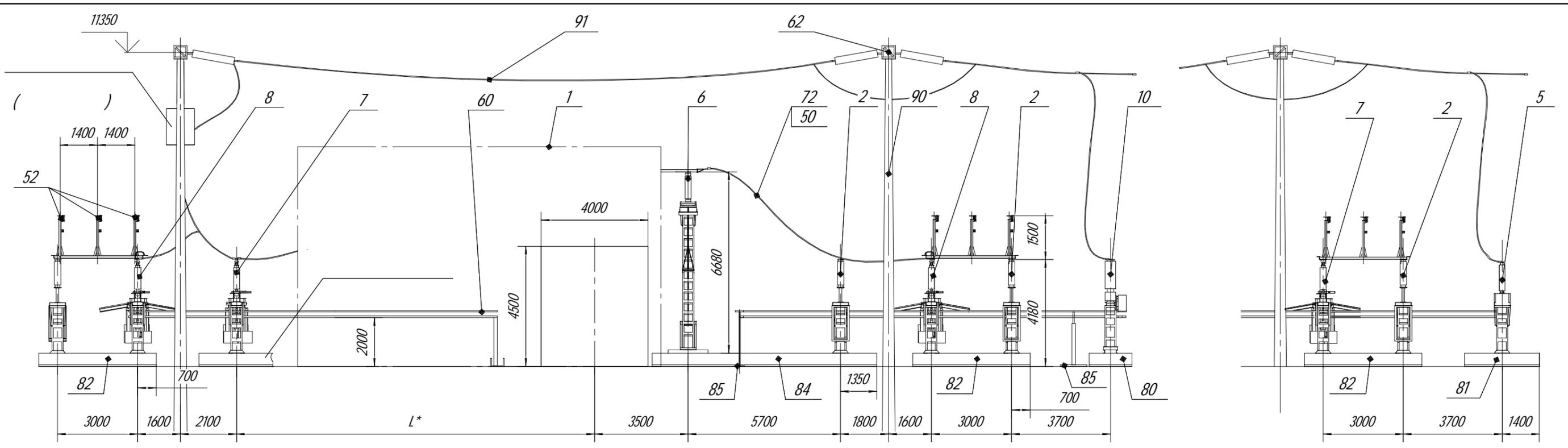
0 412.086 4

		.10		44		
		44-1 (1000)		44-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
4	110-81/1,2- 1	1	110-81/1,2- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
11	110-85/2,4- 1	1	110-85/2,4- 1	1		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1		" "
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1		
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1		
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1		
35	5 .531.770-06 (-1997)	1	5 .531.772-06 (-2015)	1		
36	5 .531.770-07 (-1998)	1	5 .531.772-07 (-2016)	1		
37	5 .531.770-08 (-1999)	1	5 .531.772-08 (-2017)	1		
50	6 .018.000	30	6 .018.000	30		
52	6 .018.031	9	6 .018.031	9		
54	6 .020.916-01	12	6 .020.916-01	12		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	3	6 .018.003	3		
57	6 .018.015-03	12	6 .018.015-03	12		
58	6 .018.017	3	6 .018.017	3		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")
70	5 .531.854-13 (-370)	12	5 .531.858-13 (-586)	12		(:)
70	5 .531.855-13 (-424)	12	5 .531.859-13 (-640)	12		(:)
82	-4,4	2	-4,4	2		
84	-8,4	4	-8,4	4		
85	-5	12	-5	12		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			
9	.0407-9177		19.04.2016			
				0 .412.086	4	
						149

		.11		45			
		45-1 (1000)		45-2 (2000)			
		-		-			
1		1		1		(. . ")	
2	110-79/2,47- 1	3		110-79/2,47- 1	3	" "	
4	110-81/1,2- 1	1		110-81/1,2-2000 1	1	" "	
6	110-77/2- 1	1		110-77/2- 1	1	" "	
7	110-19/2,4-1250 1	1		110-19/2,4-2000 1	1	" "	
8	110-21/2,4-1250 1	2		110-21/2,4-2000 1	2	" "	
10	110-90- - 1	3		110-90- - 1	3	" "	
20	5 .531.769 (-1973)	1		5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1		5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1		5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1		5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1		5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1		5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1		5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1		5 .531.771-07 (-2007)	1	" "	
28	5 .531.769-08 (-1981)	1		5 .531.771-08 (-2008)	1		
29	5 .531.770 (-1991)	1		5 .531.772 (-2009)	1		
30	5 .531.770-01 (-1992)	1		5 .531.772-01 (-2010)	1		
31	5 .531.770-02 (-1993)	1		5 .531.772-02 (-2011)	1		
50	6 .018.000	15		6 .018.000	15		
52	6 .018.031	9		6 .018.031	9		
54	6 .020.916-01	9		6 .020.916-01	9		
55	6 .020.917	3		6 .020.917	3	" "	
56	6 .018.003	3		6 .018.003	3		
57	6 .018.015-03	12		6 .018.015-03	12		
60	6 .090.273	1		6 .090.273	1	(. . ")	
61	6 .304.001/6 .304.006	1		6 .304.001/6 .304.006	1	-2(/)(. . ")	
62	6 .010.050	-2		6 .010.050	-2	" "	
70	5 .531.854-13 (-370)	6		5 .531.858-13 (-586)	6	(:)	
70	5 .531.855-13 (-424)	6		5 .531.859-13 (-640)	6	(:)	
80	-1,6	6		-1,6	6		
82	-4,4	4		-4,4	4		
84	-8,4	2		-8,4	2		
85	-5	12		-5	12		
90	-3	4		-3	4		
91		1			1		
95	5 .531.791 (-2018)			5 .531.791-10 (-2027)		" "	
96	5 .531.791-01 (-2019)			5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)			5 .531.791-12 (-2029)			

9	0407-9177	19.04.2016	0 .412.086 4	151
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		.12		46			
		46-1 (1000)		46-2 (2000)			
			-		-		
1		1		1		(. . ")	
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "	
4	110-81/1,2- 1	1	110-81/1,2-2000 1	1		" "	
5	110-63/2- 1	1	110-63/2- 1	1		" "	
6	110-77/2- 1	1	110-77/2- 1	1		" "	
7	110-19/2,4-1250 1	2	110-19/2,4-2000 1	2		" "	
8	110-21/2,4-1250 1	1	110-21/2,4-2000 1	1		" "	
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1			
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1			
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1			
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1			
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1			
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1			
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1			
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		" "	
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1			
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1			
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1			
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1			
50	6 .018.000	15	6 .018.000	15			
52	6 .018.031	9	6 .018.031	9			
54	6 .020.916-01	9	6 .020.916-01	9			
55	6 .020.917	3	6 .020.917	3		" "	
56	6 .018.003	3	6 .018.003	3			
57	6 .018.015-03	12	6 .018.015-03	12			
60	6 .090.273	1	6 .090.273	1		(. . ")	
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2 (/) (. . ")	
62	6 .010.050	-2	6 .010.050	-2		" "	
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)	
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)	
81	-2,8	2	-2,8	2			
82	-4,4	4	-4,4	4			
84	-8,4	2	-8,4	2			
85	-5	12	-5	12			
90	-3	4	-3	4			
91		1		1			
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "	
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)				
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)				
9	0407-9177		19.04.2016		0 .412.086 4		152



.9: 47. 110 "

.10: 48. 110
(.9)

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47-1	1000	.9
47-2	2000	.9
48-1	1000	.10
48-2	2000	.10

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		.13		47			
		47-1 (1000)		47-2 (2000)			
			-		-		
1		1		1		(. . ")	
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "	
6	110-77/2- 1	1	110-77/2- 1	1		" "	
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "	
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "	
10	110-90- - 1	3	110-90- - 1	3		" "	
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1			
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1			
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1			
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		" "	
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1			
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1			
50	6 .018.000	15	6 .018.000	15			
52	6 .018.031	6	6 .018.031	6			
54	6 .020.916-01	6	6 .020.916-01	6			
55	6 .020.917	3	6 .020.917	3		" "	
57	6 .018.015-03	6	6 .018.015-03	6			
59	6 .018.016-04	3	6 .018.016-04	3			
60	6 .090.273	1	6 .090.273	1		(. . ")	
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2 (/) (. . ")	
62	6 .010.050	-2	6 .010.050	-2		" "	
72	5 .531.854-31 (-388)	6	5 .531.858-31 (-604)	6		(:)	
72	5 .531.855-31 (-442)	6	5 .531.859-31 (-658)	6		(:)	
82	-4,4	4	-4,4	4			
84	-8,4	2	-8,4	2			
85	-5	12	-5	12			
90	-3	4	-3	4			
91		1		1			
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "	
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)				
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)				

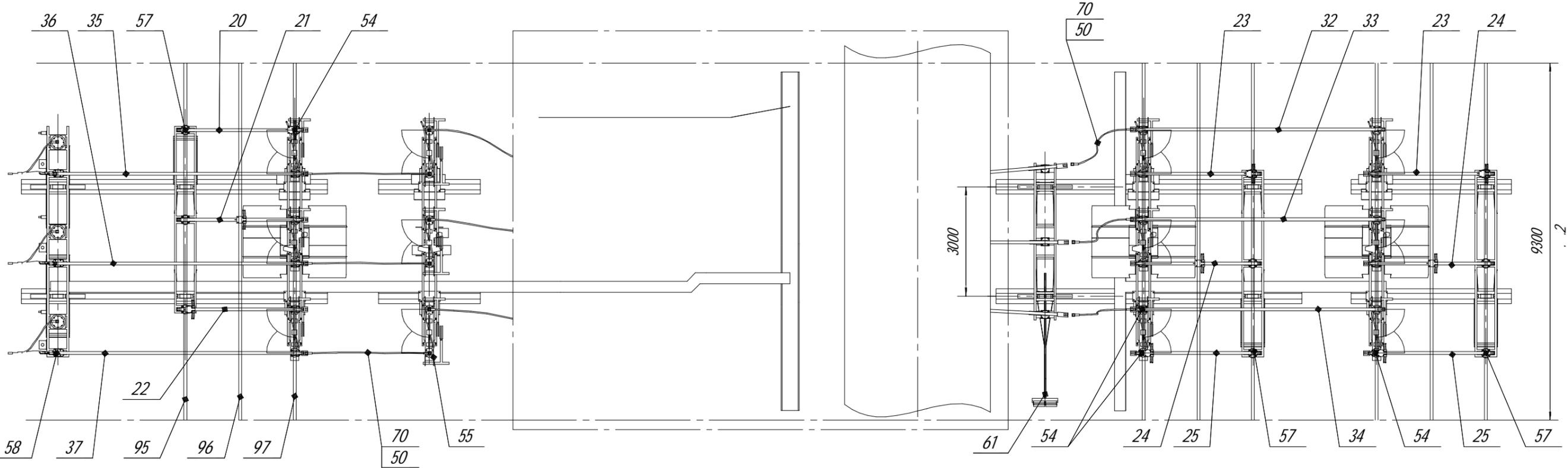
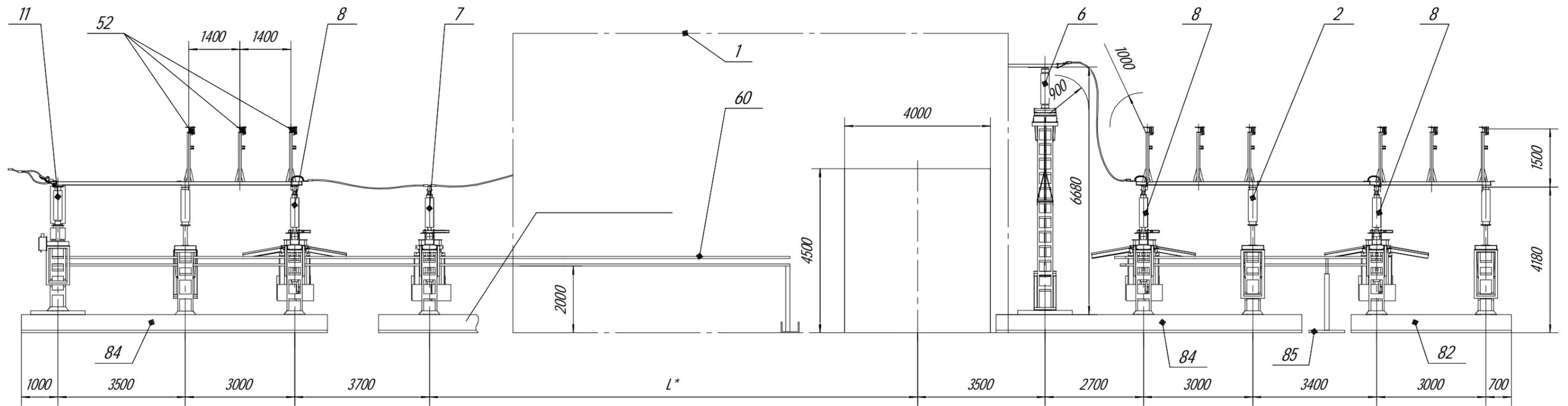
9	. 0407-9177	19.04.2016
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0 .412.086 4

		.14		48		
		48-1 (1000)		48-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
5	110-63/2- 1	1	110-63/2- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	2	110-19/2,4-2000 1	2		" "
8	110-21/2,4-1250 1	1	110-21/2,4-2000 1	1		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		" "
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	6	6 .018.031	6		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	3		" "
57	6 .018.015-03	6	6 .018.015-03	6		
59	6 .018.016-04	3	6 .018.016-04	3		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2 (/) (. . ")
62	6 .010.050	-2	6 .010.050	-2		" "
72	5 .531.854-31 (-388)	6	5 .531.858-31 (-604)	6		(:)
72	5 .531.855-31 (-442)	6	5 .531.859-31 (-658)	6		(:)
81	-2,8	2	-2,8	2		
82	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

9	. 0407-9177	19.04.2016
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.11: 49. 110 " "

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49-1	1000	
49-2	2000	

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		.15		49			
		49-1 (1000)		49-2 (2000)			
		-		-			
1		1		1		(. . ")	
2	110-79/2,47- 1	3		110-79/2,47- 1	3	" "	
6	110-77/2- 1	1		110-77/2- 1	1	" "	
7	110-19/2,4-1250 1	1		110-19/2,4-2000 1	1	" "	
8	110-21/2,4-1250 1	3		110-21/2,4-2000 1	3	" "	
11	110-85/2,4-1250 1	1		110-85/2,4-2000 1	1	" "	
20	5 .531.769 (-1973)	1		5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1		5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1		5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	2		5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2		5 .531.771-04 (-2004)	2		
25	5 .531.769-05 (-1978)	2		5 .531.771-05 (-2005)	2		
32	5 .531.770-03 (-1994)	1		5 .531.772-03 (-2012)	1	" "	
33	5 .531.770-04 (-1995)	1		5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1		5 .531.772-05 (-2014)	1		
35	5 .531.770-06 (-1997)	1		5 .531.772-06 (-2015)	1		
36	5 .531.770-07 (-1998)	1		5 .531.772-07 (-2016)	1		
37	5 .531.770-08 (-1999)	1		5 .531.772-08 (-2017)	1		
50	6 .018.000	30		6 .018.000	30		
52	6 .018.031	9		6 .018.031	9		
53	6 .020.916	3		6 .020.916	3		
54	6 .020.916-01	15		6 .020.916-01	15	" "	
53	6 .020.917	3		6 .020.917	3	" "	
57	6 .018.015-03	9		6 .018.015-03	9		
58	6 .018.017	3		6 .018.017	3		
60	6 .090.273	1		6 .090.273	1	(. . ")	
61	6 .304.001/6 .304.006	1		6 .304.001/6 .304.006	1	-2 (/) (. . ")	
70	5 .531.854-13 (-370)	12		5 .531.858-13 (-586)	12	(:)	
70	5 .531.855-13 (-424)	12		5 .531.859-13 (-640)	12	(:)	
82	-4,4	2		-4,4	2		
84	-8,4	4		-8,4	4		
85	-5	12		-5	12		
95	5 .531.791 (-2018)			5 .531.791-10 (-2027)		-	
96	5 .531.791-01 (-2019)			5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)			5 .531.791-12 (-2029)			

9	. 0407-9177	19.04.2016
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		.16		50		
		50-1 (1000)		50-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	3	110-21/2,4-2000 1	3		" "
10	110-90- - 1	3	110-90- - 1	3		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	2	5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2	5 .531.771-04 (-2004)	2		
25	5 .531.769-05 (-1978)	2	5 .531.771-05 (-2005)	2		" "
32	5 .531.770-03 (-1994)	1	5 .531.772-03 (-2012)	1		
33	5 .531.770-04 (-1995)	1	5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1	5 .531.772-05 (-2014)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	9	6 .018.031	9		
53	6 .020.916	3	6 .020.916	3		
54	6 .020.916-01	12	6 .020.916-01	12		" "
55	6 .020.917	3	6 .020.917	3		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
82	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

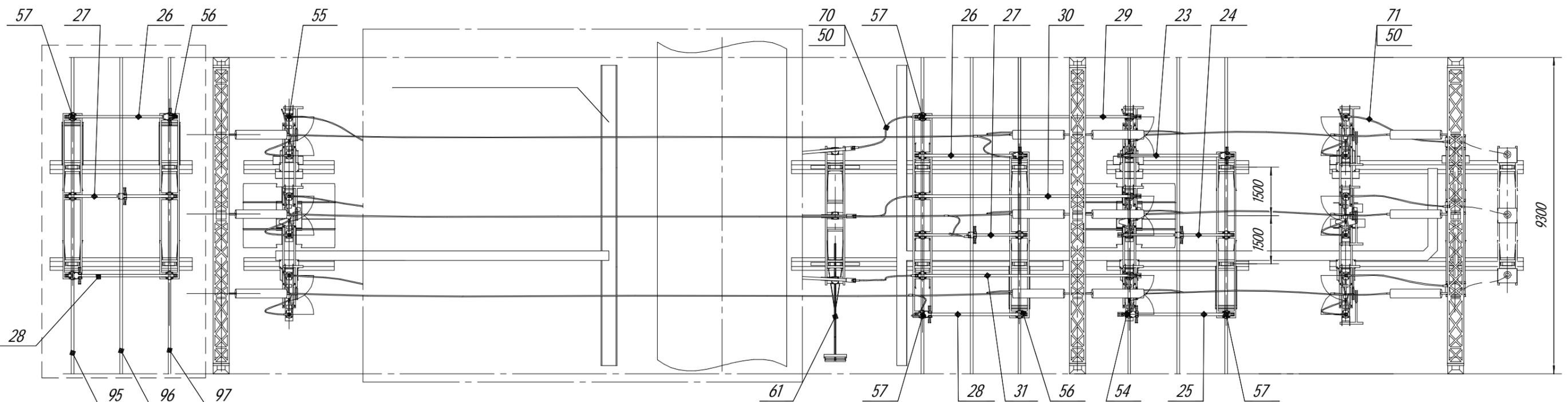
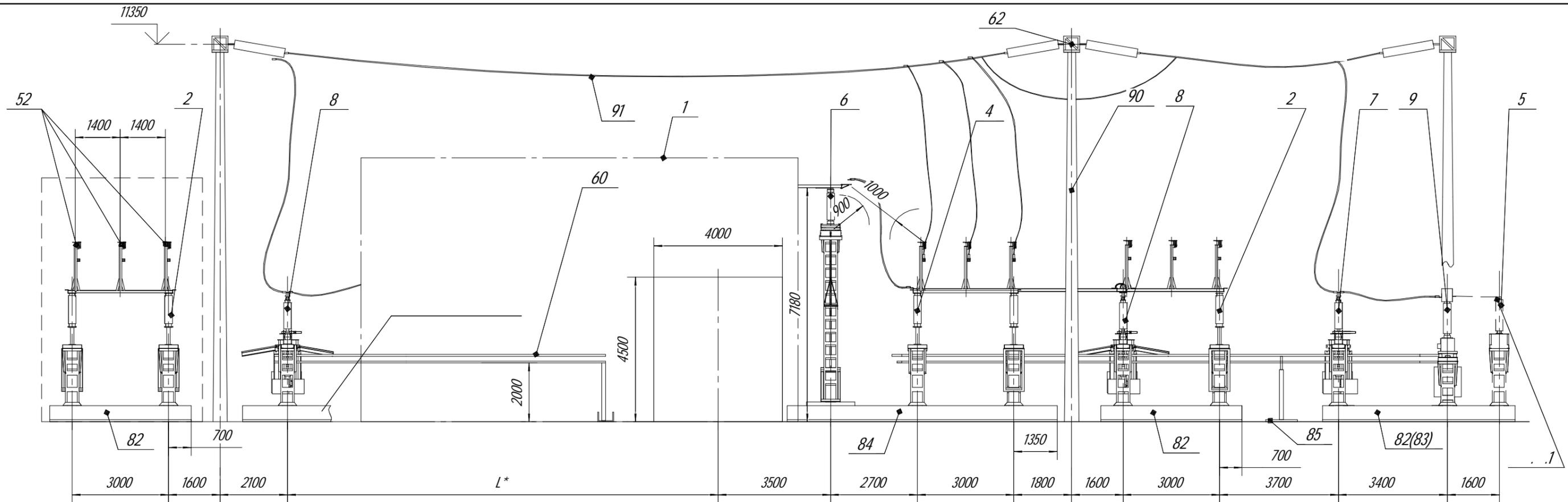
9 . 0407-9177 19.04.2016

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		.17		51		
		51-1 (1000)		51-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
5	110-63/2- 1	1	110-63/2- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	3	110-21/2,4-2000 1	3		" "
20	5 .531.769 (-1973)	1	5 .531.771 (-2000)	1		
21	5 .531.769-01 (-1974)	1	5 .531.771-01 (-2001)	1		
22	5 .531.769-02 (-1975)	1	5 .531.771-02 (-2002)	1		
23	5 .531.769-03 (-1976)	2	5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2	5 .531.771-04 (-2004)	2		
25	5 .531.769-05 (-1978)	2	5 .531.771-05 (-2005)	2		" "
32	5 .531.770-03 (-1994)	1	5 .531.772-03 (-2012)	1		
33	5 .531.770-04 (-1995)	1	5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1	5 .531.772-05 (-2014)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	9	6 .018.031	9		
53	6 .020.916	3	6 .020.916	3		
54	6 .020.916-01	12	6 .020.916-01	12		" "
55	6 .020.917	3	6 .020.917	3		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
81	-2,8	2	-2,8	2		
82	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

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.14: 52-53. 110

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	I,	
52-1	1000	.14
52-2	2000	
53-1	1000	
53-2	2000	

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2
3 * L
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5
-6.0 (.88)
-4.4 (.87)
53-1 53-2

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52

		52-1 (1000)		52-2 (2000)		
			-		-	
1		1		1		(. . ")
2	110-79/2,47- 1	2	110-79/2,47- 1	2		" "
4	110-81/1,2-1000 1	1	110-81/1,2-2000 1	1		" "
5	110-63/2- 1	1*	110-63/2- 1	1*		" " *
6	110-77/2- 1	1	110-77/2- 1	1		" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
9	110-74/1,7- 1	1	110-74/1,7- 1	1		" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1		" "
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1		
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1		
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1		
50	6 .018.000	20	6 .018.000	20		
52	6 .018.031	6	6 .018.031	6		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	9		" "
56	6 .018.003	3	6 .018.003	3		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2 (/) (. . ")
62	6 .010.050	-3	6 .010.050	-3		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		
71	5 .531.852-13 (-262)	3	5 .531.852-13 (-262)	3		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		
71	5 .531.853-13 (-262)	3	5 .531.853-13 (-262)	3		(:)
82	-4,4	2/4	-4,4	2/4		
83	-6,0	2/0	-6,0	2/0		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	6	-3	6		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

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53

53-1 (1000)

53-2 (2000)

		-		-	
1		1		1	(. . ")
2	110-79/2,47- 1	4	110-79/2,47- 1	4	" "
4	110-81/1,2-1000 1	1	110-81/1,2-2000 1	1	" "
5	110-63/2- 1	1*	110-63/2- 1	1*	" " *
6	110-77/2- 1	1	110-77/2- 1	1	" "
7	110-19/2,4-1250 1	1	110-19/2,4-2000 1	1	" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2	" "
9	110-74/1,7- 1	1	110-74/1,7- 1	1	" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1	
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1	
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1	
26	5 .531.769-06 (-1979)	2	5 .531.771-06 (-2006)	2	
27	5 .531.769-07 (-1980)	2	5 .531.771-07 (-2007)	2	
28	5 .531.769-08 (-1981)	2	5 .531.771-08 (-2008)	2	" "
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1	
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1	
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1	
50	6 .018.000	20	6 .018.000	20	
52	6 .018.031	9	6 .018.031	9	
54	6 .020.916-01	6	6 .020.916-01	6	
55	6 .020.917	3	6 .020.917	9	" "
56	6 .018.003	6	6 .018.003	6	
57	6 .018.015-03	12	6 .018.015-03	12	
60	6 .090.273	1	6 .090.273	1	(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2 (/) (. . ")
62	6 .010.050	-3	6 .010.050	-3	" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6	
71	5 .531.852-13 (-262)	3	5 .531.852-13 (-262)	3	(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6	
71	5 .531.853-13 (-262)	3	5 .531.853-13 (-262)	3	(:)
82	-4,4	2/6	-4,4	2/6	
83	-6,0	2/0	-6,0	2/0	
84	-8,4	2	-8,4	2	
85	-5	12	-5	12	
90	-3	6	-3	6	
91		1		1	
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)		" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)		
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)		

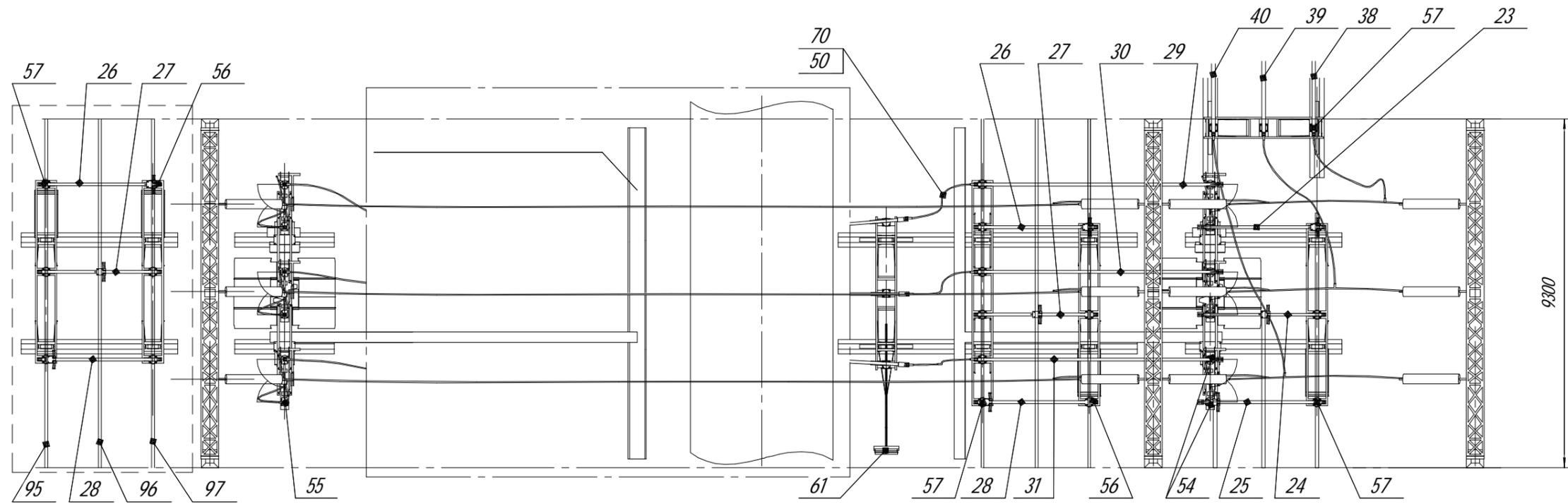
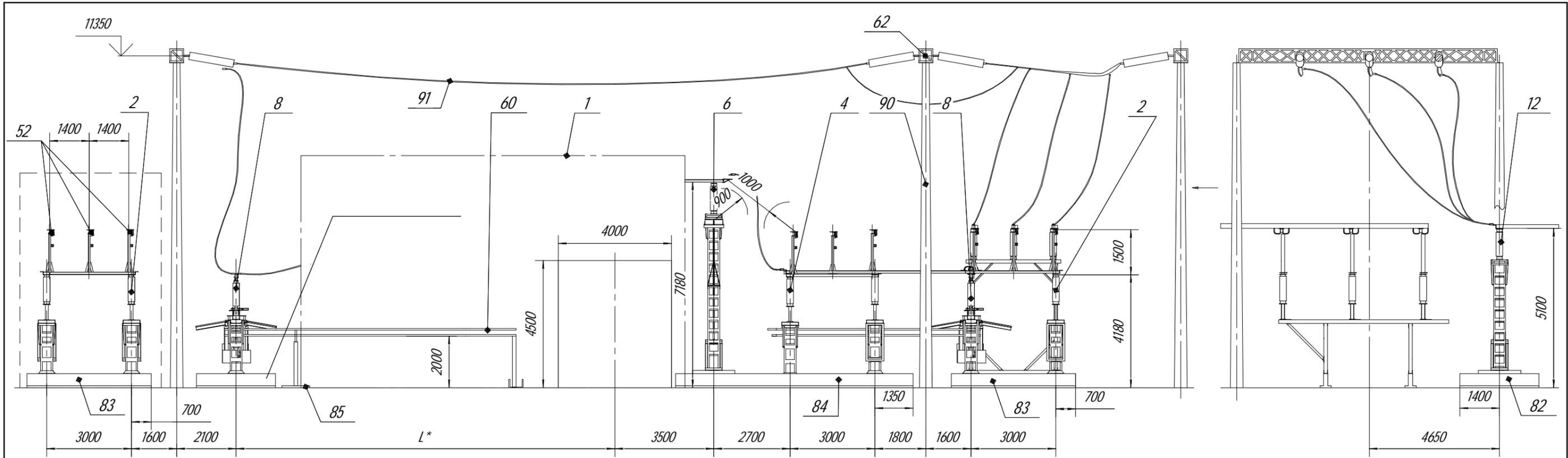
9

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163



.15: 54-55. 110 110-14. 1 55-1, 55-2.

2 * L
3 9300

.11		.15
	I,	
54-1	1000	
54-2	2000	
55-1	1000	
55-2	2000	

- -110, SGF-123 - -110.

9	0407-9177	19.04.2016	0 412.086 4	164
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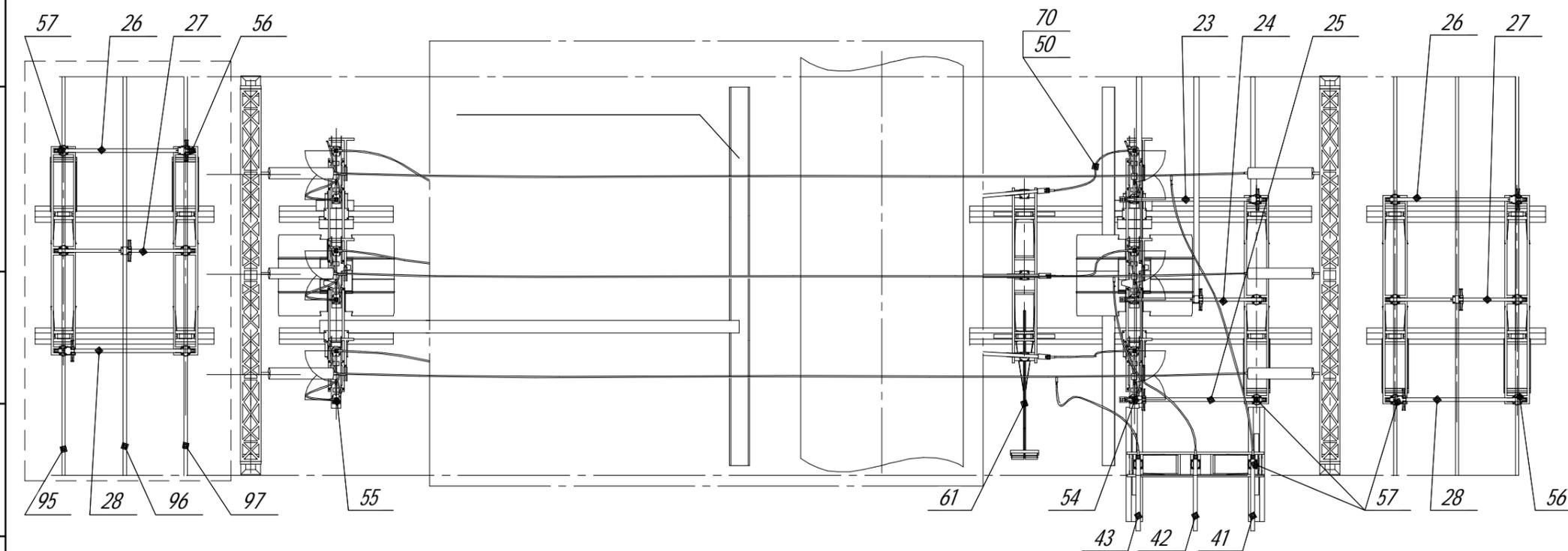
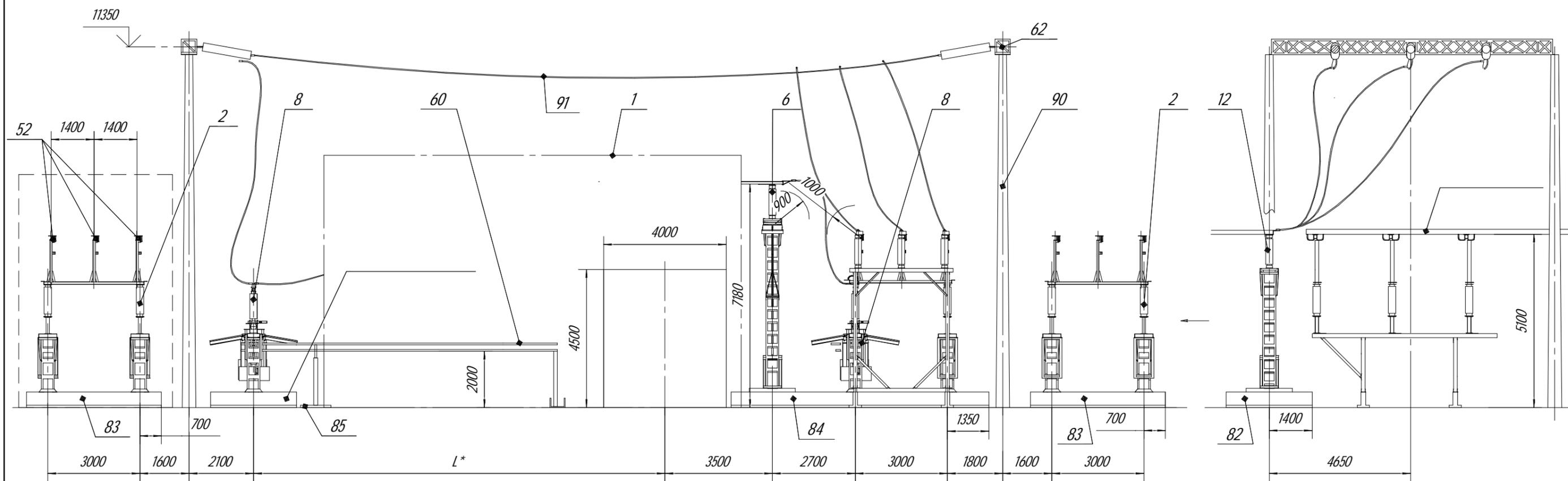
		.20		54		
		54-1 (1000)		54-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	2	110-79/2,47- 1	2		" "
4	110-81/1,2- 1	1	110-81/1,2- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
12	110-77/1,4- 1	1	110-77/1,4- 1	1		" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1		
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1		" "
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1		
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1		
38	5 .531.791-03 (-2021)	1	5 .531.791-13 (-2030)	1		
39	5 .531.791-04 (-2022)	1	5 .531.791-14 (-2031)	1		
40	5 .531.791-05 (-2023)	1	5 .531.791-15 (-2032)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	9	6 .018.031	6		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	3	6 .018.003	3		
57	6 .018.015-03	12	6 .018.015-03	12		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1		-2(/)(. . ")
62	6 .010.050	-3	6 .010.050	-3		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
82	-2,8	2	-2,8	2		
83	-4,4	2	-4,4	2		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	6	-3	6		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

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		21		55		
		55-1 (1000)		55-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	4	110-79/2,47- 1	4		" "
4	110-81/1,2- 1	1	110-81/1,2- 1	1		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
12	110-77/1,4- 1	1	110-77/1,4- 1	1		" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	2	5 .531.771-06 (-2006)	2		
27	5 .531.769-07 (-1980)	2	5 .531.771-07 (-2007)	2		
28	5 .531.769-08 (-1981)	2	5 .531.771-08 (-2008)	2		
29	5 .531.770 (-1991)	1	5 .531.772 (-2009)	1		" "
30	5 .531.770-01 (-1992)	1	5 .531.772-01 (-2010)	1		
31	5 .531.770-02 (-1993)	1	5 .531.772-02 (-2011)	1		
38	5 .531.791-03 (-2021)	1	5 .531.791-13 (-2030)	1		
39	5 .531.791-04 (-2022)	1	5 .531.791-14 (-2031)	1		
40	5 .531.791-05 (-2023)	1	5 .531.791-15 (-2032)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	12	6 .018.031	12		
54	6 .020.916-01	6	6 .020.916-01	6		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	6	6 .018.003	6		
57	6 .018.015-03	15	6 .018.015-03	15		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2(/)(. . ")	
62	6 .010.050	-3	6 .010.050	-3		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
82	-2,8	2	-2,8	2		
83	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	6	-3	6		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

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.16: 56-57. 110 110-14.

.12	
	I,
56-1	1000
56-2	2000
57-1	1000
57-2	2000

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- 3 9300
- 4

57-1, 57-2.

- 110, - 110, SGF-123 - 110.

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		.22		56		
		56-1 (1000)		56-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	3	110-79/2,47- 1	3		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
12	110-77/1,4- 1	1	110-77/1,4- 1	1		" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	1	5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1	5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1	5 .531.771-08 (-2008)	1		" "
41	5 .531.791-06 (-2024)	1	5 .531.791-16 (-2033)	1		
42	5 .531.791-07 (-2025)	1	5 .531.791-17 (-2034)	1		
43	5 .531.791-08 (-2026)	1	5 .531.791-18 (-2035)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	9	6 .018.031	9		
54	6 .020.916-01	3	6 .020.916-01	3		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	3	6 .018.003	3		
57	6 .018.015-03	9	6 .018.015-03	9		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2(/)(. . ")	
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
82	-2,8	2	-2,8	2		
83	-4,4	2	-4,4	2		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

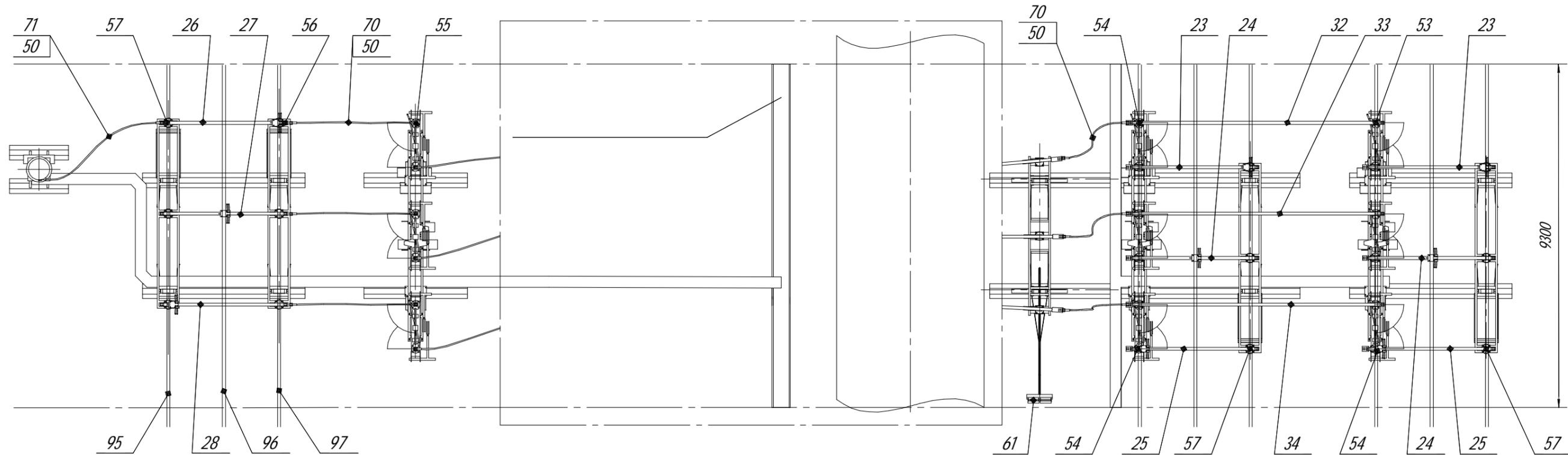
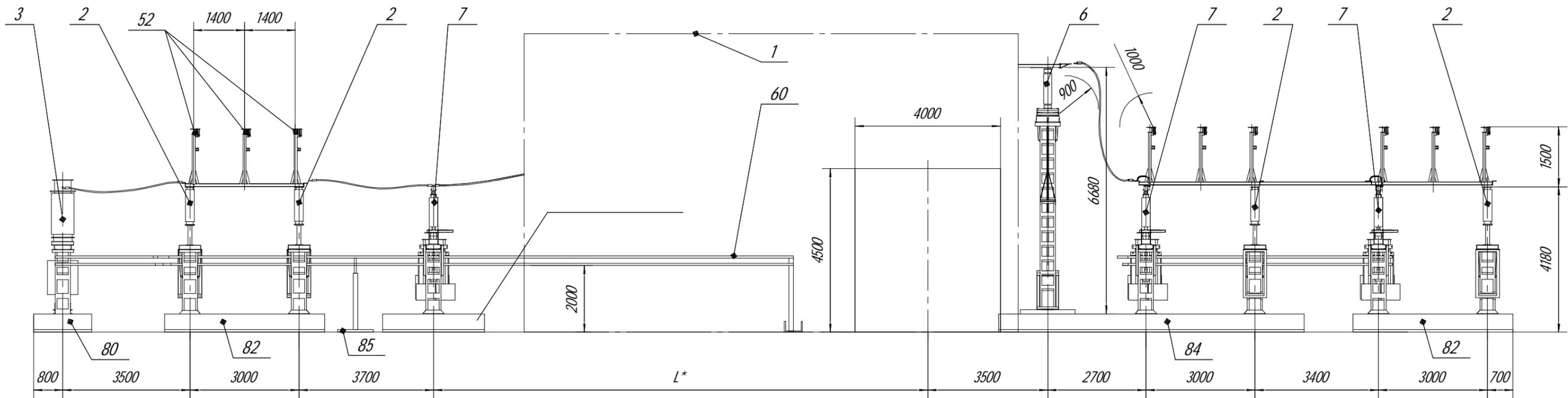
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		23		57		
		57-1 (1000)		57-2 (2000)		
		-		-		
1		1		1		(. . ")
2	110-79/2,47- 1	5	110-79/2,47- 1	5		" "
6	110-77/2- 1	1	110-77/2- 1	1		" "
8	110-21/2,4-1250 1	2	110-21/2,4-2000 1	2		" "
12	110-77/1,4- 1	1	110-77/1,4- 1	1		" "
23	5 .531.769-03 (-1976)	1	5 .531.771-03 (-2003)	1		
24	5 .531.769-04 (-1977)	1	5 .531.771-04 (-2004)	1		
25	5 .531.769-05 (-1978)	1	5 .531.771-05 (-2005)	1		
26	5 .531.769-06 (-1979)	2	5 .531.771-06 (-2006)	2		
27	5 .531.769-07 (-1980)	2	5 .531.771-07 (-2007)	2		
28	5 .531.769-08 (-1981)	2	5 .531.771-08 (-2008)	2		" "
41	5 .531.791-06 (-2024)	1	5 .531.791-16 (-2033)	1		
42	5 .531.791-07 (-2025)	1	5 .531.791-17 (-2034)	1		
43	5 .531.791-08 (-2026)	1	5 .531.791-18 (-2035)	1		
50	6 .018.000	15	6 .018.000	15		
52	6 .018.031	12	6 .018.031	12		
54	6 .020.916-01	3	6 .020.916-01	3		
55	6 .020.917	3	6 .020.917	3		" "
56	6 .018.003	6	6 .018.003	6		
57	6 .018.015-03	12	6 .018.015-03	12		
60	6 .090.273	1	6 .090.273	1		(. . ")
61	6 .304.001/6 .304.006	1	6 .304.001/6 .304.006	1	-2(/)(. . ")	
62	6 .010.050	-2	6 .010.050	-2		" "
70	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6		(:)
70	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6		(:)
82	-2,8	2	-2,8	2		
83	-4,4	4	-4,4	4		
84	-8,4	2	-8,4	2		
85	-5	12	-5	12		
90	-3	4	-3	4		
91		1		1		
95	5 .531.791 (-2018)		5 .531.791-10 (-2027)			" "
96	5 .531.791-01 (-2019)		5 .531.791-11 (-2028)			
97	5 .531.791-02 (-2020)		5 .531.791-12 (-2029)			

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.16: 58. 110

1 * L
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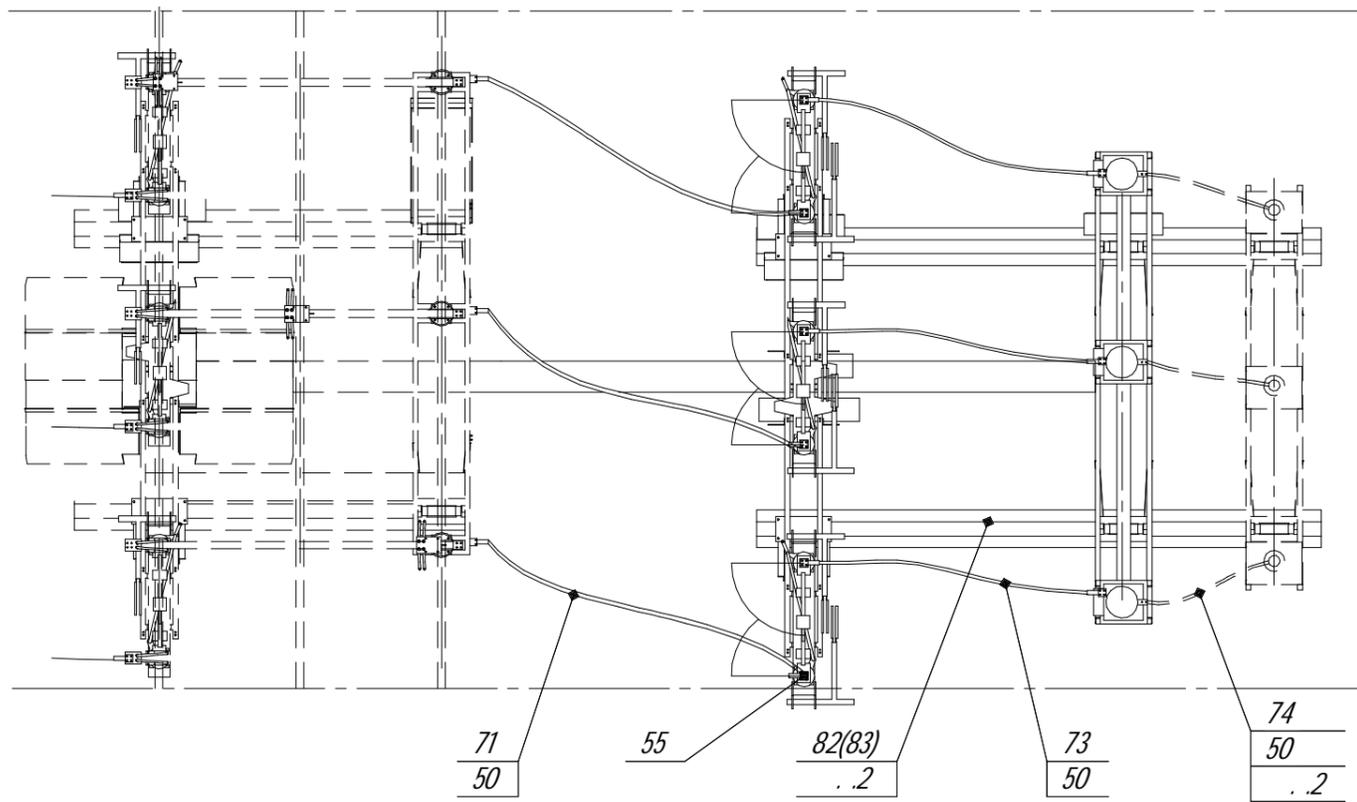
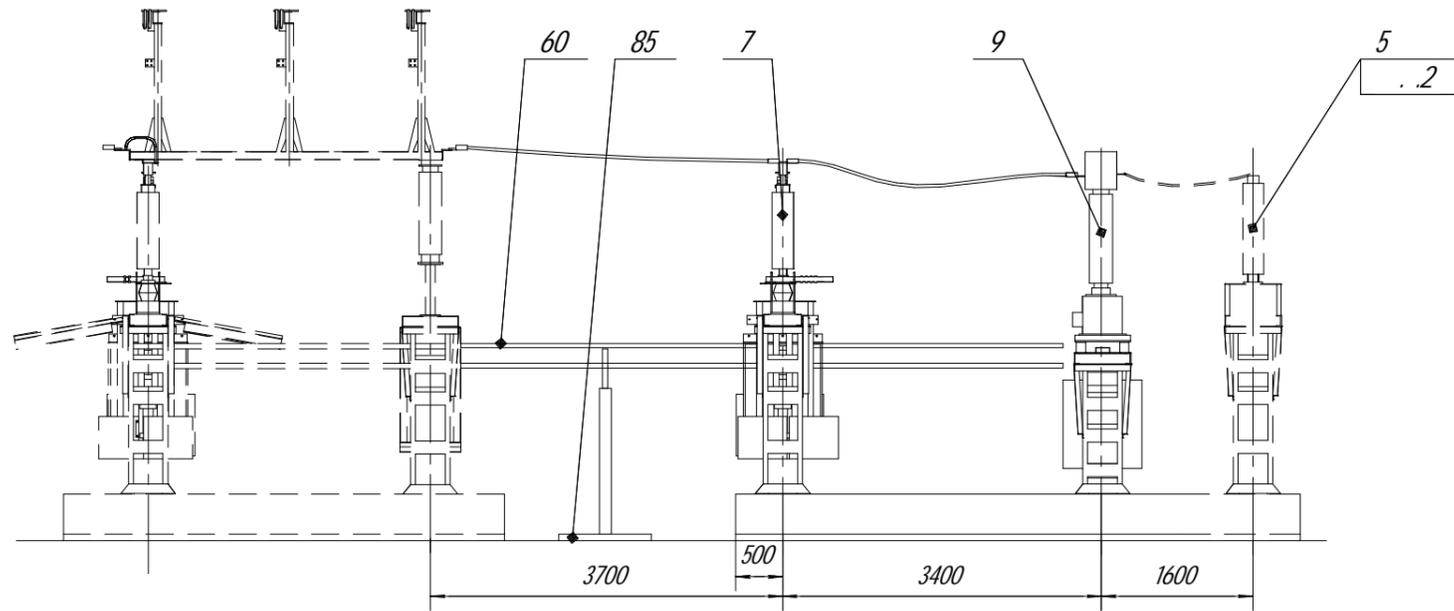
- -110.

.13

	I,	
58-1	1000	
58-2	2000	

9	0407-9177	19.04.2016	0 412.086 4	170
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		.24		58			
		58-1 (1000)		58-2 (2000)			
			-		-		
1		1		1		(. : ")	
2	110-79/2,47- 1	4		110-79/2,47- 1	4	" "	
3	110-73- 1	1*		110-73- 1	1*	" "	
6	110-77/2- 1	1		110-77/2- 1	1	" "	
7	110-19/2,4-1250 1	3		110-19/2,4-2000 1	3	" "	
23	5 .531.769-03 (-1976)	2		5 .531.771-03 (-2003)	2		
24	5 .531.769-04 (-1977)	2		5 .531.771-04 (-2004)	2		
25	5 .531.769-05 (-1978)	2		5 .531.771-05 (-2005)	2		
26	5 .531.769-06 (-1979)	1		5 .531.771-06 (-2006)	1		
27	5 .531.769-07 (-1980)	1		5 .531.771-07 (-2007)	1		
28	5 .531.769-08 (-1981)	1		5 .531.771-08 (-2008)	1	" "	
32	5 .531.770-03 (-1994)	1		5 .531.772-03 (-2012)	1		
33	5 .531.770-04 (-1995)	1		5 .531.772-04 (-2013)	1		
34	5 .531.770-05 (-1996)	1		5 .531.772-05 (-2014)	1		
50	6 .018.000	30		6 .018.000	30		
52	6 .018.031	9		6 .018.031	9		
53	6 .020.916	3		6 .020.916	3		
54	6 .020.916-01	9		6 .020.916-01	9	" "	
55	6 .020.917	3		6 .020.917	3		
56	6 .018.003	3		6 .018.003	3		
57	6 .018.015-03	9		6 .018.015-03	9		
60	6 .090.273	1		6 .090.273	1	(. : ")	
61	6 .304.001/6 .304.006	1		6 .304.001/6 .304.006	1	-2(/)(. : ")	
70	5 .531.854-13 (-370)	12		5 .531.858-13 (-586)	12		
71	5 .531.852-13 (-262)	1		5 .531.852-13 (-262)	1	(:)	
70	5 .531.855-13 (-424)	12		5 .531.859-13 (-640)	12		
71	5 .531.853-13 (-262)	1		5 .531.853-13 (-262)	1	(:)	
80	-1,6	2		-1,6	2		
82	-4,4	4		-4,4	4		
84	-8,4	2		-8,4	2		
85	-5	12		-5	12		
90	-3	4		-3	4		
95	5 .531.791 (-2018)			5 .531.791-10 (-2027)		" "	
96	5 .531.791-01 (-2019)			5 .531.791-11 (-2028)		-	
97	5 .531.791-02 (-2020)			5 .531.791-12 (-2029)			
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59.

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59-1	1000
59-2	2000

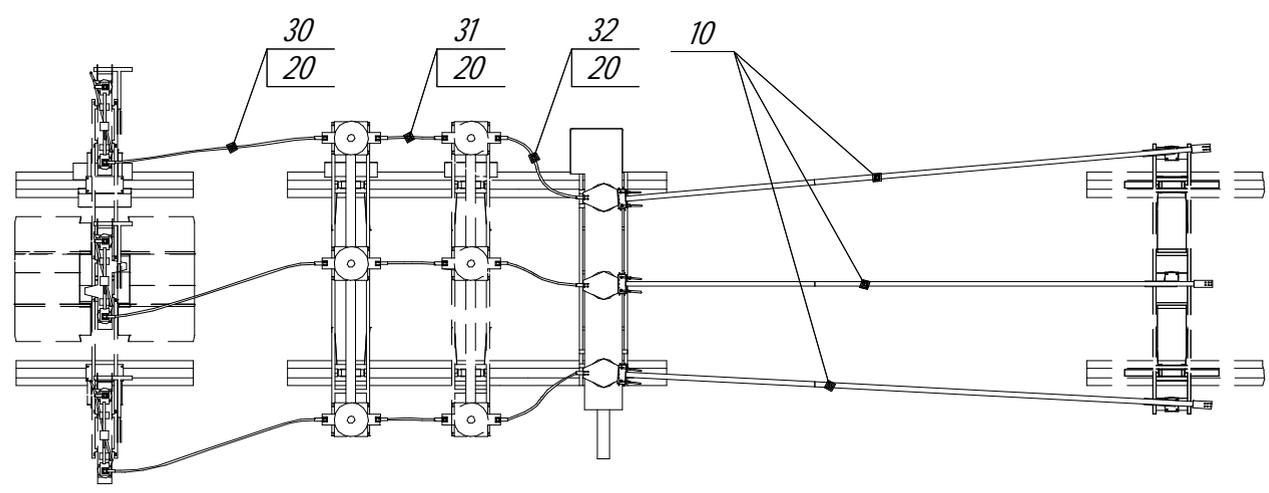
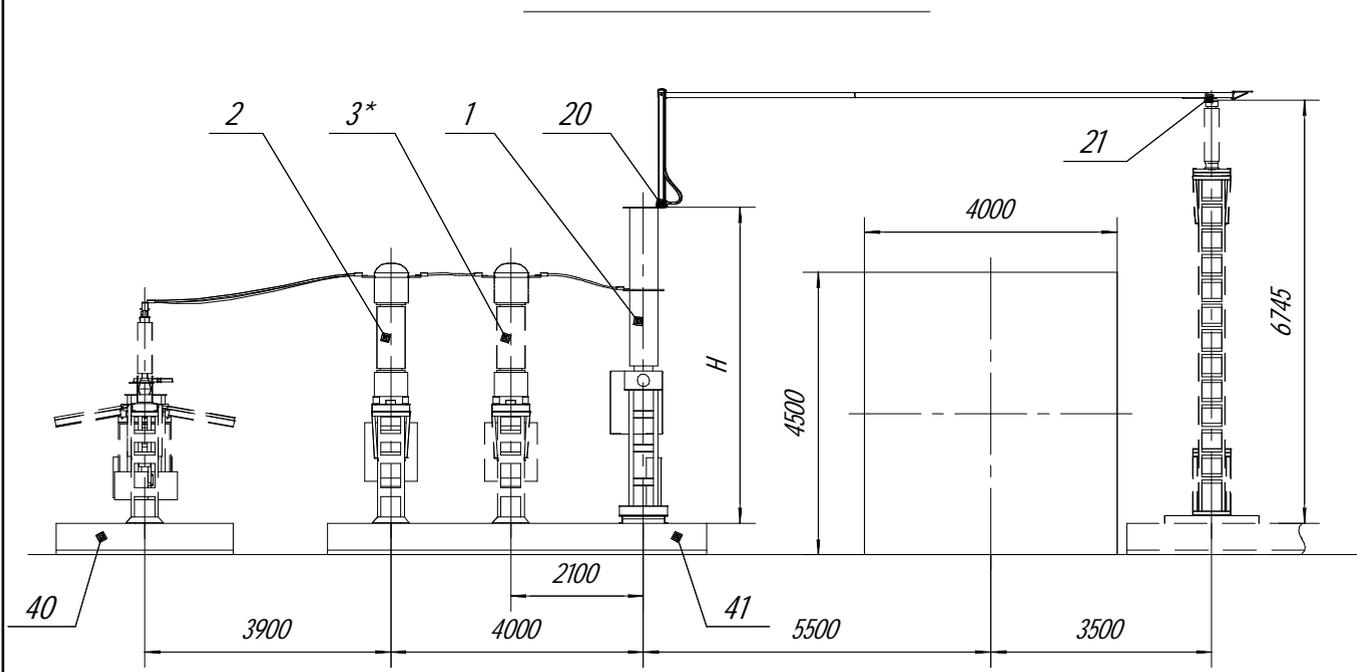
-4,4 (.82)

-6,0 (.83)

- -110, - -110, SGF-123 () c
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	<i>I,</i>	
11-1	1000	
11-2	2000	

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	<i>H,</i>
-110	5040
LTB-145	5200
3AP1 FG-145	5370
GL312F1-110	

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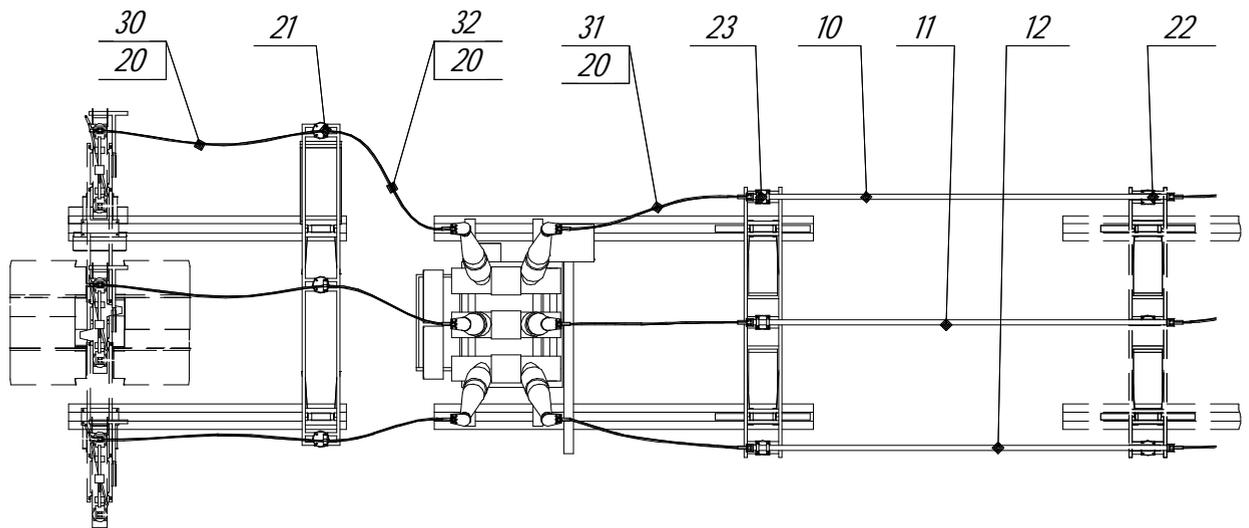
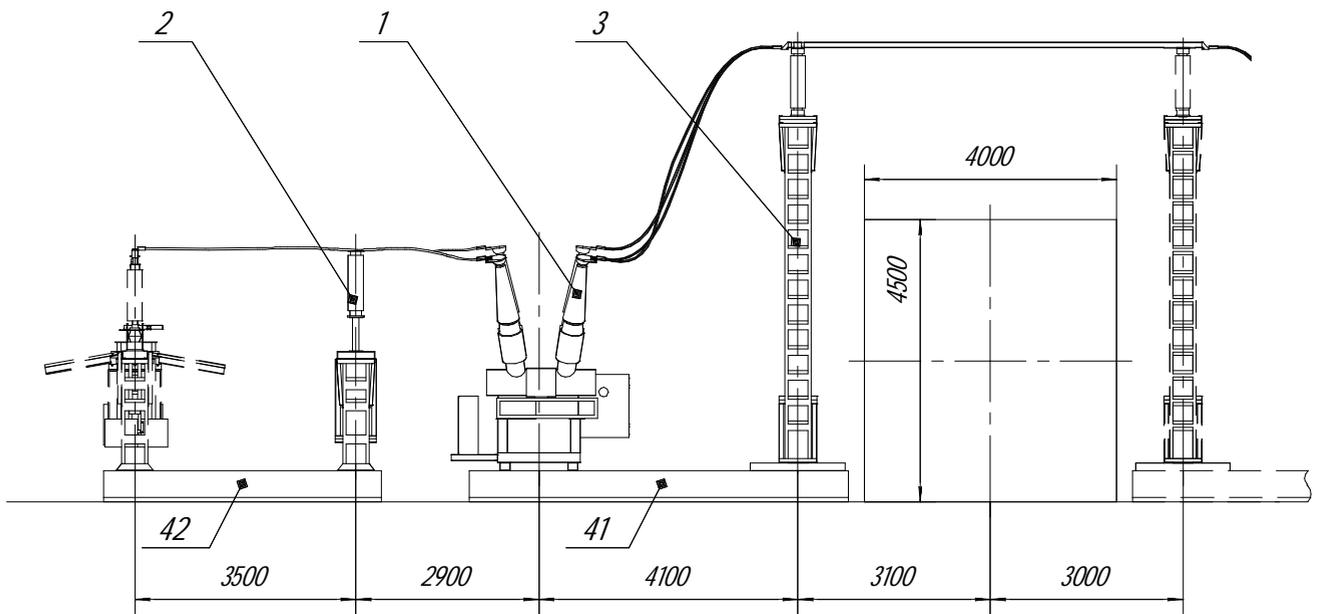
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		.1		11	
		11-1 (1000)		11-2 (2000)	
		-		-	
1	110-42/1,4-□ - 1 (-110)	1	110-42/1,4-□ - 1 (-110)	1	" "
	110-42/1,7-□ - 1 (LTB-145)		110-42/1,7-□ - 1 (LTB-145)		
	110-42/1,7-□ - 1 (3API FG-145)		110-42/1,7-□ - 1 (3API FG-145)		
	110-42/1,7-□ - 1 (GL312F1-110)		110-42/1,7-□ - 1 (GL312F1-110)		
2	110-71/2- 1	1	110-71/2- 1	1	" "
3	110-71/2- 1	-1	110-71/2- 1	-1	" "
10	5 .589.486 (-746)	1	5 .589.486-01 (-747)	1	-110
	5 .589.486-02 (-748)	1	5 .589.486-03 (-749)	1	LTB-145
	5 .589.486-04 (-1007)	1	5 .589.486-05 (-1008)	1	3API FG-145 GL312F1-110
20	6 .018.000	40	6 .018.000	40	
21	6 .018.015-01	3	6 .018.015-01	6	" "
30	5 .531.854-10 (-367)	6	5 .531.858-10 (-583)	6	(:)
31	5 .531.854-10 (-367)	6	5 .531.858-10 (-583)	6	
32	5 .531.854-04 (-361)	-12	5 .531.858-04 (-577)	-12	
30	5 .531.855-10 (-421)	6	5 .531.859-10 (-637)	6	(:)
31	5 .531.855-10 (-421)	6	5 .531.859-10 (-637)	6	
32	5 .531.855-04 (-415)	-12	5 .531.859-04 (-631)	-12	
40	-2,8	2	-2,8	2	
41	-6,0	2	-6,0	2	

9	. 0407-9177		19.04.2016	0 .412.086 4	175



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14-1	1000	
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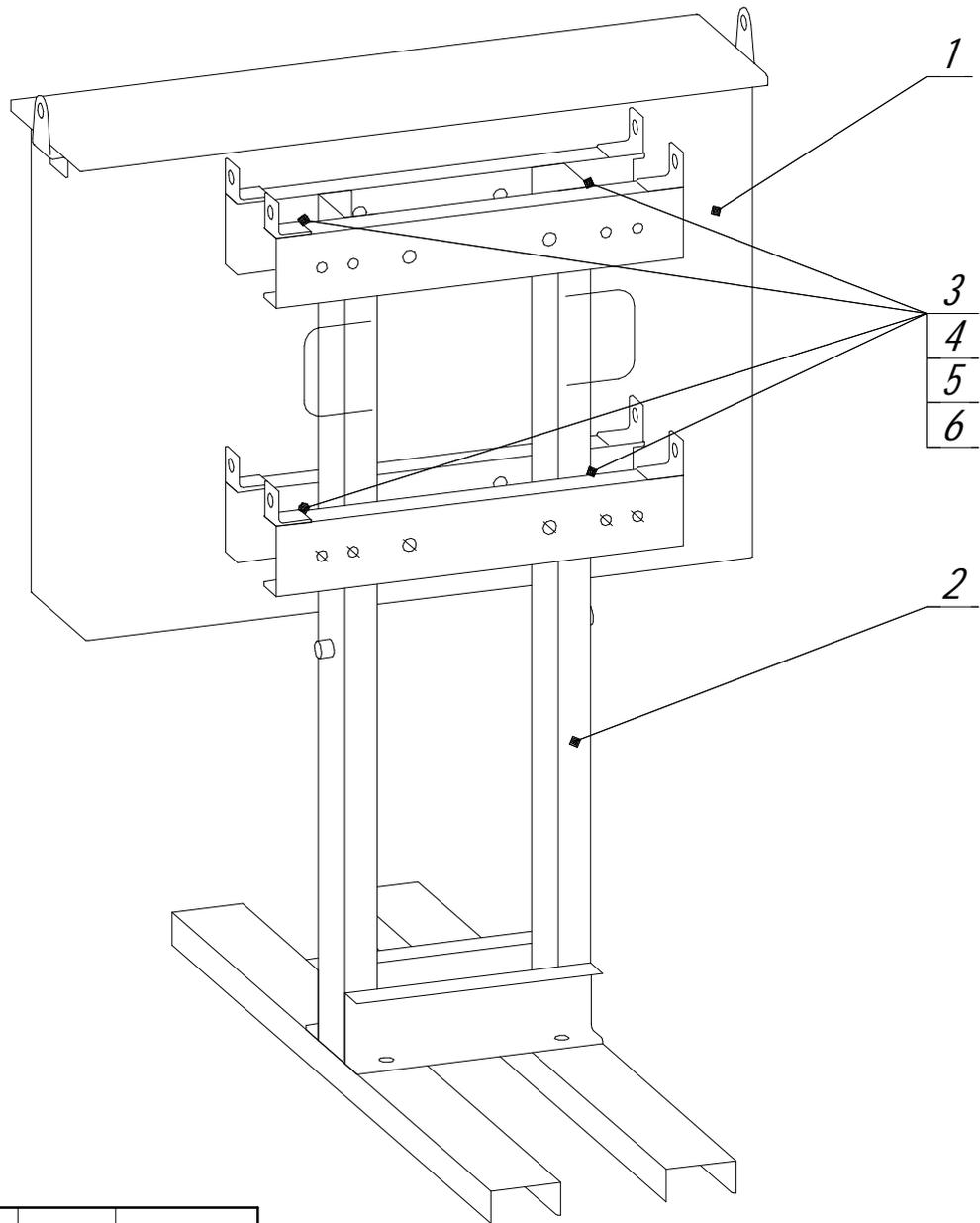
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		.2		14			
		14-1 (1000)		14-2 (2000)			
			-		-		
1	110-42/1,4-□ - 1 (-110)	1	110-42/1,4-□ - 1 (-110)	1	110-42/1,4-□ - 1 (-110)		" "
	110-42/1,5-□ - 1 (3AP1 DT-145)		110-42/1,5-□ - 1 (3AP1 DT-145)		110-42/1,5-□ - 1 (3AP1 DT-145)		
2	110-79/2,47- 1	1	110-79/2,47- 1	1	110-79/2,47- 1		" "
2	110-71/2- 1	-1	110-71/2- 1	-1	110-71/2- 1		" "
3	110-77/2- 1	1	110-77/2- 1	1	110-77/2- 1		" "
10	5 .589.530 (-975)	1	5 .589.530-01 (-976)	1	5 .589.530-01 (-976)		
11	5 .589.530-02 (-977)	1	5 .589.530-03 (-978)	1	5 .589.530-03 (-978)		" "
12	5 .589.530-04 (-979)	1	5 .589.530-05 (-980)	1	5 .589.530-05 (-980)		
20	6 .018.000	25	6 .018.000	25	6 .018.000		
21	6 .018.016-04	3	6 .018.016-04	3	6 .018.016-04		
22	6 .018.015-01	3	6 .018.015-01	3	6 .018.015-01		" "
23	6 .018.012	3	6 .018.012	3	6 .018.012		
30	5 .531.854-19 (-376)	6	5 .531.858-19 (-592)	6	5 .531.858-19 (-592)		
31	5 .531.854-13 (-370)	6	5 .531.858-13 (-586)	6	5 .531.858-13 (-586)		(:)
32	5 .531.854-13 (-370)	-12	5 .531.858-13 (-586)	-12	5 .531.858-13 (-586)		
30	5 .531.855-19 (-430)	6	5 .531.859-19 (-646)	6	5 .531.859-19 (-646)		
31	5 .531.855-13 (-424)	6	5 .531.859-13 (-640)	6	5 .531.859-13 (-640)		(:)
32	5 .531.855-13 (-424)	-6	5 .531.859-13 (-640)	-6	5 .531.859-13 (-640)		
41	-6,0	2	-6,0	2	-6,0		
42	-4,4	2	-4,4	2	-4,4		

9	. 0407-9177		19.04.2016		0 .412.086	4	
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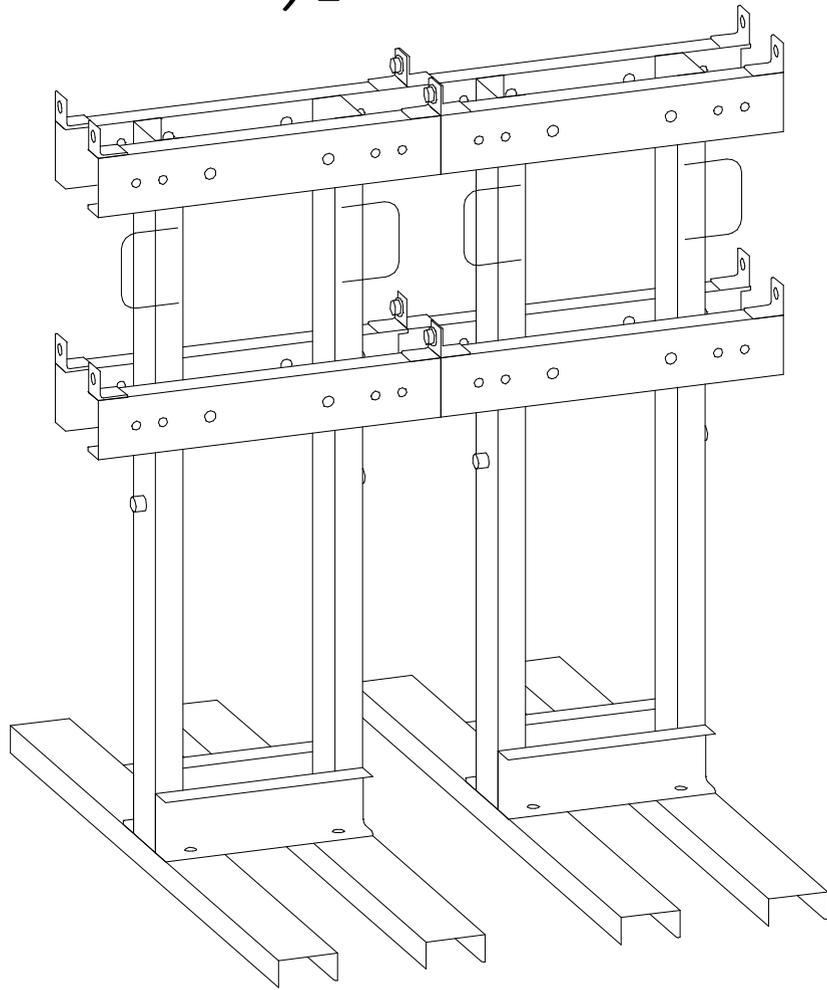
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2		-220	1
3	**	-	4
4	**	-	4
5	**	-	8
6	**	-	4

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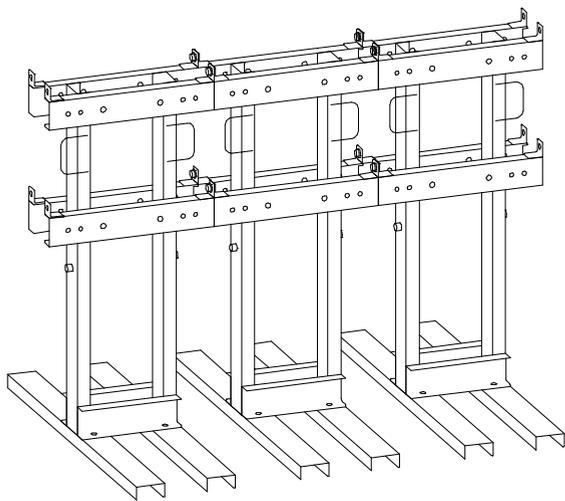
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9	. 0407-9177	19.04.2016	0 .412.086 4	178
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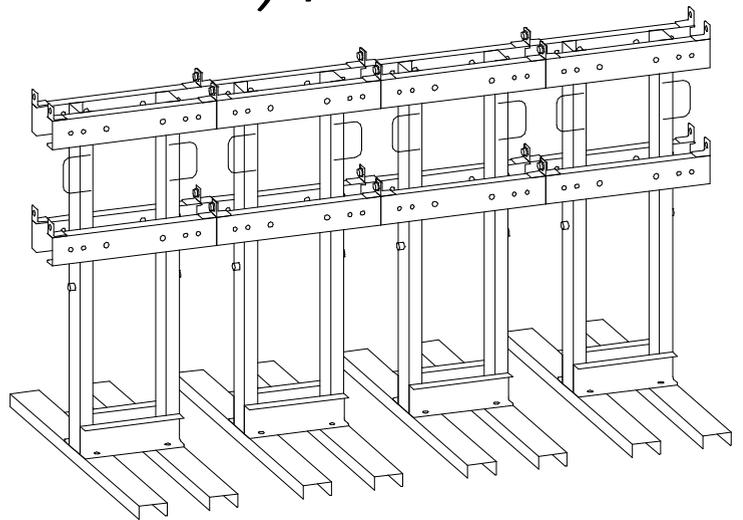
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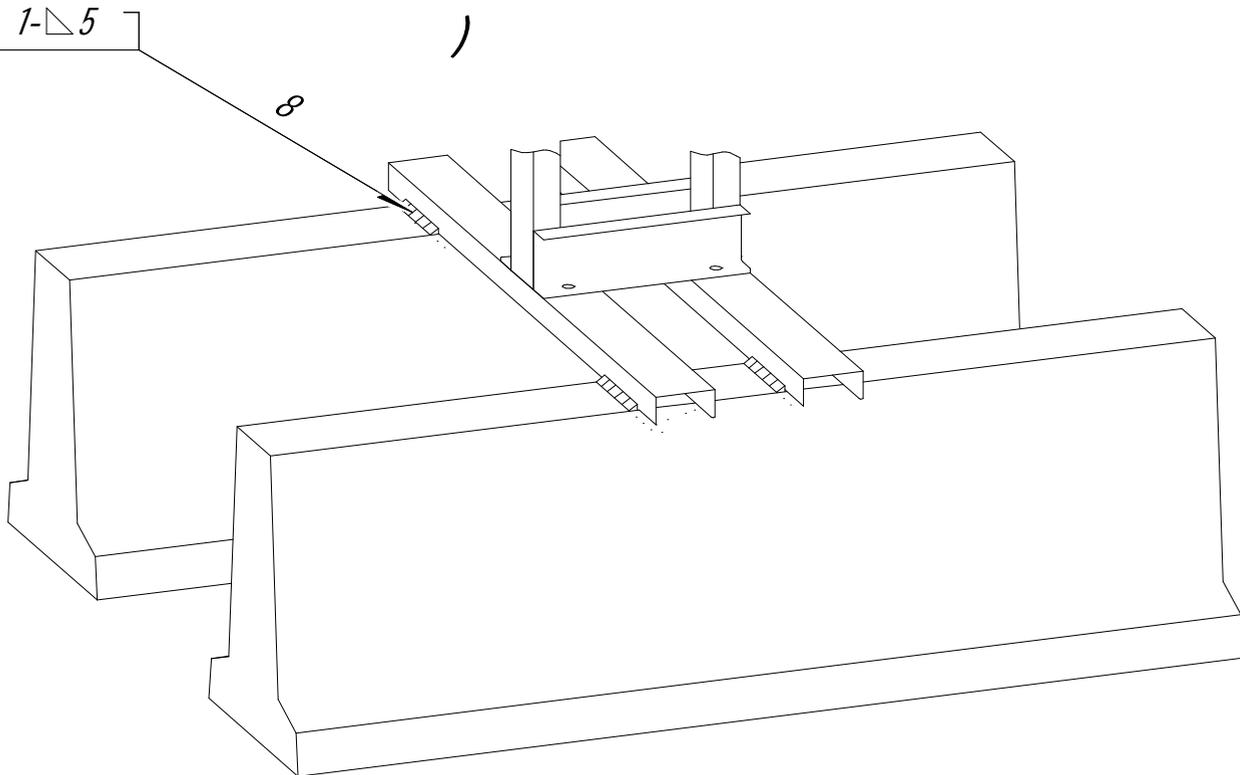
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179

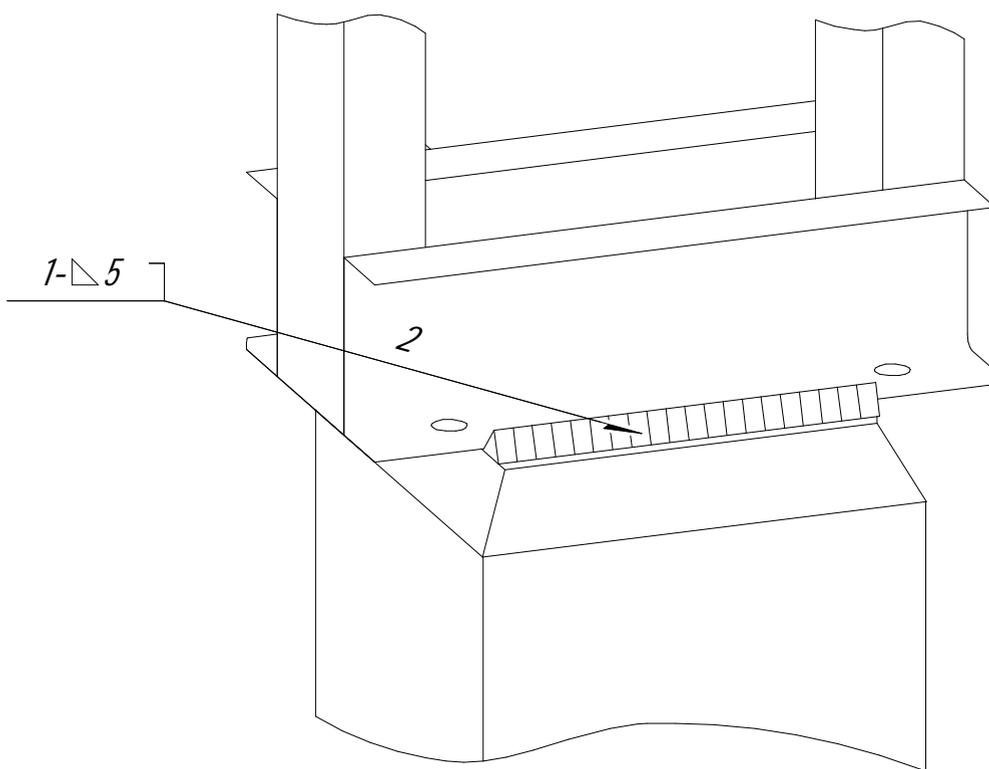
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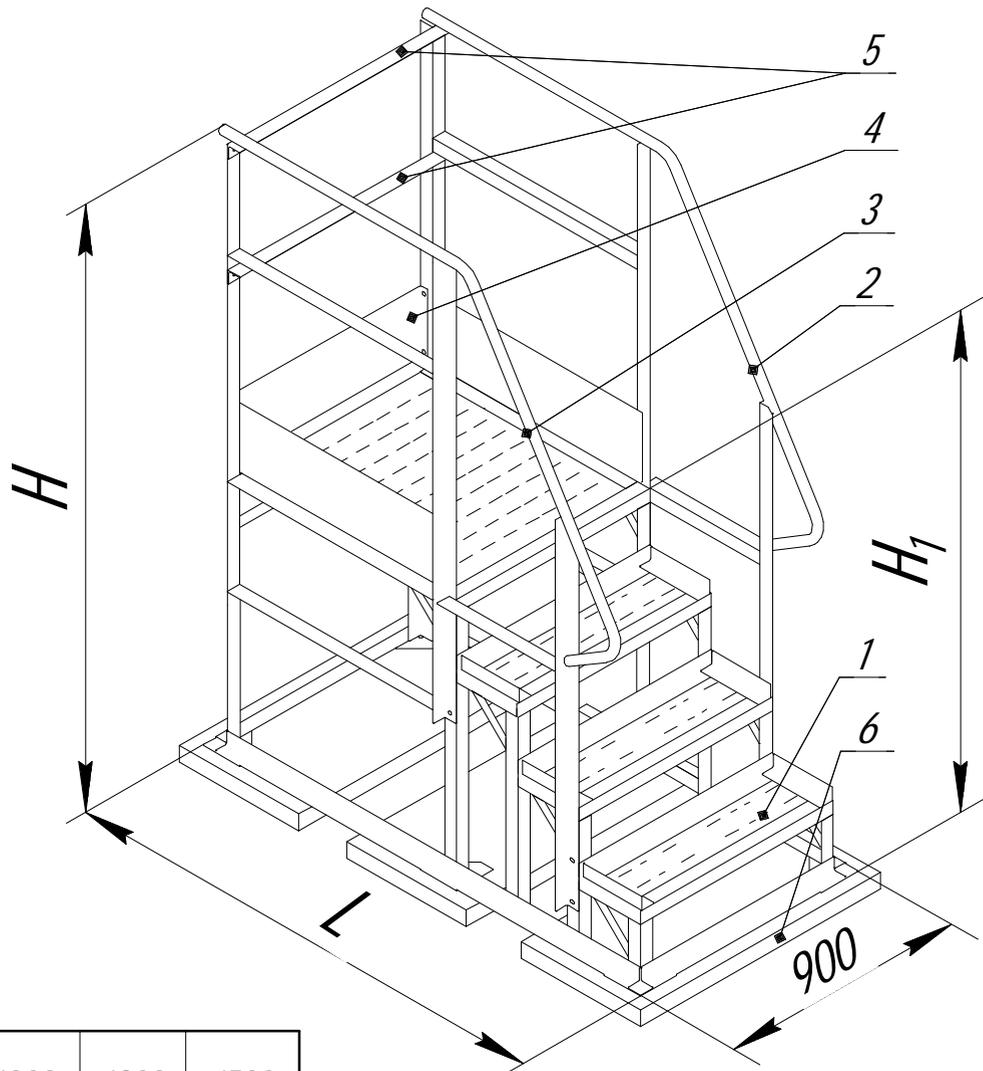


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	1000	1200	1500
H_1	500	700	1000
L	1300	1550	1800
	1750	2000	2250
	170	195	220
1	-42	-43	-52
2	-36	-36	-124
3	-37	-37	-125
4	-41		
5	-286		
6*	-5		

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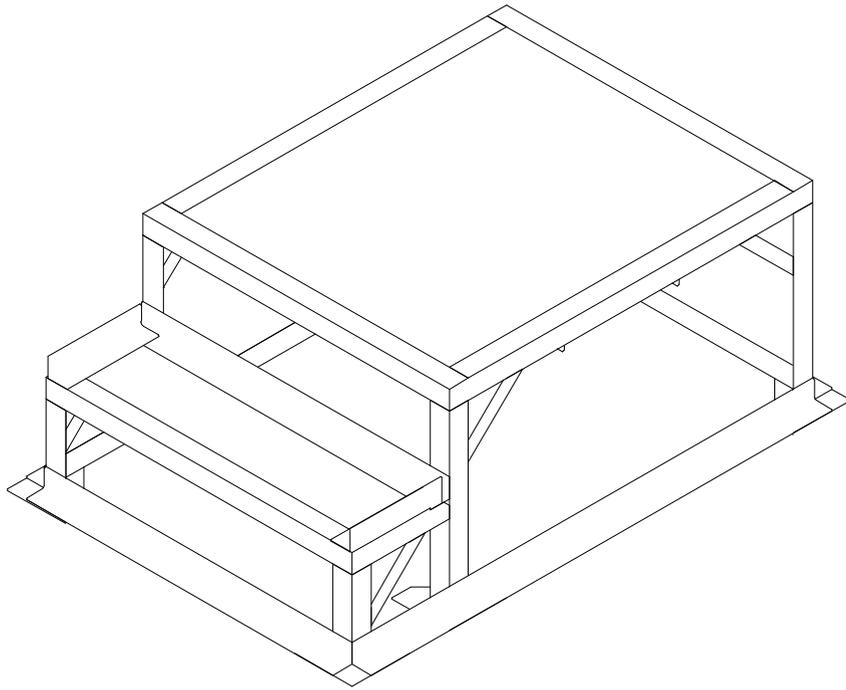
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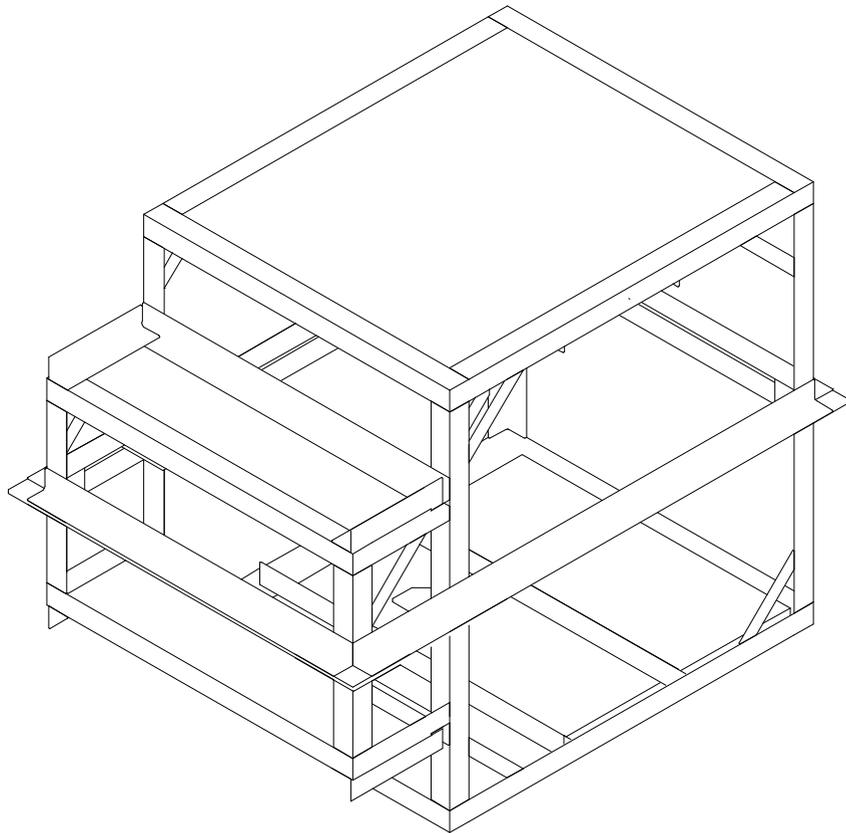
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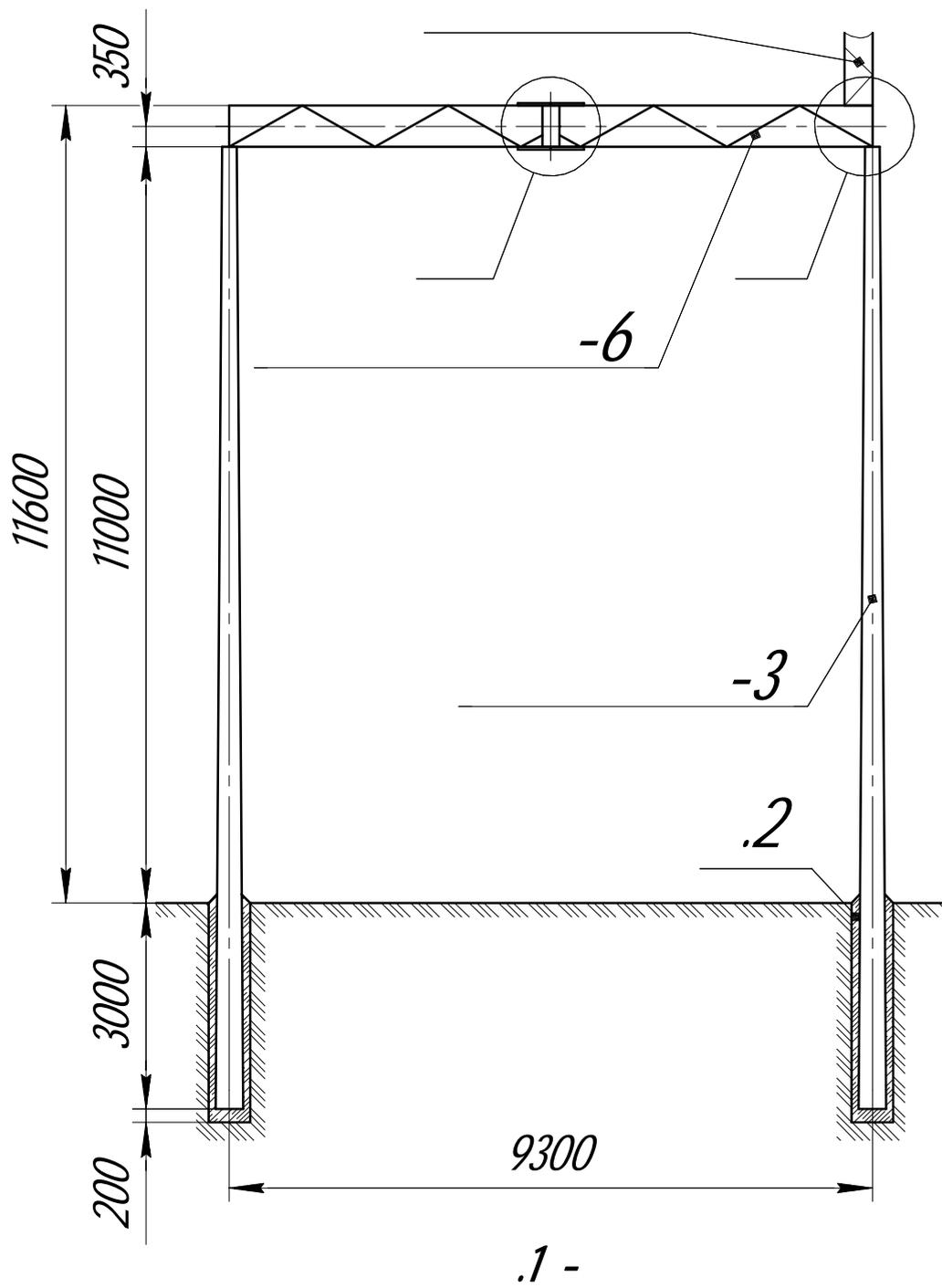
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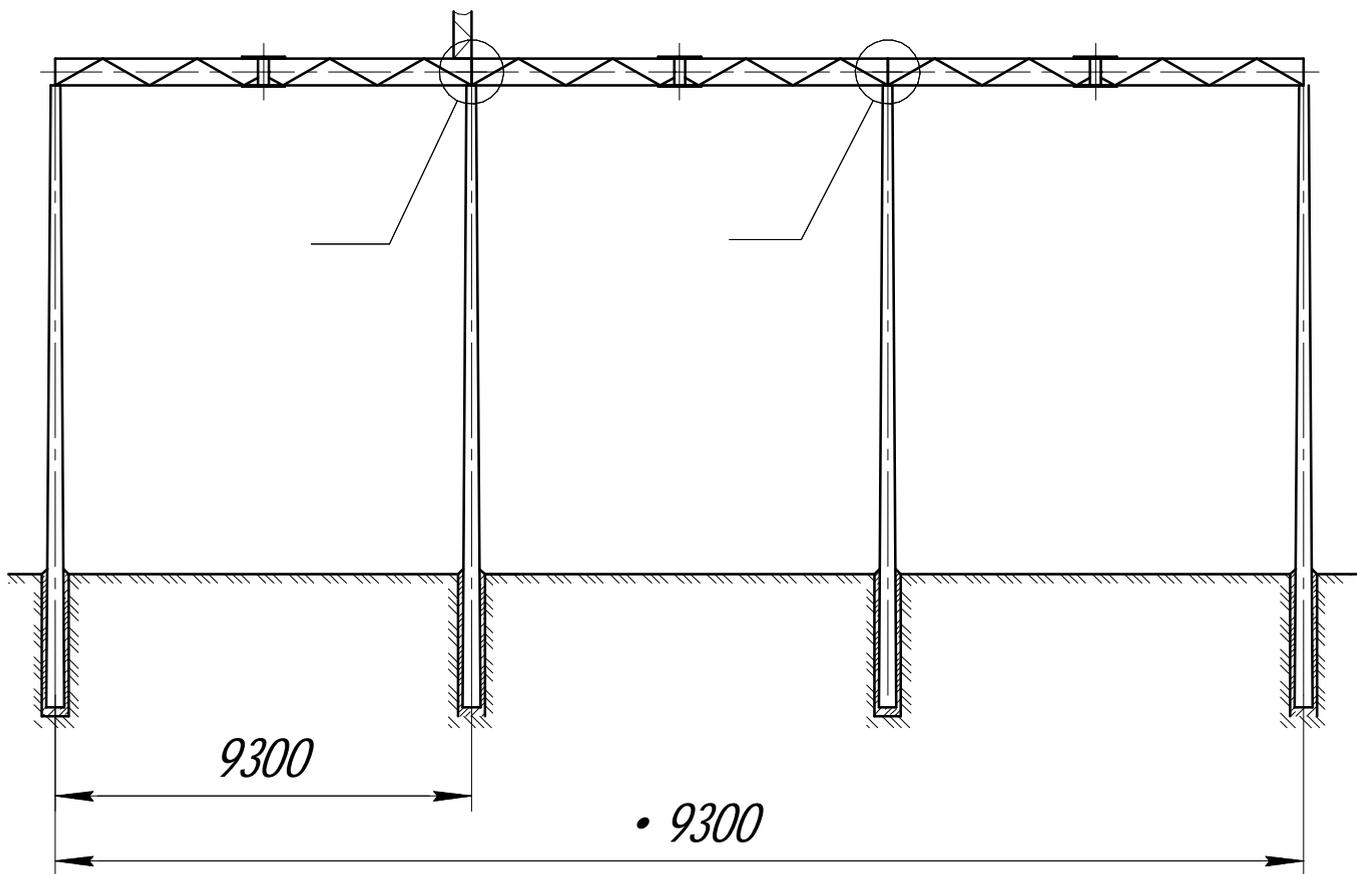
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9	0407-9177	19.04.2016	0 .412.086 4	183
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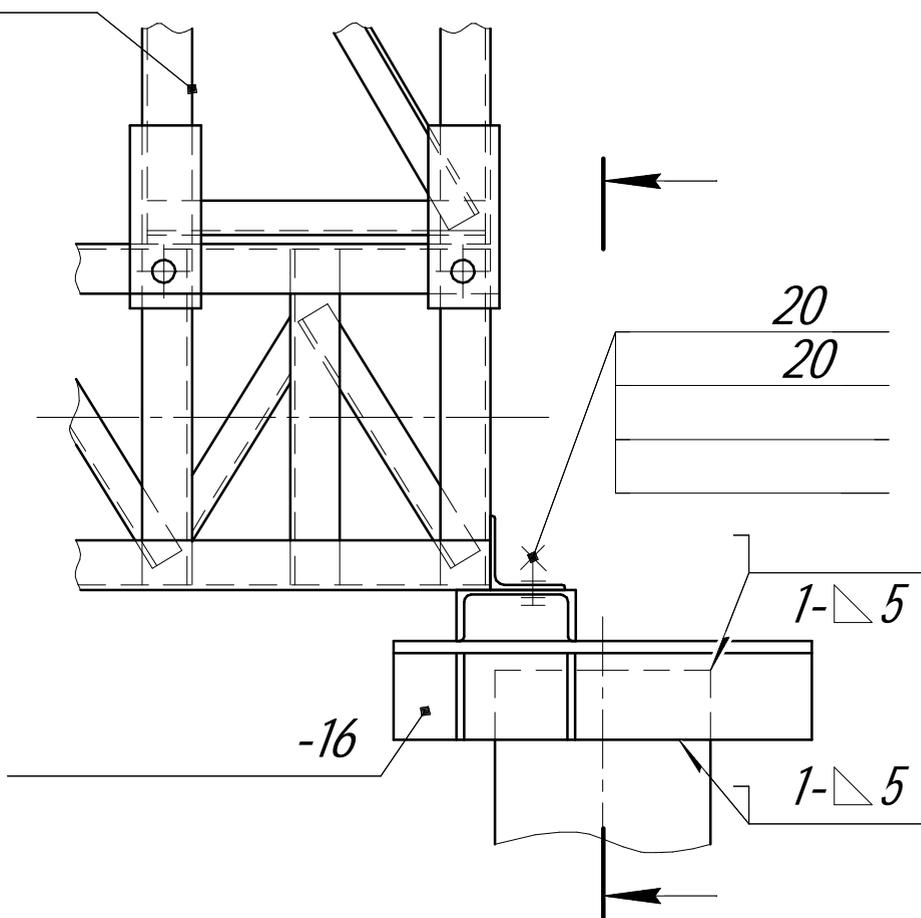
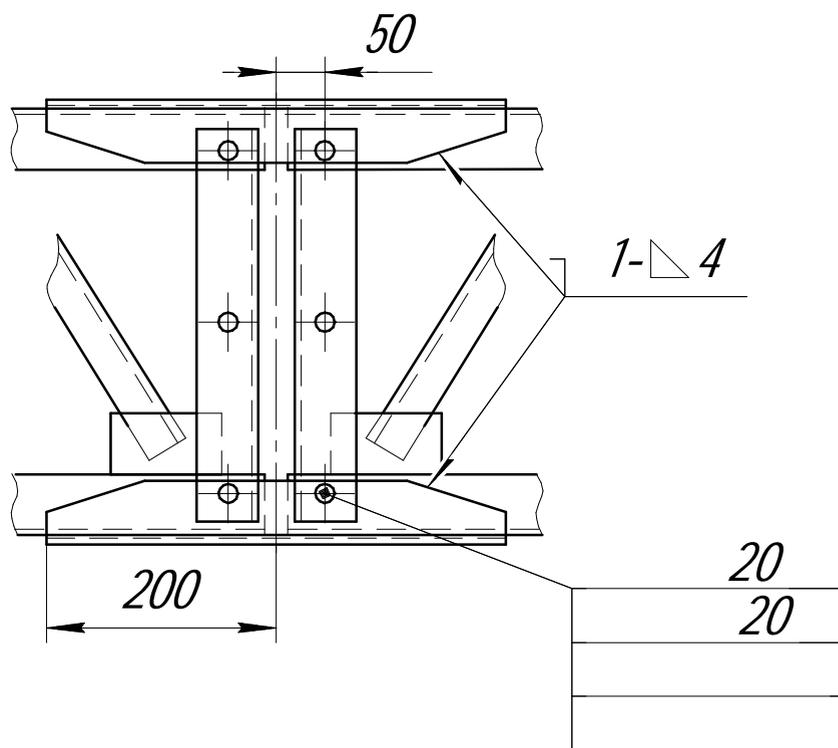
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6	.010.050	1
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	-02	3
	-03	4
	-04	5
	-05	6

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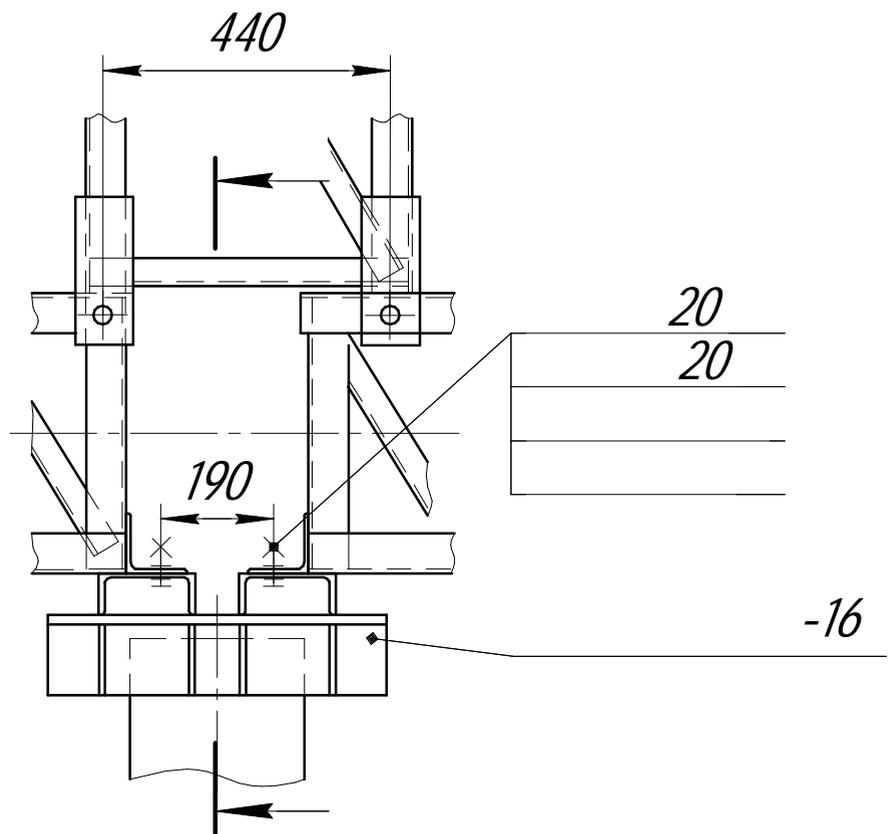
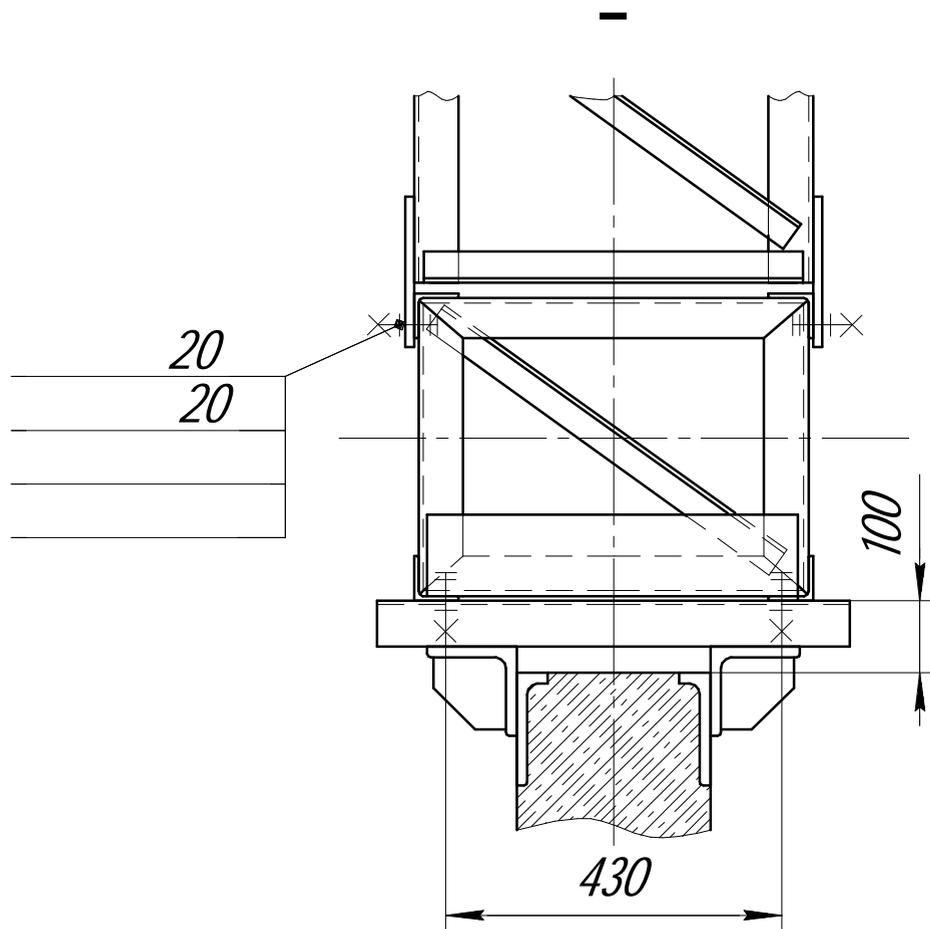
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