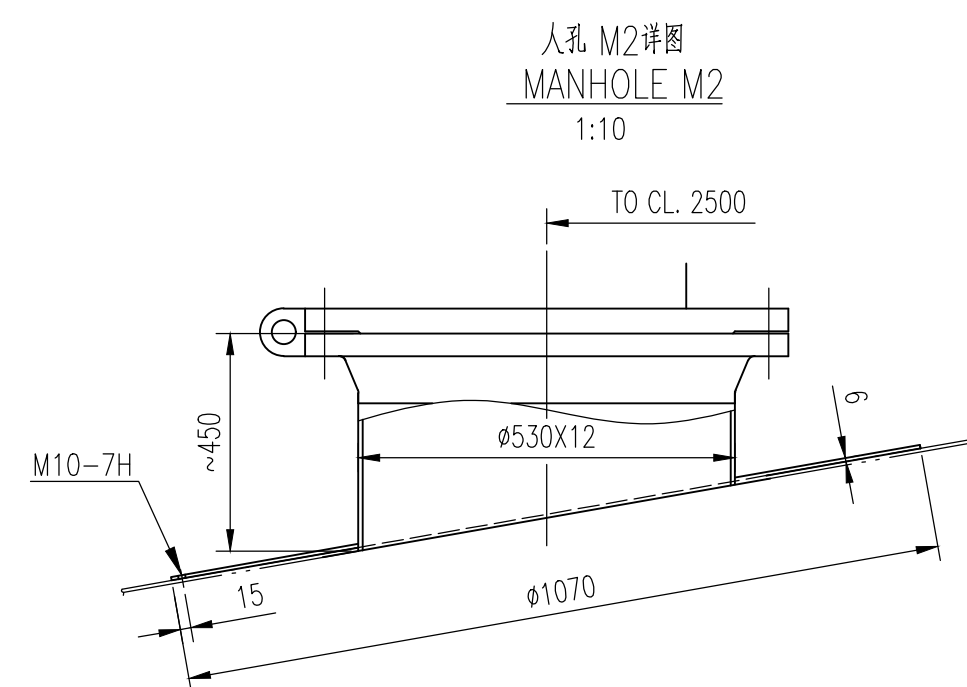
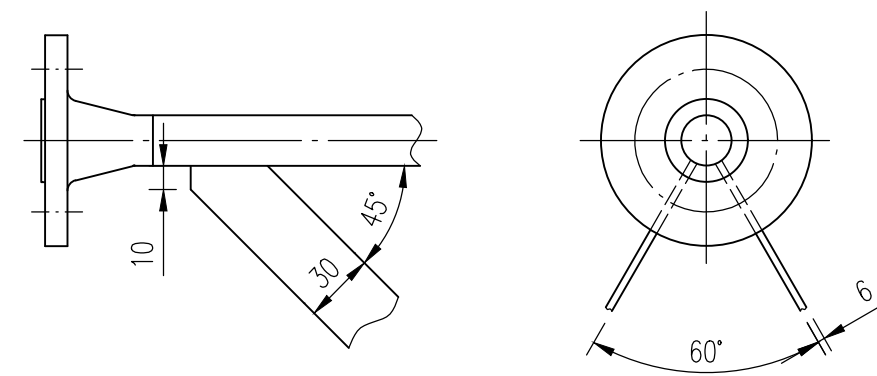
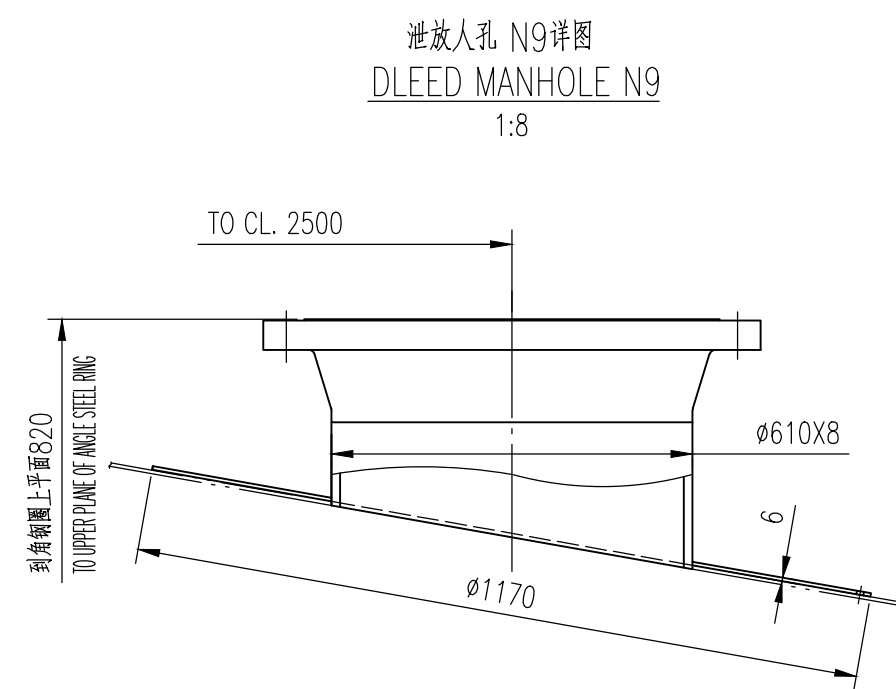
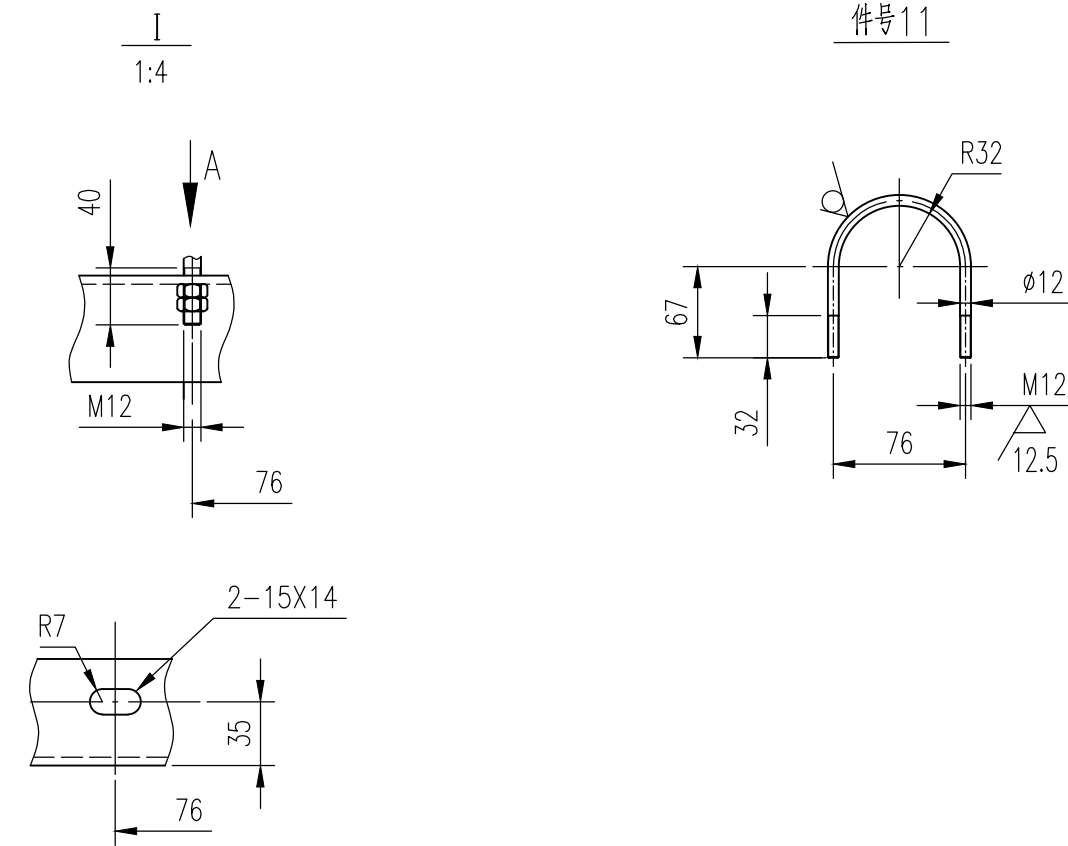
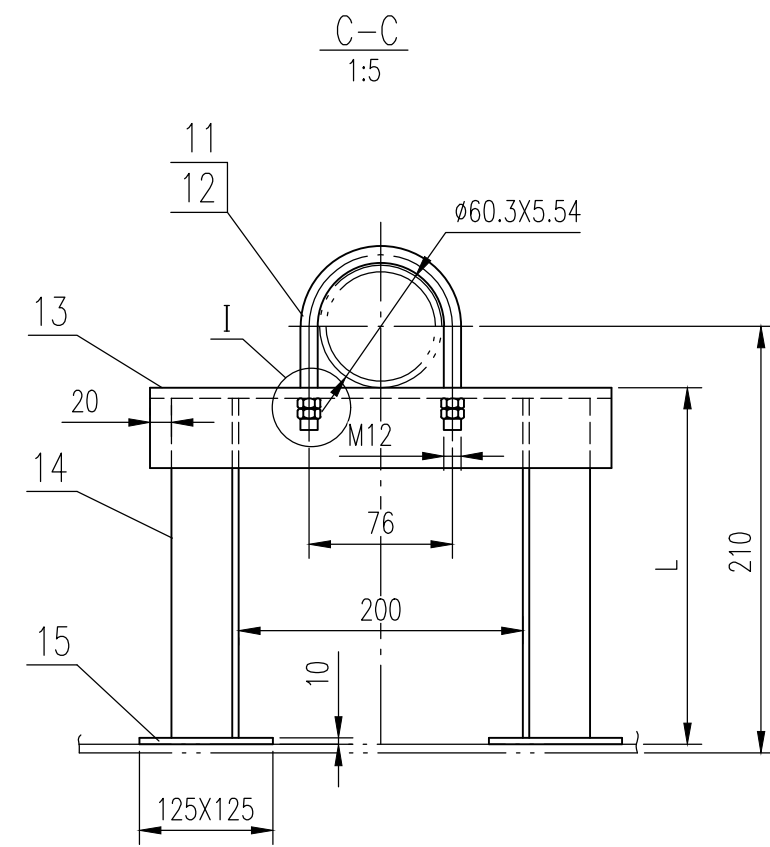


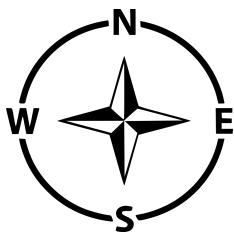




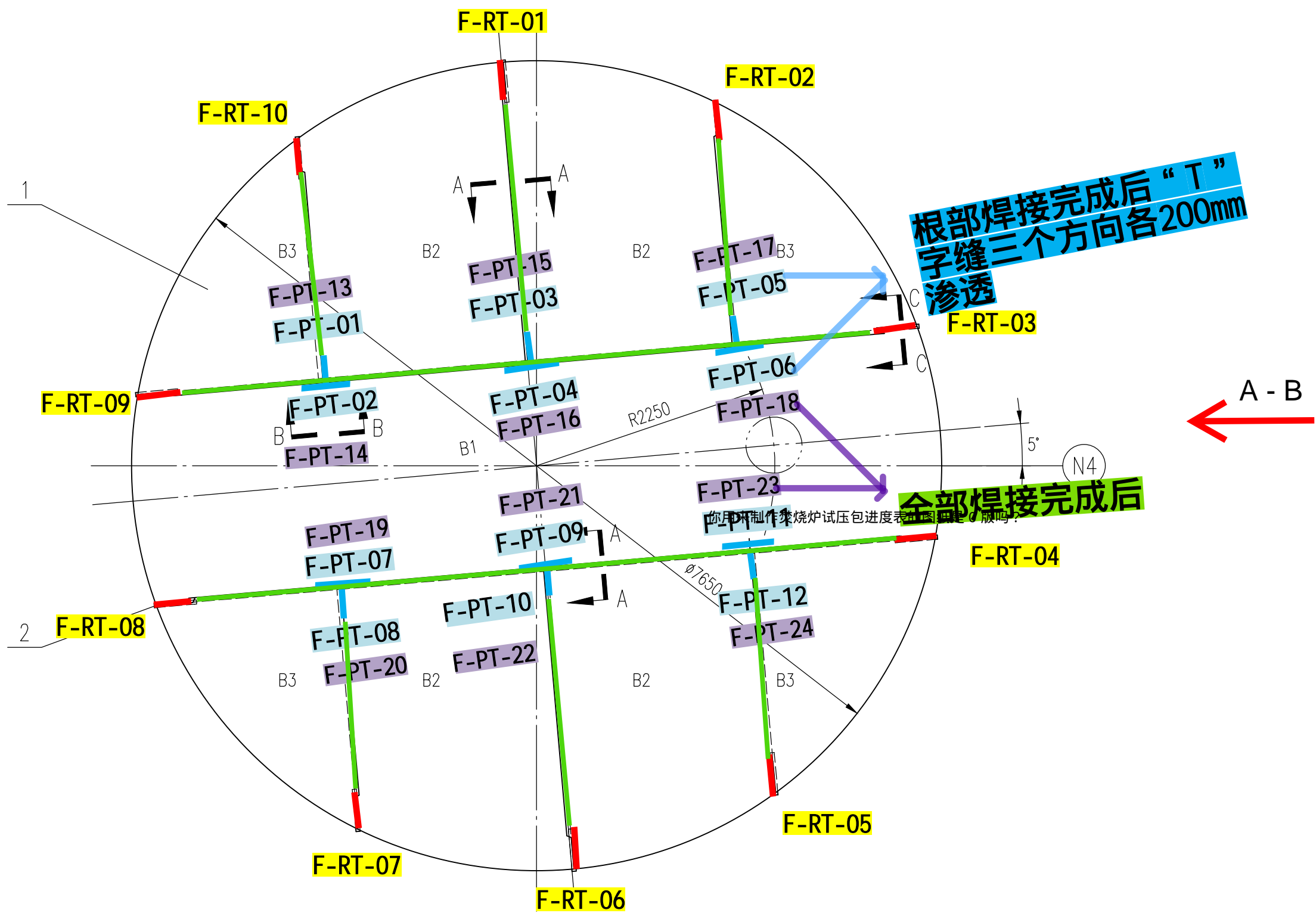
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12	垫板 350X350X8 PAD	16	S30408	7.7	123.2
11	管箍 φ20 GUSSET	32	Q235B	5.26	168.32
10	盖板 φ32 COVER PLATE	16	Q235B	12.97	207.52
9	垫板 140X80X8 φ20 PAD	16	Q235B	1.76	28.16
8	垫板板宽 φ10 COVER PLATE	2	S30408	0.44	0.88



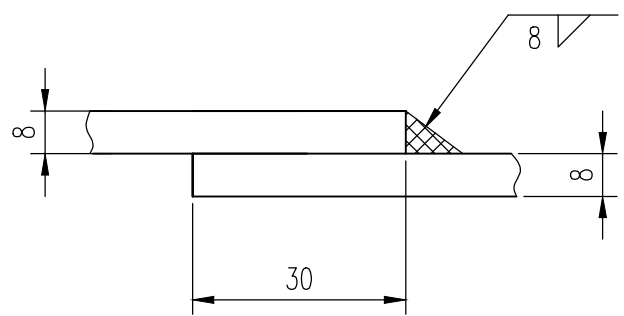
D00	详细工程设计/DETAILED ENGINEERING DESIGN	徐淑桢	王恩俊	赵银峰				2025.6.20	
REV.	DESCRIPTION	DEGNO	CHEXD	APPRO	AUTHD			DATE	
	PT PETRO OXO NUSANTARA								
	WUHAN ENGINEERING CO., LTD. <small>MUST NOT BE COPIED, TRANSMITTED TO OTHERS OR USED WITHOUT PERMISSION OF WUHAN ENGINEERING CO., LTD.</small>	30,000 TPA NEOPENTYL GLYCOL PROJECT							
METHANOL STORAGE TANK DETAILED DRAWING OF NOZZLE ITEM NO:V-4103A/B		Neopentyl Glycol Plant							
		Detailed Engineering Design							
		22150-V4103-002						D00	
SPECI	EQUIPMENT	AREA	—	SCALE	1:30	SHT.2		OF 2	



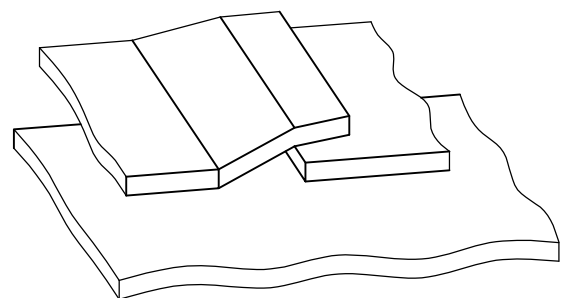
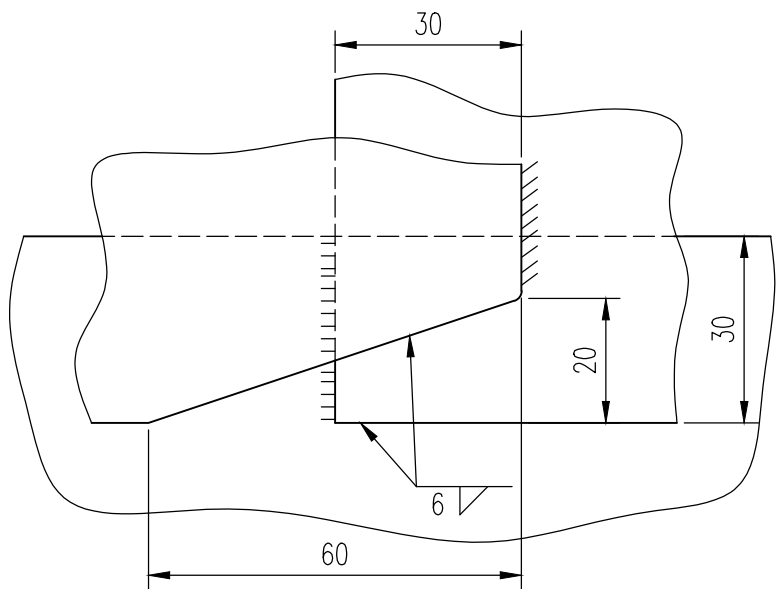
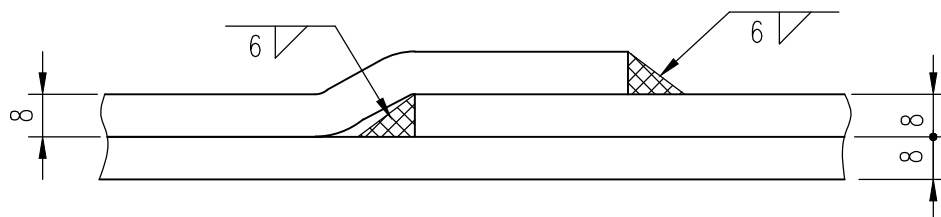
底板详图
FLOOR DETAIL DRAWING
1:40



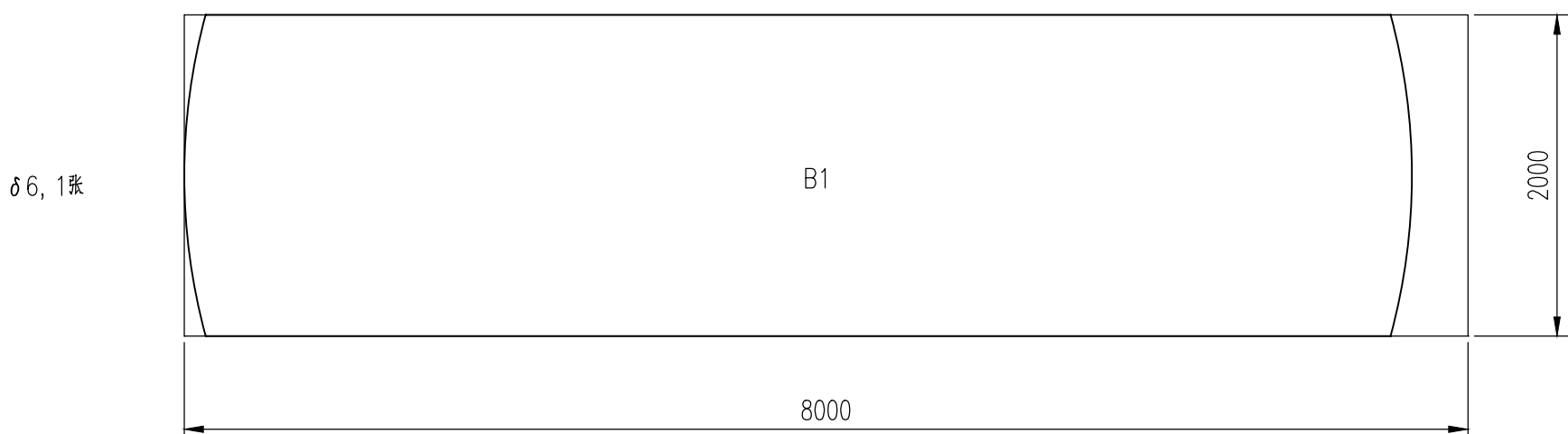
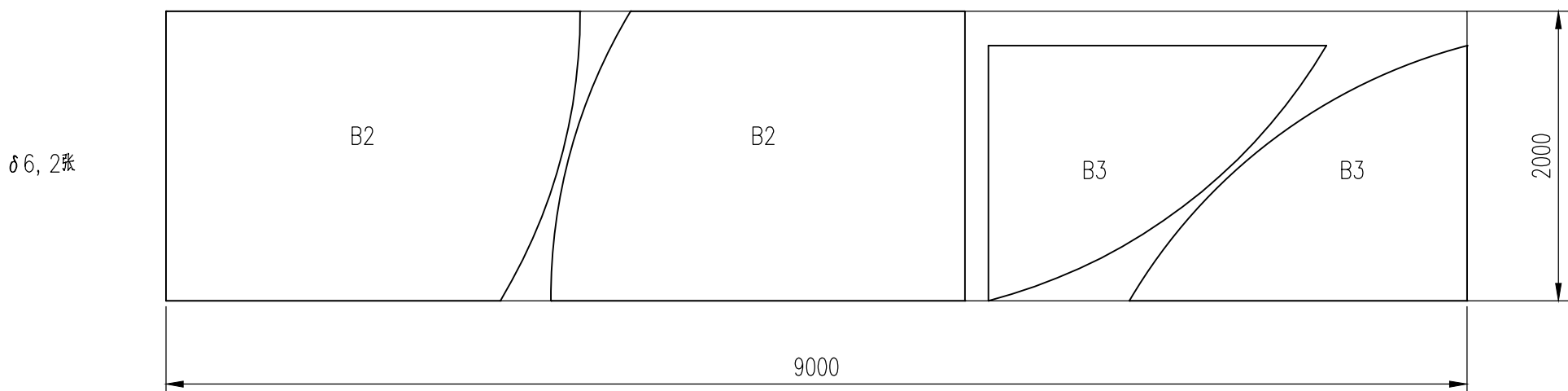
A-A
1:1



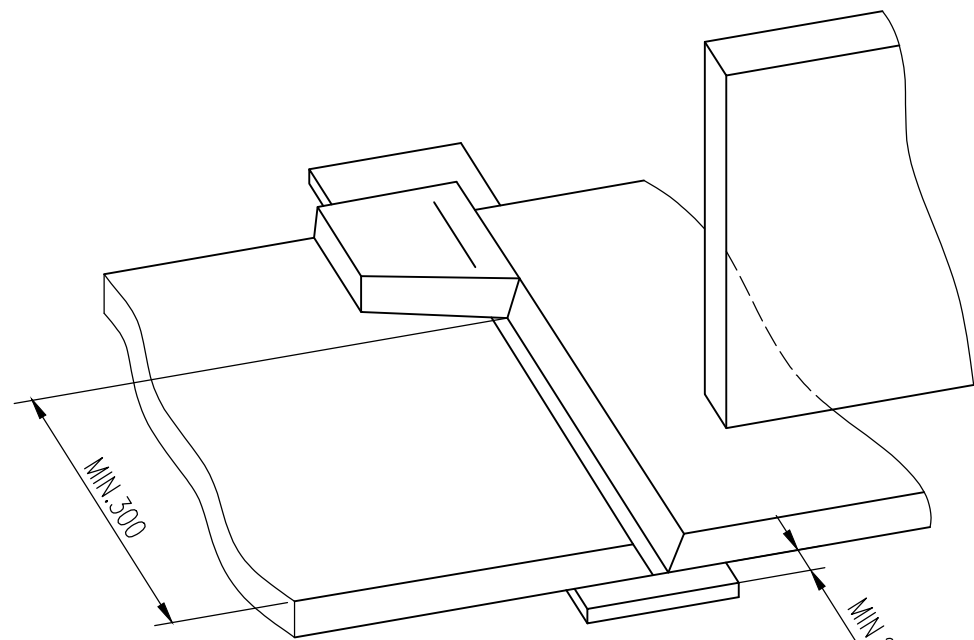
B-B
1:1



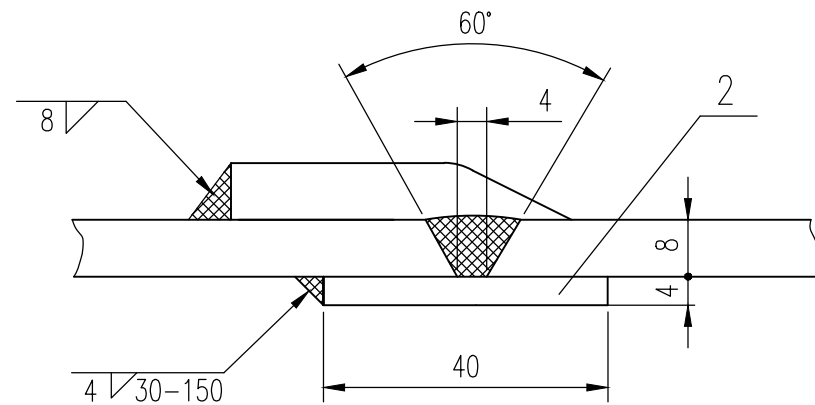
底板排版图
FLOOR TYPESETTING DIAGRAM
1:40



罐底边缘板搭接头
1:5



C-C
1:1

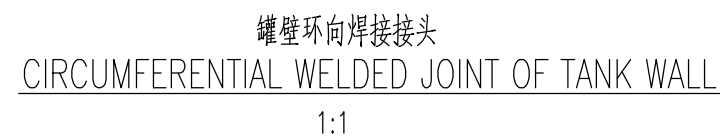


技术要求 Technical Requirements

- 罐底应按GB50128-2014《立式圆筒形钢制焊接储罐施工及验收规范》进行制造、检验和验收。
The tank bottom shall be manufactured, inspected, and accepted in accordance with GB50128-2014 "Code for Construction and Acceptance of Vertical Cylindrical Steel Welded Storage Tanks."
- 罐底板所有对接焊缝的外端300mm应进行100%射线检测, II级合格。
The outer 300mm of all butt welds on the tank bottom plate shall undergo 100% (RT), with Grade II acceptance criteria.
- 罐底焊接后, 其局部凹凸变形不应大于变形长度的2%, 且不超过40mm, I级合格。
After welding the tank bottom, the local concave and convex deformation shall not exceed 2% of the deformation length and shall not exceed 40mm, with Grade I acceptance criteria.
- 罐底所有焊缝应采用真空箱法进行密封性试验, 其试验负压值不得低于0.053MPa, 无泄漏为合格。
All tank bottom welds shall undergo a vacuum box test for tightness, with a negative pressure not less than 0.053 MPa. No leakage is acceptable.
- 其余要求按装配图。
Other requirements shall comply with the assembly drawing.
- 该图尺寸仅为理论计算值, 施工单位在下料时应考虑焊缝间隙与焊接收缩。
The dimensions in this drawing are theoretical values only. The construction unit shall consider weld gaps and welding shrinkage during material cutting.

总重: 2921 kg

2		基板 40Xδ4 PAD	10	S30408	0.5	5.0	L=400
1		底板 δ8 BASEBOARD	1	S30408		2916	
件号 No.	图号或标准号 DWG. OR STAND. No.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	单位 UNIT	总重 TOTAL WEIGHT(kg)	备注 REMARKS
DOO	详细工程设计/DETAILED ENGINEERING DESIGN	徐淑松	王思俊	赵银峰		2025.6.20	
REV.	DESCRIPTION	DEGND	CHEKD	APPRD	AUTHD	DATE	
PT PETRO OXO NUSANTARA							
WUHUAN ENGINEERING CO., LTD.			30,000 TPA NEOPENTYL GLYCOL PROJECT				
METHANOL STORAGE TANK			Neopentyl Glycol Plant				
BASEBOARD DETAIL DRAWING			Detailed Engineering Design				
ITEM NO: V-4103A/B			22150-V4103-003				DOO
SPECI	EQUIPMENT	AREA	—	SCALE	1:40	SHT.1	OF 1



1. 螺旋焊接GB50128—2014《立式圆筒形钢制焊接储罐施工及验收规范》进行制造、检验和验收。

The tank wall shall be manufactured, inspected, and accepted in accordance with GB50128—2014 "Code for Construction and Acceptance of Vertical Cylindrical Steel Welded Storage Tanks."
2. 所有开孔、接管和补强板上的切斜表面应光滑平整,并应边缘圆顺。

All cutting surfaces on openings, nozzles and reinforcing plates shall be smooth and flat, with edges rounded.
3. 角钢加强圈焊接接应全开焊,其焊接开焊应通开整圈焊缝,且不得小于300mm。

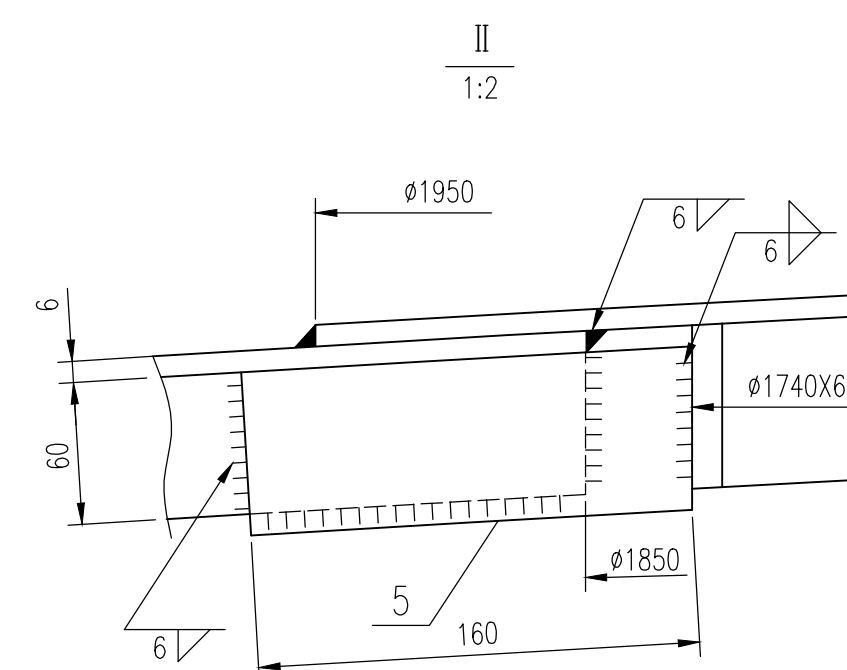
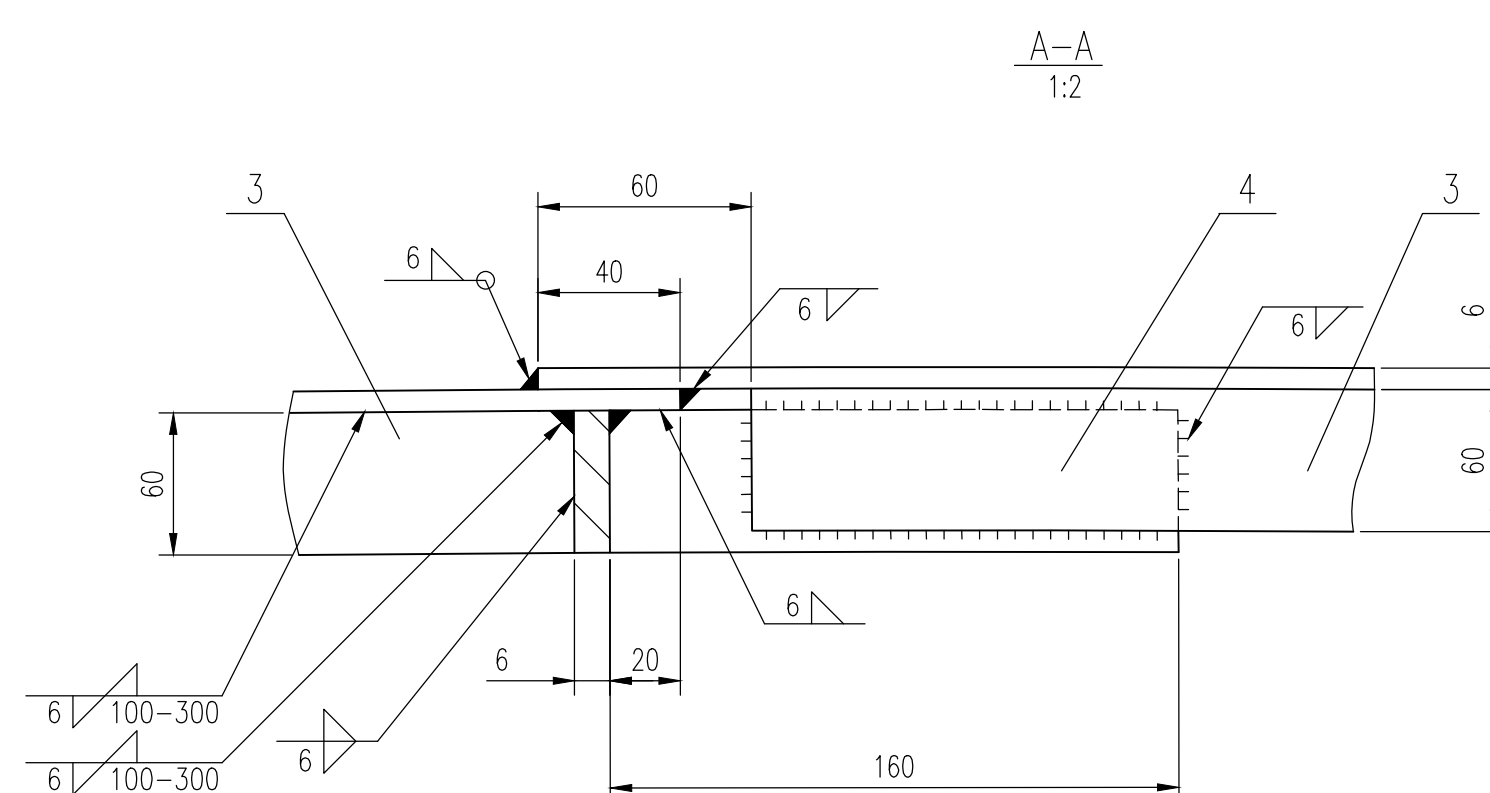
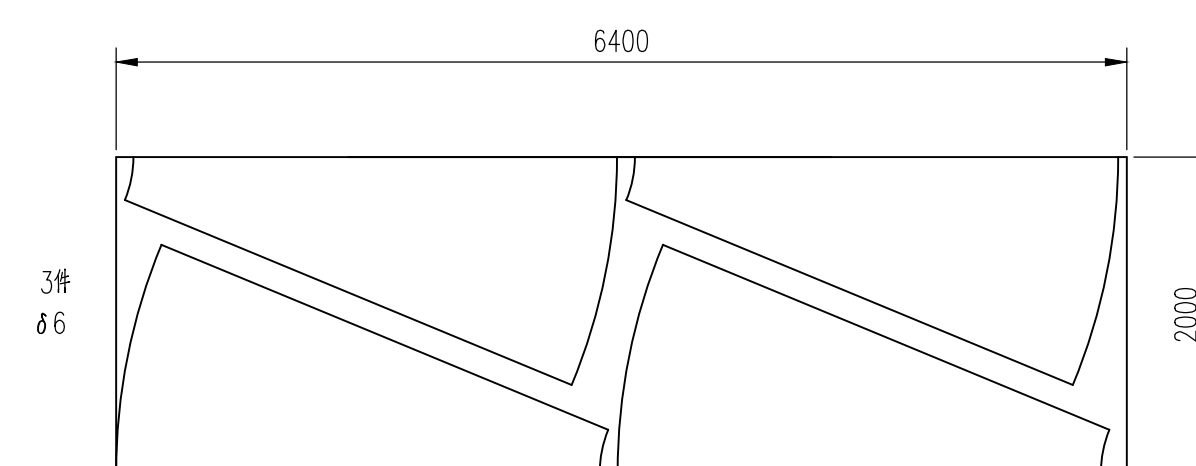
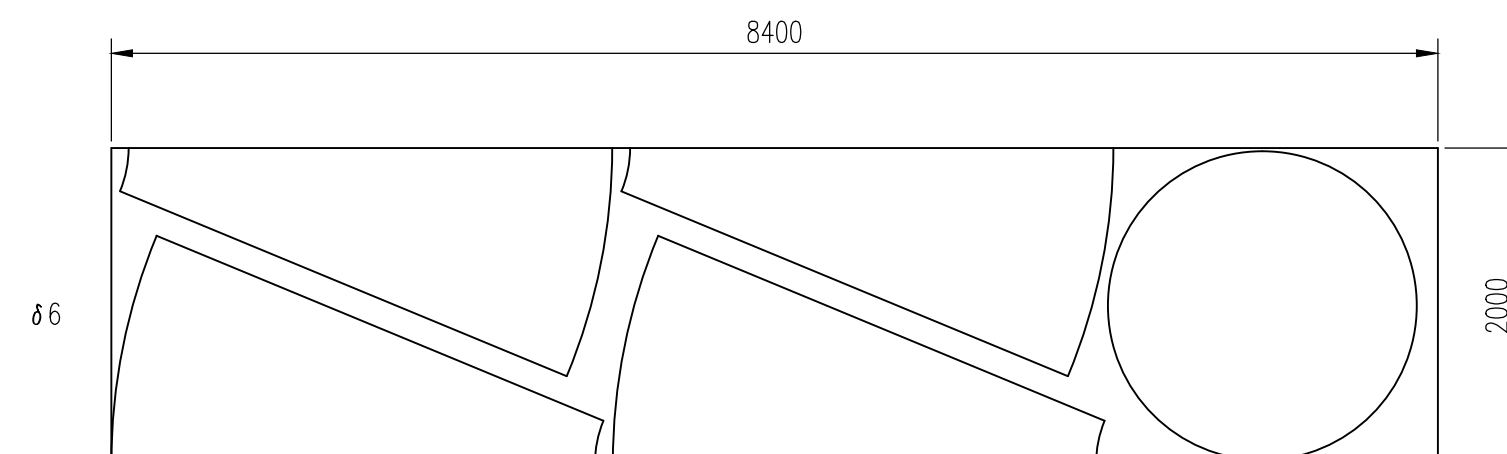
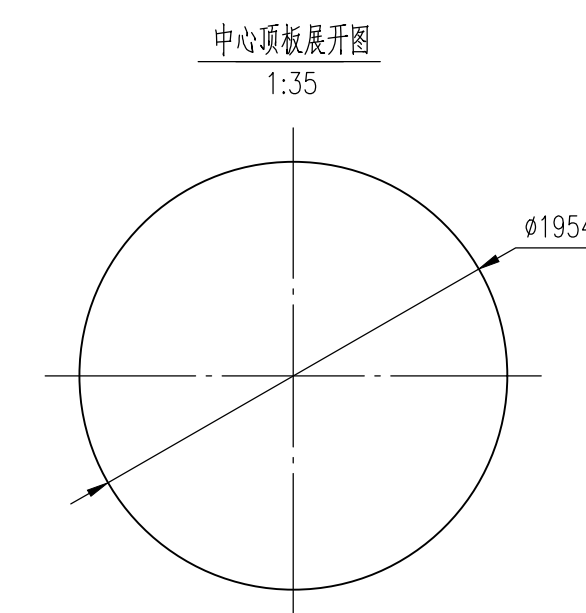
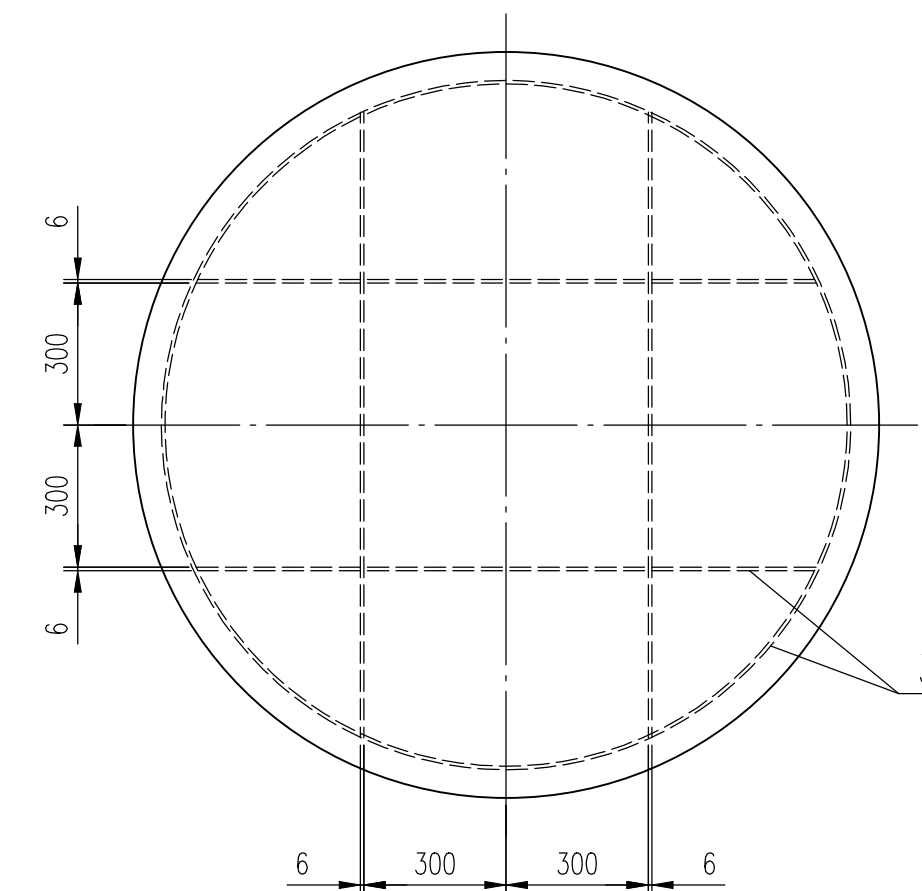
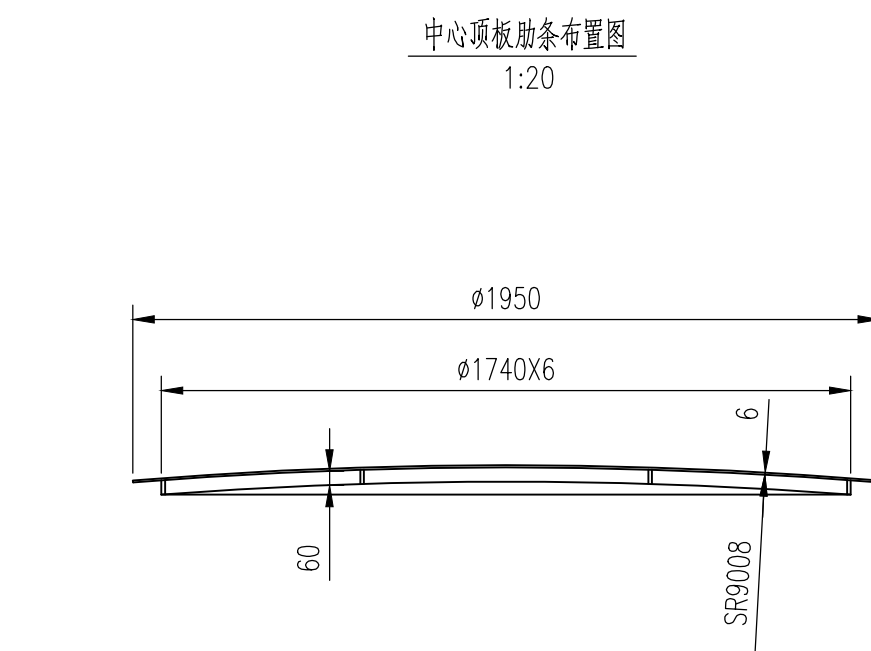
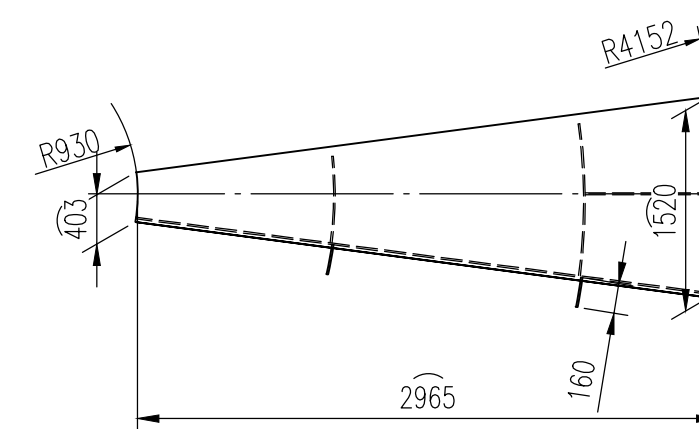
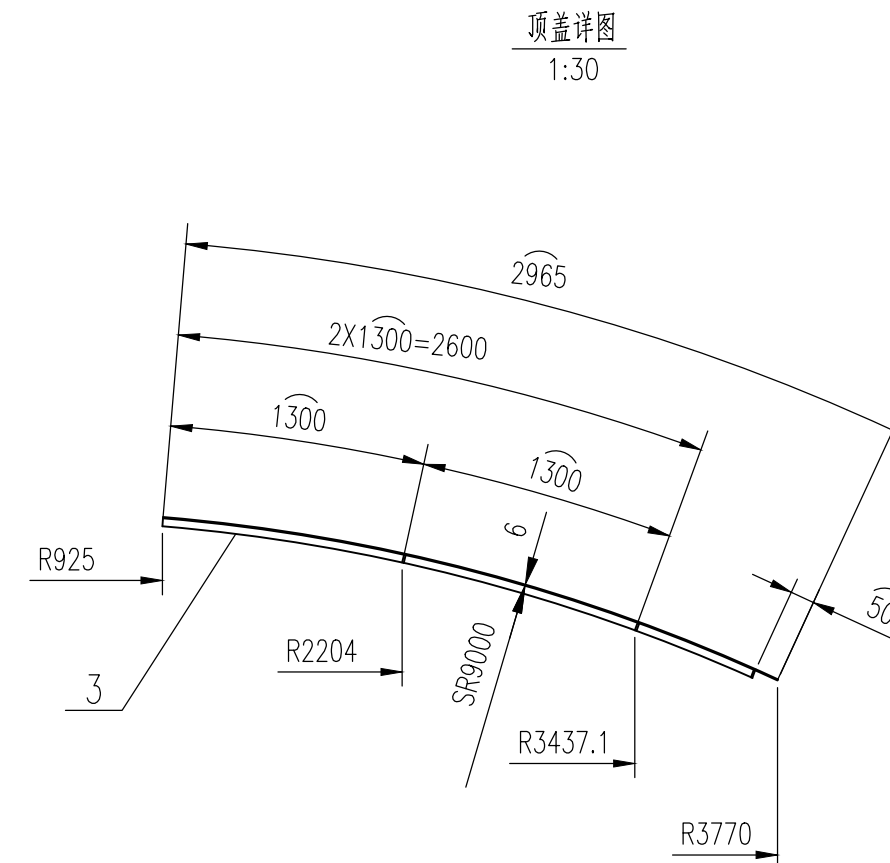
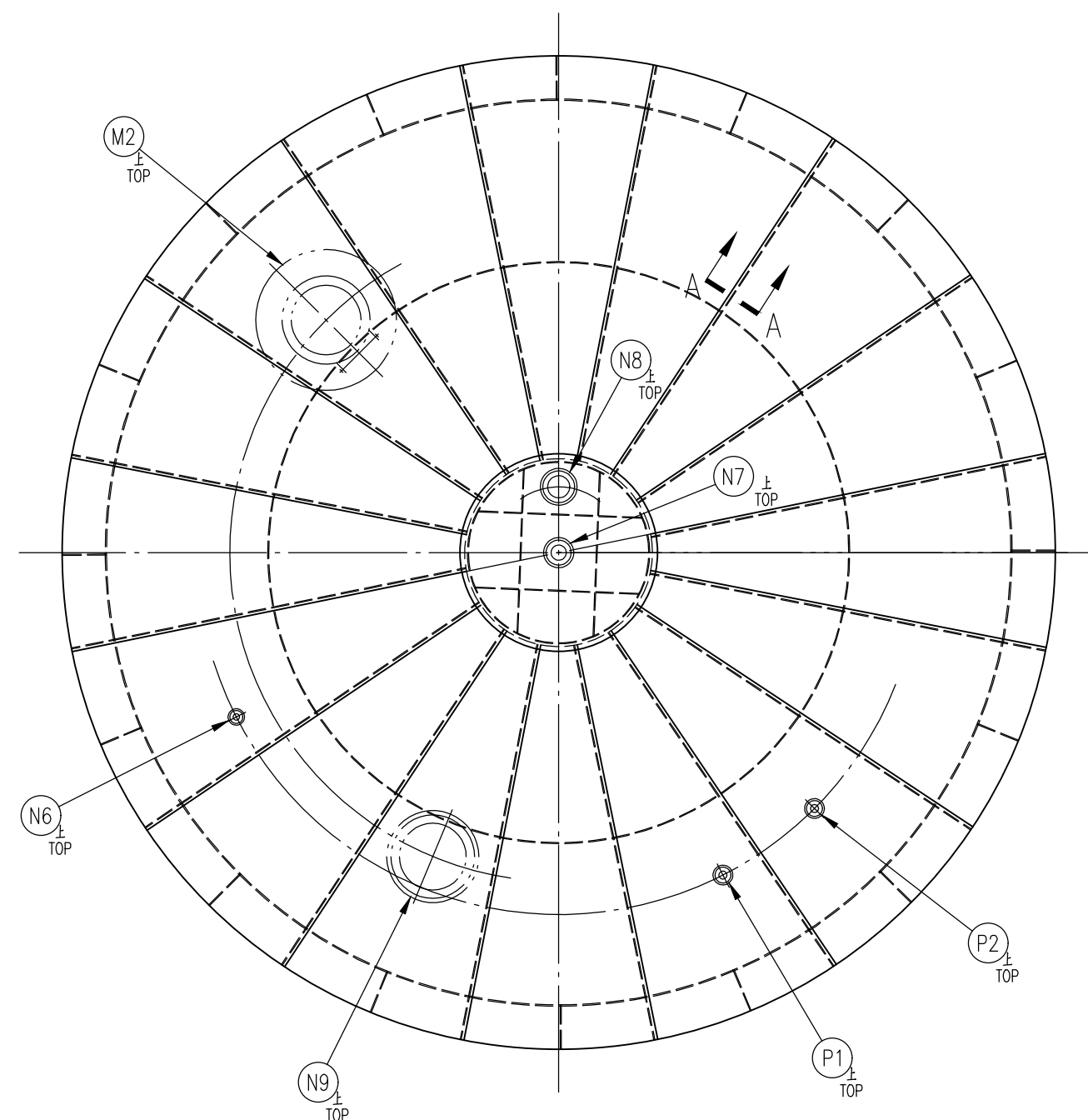
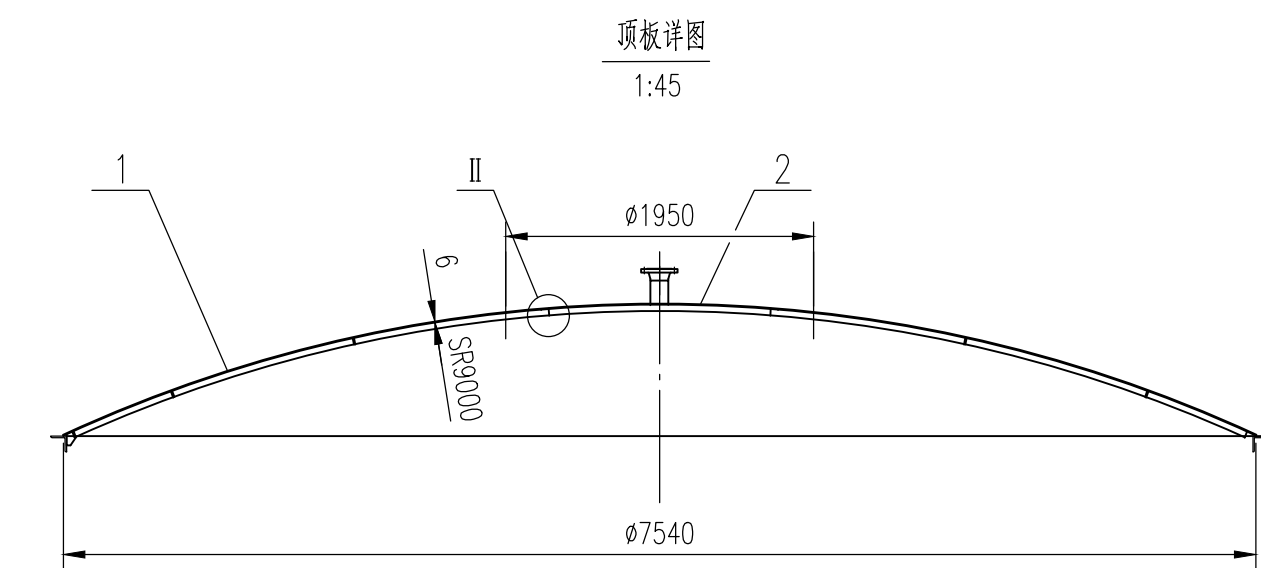
The splice welds of angle steel reinforcing rings shall be fully penetrated, and shall avoid longitudinal seams of wall plates by at least 300mm.
4. 螺旋开孔应通开螺旋焊缝,开孔角焊缝:当没有补强板时,为补强板角焊缝长度;距螺旋开焊应不小于150mm。Openings on tank wall shall avoid full circumferential welds. The distance from opening fillet welds (or reinforcing plate fillet weld edges when reinforcing plates are used) to circumferential welds shall be 75mm, and to longitudinal welds 150mm.
5. 板拼尺寸为筒体终成尺寸,未考虑焊接接长等因素。

The plate assembly dimensions are final formed dimensions and do not account for factors like welding shrinkage.
6. 其余要求按装配图。

Other requirements shall comply with the assembly drawing.



SPECI									
SIGNATURE									

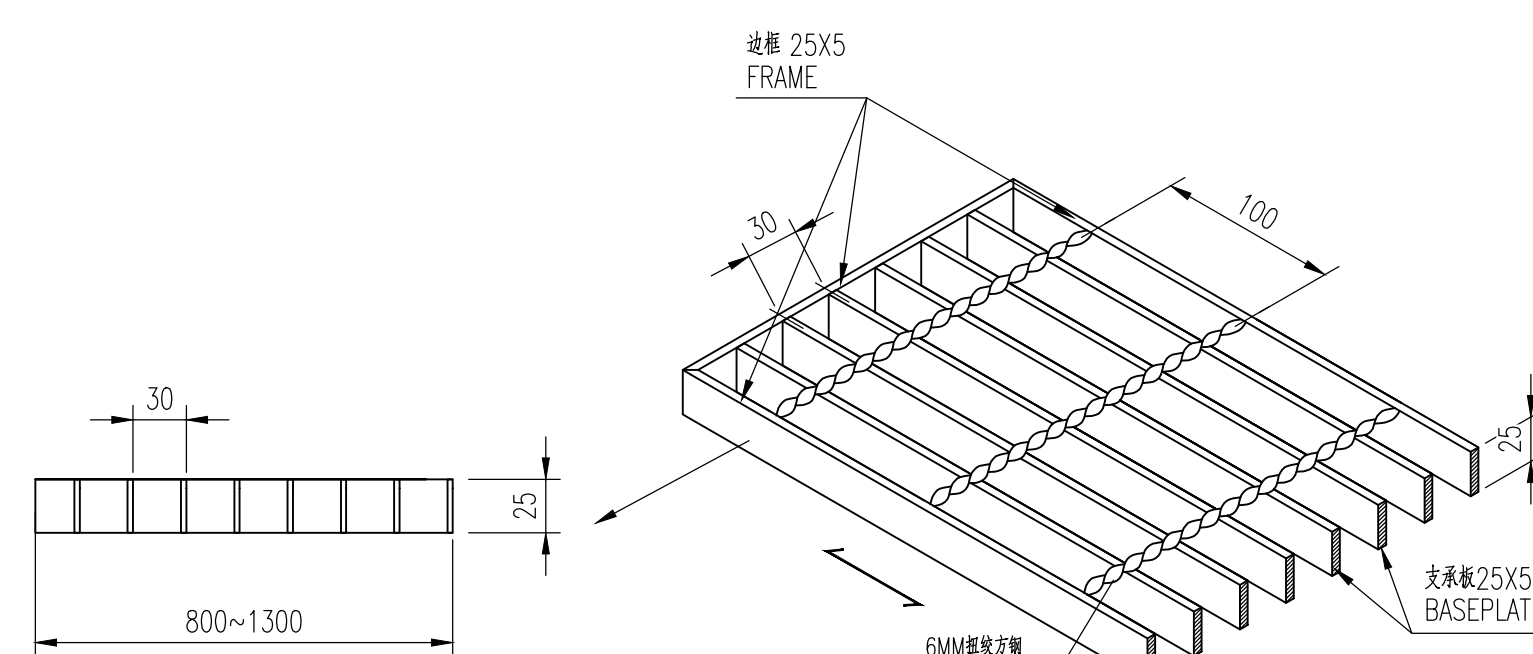
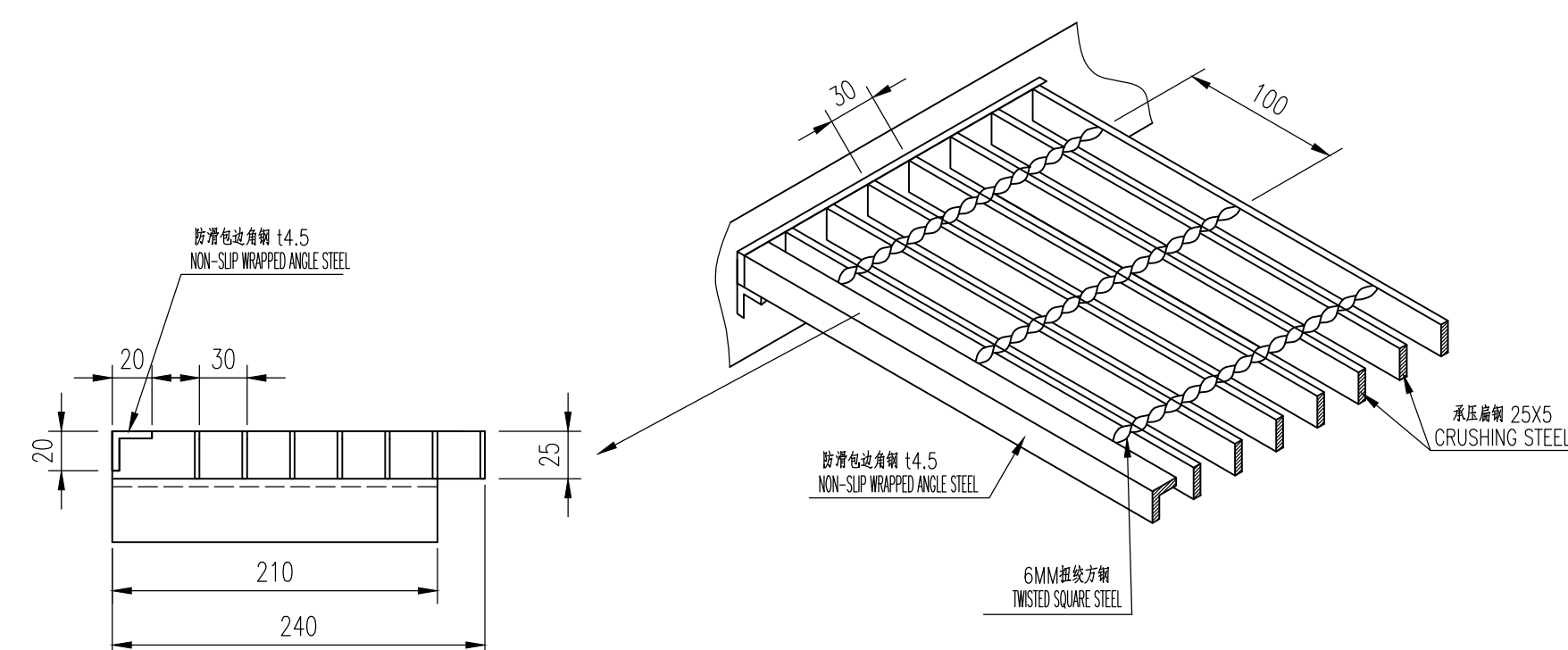
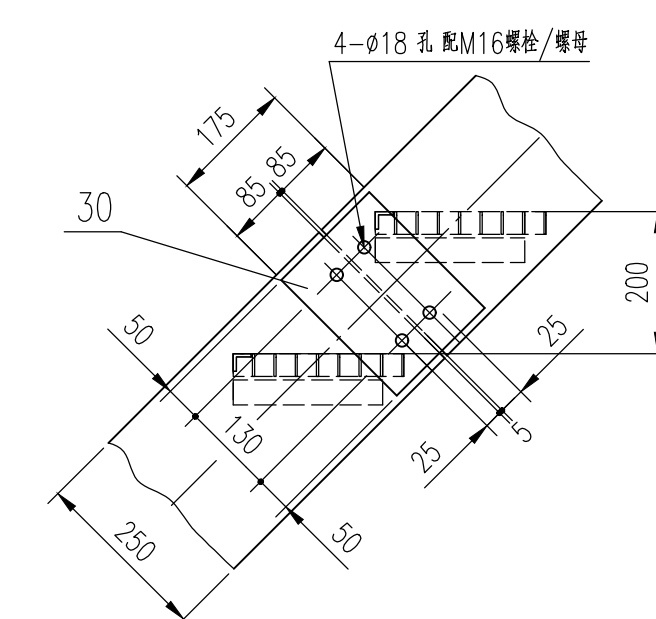
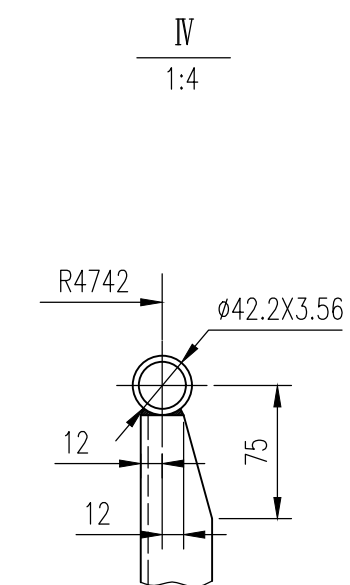
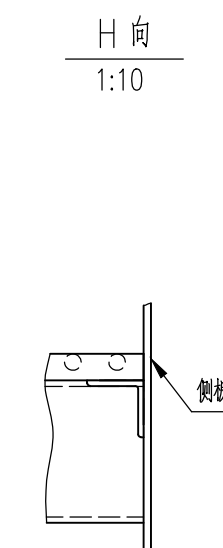
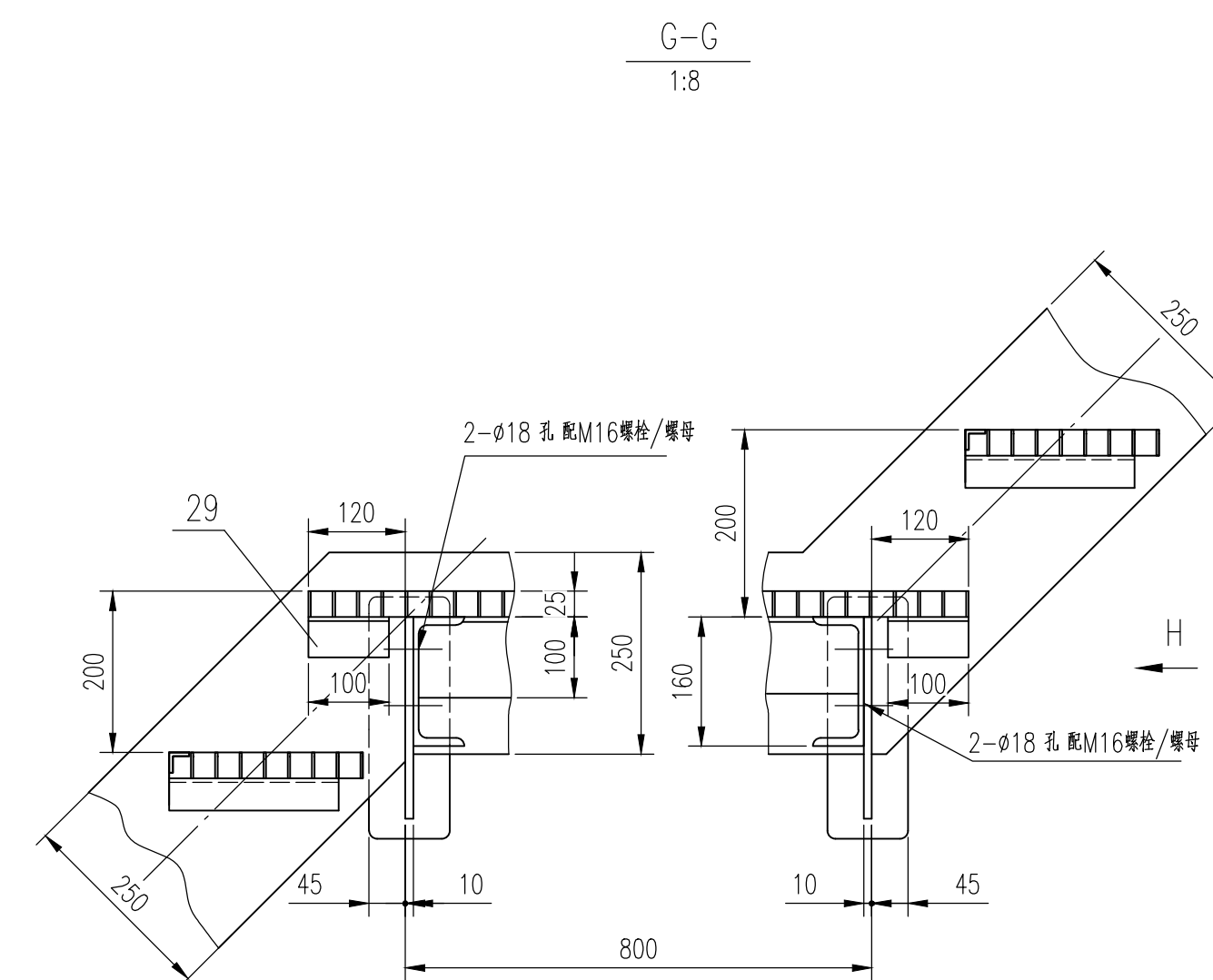
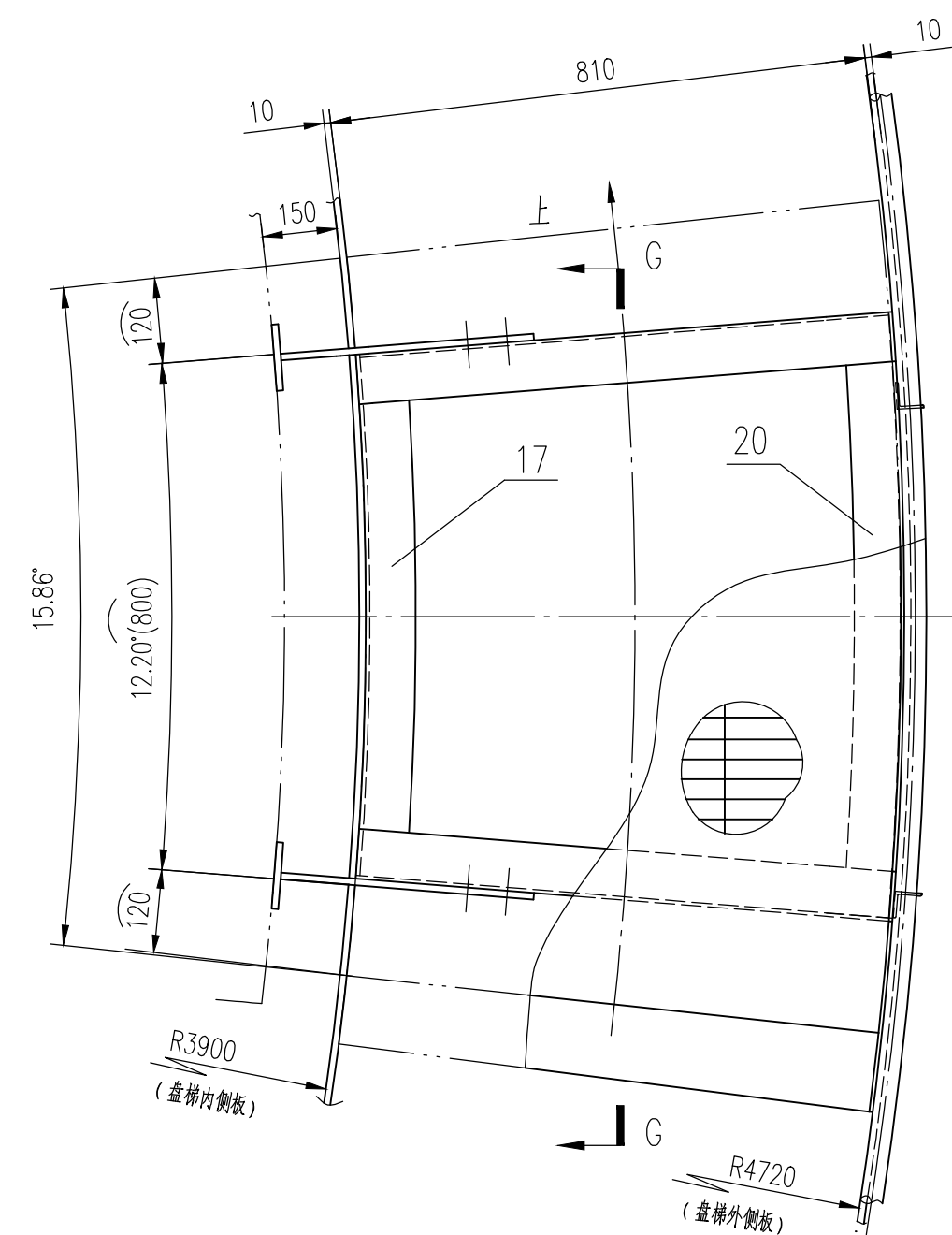
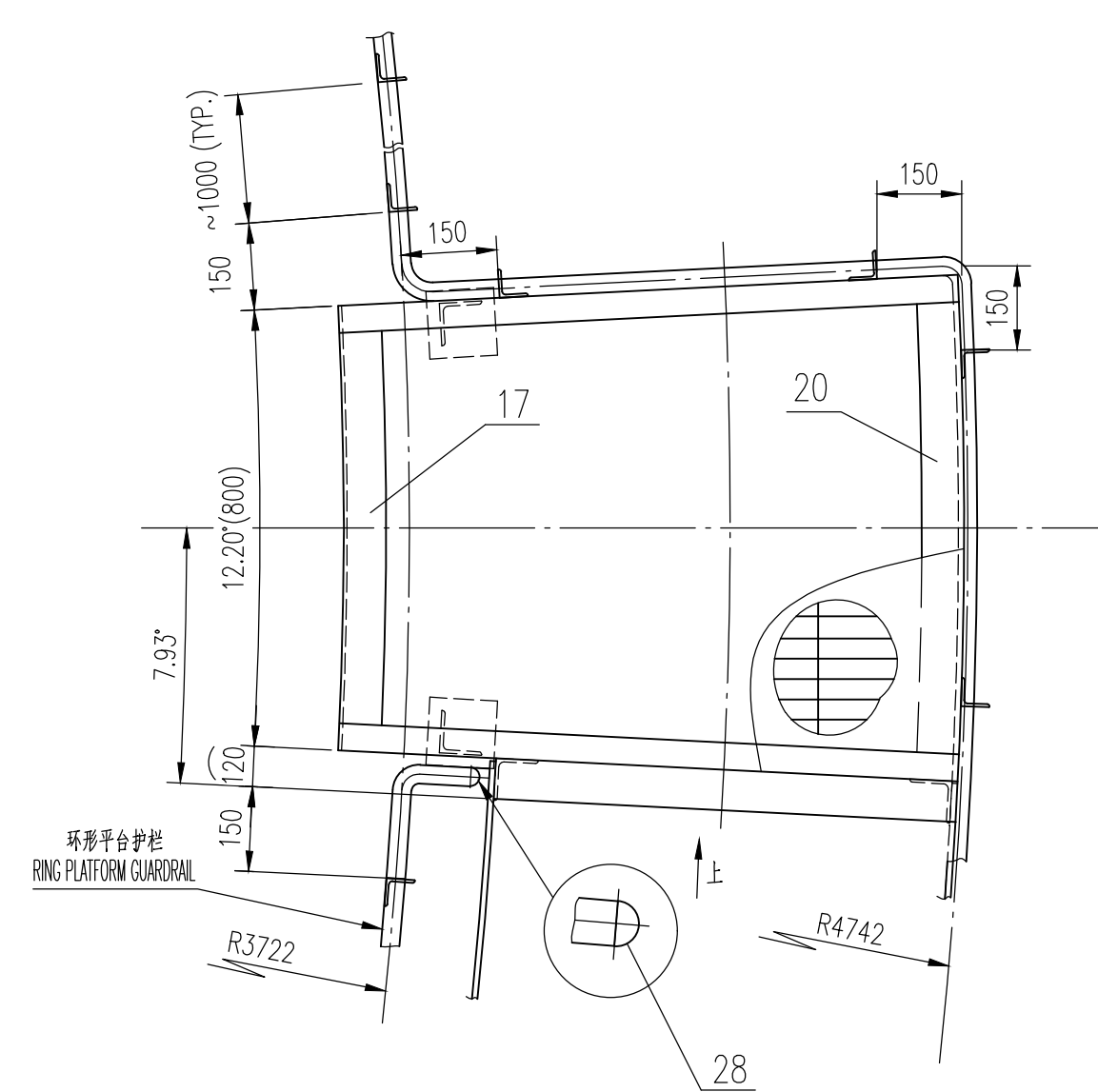
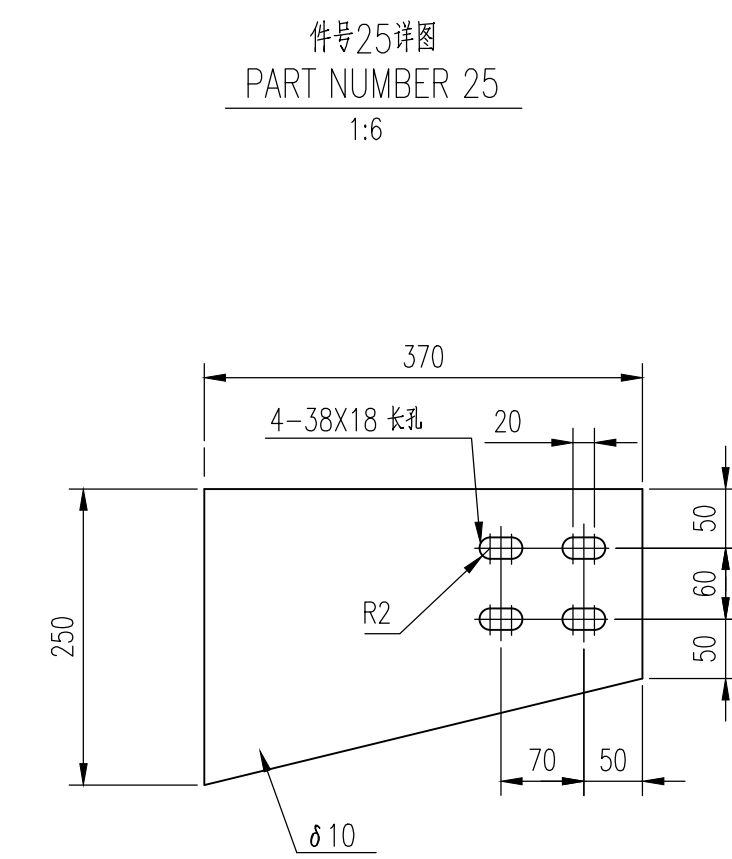
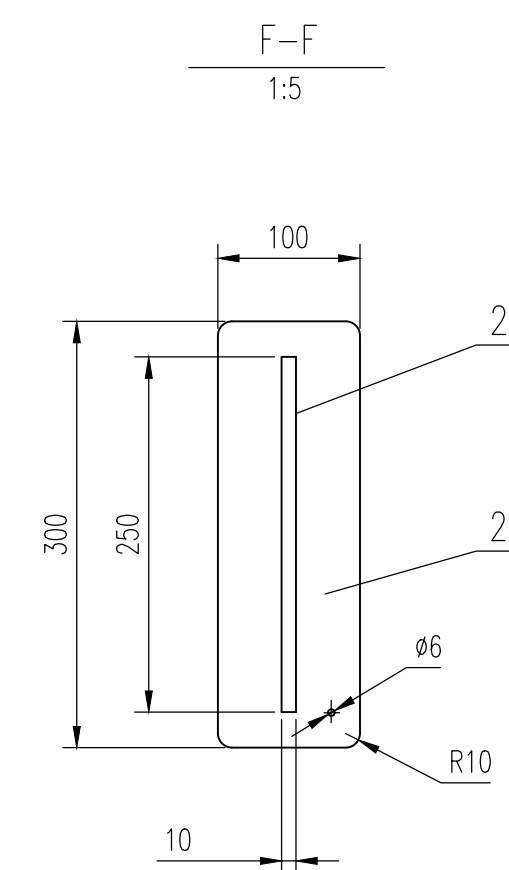
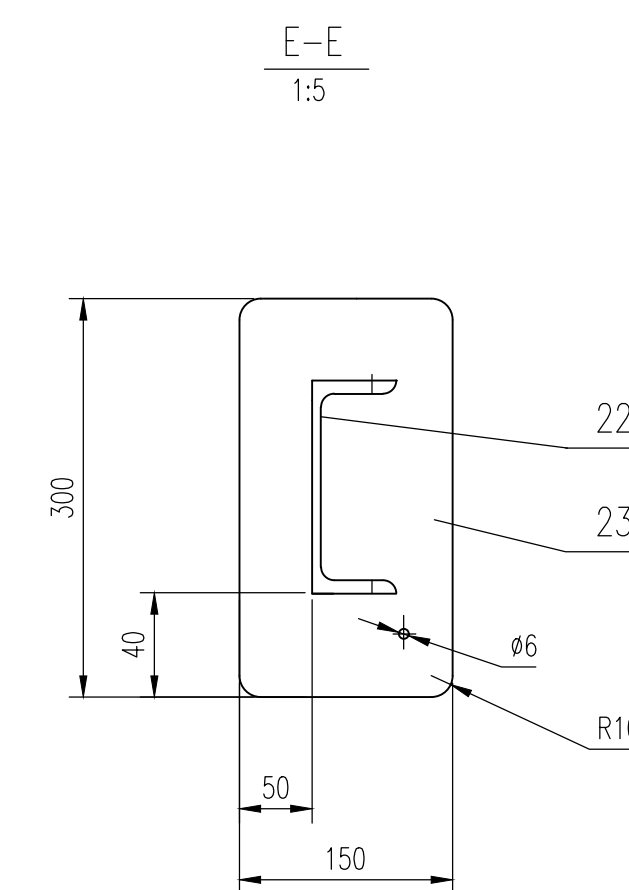
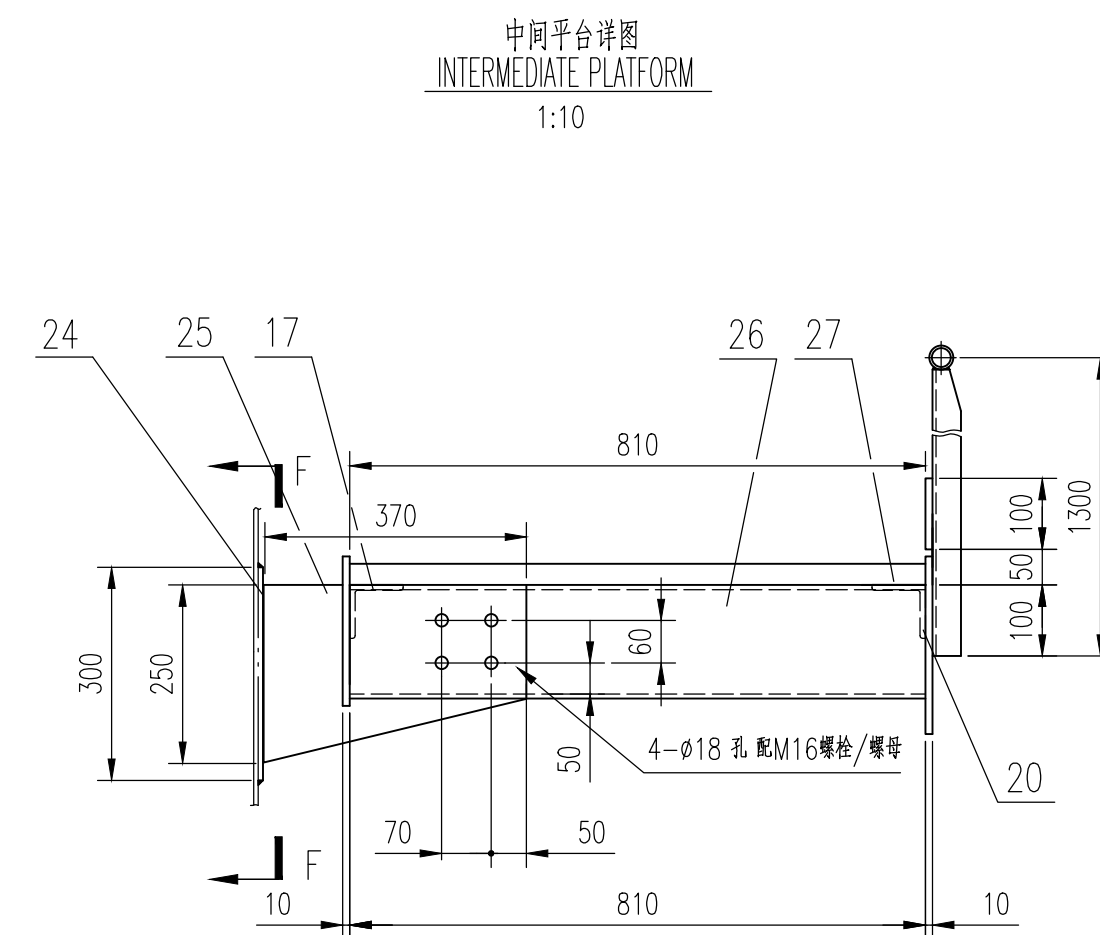
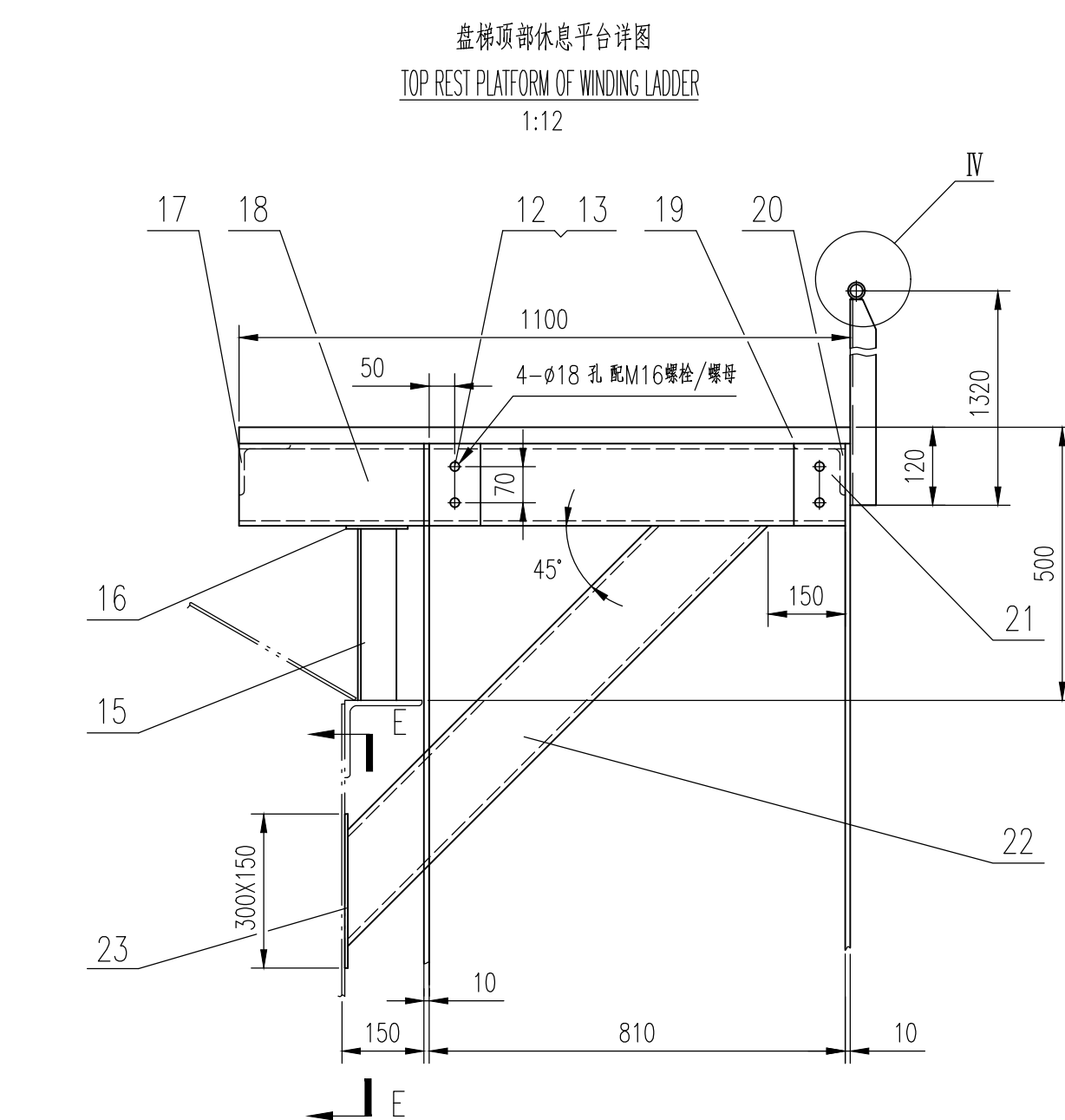
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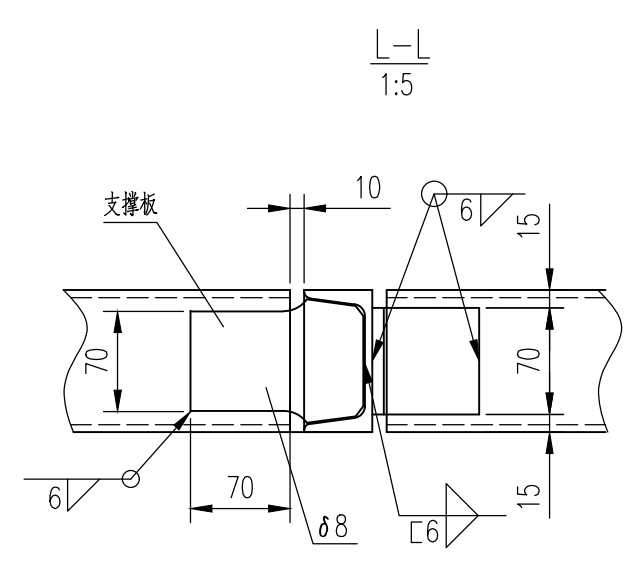
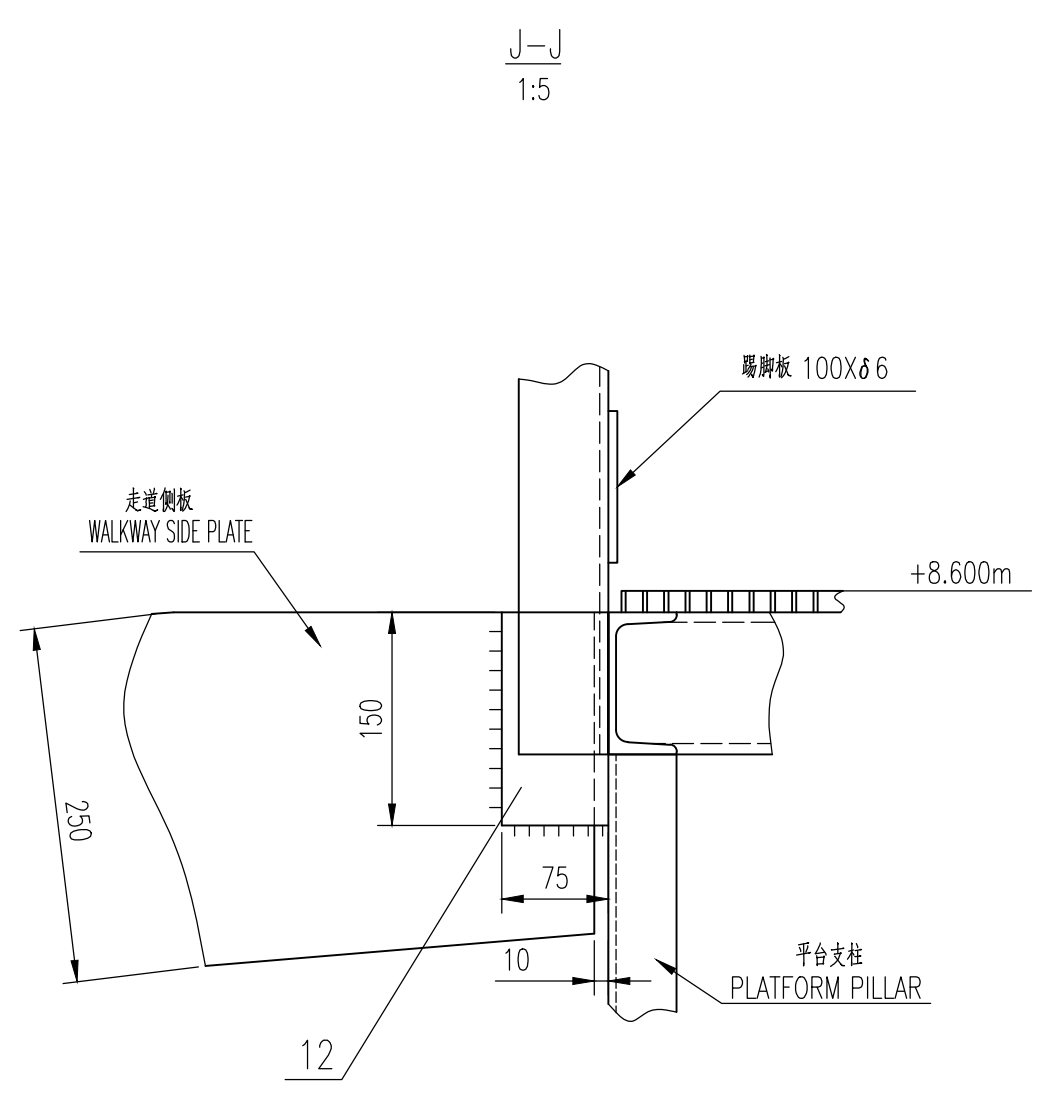
Technical Requirements

1. 罐顶按GB50128—2014《立式圆筒形钢制焊接储罐施工规范》进行检验、检测和验收。
The tank roof shall be manufactured, inspected, and accepted in accordance with GB50128—2014 "Code for Construction of Vertical Cylindrical Steel Welded Storage Tanks."
2. 罐顶开孔应位于罐顶焊缝上,且与罐壁接合处焊缝之间距离不得小于300mm。开孔方可直接焊接,必要时适当调整,但应保证焊缝位置。
Openings on the tank roof shall avoid roof stiffeners and maintain a minimum distance of 300mm from roof plate lap welds. The opening orientation may be adjusted as needed on site, subject to approval by the design department.
3. 罐顶板接合处焊缝一侧为连续满焊,罐内一侧用间断焊,焊缝末端按图采用封焊,以形成连续角焊缝。
For roof plate lap fillet welds, the outer side shall be continuously fully welded. When intermittent welding is used on the inner side, unwelded portions shall be seal welded to form continuous fillet welds.
4. 罐顶板焊接应用真空箱法进行密封性能试验,负压为53KPa,持压不少于5s。
Roof plate welds shall undergo vacuum box testing for tightness at a negative pressure of 53KPa, held for no less than 5 seconds.
5. 预加热的扇形板在吊装堆放的过程中应采取有效措施防止变形。
Pre-fabricated sector roof plates shall be handled with proper measures during hoisting and stacking to prevent deformation.
6. 罐板按供样单,罐板尺寸应为最终成型尺寸,未考虑焊接收缩等因素。
The plate layout is for reference only. The plate assembly dimensions are final formed dimensions and do not account for factors such as welding shrinkage.

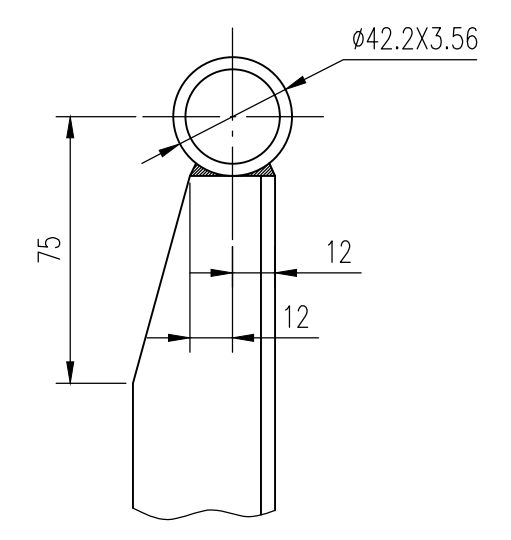
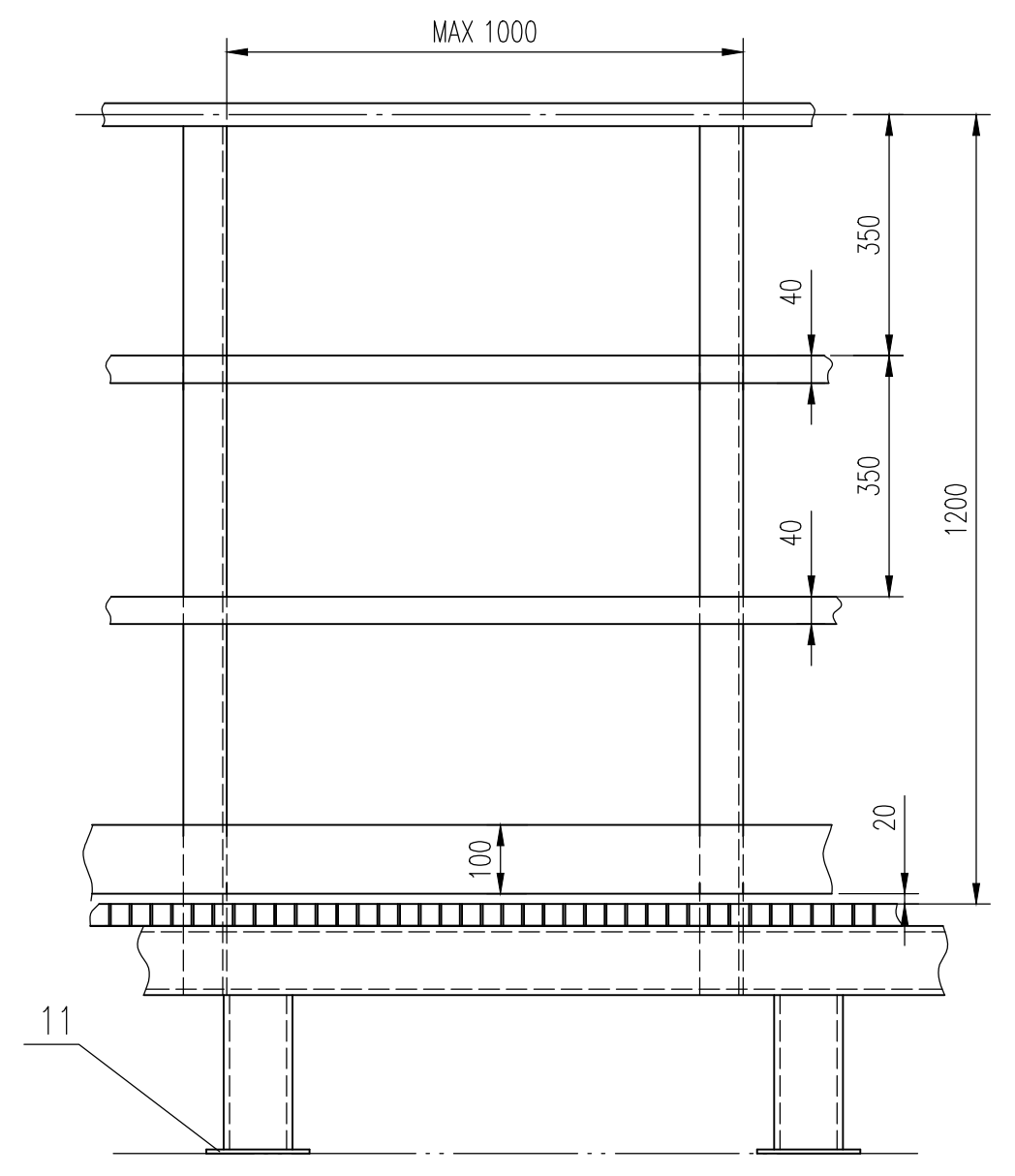
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3	加强板 60X6 REINFORCING RIB		1根	S30408		166	L=57800		
2	中心顶板 86 CENTRAL ROOF		1	S30408		107			
1	顶板 86 CEILING		16	S30408	149	2384			
件号 No.	图号或标准号 DWG. OR STAND. No.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	单UNIT 重量WEIGHT(kg)	总TOTAL	备注 REMARKS		
D00	详细工程设计/DETAILED ENGINEERING DESIGN		徐淑松	王恩俊	赵银峰	2025.6.20			
REV.	DESCRIPTION		DEGNO	CHGKD	APPRO	AUTHD	DATE		
 PT PETRO OXO NUSANTARA									
 WUHAN ENGINEERING CO., LTD. <small>MUST NOT BE COPIED, TRANSMITTED OR USED WITHOUT PERMISSION OF WUHAN ENGINEERING CO., LTD.</small>			30,000 TPA NEOPENTYL GLYCOL PROJECT						
METHANOL STORAGE TANK ROOF DETAIL DRAWING ITEM NO:V-4103A/B			Neopentyl Glycol Plant						
			Detailed Engineering Design						
			22150-V4103-005						D00
SPECI	EQUIPMENT	AREA	—	SCALE	1:45	SHT.1	OF 1		



D00	详细工程设计 / DETAILED ENGINEERING DESIGN	徐淑松	王恩俊	赵银峰					2025.6.20
REV.	DESCRIPTION	DESIGN	CHECK	APPROV	AUTHD				DATE
 P T PETRO OXO NUSANTARA									
 WUHAN ENGINEERING CO., LTD. <small>MUST NOT BE COPIED, TRANSMITTED TO OTHERS OR USED WITHOUT PERMISSION OF WUHAN ENGINEERING CO., LTD.</small>		30,000 TPA NEOPENTYL GLYCOL PROJECT							
METHANOL STORAGE TANK DISK LADDER AND TANK TOP PLATFORM DETAIL DRAWING (3/4) ITEM NO-V-4103A/B		Neopentyl Glycol Plant							
		Detailed Engineering Design							
		22150-V4103-006							D00
SPECI	EQUIPMENT	AREA	—	SCALE	1:60	SHT.3	OF 4		



Technical drawing of a crane hook and its supporting structure. The drawing shows a side view of a crane hook (1) with a rope (2) passing over it. The hook is supported by a vertical beam (3) which is part of a larger structure (4). A horizontal beam (5) is attached to the vertical beam. A force K is applied to the horizontal beam. The drawing includes dimensions: 150x100 for the base, 800 for the length of the horizontal beam, and +8.600m for the height of the structure. A scale bar is shown at the bottom right.

[illegible]