

Technical drawing of a metal structure (Fig. 1) showing dimensions and components. The structure is a rectangular frame with a total width of 3520 mm (4 x 880 mm) and a height of 1160 mm (2 x 580 mm). The width is divided into four sections: 1180 mm, 880 mm, 280 mm, and 1180 mm. The height is divided into two sections: 580 mm and 580 mm. The structure is made of metal (с.м. табл. 3) and includes a variable section (Переменная). The drawing also shows a detail of a corner joint (Дюбель) and a detail of a corner joint (Трубопроводы). The drawing is labeled with 'с.м. черт. марки ТС' and 'с.м. ТТ п.2'.

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Technical drawing of a metal structure, likely a bridge or walkway, showing dimensions and components. The structure is composed of two main sections, each 880 units long, totaling 1760 units. The height is 580 units. The drawing includes labels for various parts and materials:

- Трубопроводы** (Pipes) - см. комп. марки ТС (see comp. brand TS)
- Дюбель** (Bolt) - см. ТТ п.2 (see TT p.2)
- см. черт. марки ТС** (see drawing brand TS)
- А** - см. табл. 3 (see table 3)
- Б** - см. табл. 3 (see table 3)
- переменная** (variable)
- 2x880=1760** (total length)
- 580** (height)
- 1** (material or part identifier)
- 2** (material or part identifier)

[illegible]

Technical drawing of a rectangular base. The drawing includes the following labels and dimensions:

- Dimensions:**
 - Overall width: 880
 - Overall height: 580
 - Distance from the left edge to the center of the first hole: 1
 - Distance between the centers of the two holes: 2
 - Distance from the center of the second hole to the right edge: 8
 - Distance from the top edge to the center of the holes: см. черт. марки ТС
 - Distance from the top edge to the top of the base: см. компл. марки ТС
 - Distance from the top edge to the bottom of the base: см. табл. 3
 - Distance from the bottom edge to the bottom of the base: см. табл. 3
- Labels:**
 - Трубопроводы (Pipes)
 - см. компл. марки ТС (see assembly drawing)
 - Дюбель (Bushing)
 - см. ТТ п.2 (see TT p.2)
 - Переменная (Variable)

The drawing shows a column with a base. View 1-1 is the front view, showing a column with a height of 580 mm and a base width of 150 mm. The column is supported by a base with a height of 80 mm. The base is labeled 'Ось опоры' (Support axis). The column is labeled '1' and the base is labeled '2'. The base is also labeled 'Б' (См. табл. 3) and 'А' (См. табл. 3). View 2-2 is the side view, showing a column with a height of 1160 mm and a base width of 150 mm. The column is supported by a base with a height of 80 mm. The base is labeled 'Ось опоры' (Support axis). The column is labeled '1' and the base is labeled '2'. The base is also labeled 'Б' (См. табл. 3) and 'А' (См. табл. 3). The column is labeled '2x580=1160'.

Поз.	Обозначение	Наименование	Кол.	Масса ед., кг	Примечания
		<u>оп1, оп6</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	2	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	2	5.53	
		<u>оп12, оп15</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	5	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	8	5.53	
3	Серия Б1016.1-10.1/98	ФСБ 12.3.6	2	485	
		<u>оп16, оп17, оп27- оп28, оп33-оп34</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	4	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	4	5.53	
		<u>оп37, оп41, оп64, оп71, оп74, оп85,</u>			
		<u>оп88-оп92, оп98-оп108, оп114-оп117,</u>			
		<u>оп88-оп92, оп98-оп108, оп114-оп117,</u>			
		<u>оп121-оп124, оп127-оп129, оп132-оп158,</u>			
		<u>оп161-оп166, оп169-оп171, оп176-оп179,</u>			
		<u>оп183</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	2	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	2	5.53	
		<u>оп43-оп48</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	2	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	2	5.53	
		<u>оп49-оп57</u>			
1	Серия Б1016.1-10.1/98	ФСБ 9.3.6	2	350	
2		Лист 8х100х880 ГОСТ 19903-2015 С245 ГОСТ 27772-2021	2	5.53	

Опора	А	Б	Опора	А	Б	Опора	А	Б	Опора	А	Б
ОП1	243.160	242.660	ОП56	245.950	243.400	ОП105	244.640	244.290	ОП151	248.070	247.65
ОП2	243.080	242.580	ОП57	245.950	243.400	ОП106	244.730	244.380	ОП152	248.080	247.66
ОП3	243.180	242.680	ОП64	248.570	248.020	ОП107	244.830	244.480	ОП153	248.090	247.67
ОП4	243.240	242.740	ОП65	248.570	248.020	ОП108	244.930	244.580	ОП154	248.100	247.68
ОП5	243.320	242.820	ОП66	248.570	248.020	ОП114	245.210	244.810	ОП155	248.100	247.68
ОП6	243.230	242.730	ОП67	248.570	248.020	ОП115	245.330	244.930	ОП156	248.100	247.68
ОП12	244.430	243.470	ОП68	248.570	248.020	ОП116	245.400	245.000	ОП157	248.110	247.69
ОП13	244.600	243.640	ОП69	248.570	248.020	ОП117	245.510	245.110	ОП158	248.070	247.65
ОП14	244.780	243.820	ОП70	248.570	248.040	ОП121	245.850	245.480	ОП161	248.120	247.70
ОП15	244.960	244.000	ОП71	248.570	248.040	ОП122	245.940	245.570	ОП162	248.130	247.71
ОП16	243.750	242.790	ОП74	248.680	248.190	ОП123	246.090	245.720	ОП163	248.130	247.71
ОП17	243.810	242.850	ОП75	248.680	248.190	ОП124	246.150	245.780	ОП164	248.170	247.75
ОП27	243.900	242.940	ОП76	248.680	248.190	ОП127	246.270	246.780	ОП165	248.220	247.80
ОП28	243.880	242.920	ОП77	248.680	248.190	ОП128	246.430	245.940	ОП166	248.270	247.85
ОП33	243.830	242.870	ОП78	248.680	248.190	ОП129	246.390	245.900	ОП169	248.690	248.27
ОП34	243.78	242.820	ОП79	248.680	248.190	ОП132	246.860	246.490	ОП170	248.680	248.26
ОП37	244.960	244.440	ОП80	248.680	248.190	ОП133	246.960	246.590	ОП171	248.680	248.26
ОП38	244.990	244.410	ОП81	248.680	248.190	ОП134	247.090	246.720	ОП176	248.860	248.44
ОП39	244.890	244.390	ОП82	248.680	248.190	ОП135	247.140	246.770	ОП177	248.840	248.42
ОП40	244.800	244.300	ОП83	248.680	248.190	ОП136	247.180	246.810	ОП178	248.790	248.37
ОП41	244.700	244.250	ОП84	248.680	248.190	ОП137	247.250	246.650	ОП179	248.670	248.25
ОП43	243.740	242.780	ОП85	248.680	248.190	ОП138	247.320	246.720	ОП183	248.13	247.73
ОП44	243.590	242.630	ОП88	248.780	248.280	ОП139	247.400	246.800			
ОП45	243.530	242.570	ОП89	244.420	244.000	ОП140	247.480	246.880			
ОП46	243.450	242.490	ОП90	244.500	244.040	ОП141	247.550	246.850			
ОП47	243.640	242.680	ОП91	244.560	243.980	ОП142	247.700	247.28			
ОП48	243.620	242.660	ОП92	244.660	244.280	ОП143	247.770	247.35			
ОП49	244.750	242.250	ОП98	244.280	243.880	ОП144	247.850	247.43			
ОП50	244.640	242.140	ОП99	244.250	243.880	ОП145	247.910	247.49			
ОП51	244.480	243.980	ОП100	244.300	243.900	ОП146	247.990	247.57			
ОП52	243.740	243.240	ОП101	244.380	243.900	ОП147	248				

Схема	Нагрузки	№ опоры	$\Sigma P_{20}, \text{мс}$	$\Sigma P_{20}, \text{мс}$
	Расчетные	оп1	1.09	0.33
		оп2	1.78	0.53
		оп3	1.50	0.45
		оп4	2.42	0.72
		оп5	1.96	0.59
		оп6	1.32	0.40
		оп12	4.05	1.22
		оп13	6.45	1.94
		оп14	4.65	1.40
		оп15	3.90	1.17
		оп16...оп17	2.22	0.67
		оп27...оп28	2.96	0.89
		оп33...оп34	2.78	0.83
		оп37...оп41	0.25	0.08
		оп43...оп48	0.11	0.03
		оп49...оп52	0.20	0.06
		оп53...оп54	0.15	0.05
		оп55...оп57	0.05	0.01
		оп64...оп65	0.32	0.10
		оп66...оп71	0.20	0.06
оп74...оп85	0.40	0.12		
оп88				
оп89...оп99	0.77	0.23		
оп100...оп108	0.38	0.11		
оп114...оп117				
оп121...оп124				
оп127...оп129	0.24	0.07		
оп132...оп136				
оп132...оп158	0.11	0.03		
оп161...оп166				
оп169...оп171				
оп176...оп179				
оп183	0.25	0.08		

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