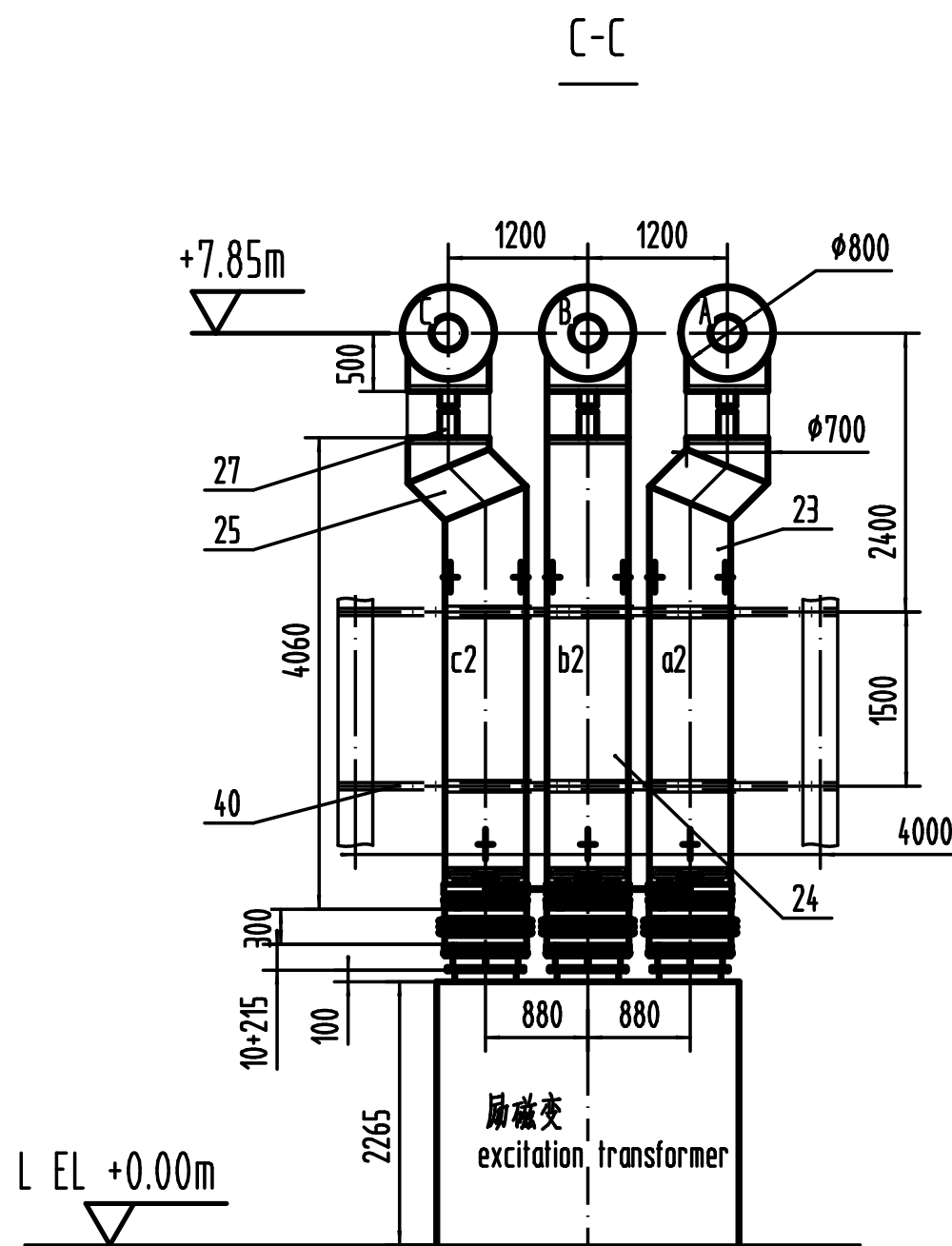
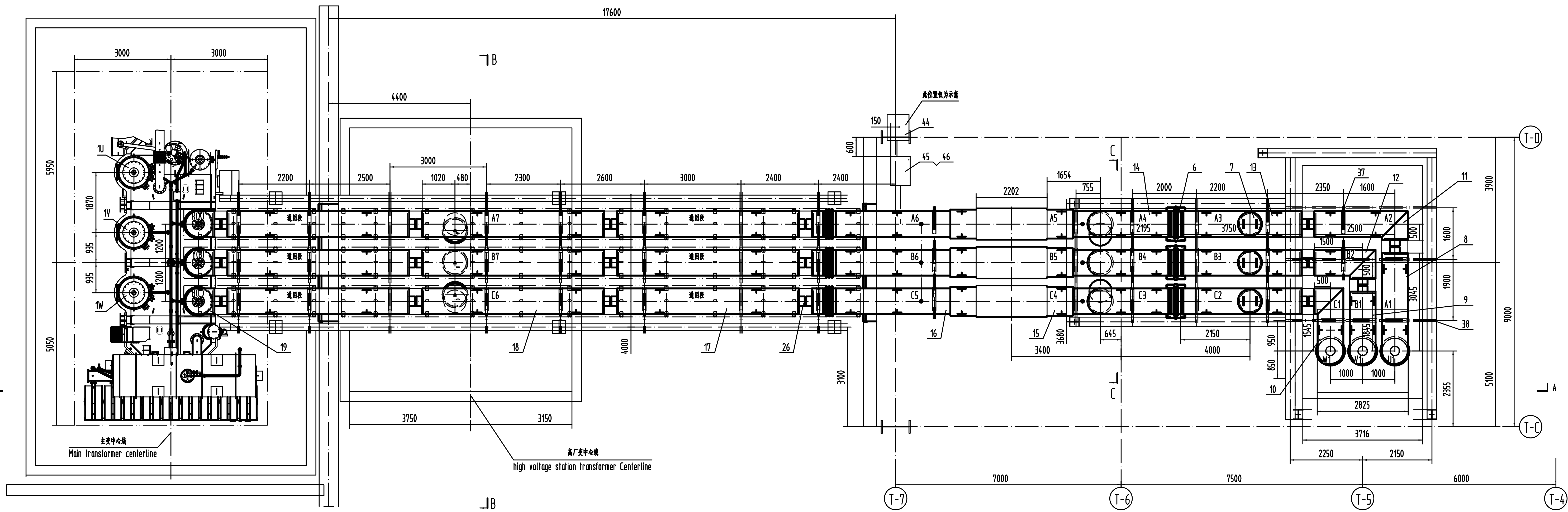
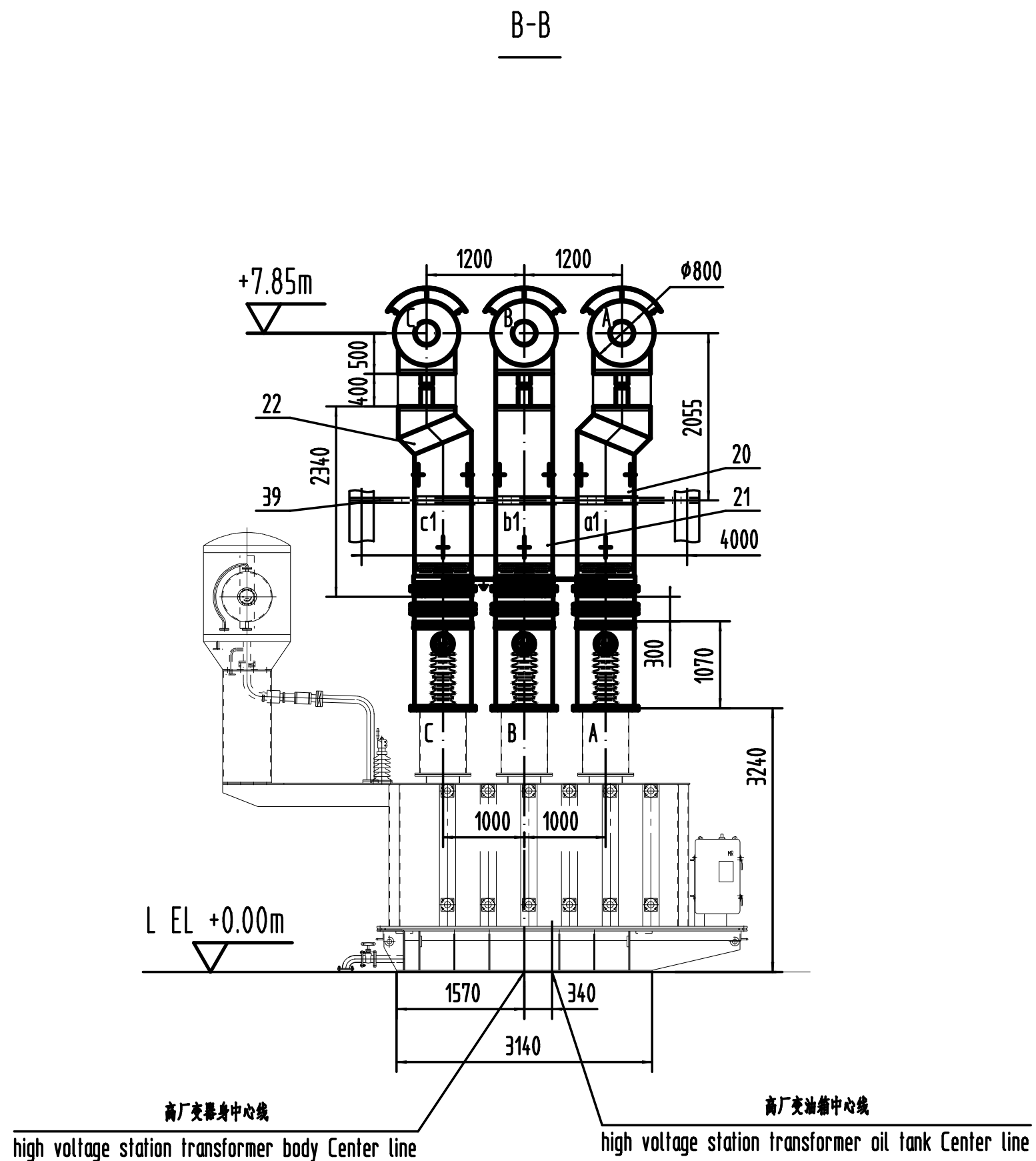
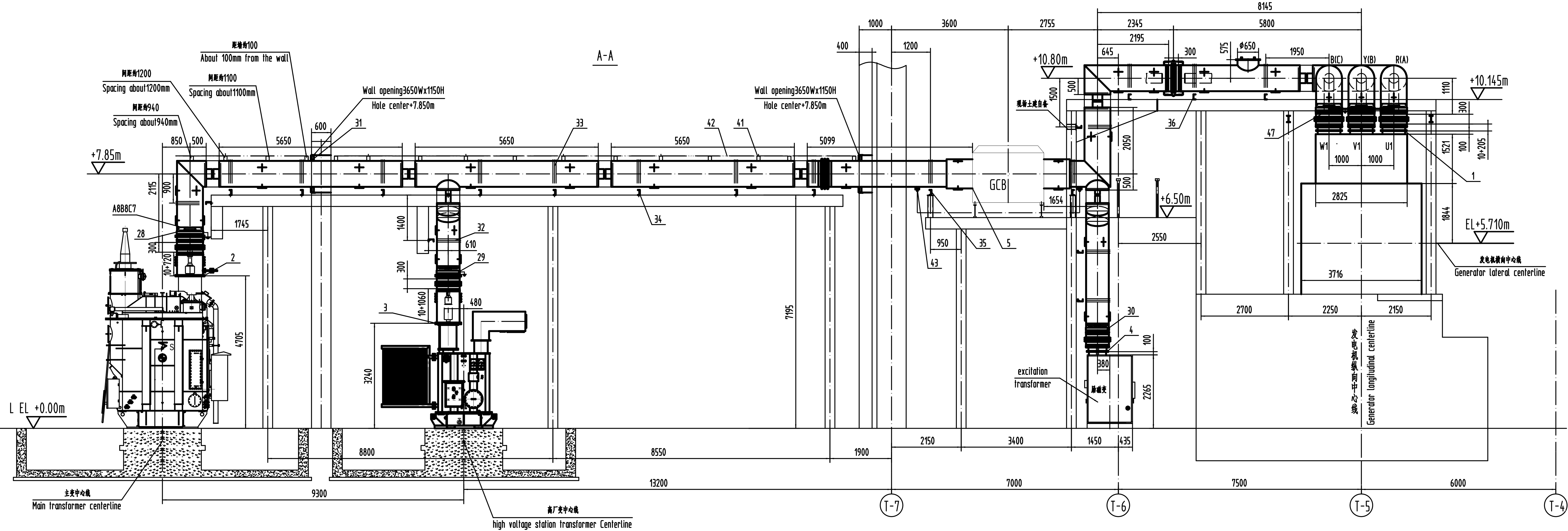




技术要求

1. 封闭母线安装前，应详细核对尺寸，母线各段拼装完毕后，应进行段间调整，调整时应从主变侧或发电机侧开始，要把安装及制造误差累计到各段口之间。
2. 在安装母线的支持结构时，应保证室内外的支持结构在同一标高上，方可与基础焊接。
3. 封闭母线在进行现场焊接时，应按照相关标准进行焊接，并保证焊接后母线的导电性及气密性不受影响，焊接完毕后，应进行补漆，油漆现场自备。
4. 如有需要密封的地方，现场自行准备密封胶。
5. 详细安装说明，请参考安装使用说明书。
6. 未标注焊接接口尺寸均为400mm。
7. 接地点的具体位置由现场确定。

technical requirement

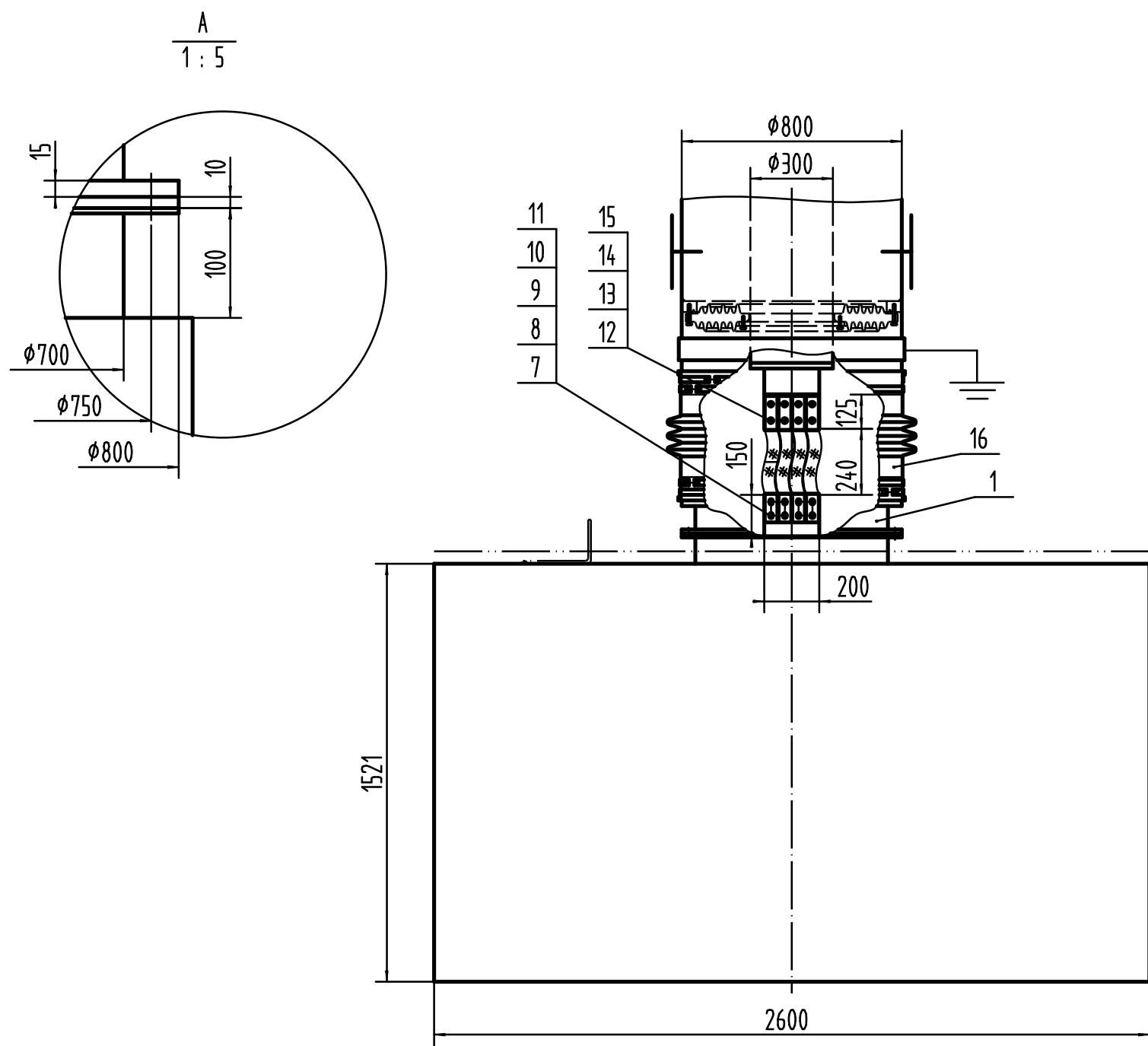
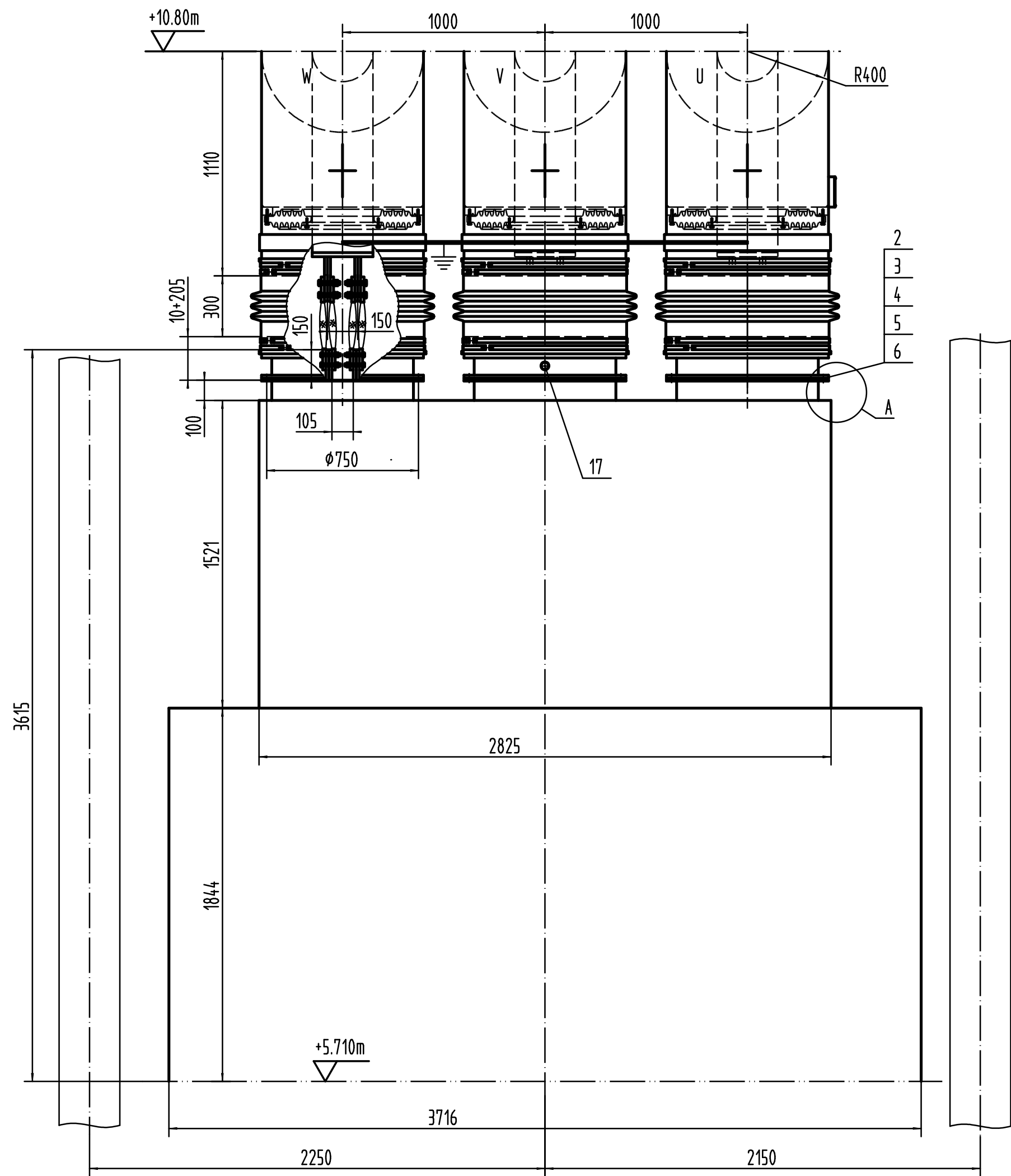
1. Before the installation of enclosed bus, the size shall be checked in detail. After the bus sections are placed, Inter segment adjustments shall be made. During adjustment, start from the main transformer side or generator side, and the installation and manufacturing errors are accumulated between the sections.
2. When installing the support structure of the bus, ensure that the indoor and outdoor support structures are the same. Only on the elevation can it be firmly welded to the foundation.
3. When the enclosed bus is welded on site, it shall be welded in accordance with relevant standards. Ensure that the conductivity and air tightness of the bus are not affected after welding. After welding, the Touch up paint.Paint to be provided by site.
- 4.If there is a need for sealing, the sealant shall be prepared on site
- 5.For detailed installation instructions, please refer to the installation and operation manual.
- 6.The unmarked weld fracture size is 400mm.
- 7.The specific location of the grounding point shall be determined by the site.

47	FM488A-44	ELN short circuit break assembly structure	1	短路器安装结构			发电机侧
46	FM488A-43	Micro negative pressure bell air device	1	微正压负压指示装置			
45	FWY-Y	Oil-free pressure bell air device	1	微正压-负压装置			
44	WW-0.9/7	Oil-free air compressor	1	无油空压机			
43	FT2-69	Micro positive pressure bell gas structure	6	微正压(微)气结构			
42	FM488A-42	Sun visor	21	遮阳板			
41	FM488A-41	Sunshade structure assembly	48	遮阳结构装配			

40	FM488A-40	Three-phase support structure of branch	2	支路三相			厂用分支
39	FM488A-39	Three-phase support structure of branch	1	支路三相			厂用分支
38	FM488A-38	Indoor three-phase support structure	3	支路三相			厂用三相
37	FM488A-37	Indoor two-phase support structure	1	支路三相			厂用三相
36	FM488A-36	Indoor three-phase support structure	1	支路三相			厂用三相
35	FM488A-35	Indoor three-phase support structure	2	支路三相			厂用三相
34	FM488A-34	Outdoor three-phase support structure	1	支路三相			厂用三相
33	FM488A-33	main bus bar shell support structure	51	外壳支路三相			主
32	FM488A-32	branch bus bar shell support structure	9	外壳支路三相			分支
31	FM488A-31	Wall through structure	2	穿墙结构			
30	FM488A-30	Excitation transformer shell and main transformer	1	励磁变压器及主变			励磁变
29	FM488A-29	Excitation transformer shell and main transformer	6	励磁变压器及主变			励磁变
28	FM488A-28	Excitation transformer shell and main transformer	6	励磁变压器及主变			励磁变
27	FM488A-27	Excitation transformer shell and main transformer	6	励磁变压器及主变			励磁变
26	FM488A-26	Excitation transformer shell and main transformer	20	励磁变压器及主变			励磁变
25	FM488A-25	c2section assembly	1	c2段装配			
24	FM488A-24	b2section assembly	1	b2段装配			
23	FM488A-23	a2section assembly	1	a2段装配			
22	FM488A-22	c1section assembly	1	c1段装配			
21	FM488A-21	b1section assembly	1	b1段装配			
20	FM488A-20	a1section assembly	1	a1段装配			

19	FM488A-19	A888C7section assembly	3	A888C7段装配			
18	FM488A-18	A787C6section assembly	3	A787C6段装配			
17	FM488A-17	Common section assembly	3	通用段装配			
16	FM488A-16	A686C5section assembly	3	A686C5段装配			
15	FM488A-15	A585C4section assembly	3	A585C4段装配			
14	FM488A-14	A484C3section assembly	3	A484C3段装配			
13	FM488A-13	A383C2section assembly	3	A383C2段装配			
12	FM488A-12	B2section assembly	1	B2段装配			
11	FM488A-11	A2section assembly	1	A2段装配			
10	FM488A-10	C1section assembly	1	C1段装配			
9	FM488A-09	B1section assembly	1	B1段装配			
8	FM488A-08	A1section assembly	1	A1段装配			
7	FM488A-07	The generator short circuit test device	1	发电机短路试验装置			
6	FM488A-06	Detachable connection structure	3	可拆卸连接结构			
5	FM488A-05	Connection structure and GCB	3	AGCB连接结构			
4	FM488A-04	Connection structure and excitation transformer	3	励磁变压器连接结构			
3	FM488A-03	Connection structure and high plant transformer	3	高压厂变连接结构			
2	FM488A-02	Connection structure and main transformer	3	与主变连接结构			
1	FM488A-01	Connection structure and generator	1	与发电机连接结构			

设计	审核	名称	数量	名称	数量	名称	备注
No.	Doc No.	Drawing name	Qty	Drawing name	Qty	重量 WT	Remarks
		NE1-700MW CSP+250MW PV Hybrid Project					FUXIN Enclosed busbar co.,Ltd
		CT (1×100MW)					1910年CT制造标准等规范及图例
approval	change number	sign	date	stage	mark	weight ratio	Construction drawing details of IPB
check	approve	date	pages	page	1:60		FM488A-00



技术要求:

1. 本结构的安装程序在发电机出线端子就位后进行。
2. 封母就位后,应调整支架高度和相间距离尺寸以便符合图纸要求;之后将封母外壳与发电机出线外壳用橡胶波纹管连接。再进一步校核各部位尺寸。确认无误后,进行完全固定。
3. 短路板是否接地,现场根据实际情况确定。

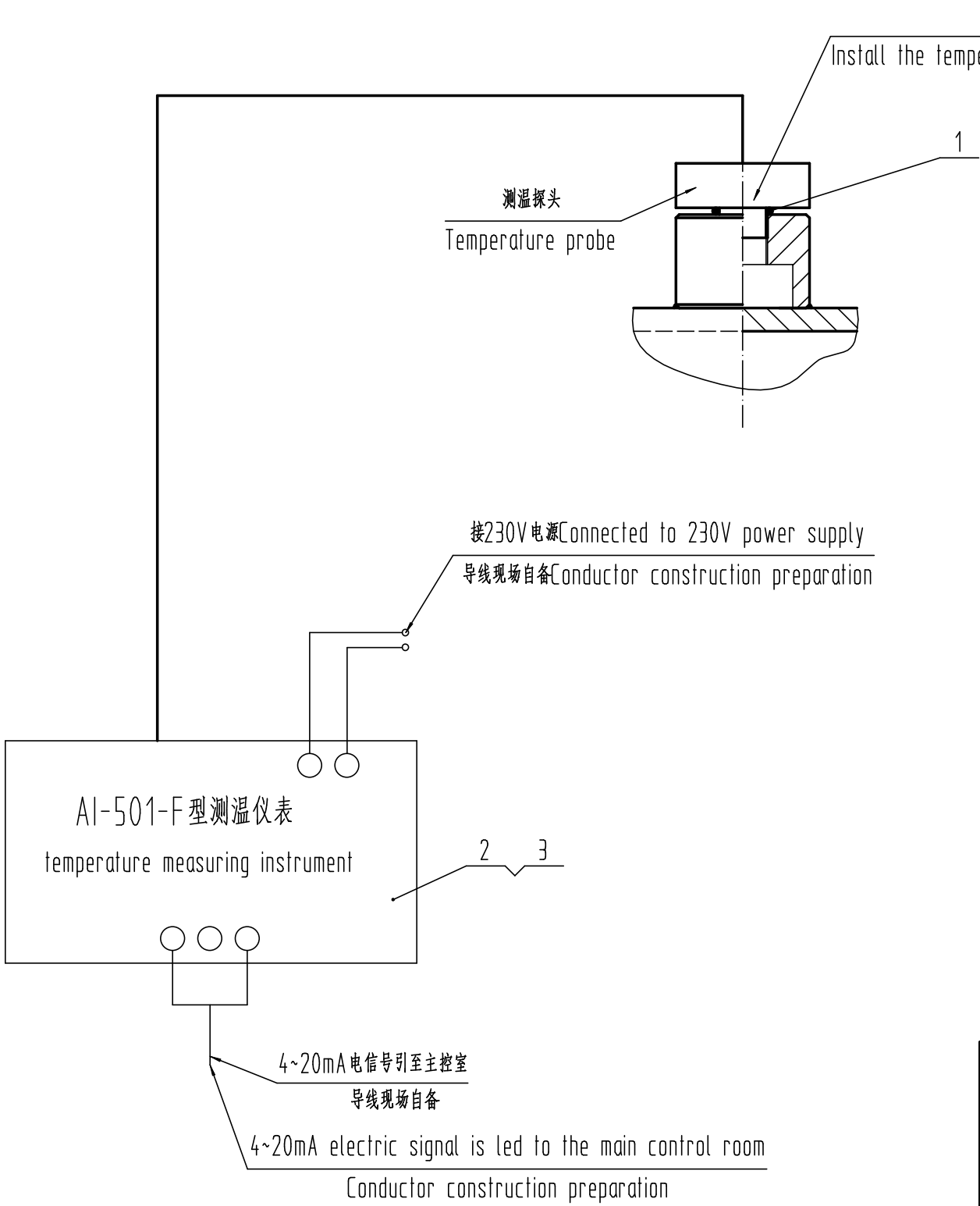
Technical requirements:

1. the installation procedure of this structure shall be carried out after the generator outlet terminal is in place.
2. After the sealing bus is in place, the bracket height and phase to phase distance shall be adjusted to meet the requirements of the drawing; after that, the sealing bus shell and the outlet shell of the generator shall be connected with rubber bellows. Further check the size of each part. After confirmation, complete fixation shall be carried out.
3. Whether the short circuit board is grounded shall be determined on site according to the actual situation.

17	FM488A-01-6	铜编织线软连接 connection diagram of remote temperature measuring device	1				
16	FT1G-10L	橡胶波纹管装配 Rubber bellows assembly	3				
15	GB93-87	弹垫 Spring washer 16	48	不锈钢Stainless steel			
14	GB97.1-85	垫圈 Washer 16	96	不锈钢Stainless steel			
13	GB6170-86	螺母 M16	48	不锈钢Stainless steel			
12	GB5782-86	螺栓 M16x95	48	不锈钢Stainless steel			

11	GB93-87	弹垫 Spring washer 12	48	不锈钢Stainless steel			
10	GB97.1-85	垫圈 Washer 12	96	不锈钢Stainless steel			
9	GB6170-86	螺母 Nut M12	48	不锈钢Stainless steel			
8	GB5782-86	螺栓 Bolt M12x90	48	不锈钢Stainless steel			
7	FM488A-01-3	铜编织线 Braided copper wire	48			L=485	
6	GB93-87	弹垫 Spring washer 12	36	镀锌Zinc plating			
5	GB97.1-85	垫圈 Washer 12	72	镀锌Zinc plating			
4	GB6170-86	螺母 Nut M12	36	镀锌Zinc plating			
3	GB5782-86	螺栓 Bolt M12x55	36	镀锌Zinc plating			

2	FM488A-01-2	橡胶垫 Rubber pad	3				
1	FM488A-01-1	升高座 Increased base	3				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计 Remarks	
							Fuxin Enclosed busbar Co.,Ltd
							与发电机连接结构
							connection structure and generator
							FM488A-01
mark design	unit	change number	sign	date	stage marker	weight ratio	
check craft			approve date		pages	page	

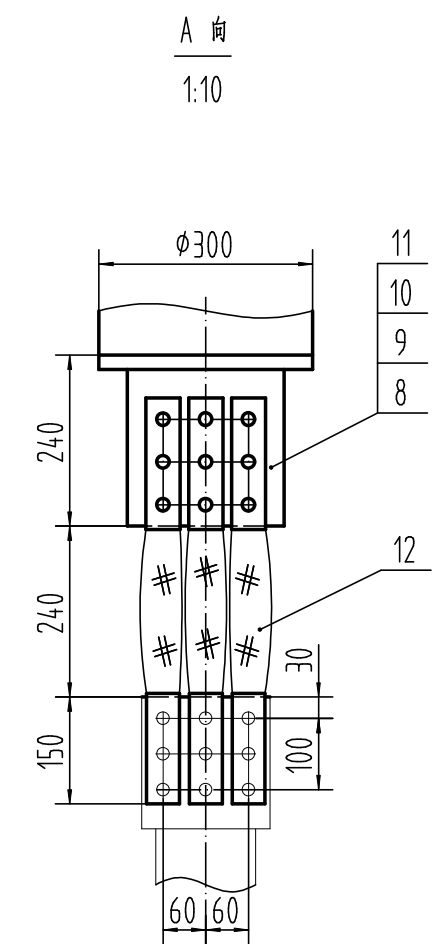
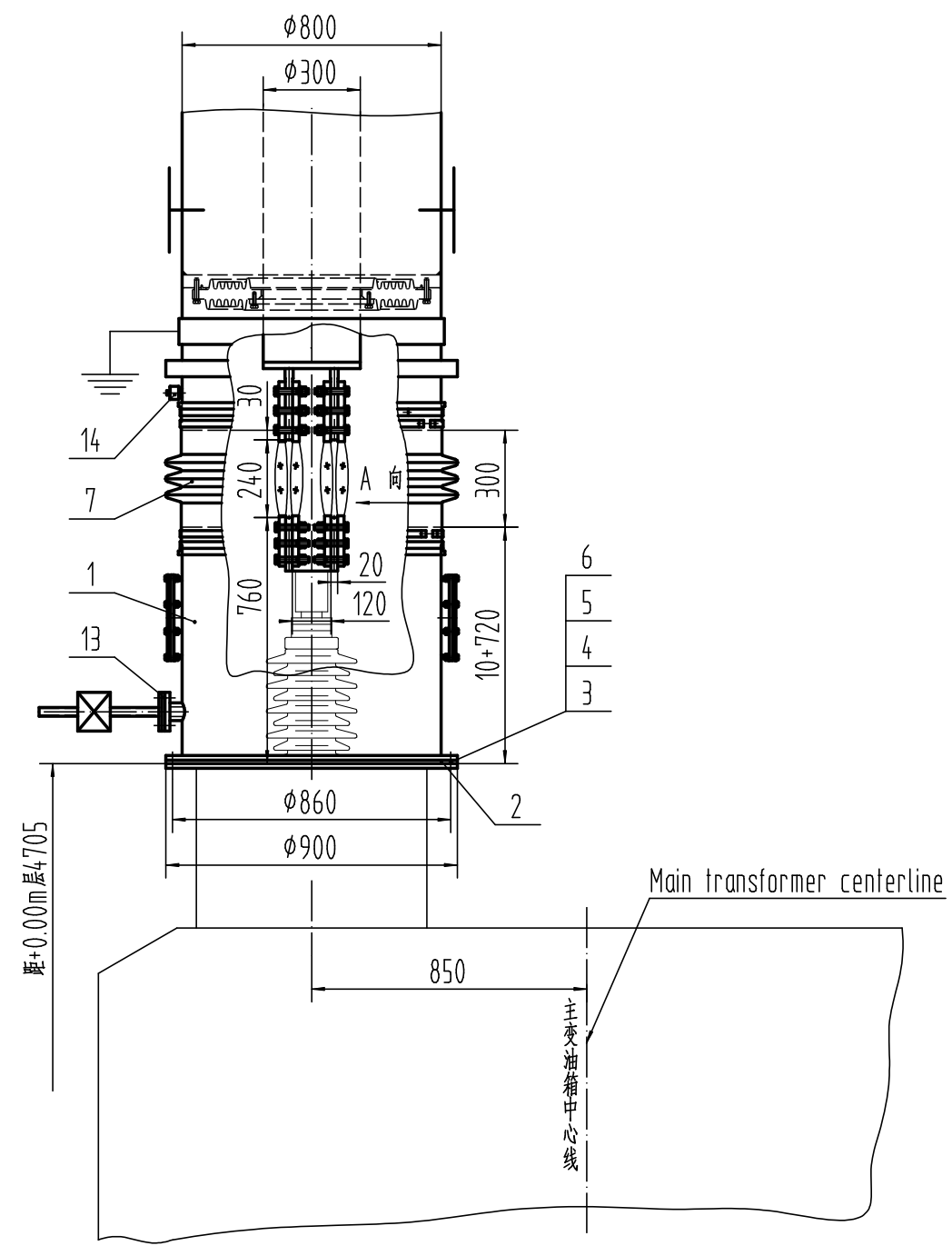


注：测温仪表箱现场临近选择合适位置固定安装，
测温探头现场安装在母线外壳的探头座上。
Note: the temperature measuring instrument box shall be fixed and installed near the site, and the temperature measuring probe shall be installed on the probe base of the bus shell.

3	FT2-79G-08	接线图 Wiring diagram	1				
2	FT2-79G	测温仪表箱 General assembly of temperature measuring box	1				
1	JCJ127-23-24	O型密封圈 Type O seal ring	2				内径φ23~24
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
mark	unit	change number	sign	date			
design		standard			stage marker	weight	ratio
check		approve					1:5
craft		date			pages	page	

Fuxin Enclosed busbar Co.,Ltd
远传测温装置接线示意图
Connection diagram of remote temperature measuring device
FM488A-01-6

FM488A-02

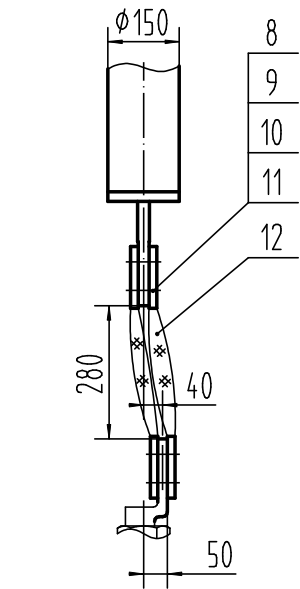
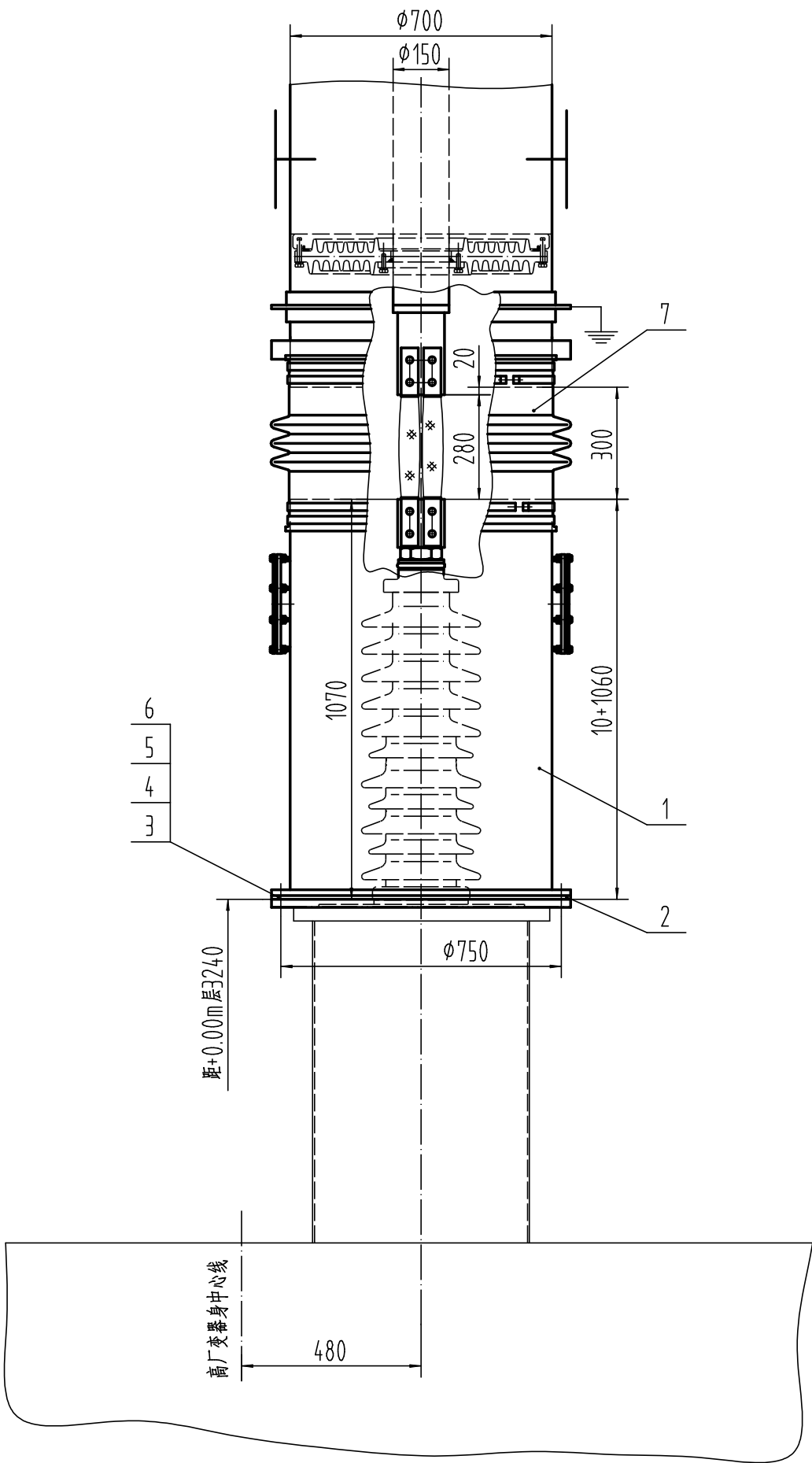


说明：远程测温装置安装在B相上。
Note: remote temperature measuring device is installed on phase B

14	FM488A-01-6	连接图 Connection diagram of remote temperature measuring device	1				
13	FT2-67	排水装置 Drainage device	1				
12	FM488A-02-3	铜编织线 Braided copper wire	12	S=560			L=595
11	GB93-87	弹垫 Spring washer 16	36	不锈钢Stainless steel			
10	GB97.1-85	垫圈 Washer 16	72	不锈钢Stainless steel			
9	GB6170-86	螺母 Nut M16	36	不锈钢Stainless steel			
8	GB5782-86	螺栓 Bolt M16x95	36	不锈钢Stainless steel			
7	FT1G-10L	橡胶波纹管装配 Rubber bellows assembly	1				

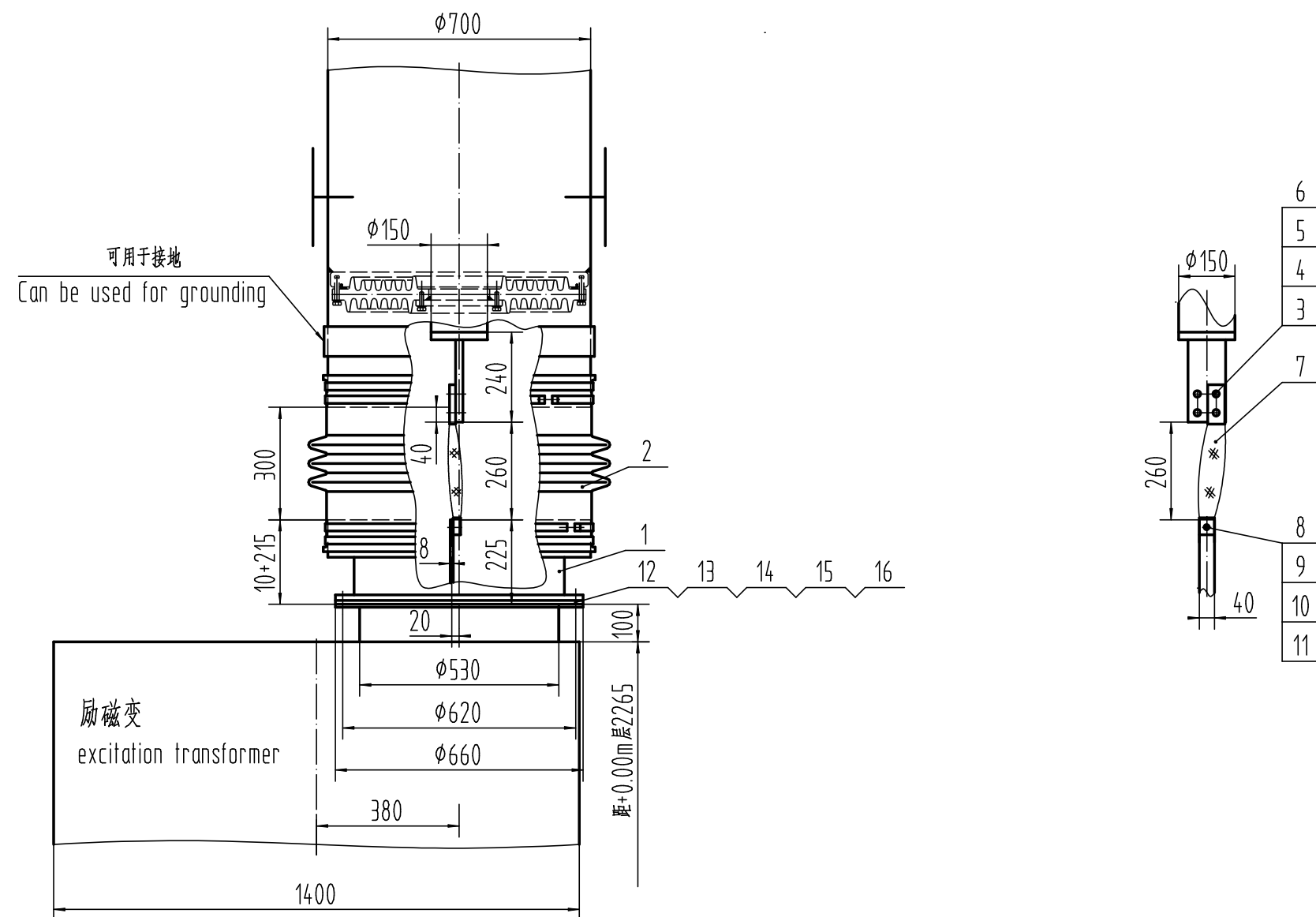
6	GB93-87	弹垫 Spring washer 12	24	镀锌Zinc plating			
5	GB97.1-85	垫圈 Washer 12	48	镀锌Zinc plating			
4	GB6170-86	螺母 Nut M12	24	镀锌Zinc plating			
3	GB5782-86	螺栓 Bolt M12x65	24	镀锌Zinc plating			
2	FM488A-02-2	橡胶垫 Rubber pad	1				
1	FM488A-02-1	升高座 Increased base	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计 重量 WT	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							与主变连接结构
mark	unit	change number	sign	date			connection structure and main transformer
design			standard		stage marker	weight	ratio
check			approve				1:20
craft			date		pages	page	FM488A-02

FM488A-03



12	FM488A-03-3	铜编织线 Braided copper wire	4	S=420			L=560
11	GB93-87	弹垫 Spring washer 16	8	不锈钢Stainless steel			
10	GB97.1-85	垫圈 Washer 16	16	不锈钢Stainless steel			
9	GB6170-86	螺母 Nut M16	8	不锈钢Stainless steel			
8	GB5782-86	螺栓 Bolt M16x85	8	不锈钢Stainless steel			
7	FT1G-10G	橡胶波纹管装配 Rubber bellows assembly	1				
6	GB93-87	弹垫 Spring washer 16	16	镀锌Zinc plating			
5	GB97.1-85	垫圈 Washer 16	32	镀锌Zinc plating			
4	GB6170-86	螺母 Nut M16	16	镀锌Zinc plating			
3	GB5782-86	螺栓 Bolt M16x85	16	镀锌Zinc plating			
2	FM488A-03-2	橡胶垫 Rubber pad	1				
1	FM488A-03-1	升高座 Increased base	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计 重量 WT	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							与高厂变连接结构
mark	unit	change number	sign	date			connection structure and high plant transformer
design			standard		stage marker	weight	ratio
check			approve				1:15
craft			date		pages	page	FM488A-03

70-V887WJ

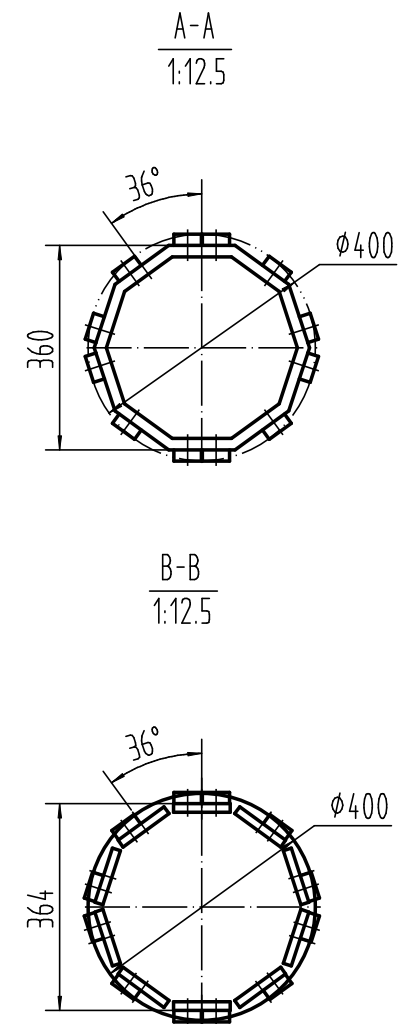
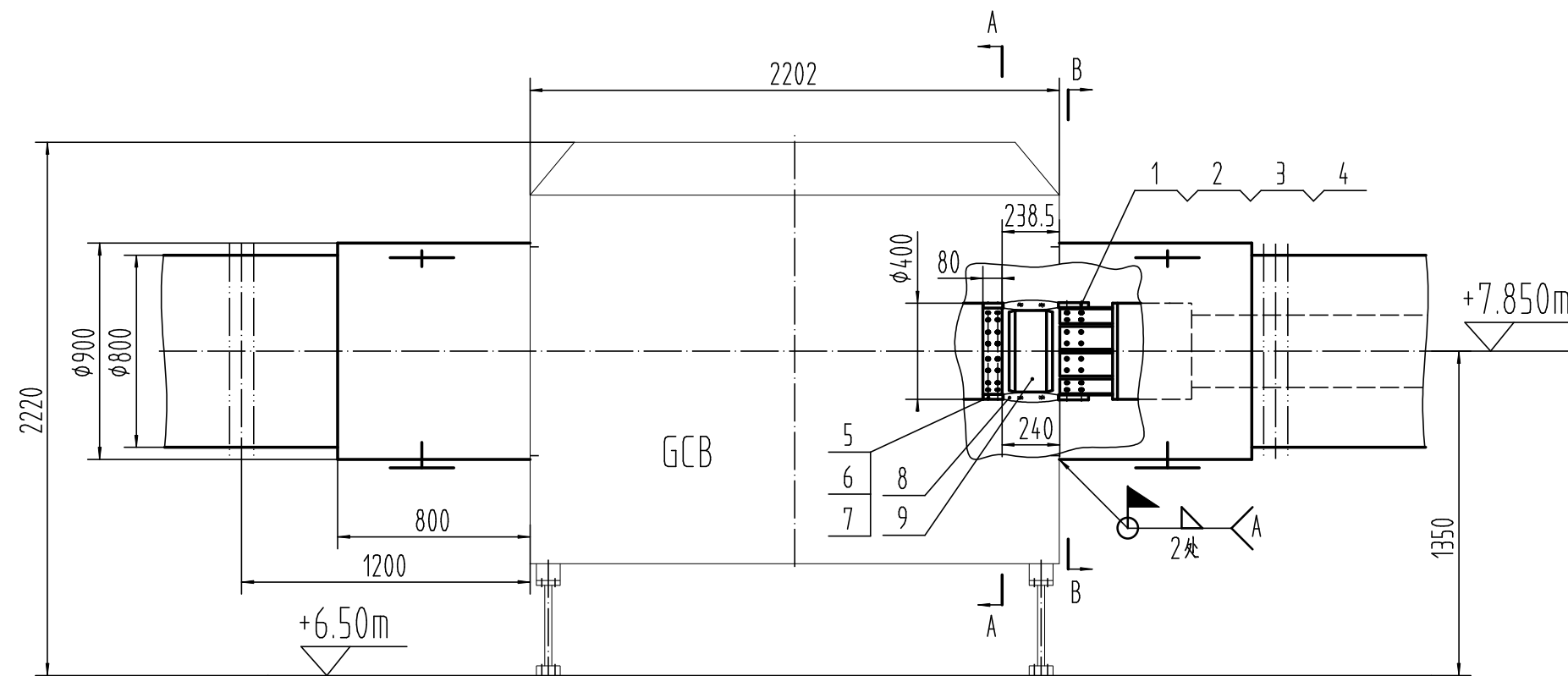


16	GB93-87	弹垫 Spring washer 12	24	镀锌Zinc plating			
15	GB97.1-85	垫圈 Washer 12	24	镀锌Zinc plating			
14	GB6170-86	螺母 Nut M12	24	镀锌Zinc plating			
13	GB5782-86	螺栓 Bolt M12x60	24	镀锌Zinc plating			
12	FM488A-04-3	橡胶垫 Rubber pad	1				
11	GB93-87	弹垫 Spring washer 12	1	不锈钢Stainless steel			
10	GB97.1-85	垫圈 Washer 12	1	不锈钢Stainless steel			
9	GB6170-86	螺母 Nut M12	1	不锈钢Stainless steel			
8	GB5782-86	螺栓 Bolt M12x55	1	不锈钢Stainless steel			
7	FM488A-04-2	铜编织线 Braided copper wire	1	S=420		L=425	
6	GB93-87	弹垫 Spring washer 16	2	不锈钢Stainless steel			

5	GB97.1-85	垫圈 Washer 16	4	不锈钢Stainless steel			
4	GB6170-86	螺母 Nut M16	2	不锈钢Stainless steel			
3	GB5782-86	螺栓 Bolt M16x65	2	不锈钢Stainless steel			
2	FT1G-10G	橡胶波纹管装配Rubber bellows assembly	1				
1	FM488A-04-1	升高座 Increased base	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							与励磁变连接结构 connection structure and excitation transformer
mark	unit	change number	sign	date	stage marker	weight	ratio
design			standard				1:15
check			approve				
craft			date		pages	page	

FM488A-04

FM488A-05



9	FM488A-05-2	支撑环 Support ring	2				
8	FM488A-05-1	铜编织线 Braided copper wire	24	S=560			L=465
7	GB93-87	弹垫 Spring washer 12	48	不锈钢			
6	GB97.1-85	垫圈 Washer 12	48	不锈钢			
5	GB5782-86	螺栓 Bolt M12x45	48	不锈钢			
4	GB93-87	弹垫 Spring washer 16	48	不锈钢			
3	GB97.1-85	垫圈 Washer 16	96	不锈钢			
2	GB6170-86	螺母 Nut M16	48	不锈钢			

1	GB5782-86	螺栓 Bolt M16x65	48	不锈钢			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计	备注 Remarks
					重量 WT		
					Fuxin Enclosed busbar Co.,Ltd 与断路器连接结构 Connection structure and GCB FM488A-05		
mark	unit	change number	sign	date			
design		standard			stage marker	weight	ratio
check		approve					1:25
craft		date			pages	page	

[illegible]

11	FT1G-10L	橡胶波纹管装配 Rubber bellows assembly	1			
10	FM488A-06-2	铜编织线 Braided copper wire	16	S=420		L=505
9	FM488A-06-1	散连接板 Flexible connecting plate	16	100x10		L=530
8	GB93-87	弹垫 Spring washer 16	128	镀锌 Zinc plating		
7	GB97.1-85	垫圈 Washer 16	256	镀锌 Zinc plating		
6	GB6170-86	螺母 Nut M16	128	镀锌 Zinc plating		
5	GB5782-86	螺栓 Bolt M16x50	128	镀锌 Zinc plating		
4	GB93-87	弹垫 Spring washer 16	32	不锈钢 Stainless steel		
3	GB97.1-85	垫圈 Washer 16	64	不锈钢 Stainless steel		

2	GB6170-86	螺母 Nut M16	32	不锈钢Stainless steel			
1	GB5782-86	螺栓 Bolt M16x85	32	不锈钢Stainless steel			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计 重量 WT	备注 Remarks
mark	unit	change number	sign	date			
design		standard			stage marker		
check		approve					
craft		date			pages	page	
							Fuxin Enclosed busbar Co.,Ltd
							可拆连接结构
							Detachable connection structure
							FM488A-06

Technical drawing of a three-wheeled vehicle chassis, showing top and side views with dimensions and labels.

Top View Dimensions:

- Overall width: 1200
- Wheel diameter: $\phi 800$
- Inner circle diameter: $\phi 300$
- Distance between wheel centers: 1200

Side View Dimensions:

- Overall height: 610
- Distance from ground to top of chassis: 575
- Distance from wheel center to top of chassis: 575

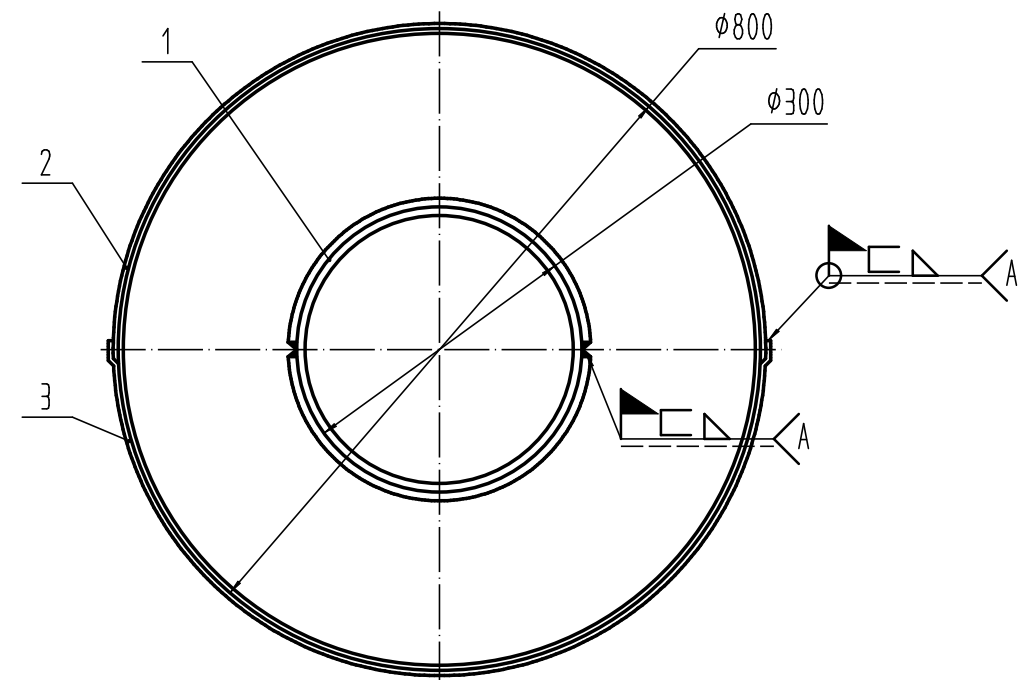
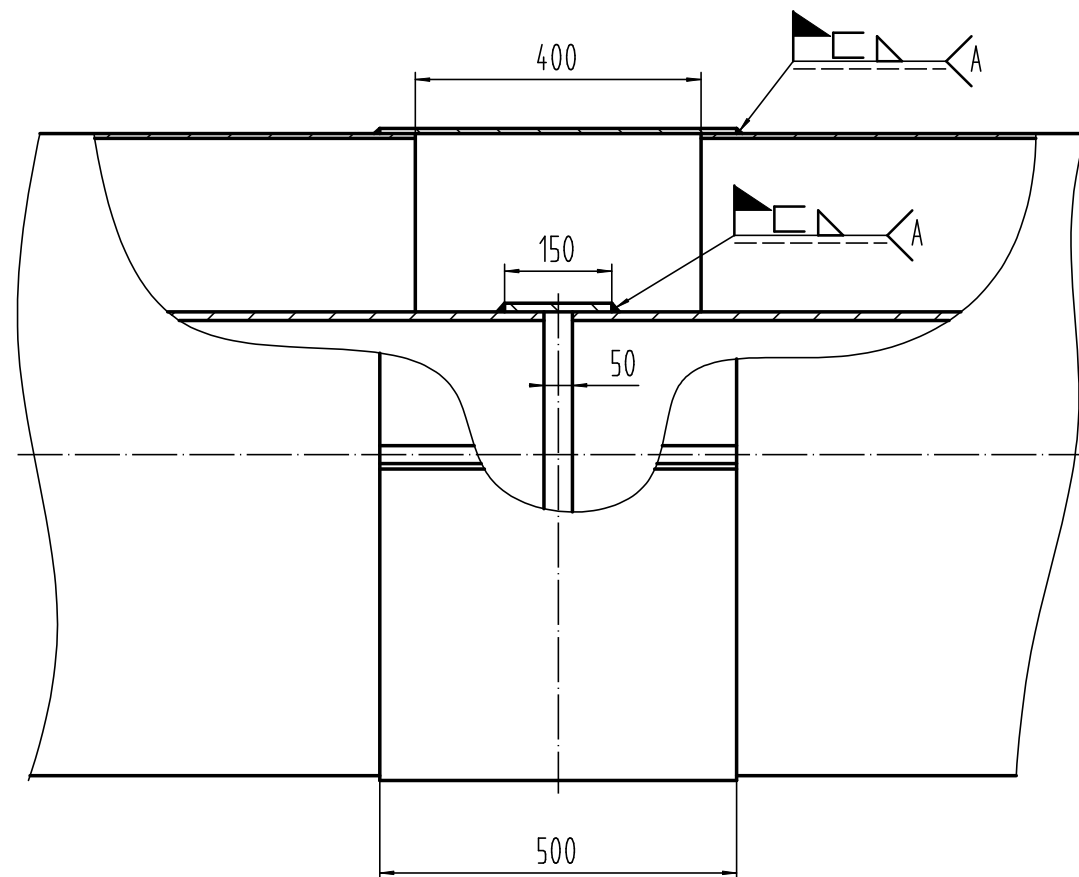
Labels and Callouts:

- 1: Main chassis frame
- 2: Front suspension assembly
- 3: Rear suspension assembly
- 4: Rear wheel hub
- 5: Rear wheel rim
- 6: Rear wheel tire
- 7: Rear wheel axle
- 8: Rear wheel hub
- 9: Rear wheel rim

9	GB97.1-85	垫圈 Washer 12	24	不锈钢Stainless steel			
8	GB6170-86	螺母 Nut M12	12	不锈钢Stainless steel			
7	GB5782-86	螺栓 Bolt M12x70	12	不锈钢Stainless steel			
6	GB97.1-85	垫圈 Washer 16	96	不锈钢Stainless steel			
5	GB6170-86	螺母 Nut M16	48	不锈钢Stainless steel			
4	GB5782-86	螺栓 Bolt M16x70	48	不锈钢Stainless steel			
3	FT2-33-4	软连接接头Flexible connect	12				

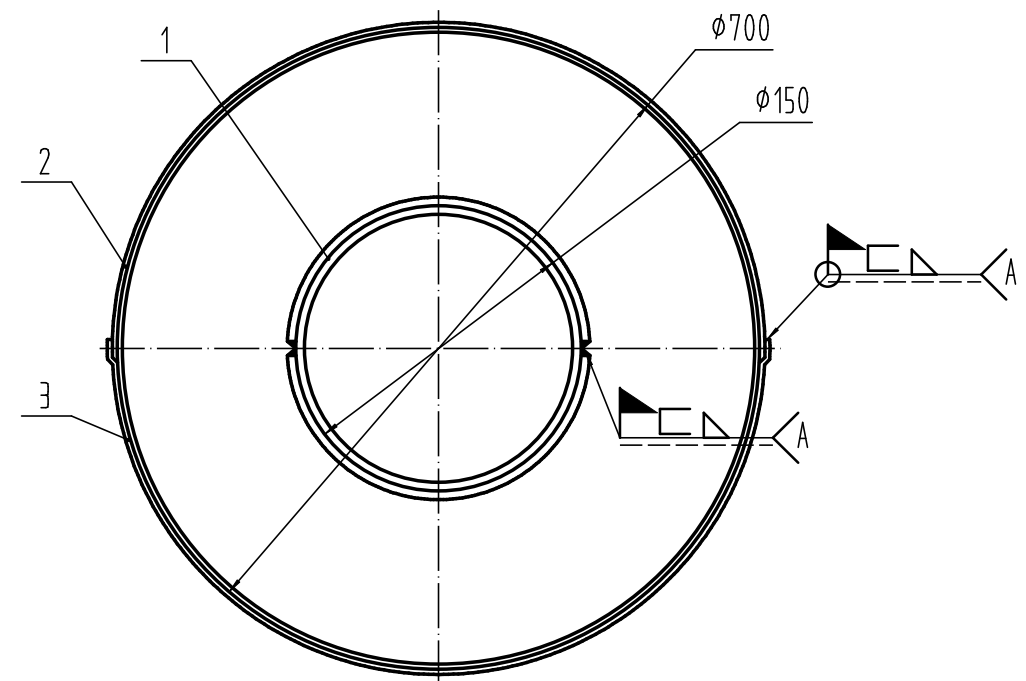
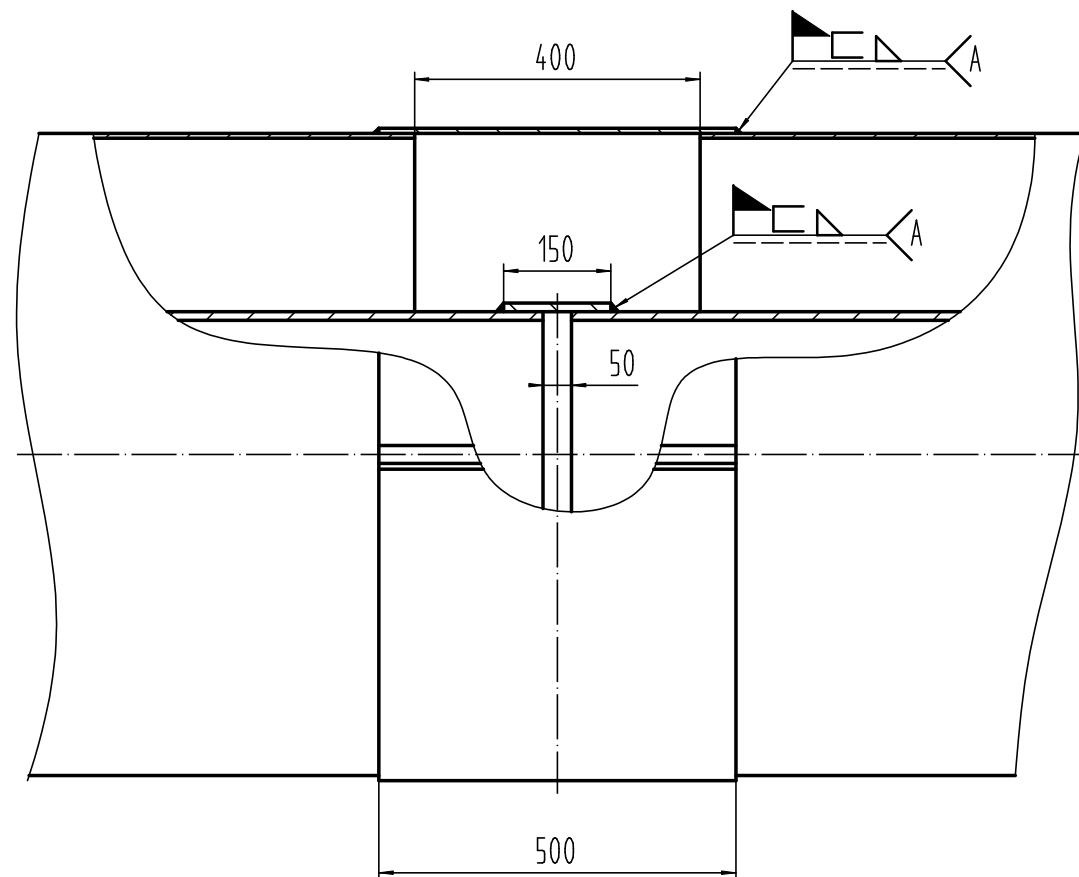
2	FT2-33-2A	AC相短路连接板AC-phase short circuit connection board				2				
1	FT2-33-1A	B相短路连接板B-phase short circuit connection board				1				
序号 No.	代号 Doc.No	名称 Drawing name				数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
						Fuxin Enclosed busbar Co.,Ltd				
mark	unit	change number	sign	date	发电机短路试验装置 The generator short circuit test device					
design		standard			stage marker		weight	ratio	FM488A-07	
check		approve						1:10		
craft		date			pages	page				

FM488A-26



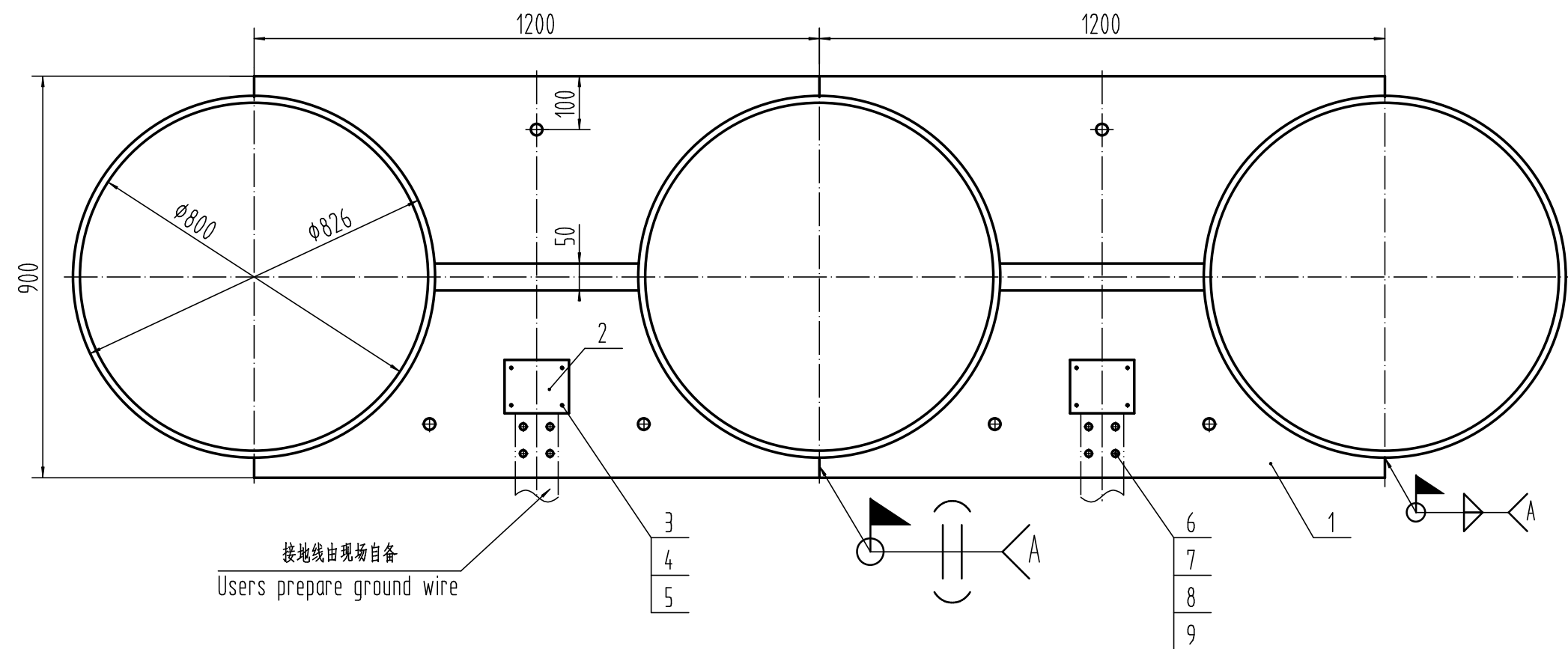
3	FM488A-26-3	外壳下抱瓦Shell holding tile (below)	1				
2	FM488A-26-2	外壳上抱瓦Shell holding tile (on)	1				
1	FM488A-26-1	导体抱瓦Conductor holding tile	2				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计	备注
					重量 WT		Remarks
mark	unit	change number	sign	date			
design			standard		stage marker	weight	ratio
check			approve				1:10
craft			date		pages	page	
							Fuxin Enclosed busbar Co.,Ltd
							(主)母线硬连接结构
							main) bus bar connection structure
							FM488A-26

FM488A-27



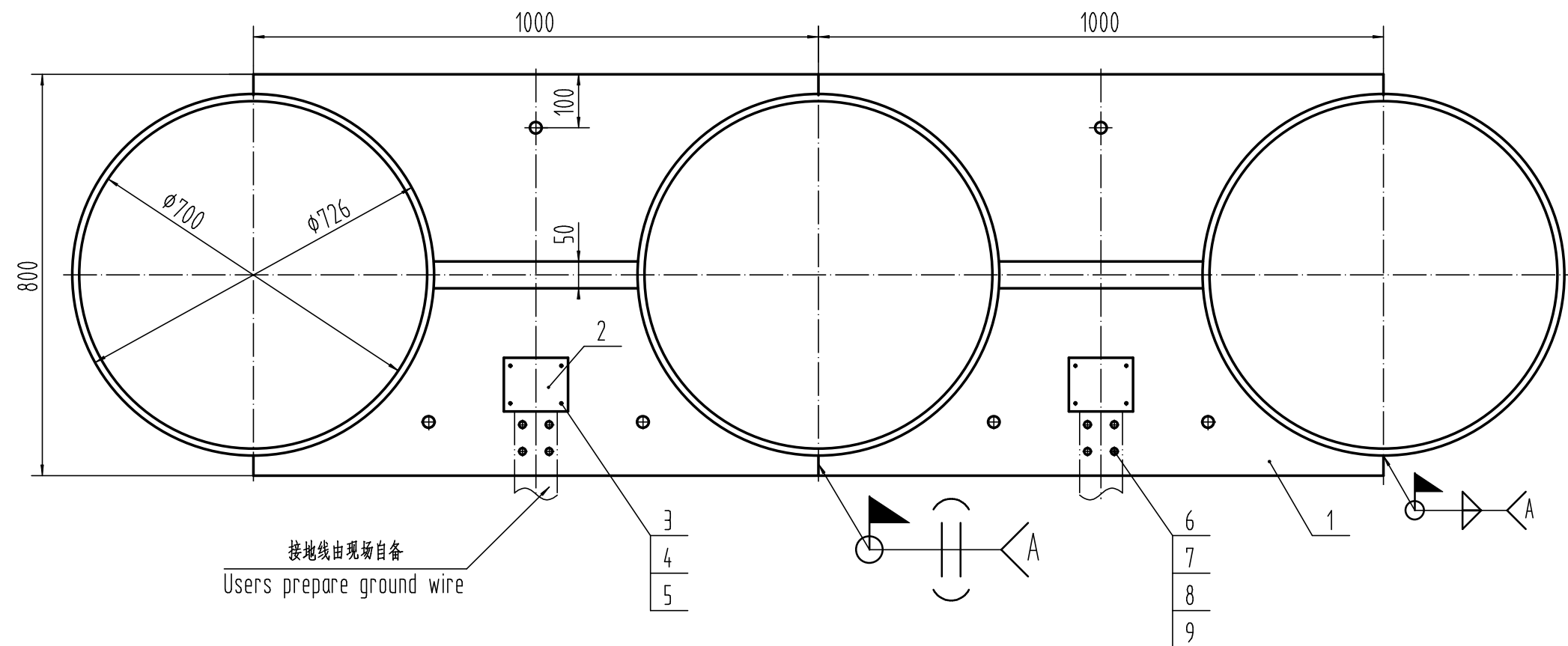
3	FT1-56-3-3	外壳下抱瓦Shell holding tile (below)	1				
2	FT1-56-2-3	外壳上抱瓦Shell holding tile (on)	1				
1	FT1-56-1-2	导体抱瓦Conductor holding tile	2				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							(分支)母线硬连接结构
mark	unit	change number	sign	date			Branch) bus bar connection structure
design		standard			stage marker	weight	ratio
check		approve					1:10
craft		date			pages	page	FM488A-27

FM488A-28



9	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
8	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
7	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
6	GB5782-86	螺栓 Bolt M12x50	4	镀锌Zinc plating			
5	GB93-87	弹垫 Spring Washer 5	4	镀锌Zinc plating			
4	GB97.1-85	垫圈 Washer 5	4	镀锌Zinc plating			
3	GB67-85	螺钉 Screw M5x10	4	镀锌Zinc plating			

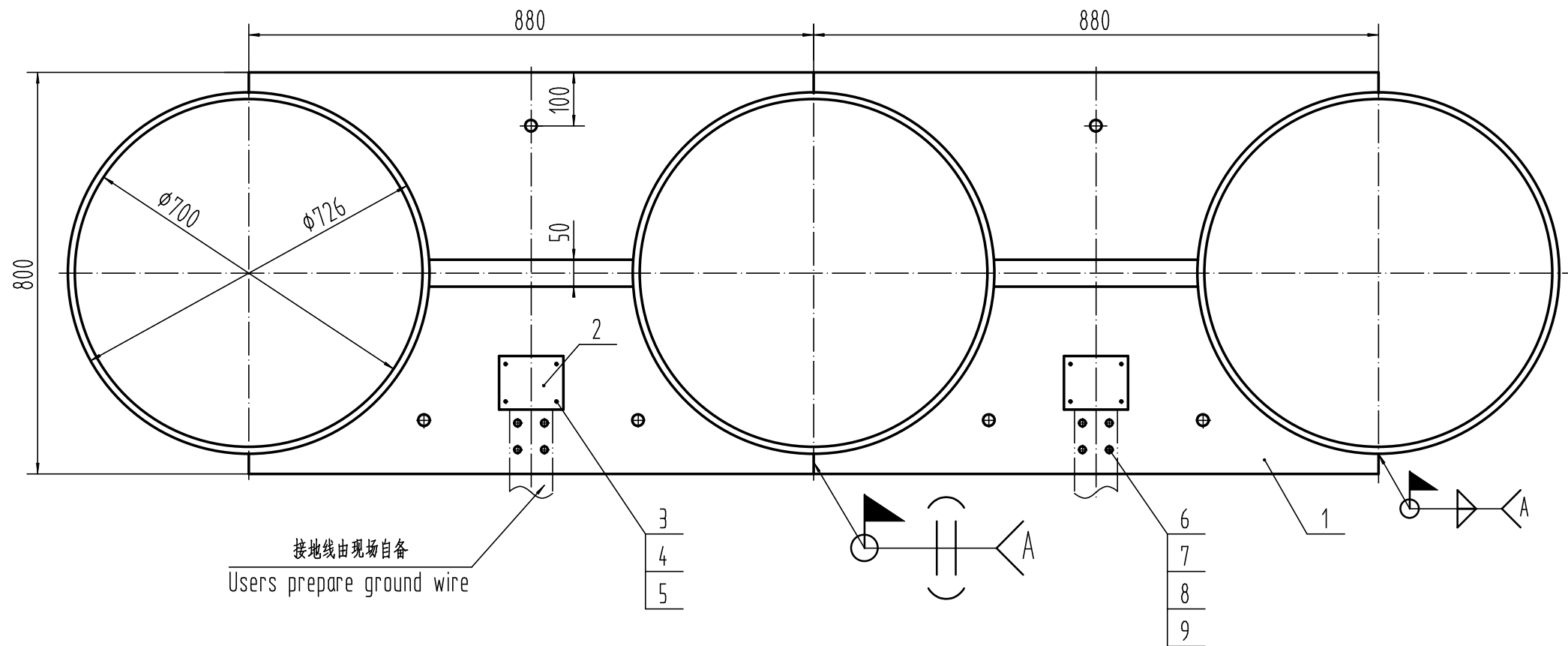
2	FT1-13	接地牌 Grounding card	1				
1	FM492A-35-1	短路板 Short circuit board	2				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,ltd
							(主变)短路板装配结构
							MT short circuit board assembly structure
							FM488A-28
mark	unit	change number	sign	date	stage marker	weight	ratio
design			standard				1:10
check			approve				
craft			date		pages	page	



9	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
8	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
7	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
6	GB5782-86	螺栓 Bolt M12x50	4	镀锌Zinc plating			
5	GB93-87	弹垫 Spring Washer 5	4	镀锌Zinc plating			
4	GB97.1-85	垫圈 Washer 5	4	镀锌Zinc plating			
3	GB67-85	螺钉 Screw M5x10	4	镀锌Zinc plating			

2	FT1-13	接地牌 Grounding card	1				
1	FT1-23-1-3	短路板 Short circuit board	2				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							(高厂变)短路板装配结构
							HPT short circuit board assembly structure
							FM488A-29
mark	unit	change number	sign	date			
design			standard		stage marker	weight	ratio
check			approve				1:10
craft			date		pages	page	

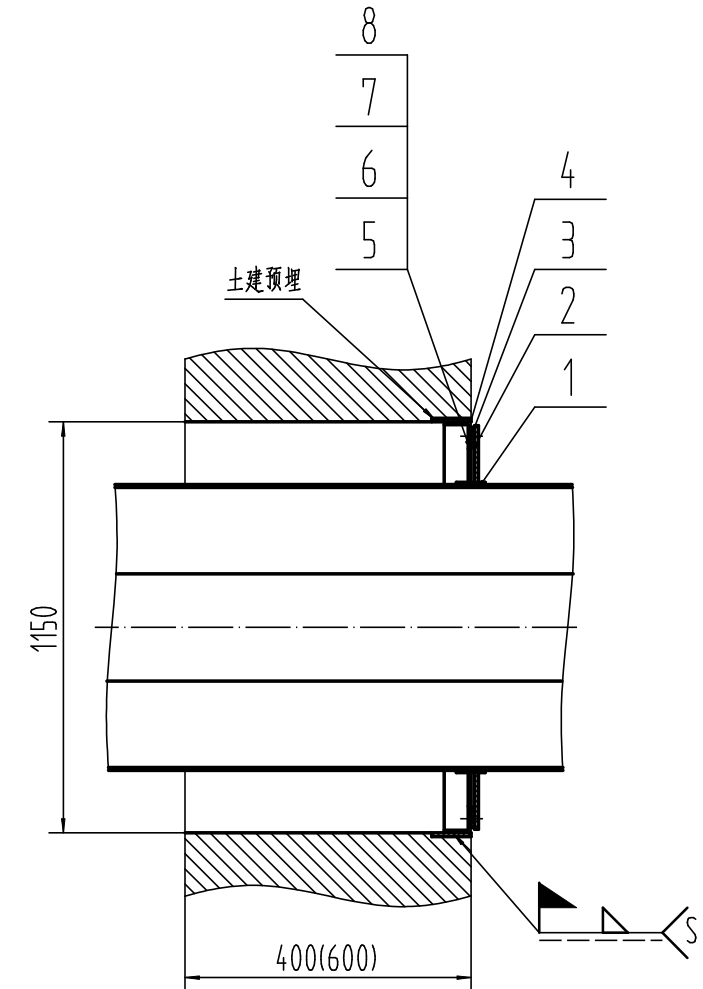
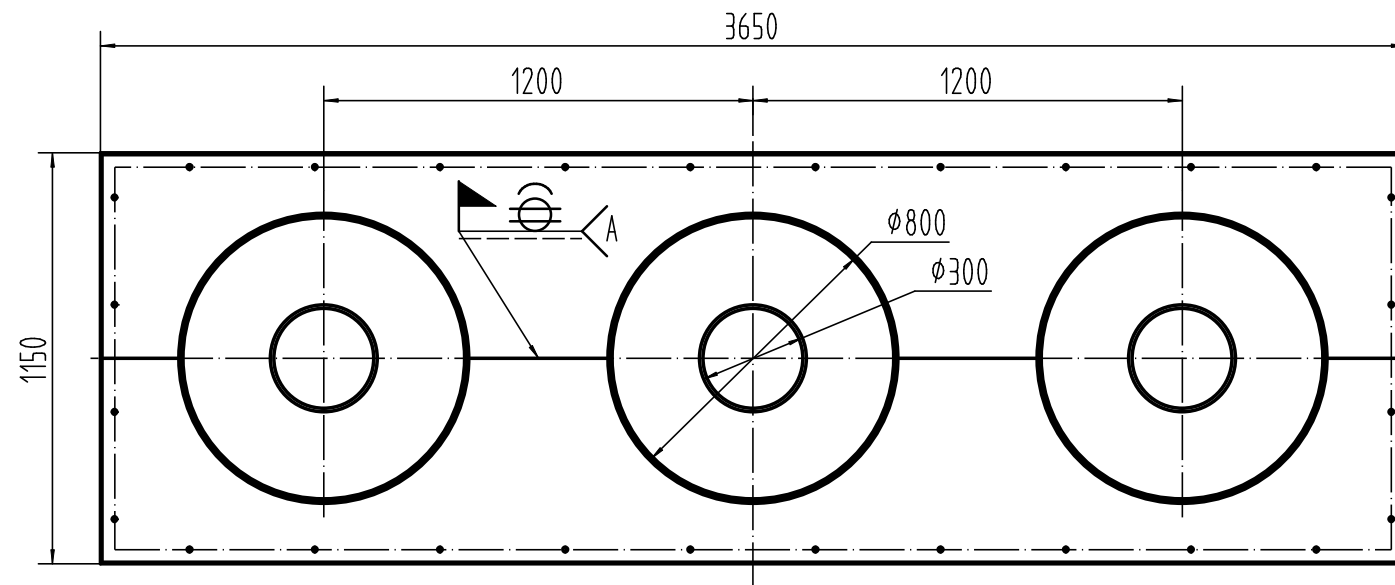
FM488A-30



9	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
8	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
7	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
6	GB5782-86	螺栓 Bolt M12x50	4	镀锌Zinc plating			
5	GB93-87	弹垫 Spring Washer 5	4	镀锌Zinc plating			
4	GB97.1-85	垫圈 Washer 5	4	镀锌Zinc plating			
3	GB67-85	螺钉 Screw M5x10	4	镀锌Zinc plating			

2	FT1-13	接地牌 Grounding card				1				
1	FM488A-30-1	短路板 Short circuit board				2				
序号 No.	代号 Doc.No	名称 Drawing name				数量 Qty	材料 Material	单件	总计	备注 Remarks
								重量 WT		
						Fuxin Enclosed busbar Co.,Ltd (附磁变)短路板装配结构				
mark	unit	change number	sign	date	TS short circuit board assembly structure					
design		standard			stage marker		weight	ratio	FM488A-30	
check		approve						1:10		
craft		date			pages		page			

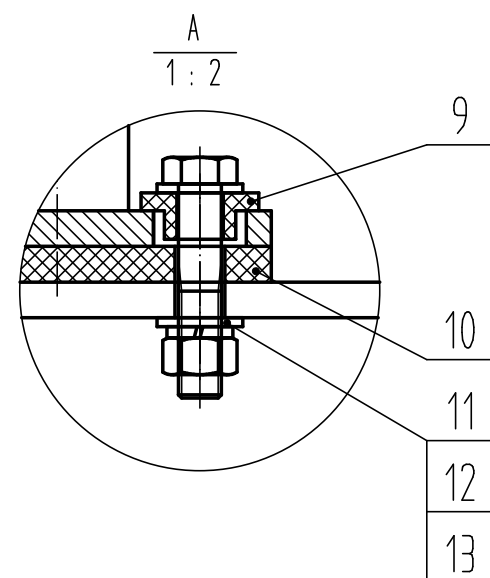
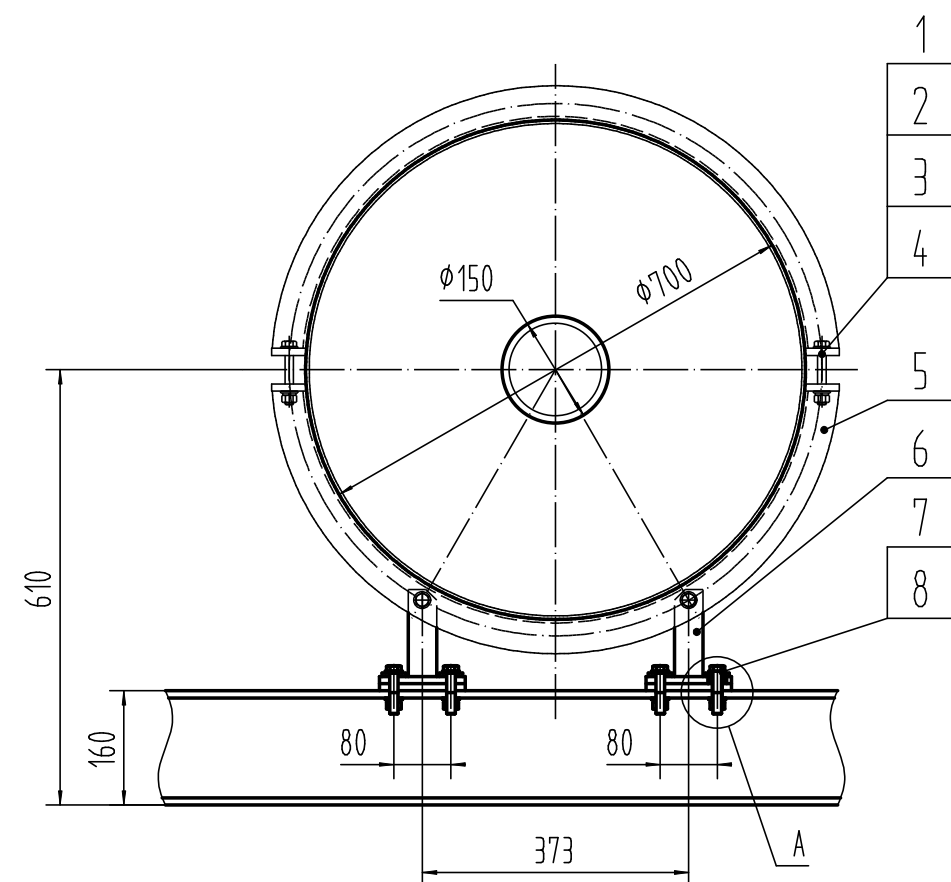
FM488A-31



8	GB93-87	弹垫 Spring Washer 12	28	镀锌 Zinc plating			
7	GB97.1-85	垫圈 Washer 12	56	镀锌 Zinc plating			
6	GB6170-86	螺母 Nut M12	28	镀锌 Zinc plating			
5	GB5782-86	螺栓 Bolt M12x50	28	镀锌 Zinc plating			
4	FM488A-31-3	穿墙框架 Wall frame	1				
3	FM488A-31-2	密封垫 Sealing gasket	1				

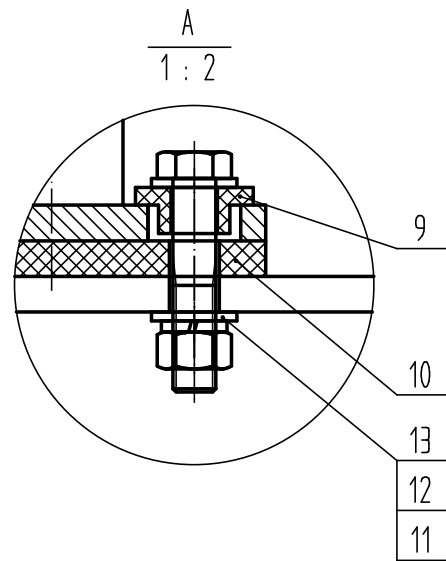
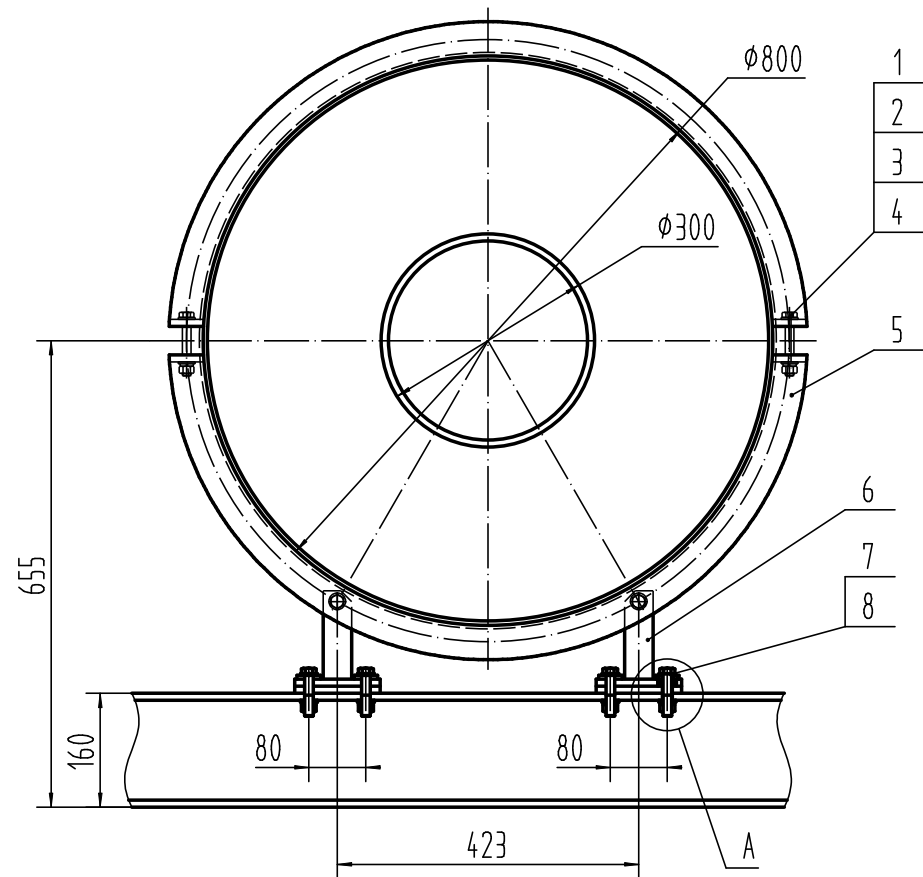
2	FM488A-31-1	穿墙隔板 Wall separator		1					
1	FT1-18-1-5	密封环 Seal ring		3					L=2500
序号 No.	代号 Doc.No	名称 Drawing name		数量 Qty	材料 Material	单件	总计	备注 Remarks	
						重量 WT			
					Fuxin Enclosed busbar Co.,ltd				
mark	unit	change number	sign	date	穿墙结构 Wall through structure				
design		standard							
check		approve			FM488A-31				
craft		date							
				pages	page				

FM488A-32



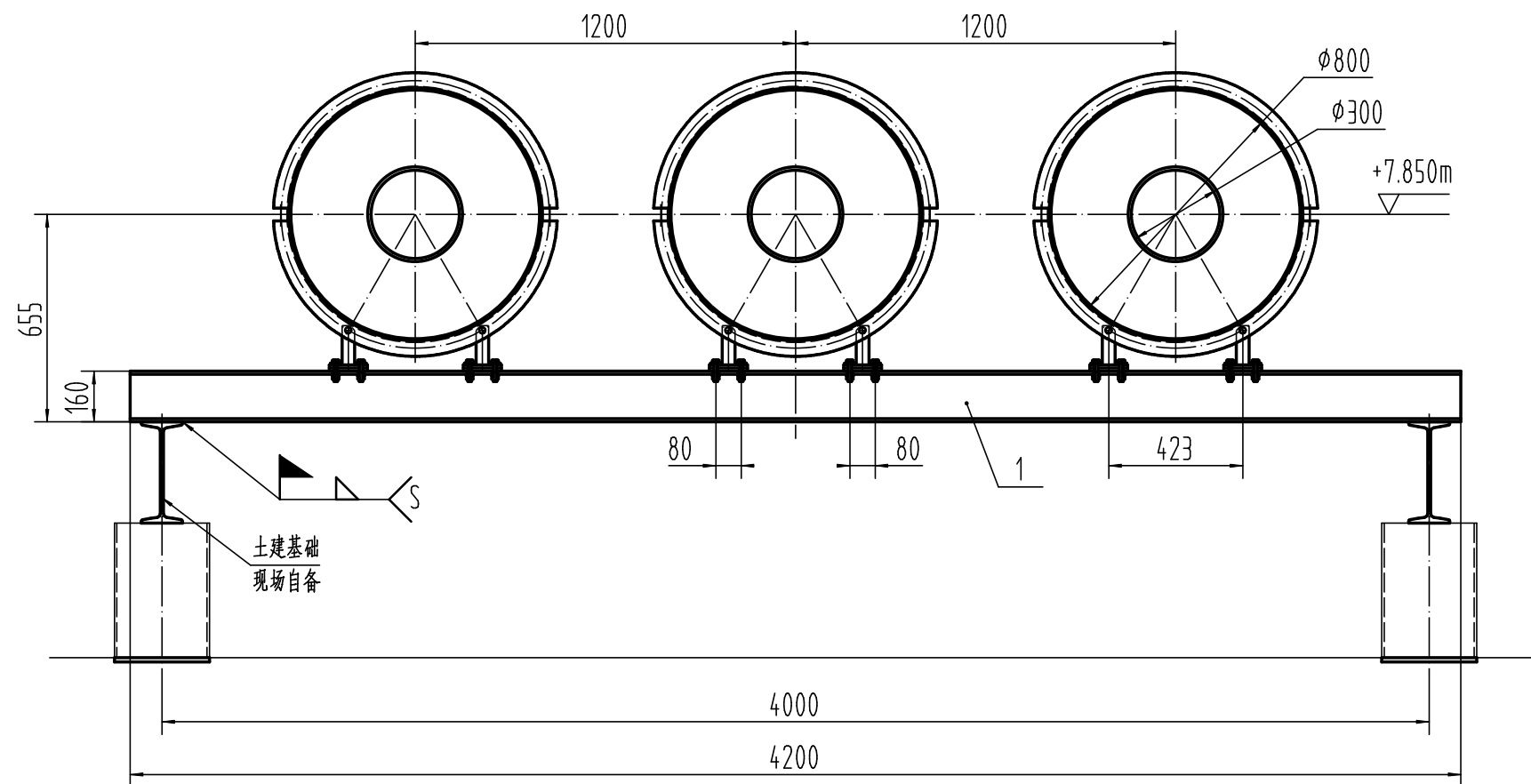
13	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
12	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
11	GB853-88	方斜垫圈 Square taper washer 12	4	镀锌Zinc plating			
10	FM488A-32-2	绝缘垫 Insulating pad	2				
9	FM488A-32-3	绝缘护套 Insulating sheath	4				
8	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
7	GB5782-86	螺栓 Bolt M12x60	4	镀锌Zinc plating			
6	FM488A-32-1	支架结构 Bracket structure	2				
5	FT1-11-3-2	抱箍 Steel hoop	2				
4	GB93-87	弹垫 Spring Washer 12	4	不锈钢Stainless steel			
3	GB97.1-85	垫圈 Washer 12	8	不锈钢Stainless steel			
2	GB6170-86	螺母 Nut M12	4	不锈钢Stainless steel			
1	GB5782-86	螺栓 Bolt M12x80	4	不锈钢Stainless steel			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							分支母线外壳支持结构
mark	unit	change number	sign	date			branch bus bar shell support structure
design			standard		stage marker	weight	ratio
check			approve				1:10
craft			date		pages	page	FM488A-32

FM488A-33



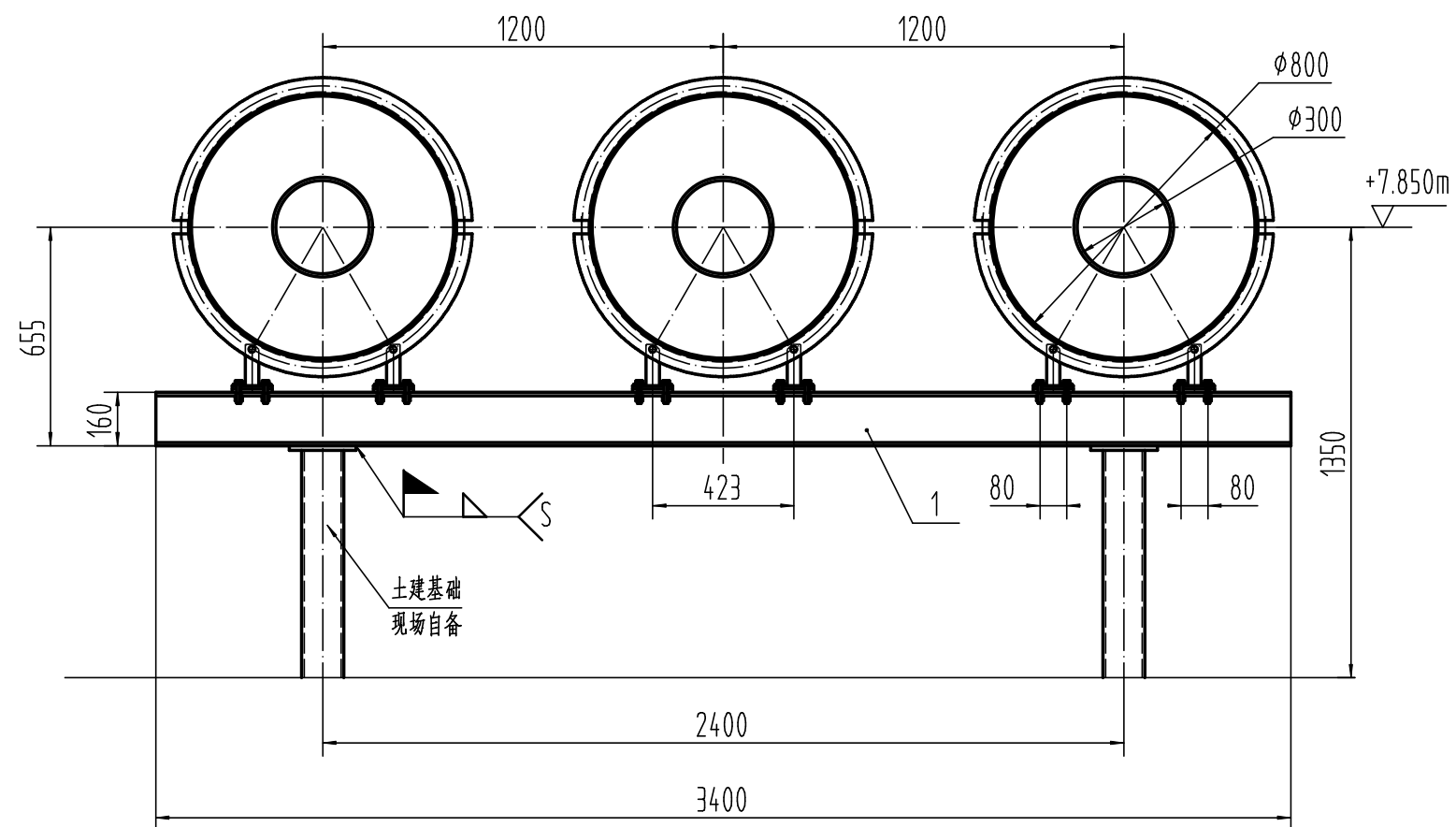
13	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
12	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
11	GB853-88	方斜垫圈 Square taper washer 12	4	镀锌Zinc plating			
10	FM488A-32-2	绝缘垫 Insulating pad	2				
9	FM488A-32-3	绝缘护套 Insulating sheath	4				
8	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
7	GB5782-86	螺栓 Bolt M12x60	4	镀锌Zinc plating			
6	FM488A-32-1	支架结构 Bracket structure	2				
5	FT1-11-3-11	抱箍 Steel hoop	2				
4	GB93-87	弹垫 Spring Washer12	4	不锈钢Stainless steel			
3	GB97.1-85	垫圈 Washer 12	8	不锈钢Stainless steel			
2	GB6170-86	螺母 Nut M12	4	不锈钢Stainless steel			
1	GB5782-86	螺栓 Bolt M12x80	4	不锈钢Stainless steel			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							主母线外壳支持结构
mark	unit	change number	sign	date			main bus bar shell support structure
design			standard		stage marker	weight	ratio
check			approve				1:10
craft			date		pages	page	FM488A-33

FM488A-34



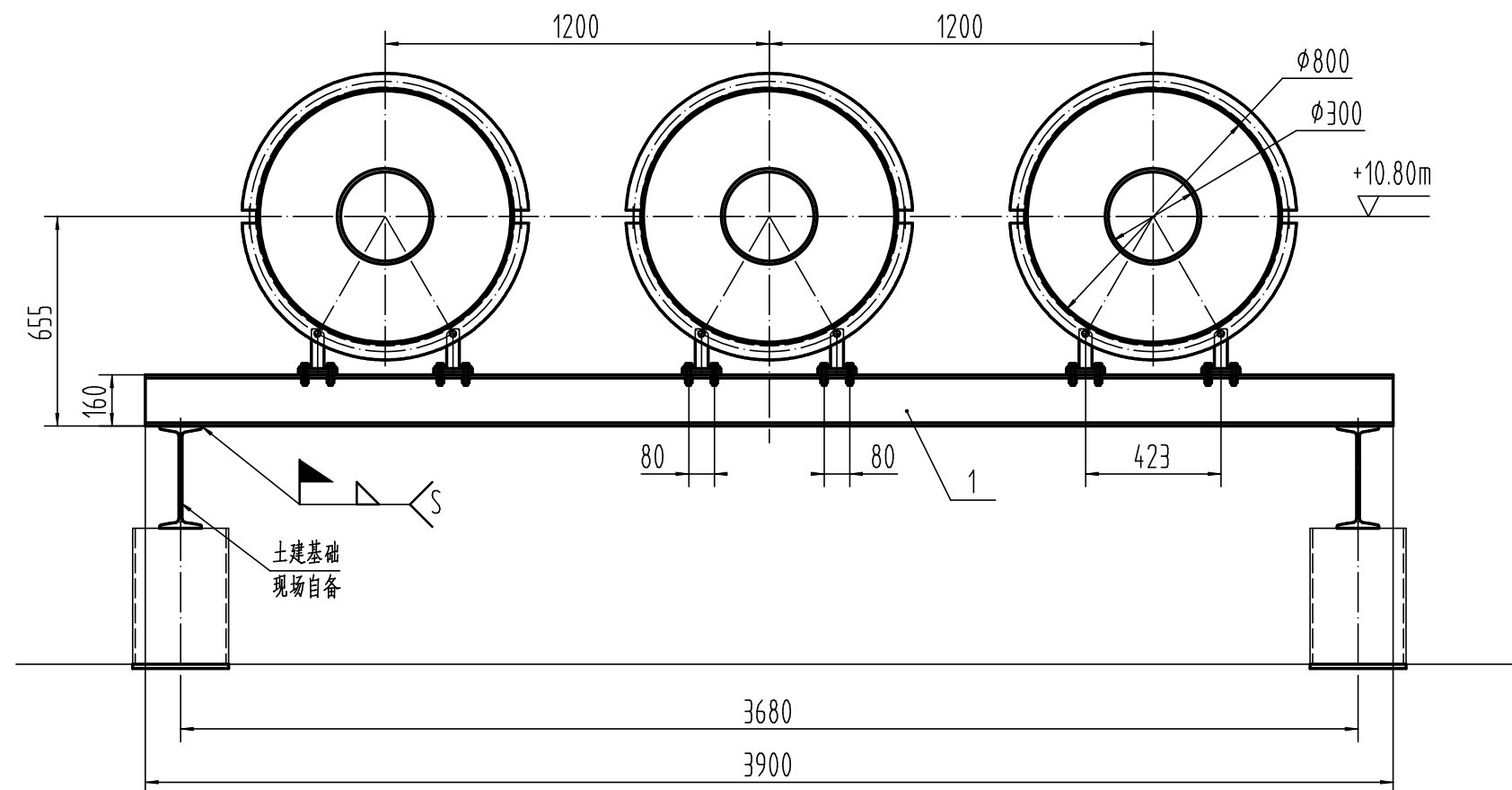
1	FM488A-34-1	支持钢梁 Support beam			1						
序号 No.	代号 Doc.No	名称 Drawing name			数量 Qty	材料 Material		单件	总计	备注 Remarks	
								重量 WT			
								Fuxin Enclosed busbar Co.,Ltd			
mark	unit	change number	sign	date				户外三相支持结构			
design		standard			stage marker		weight	ratio	Outdoor three-phase support structure		
check		approve						1:20			
craft		date			pages	page					
FM488A-34											

SE-V887WJ



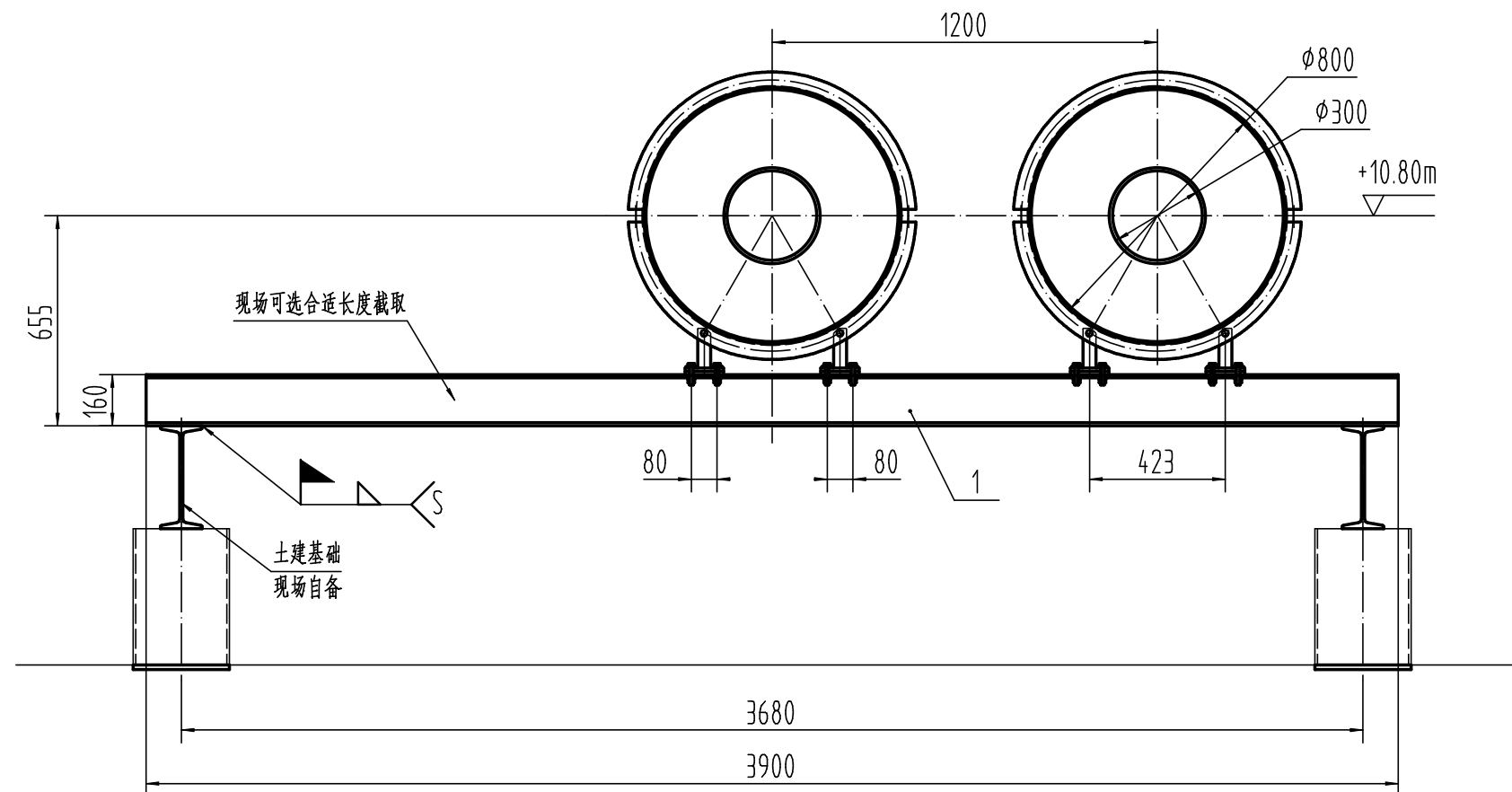
1	FM488A-35-1	支持钢梁 Support beam	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,ltd
							户内三相支持结构
mark	unit	change number	sign	date			ndoor three-phase support structure
design		standard			stage marker	weight	ratio
check		approve					1:20
craft		date			pages	page	FM488A-35

FM488A-36



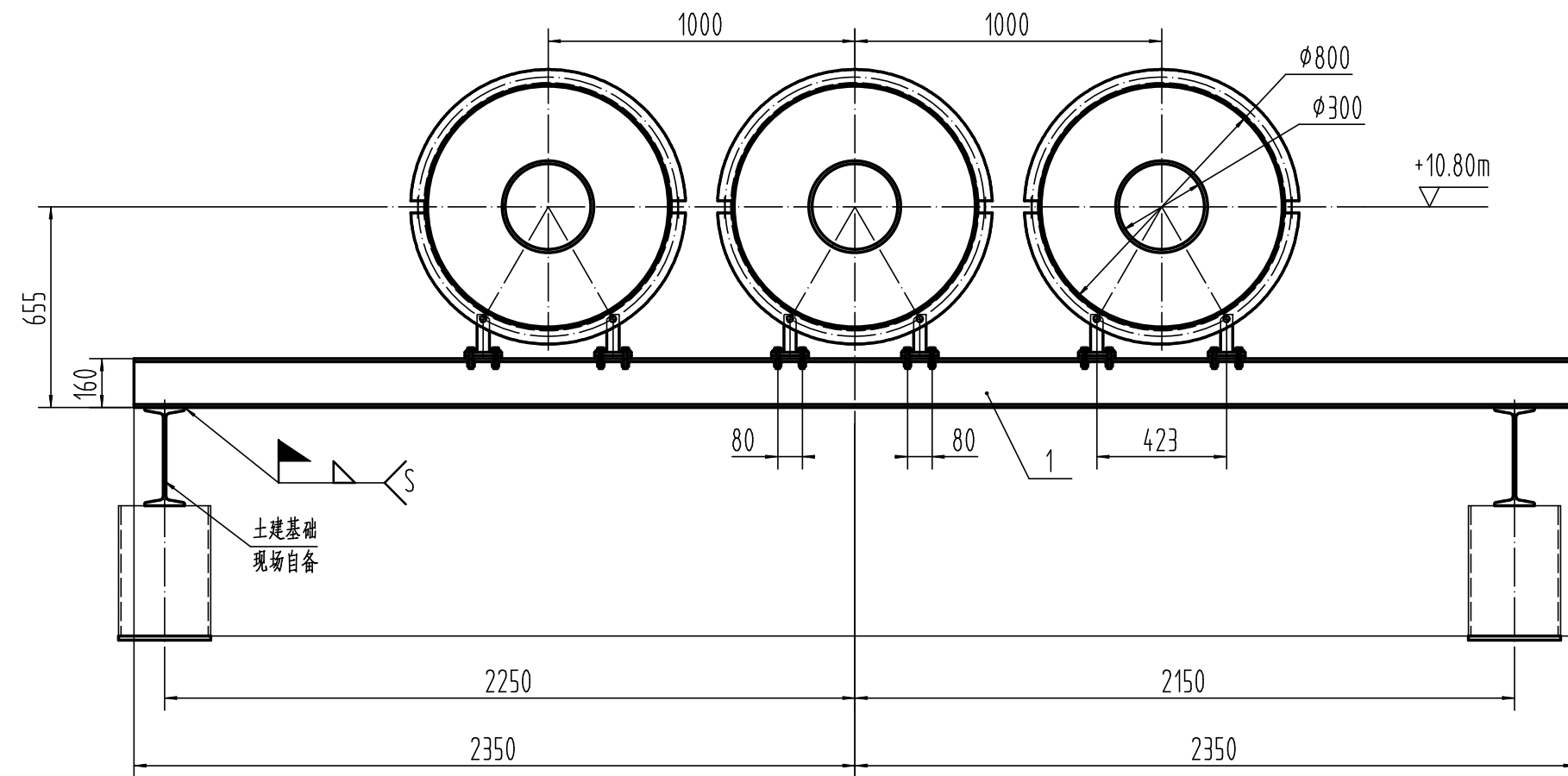
1	FM488A-36-1	支持钢梁 Support beam				1						
序号 No.	代号 Doc.No	名称 Drawing name				数量 Qty	材料 Material		单件	总计	备注 Remarks	
									重量 WT			
						Fuxin Enclosed busbar Co.,Ltd						
mark	unit	change number	sign	date				户内三相支持结构				
design			standard		stage marker		weight	ratio	indoor three-phase support structure			
check			approve					1:20				
craft			date		pages		page					
FM488A-36												

FM488A-37



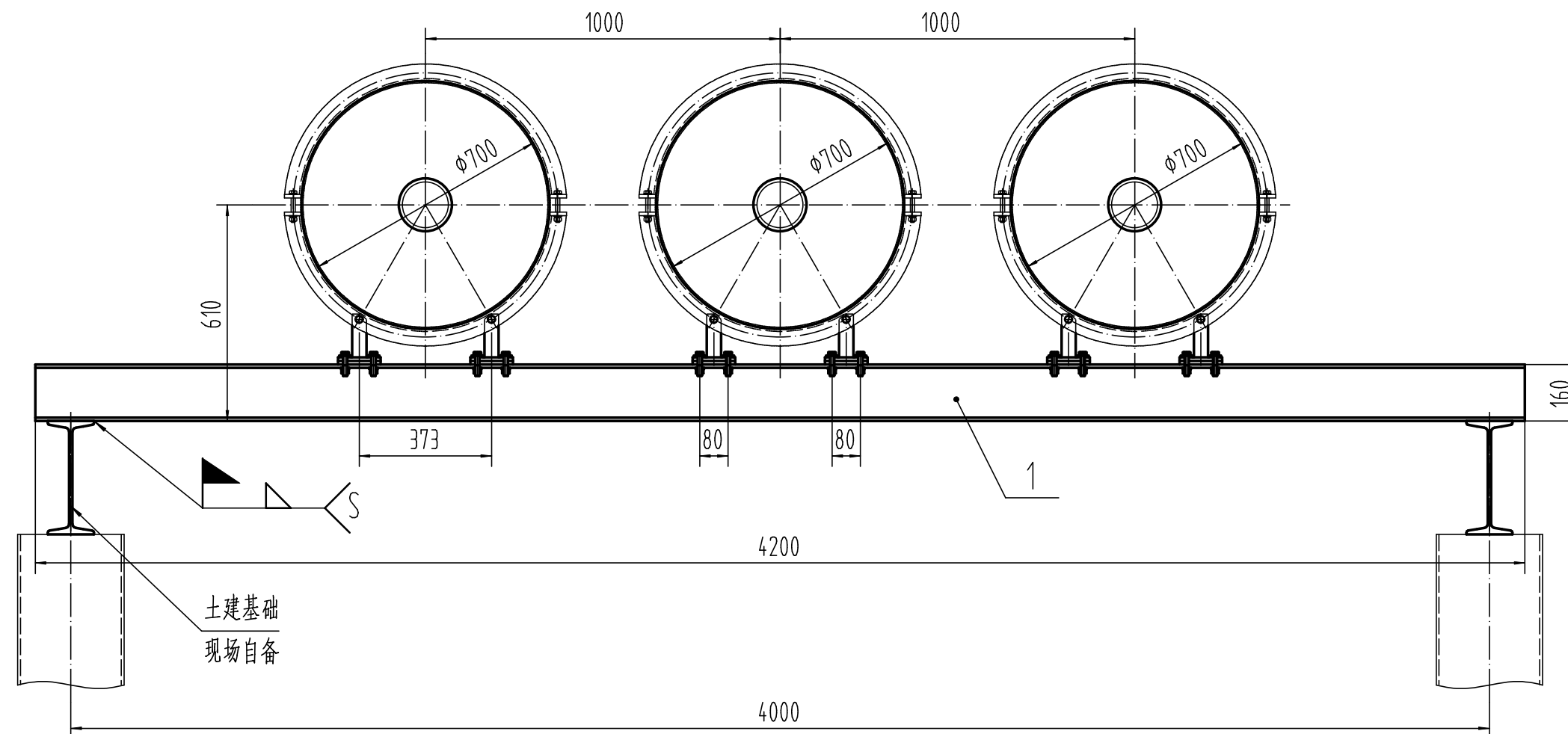
1	FM488A-36-1	支持钢梁 Support beam	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计	备注
					重量 WT		Remarks
							Fuxin Enclosed busbar Co.,Ltd
							户内两相支持结构
mark	unit	change number	sign	date			Indoor two-phase support structure
design		standard			stage marker	weight	ratio
check		approve					1:20
craft		date			pages	page	FM488A-37

FM488A-38



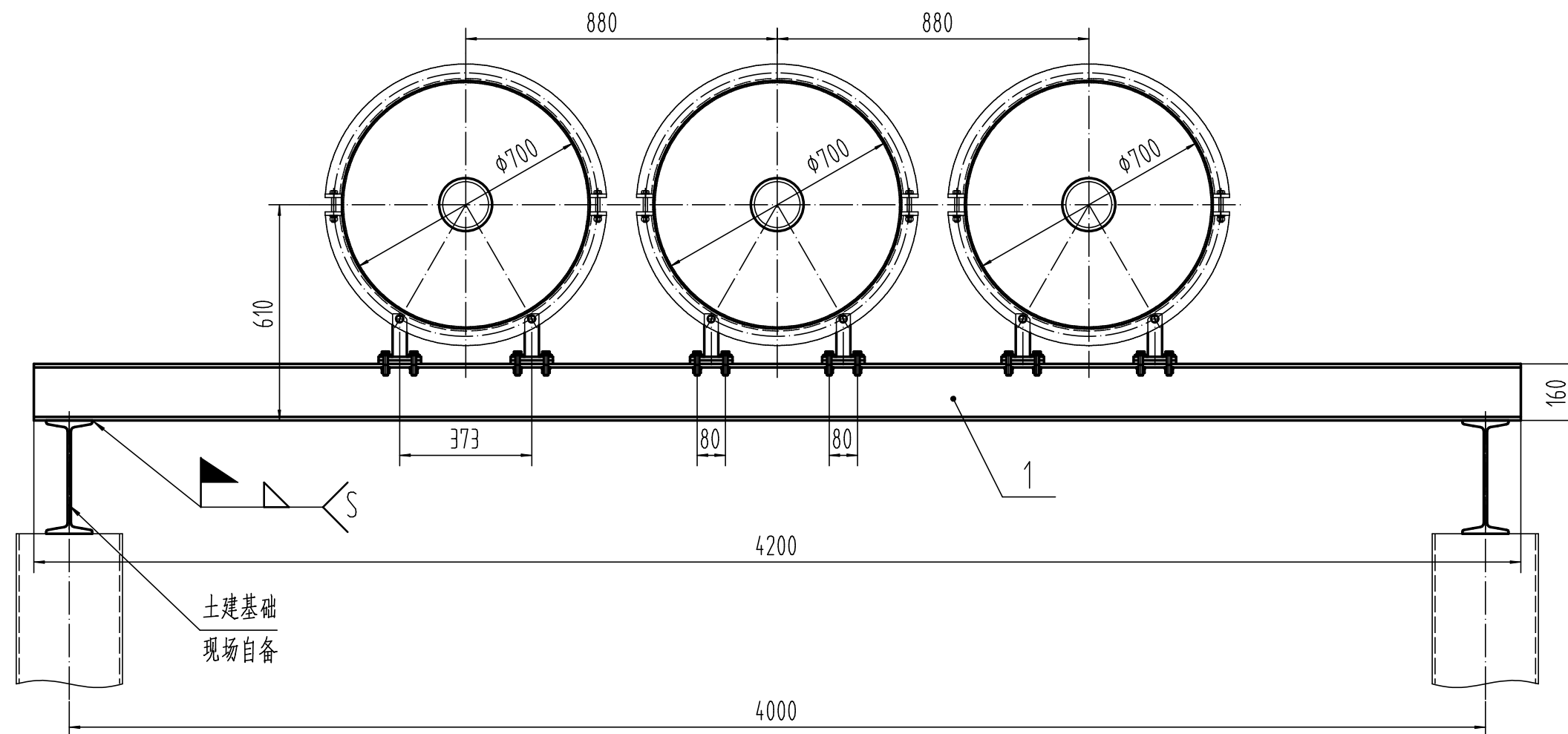
1	FM488A-38-1	支持钢梁 Support beam	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							户内三相支持结构
mark	unit	change number	sign	date			ndoor three-phase support structure
design		standard			stage marker	weight	ratio
check		approve					1:20
craft		date			pages	page	FM488A-38

6E-A884WJ



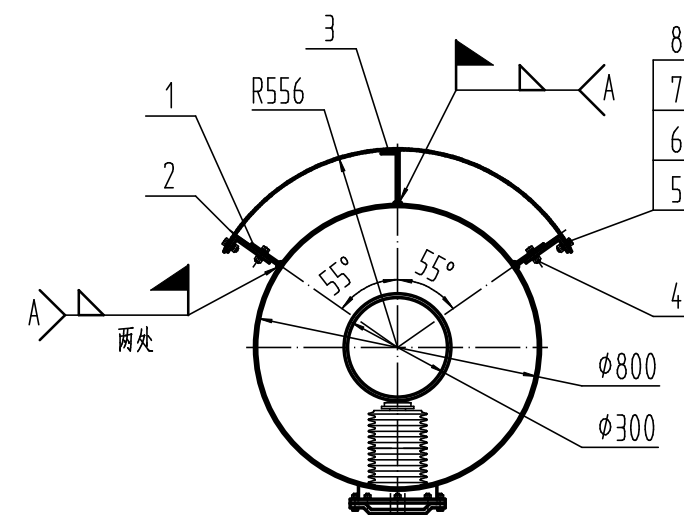
1	FM488A-39-1	支持横梁 Support beam	1	槽钢 16#			L=4200
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							厂用分支支持结构
mark	unit	change number	sign	date			three-phase support structure of branch
design		standard			stage marker	weight	ratio
check		approve					1:15
craft		date			pages	page	FM488A-39

FM488A-40



1	FM488A-40-1	支持横梁 Support beam	1	槽钢 16#			L=4200
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计	备注
					重量 WT		Remarks
							Fuxin Enclosed busbar Co.,Ltd
							扇磁分支支持结构
mark	unit	change number	sign	date			branch of three-phase support structure
design		standard			stage marker	weight	ratio
check		approve					1:15
craft		date			pages	page	FM488A-40

Technical drawing of a rectangular frame. The overall width is 3000 and the overall height is 800. The drawing shows a top view of the frame with a central rectangular area. The corners of the frame are detailed with small square blocks and circles, indicating the assembly or connection points. The dimensions 10, 3000, and 800 are labeled on the drawing.



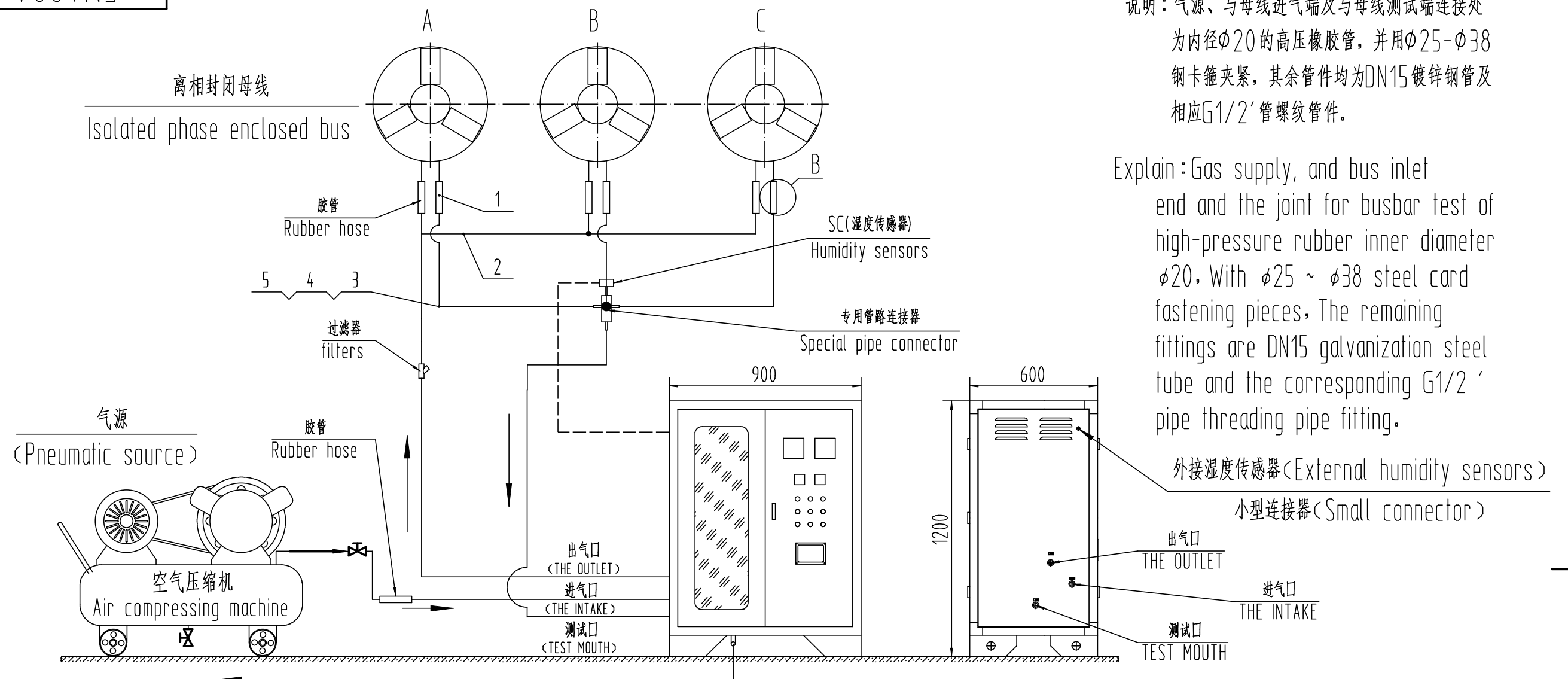
1. 图中为其中一个断面结构。
2. 根据外壳上的大概位置，现场固定位置并保持与外壳同心。
3. 将座板、顶板按平面放置，并将其焊接在外壳上。根据环境，大约每1500mm重复操作一次。
4. 遮阳板孔现场配钻 $\phi 14$ 孔并与支板固定。
5. 现场可按实际情况对3000mm板进行切割。

1. One section structure is shown in the figure.
2. According to the approximate position on the shell, fix the position on site and keep it concentric with the shell.
3. Place the base plate and top plate according to the plane, and weld them on the shell. Depending on the environment, repeat approximately every 1500 mm.
4. The hole of sunshade shall be drilled $\phi 14$ on site and fixed with the support plate.
5. The 3000mm plate can be cut according to the actual situation on site.

8	GB93-87	弹垫 Spring Washer 12	8	镀锌Zinc plating			
7	GB97.1-85	垫圈 Washer 12	16	镀锌Zinc plating			
6	GB6170-86	螺母 Nut M12	8	镀锌Zinc plating			
5	GB5782-86	螺栓 Bolt M12x35	4	镀锌Zinc plating			
4	GB5782-86	螺栓 Bolt M12x40	4	镀锌Zinc plating			
3	FM375-08-3	顶板 apical plate	1				

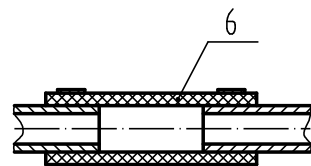
2	FM375-08-2	支板 Supporting plate	2			
1	FM375-08-1	座板 Seat plate	2			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计 Remarks
mark	unit	change number	sign	date		
design		standard			stage marker	weight ratio
check		approve				1:20
craft		date			pages	page

F M 4 8 8 A - 7 3



排水管路引出至室外或指定场所，
管路走向应有利于积水排出。

Drain line is leaded out to outdoor or designated place,
Pipeline trend should be favorable for water discharge.



B 部放大

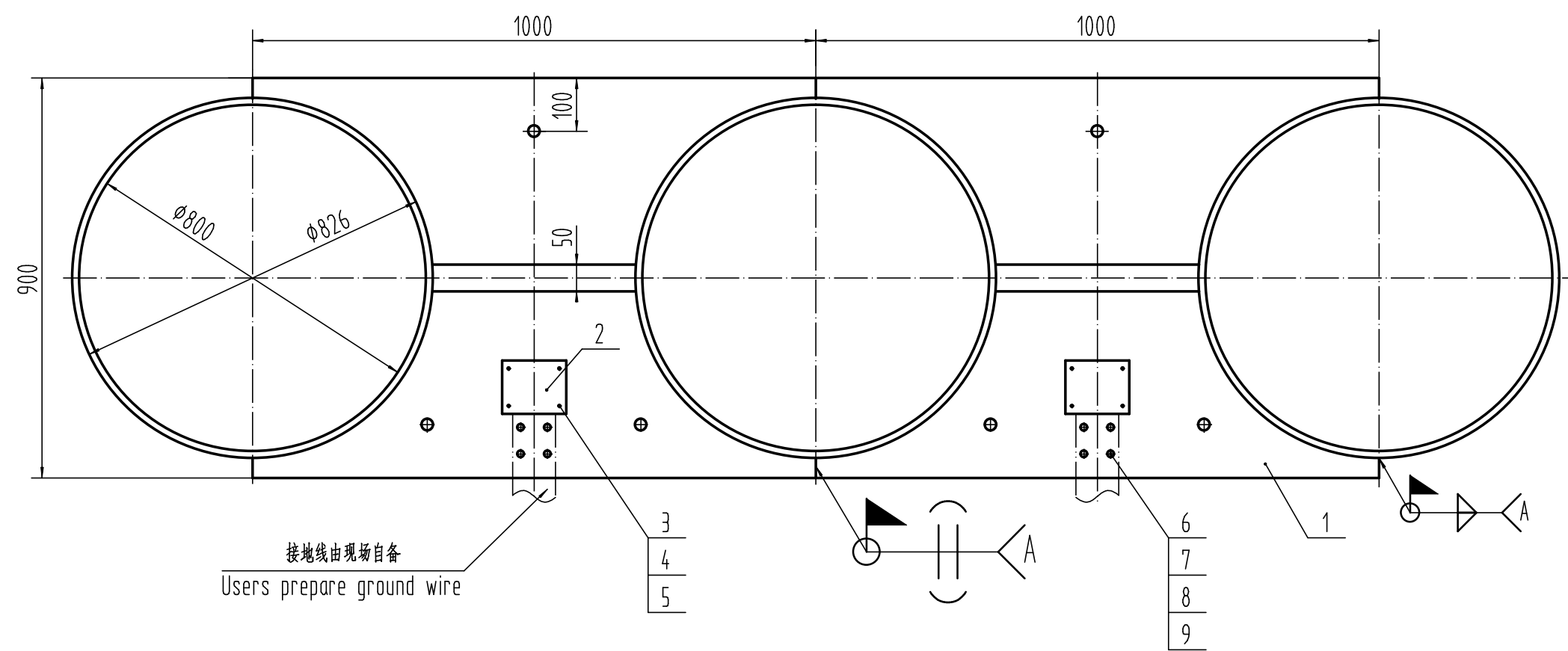
FWY-V型微正压控制柜

FWY - v type electrical control cabinet

6	SN7039	紧箍管卡子Clamp for clamp tube	~24	用于序号1橡胶管的夹紧		
5	GB1047-70	三通管接头Tee joint	~4	公称通径:15mm		
4	GB1047-70	90° 弯头elbow	~15	公称通径:15mm		
3	GB1047-70	外接头(直接头)External connector (direct head)	~10	公称通径:15mm		1

2	GB3091-82	水煤气管 4"	Water gas pipe 4 "	~30米			
1	HG4-404-82	橡胶管	Rubber hose	~3米	用于4"水煤气管		
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件	总计	备注 Remarks
					重量 WT		
					Fuxin Enclosed busbar Co.,ltd		
mark	unit	change number	sign	date	微正压连接示意图		
design		standard					
					stage marker	weight	ratio
check		approve					1:2
craft		date			pages	page	
							Wiring diagram of micro positive pressure pipeline
							FM488A-43

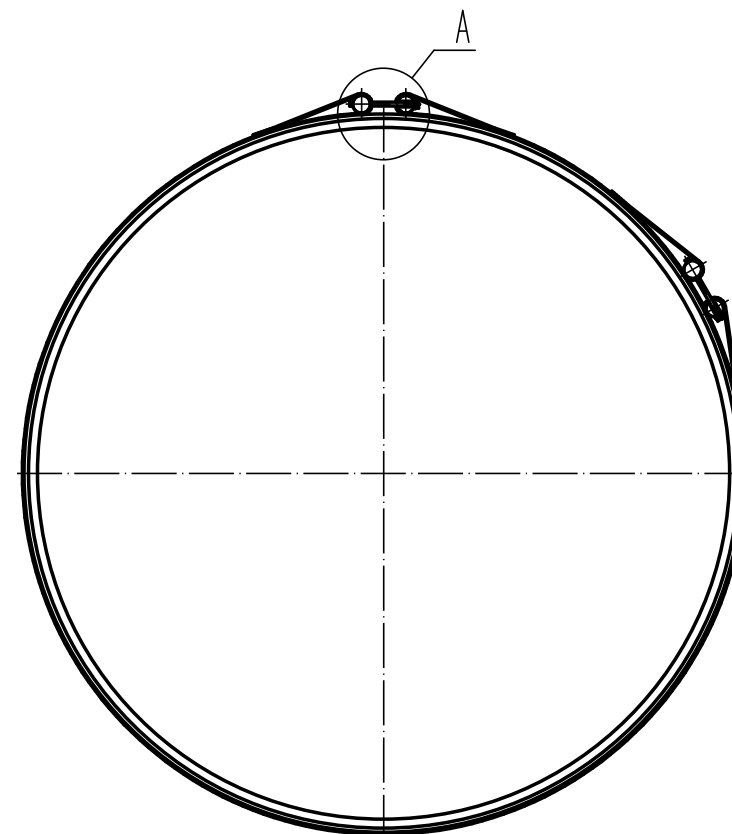
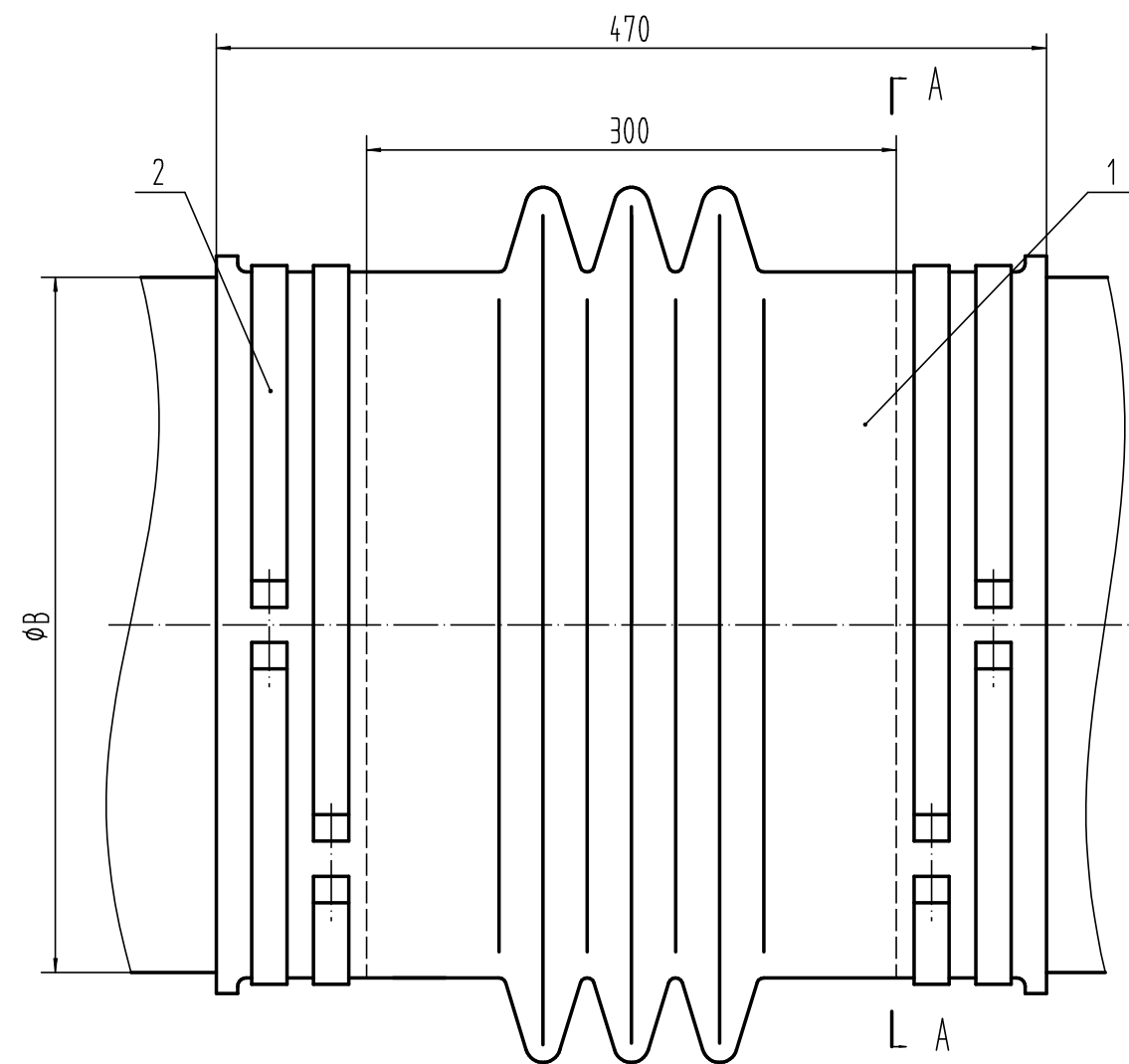
FM488A-44



9	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
8	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
7	GB97.1-85	垫圈 Washer 12	4	镀锌Zinc plating			
6	GB5782-86	螺栓 Bolt M12x50	4	镀锌Zinc plating			
5	GB93-87	弹垫 Spring Washer 5	4	镀锌Zinc plating			
4	GB97.1-85	垫圈 Washer 5	4	镀锌Zinc plating			
3	GB67-85	螺钉 Screw M5x10	4	镀锌Zinc plating			

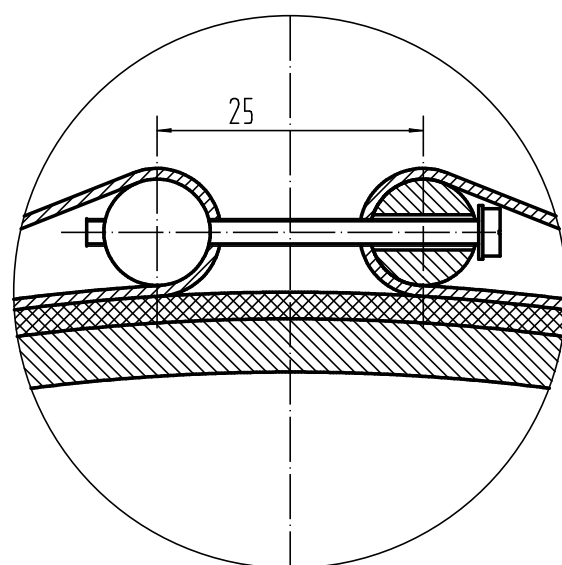
2	FT1-13	接地牌 Grounding card	1				
1	FM488A-44-1	短路板 Short circuit board	2				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,Ltd
							短路板装配结构
mark	unit	change number	sign	date			
design			standard		stage marker	weight	ratio
check			approve				1:10
craft			date		pages	page	
							FM488A-44

FT1G-10G(B、L)



A-A

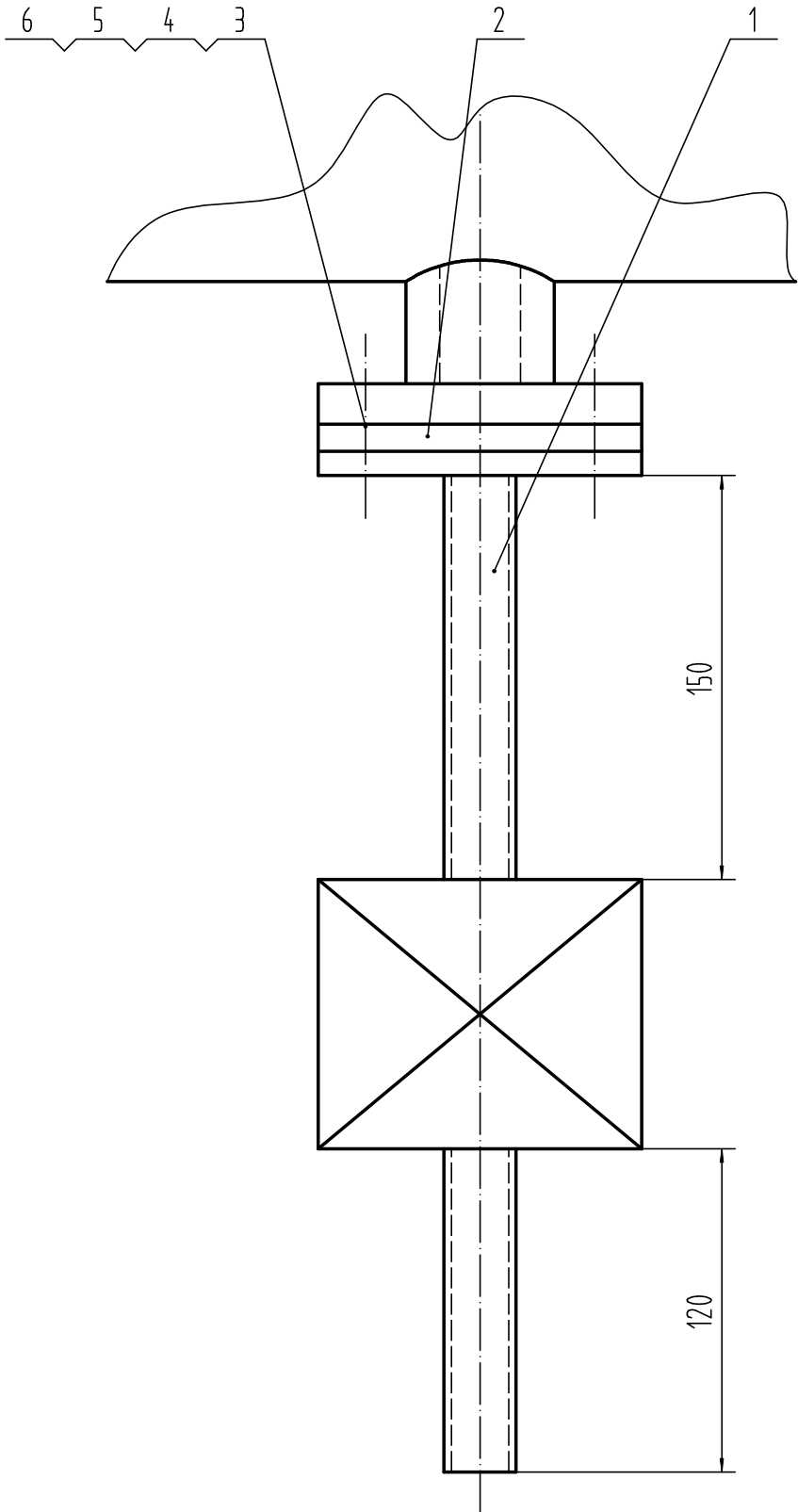
图号 Doc.No	ϕB
FT1G-10B	用于 $\phi 900$
FT1G-10G	用于 $\phi 700$
FT1G-10L	用于 $\phi 800$



A
1.5 : 1

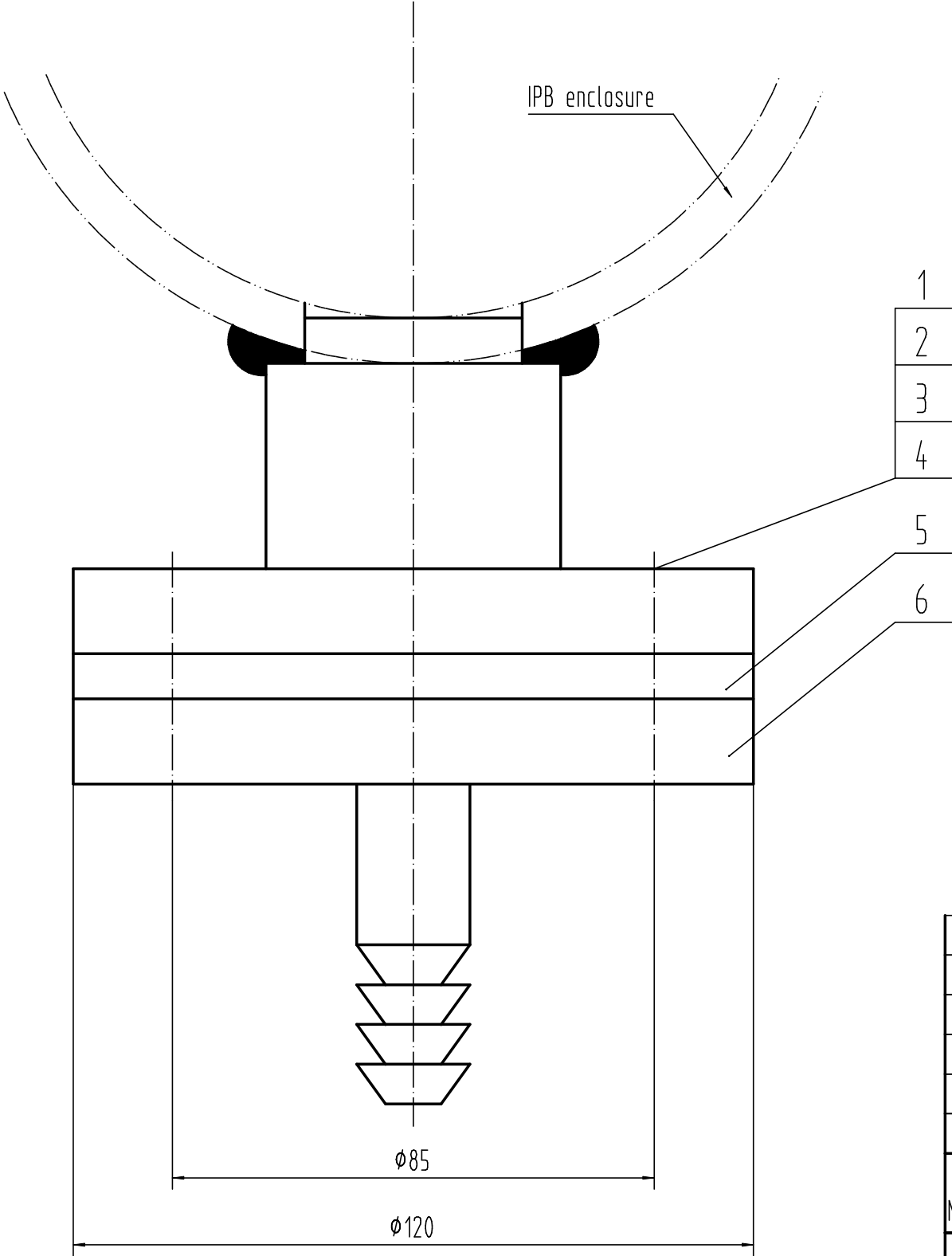
2	FT1G-10-2-7(2、12)	紧固带 Fastening steel strip	4				
1	FT1G-10-1-7(2、12)	橡胶波纹管 Rubber bellows	1				
序号	代号	名称	数量	材料	单件	总计	备注
					重量		
					FUXIN Enclosed busbar co.,ltd		
					橡胶波纹管装配		
					Rubber bellows assembly		
					FT1G-10G(B、L)		
mark	unit	change number	sign	date			
design		standard			stage marker	weight	ratio
check		approve					1:4
craft		date			pages	page	

FT2-67



6	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
5	GB97.1-85	垫圈 Washer 12	8	镀锌Zinc plating			
4	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
3	GB5782-86	螺栓 Bolt M12X60	4	镀锌Zinc plating			
2	FT1-8-2	密封垫 Sealing gasket	1				
1	FT2-67-1	排水管装配 Drainage pipe assembly	1				
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
							Fuxin Enclosed busbar Co.,ltd
							排水装置 Drainage device
mark	unit	change number	sign	date			FT2-67
design		standard			stage marker	weight	ratio
check		approve					1:2.5
craft		date			pages	page	

69-211



6	FT1-8-4	接头 Joint	1				
5	FT1-8-2	密封垫 Sealing gasket	1				
4	GB93-87	弹垫 Spring Washer 12	4	镀锌Zinc plating			
3	GB97.1-85	垫圈 Washer 12	8	镀锌Zinc plating			
2	GB6170-86	螺母 Nut M12	4	镀锌Zinc plating			
1	GB5782-86	螺栓 Bolt M12x60	4	镀锌Zinc plating			
序号 No.	代号 Doc.No	名称 Drawing name	数量 Qty	材料 Material	单件 重量 WT	总计	备注 Remarks
mark	unit	change number	sign	date			
design		standard			stage marker	weight	ratio
check		approve					1:1
craft		date			pages	page	

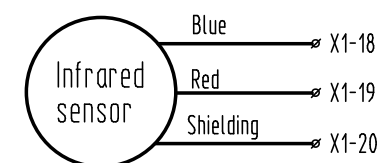
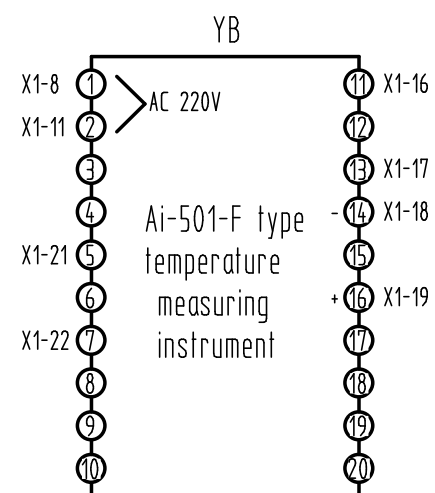
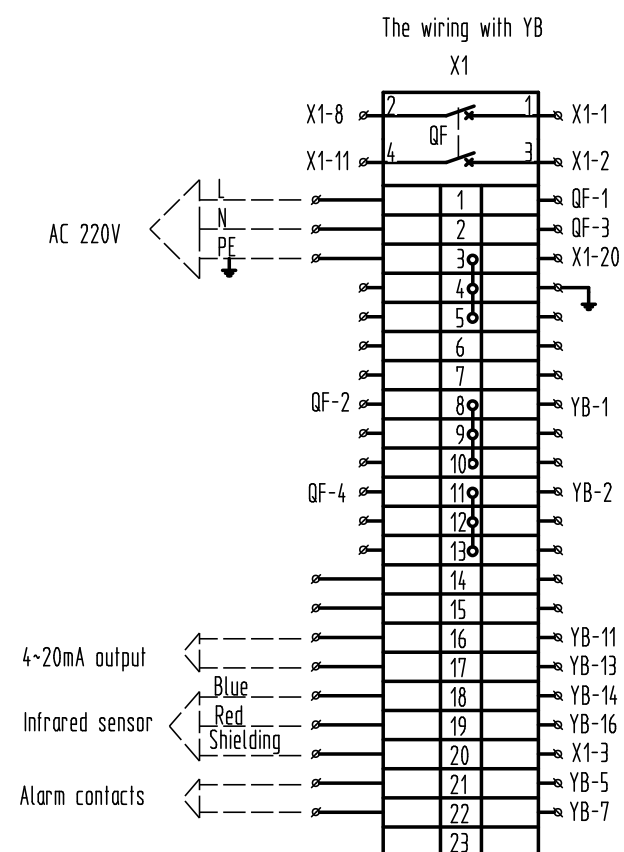
Fuxin Enclosed busbar Co.,ltd

微正压进(出)气结构

Micro positive pressure in (out) gas structure

FT2-69

FT2-796-08



Symbol	Name	Model	Technical characteristics
YB	Temperature measuring instrument	AI-501-F	
X1	Terminal bank		
QF	Air switch	DZ47-63 C6 2P	

									Fuxin Enclosed Busbar Co.,Ltd				
									The wiring diagram				
Design	Guowei	Standard		Mark						Weight	Scale	FT2-79G-08	
Check		Approve											1:5
Technology		Date		Total					Page				