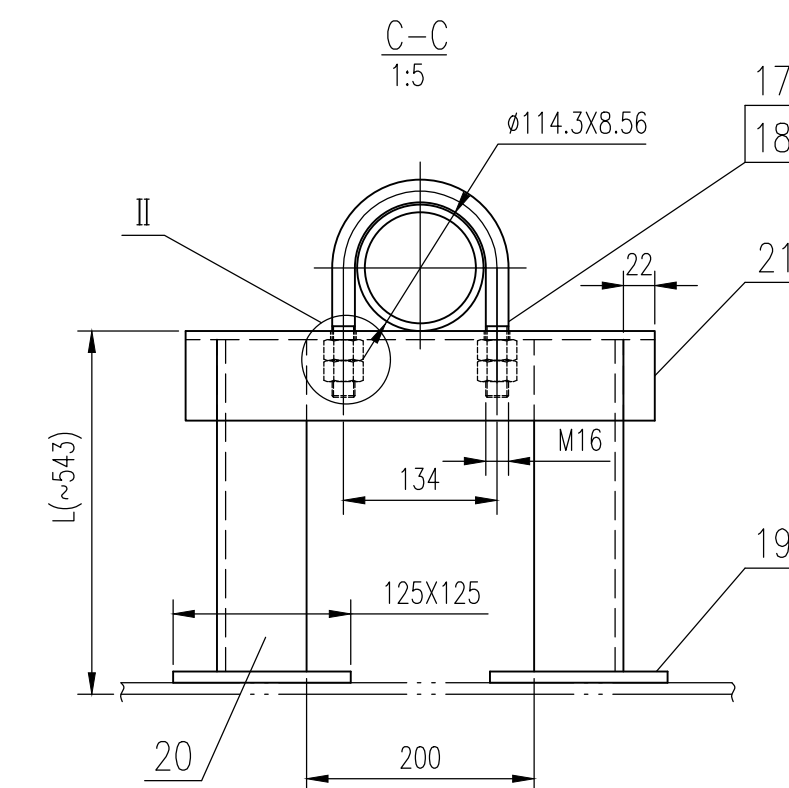
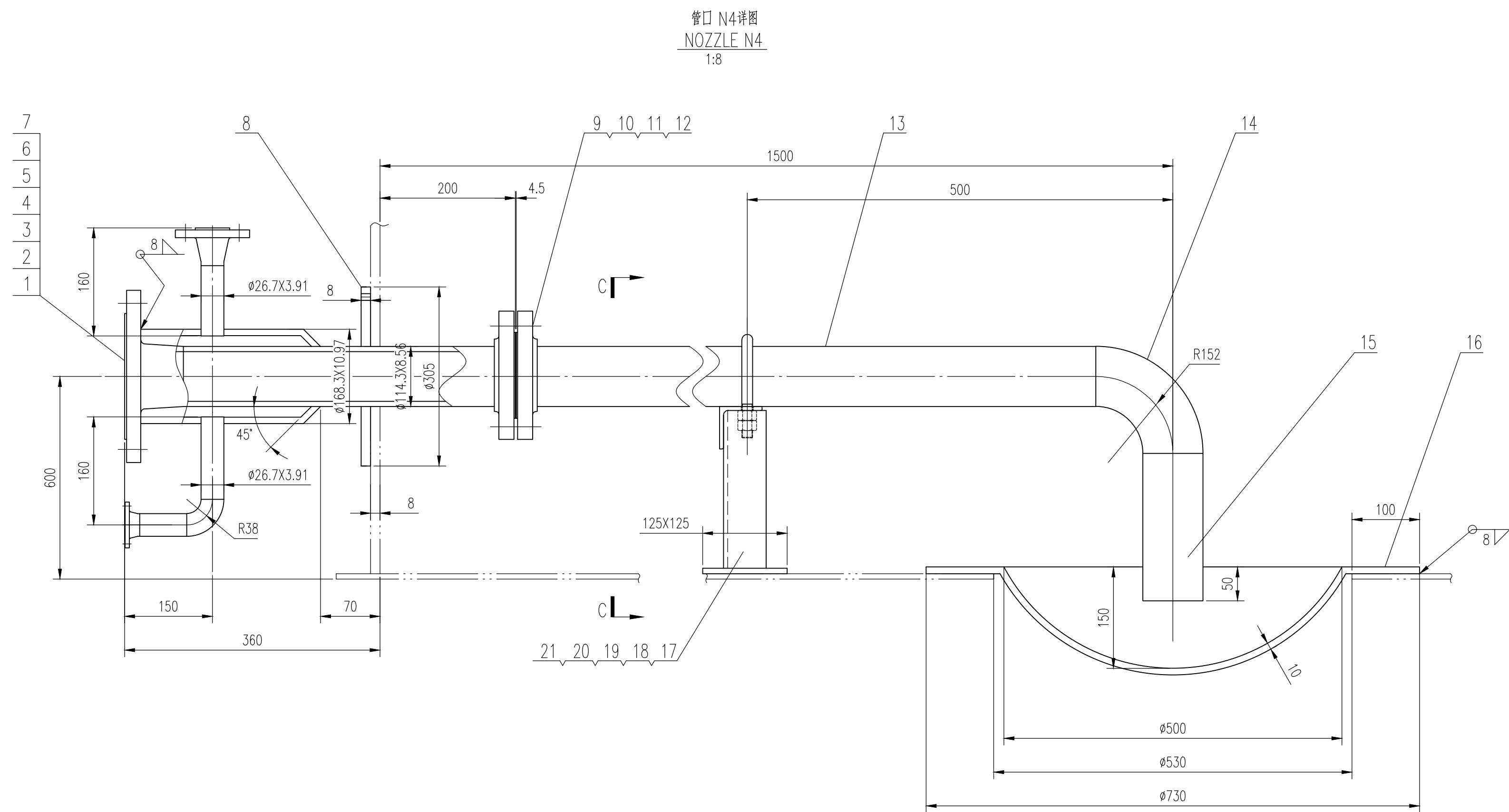
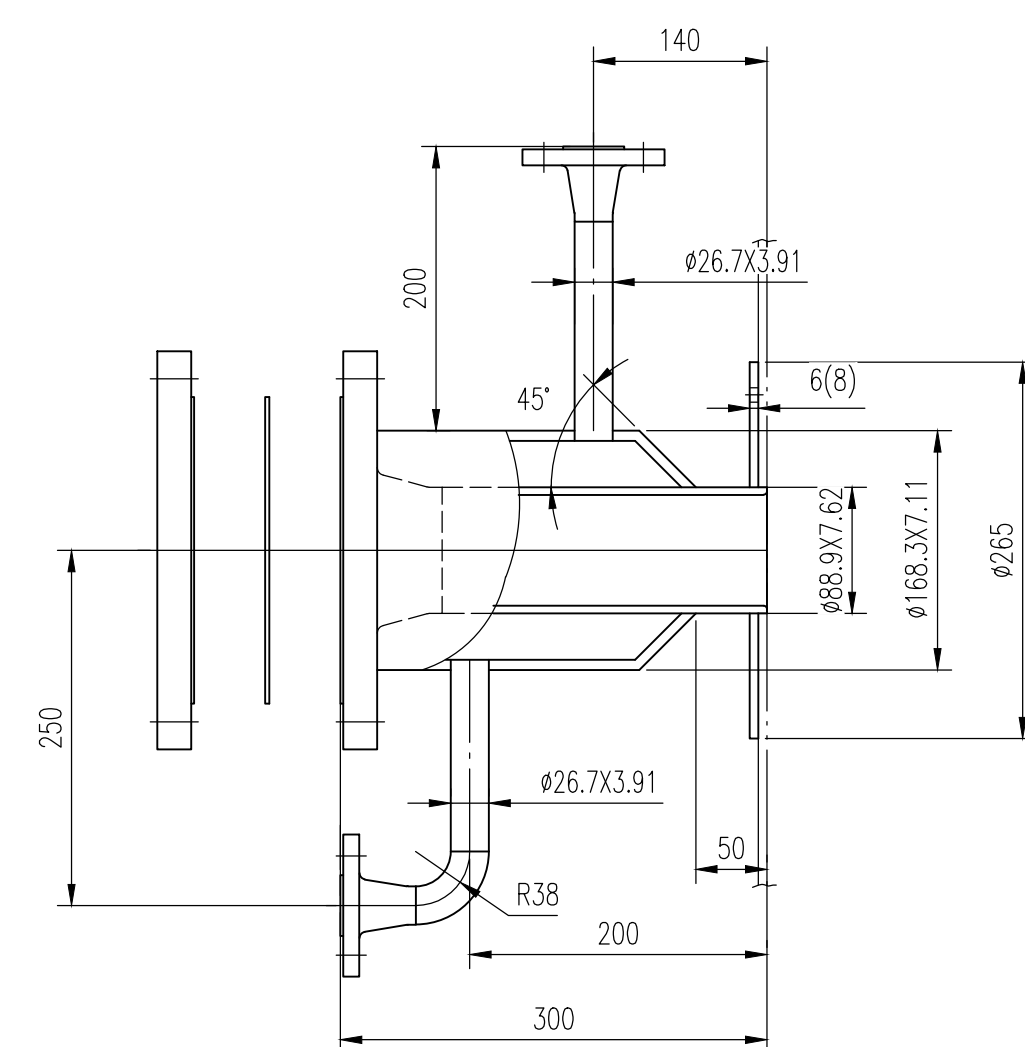
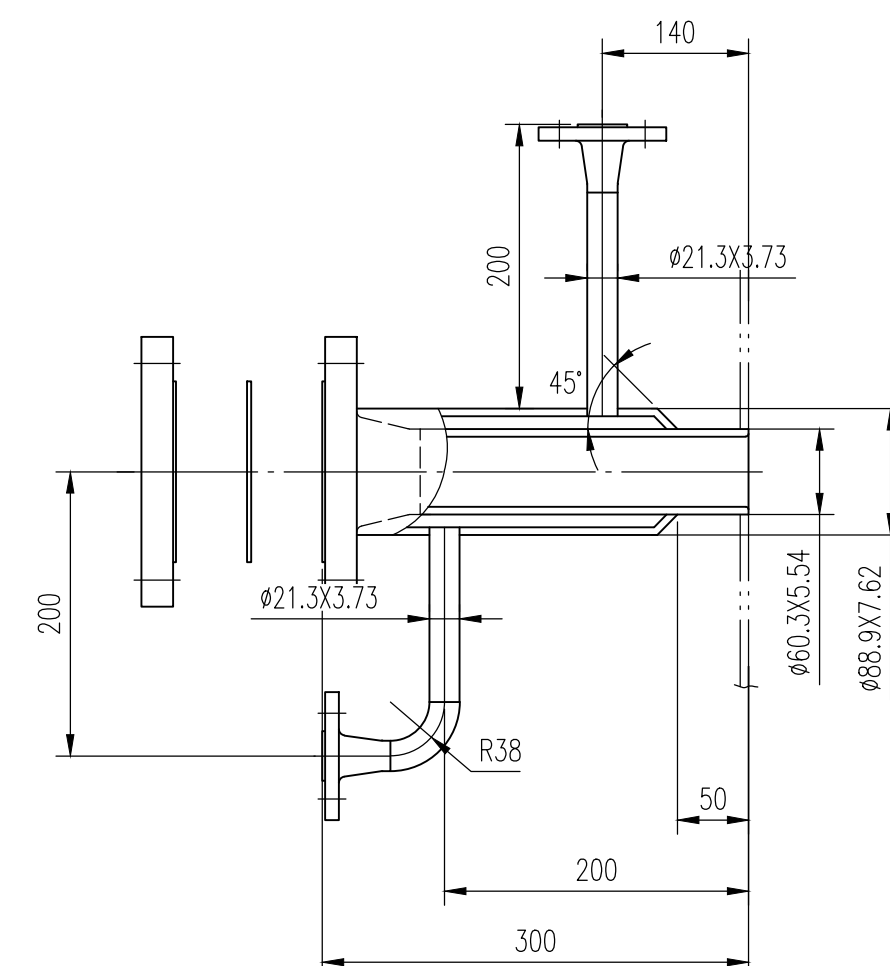
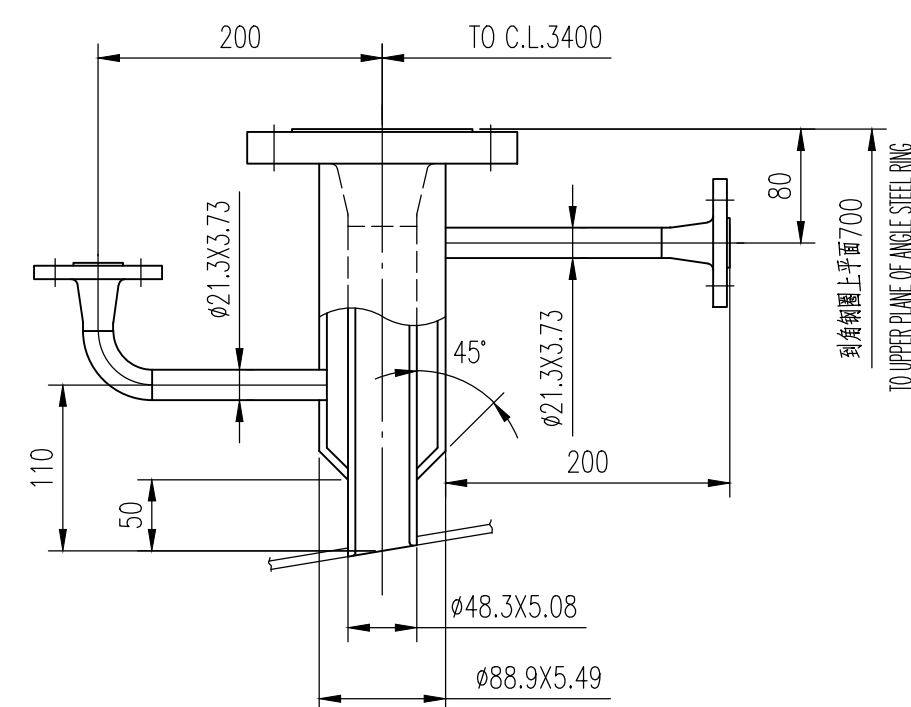
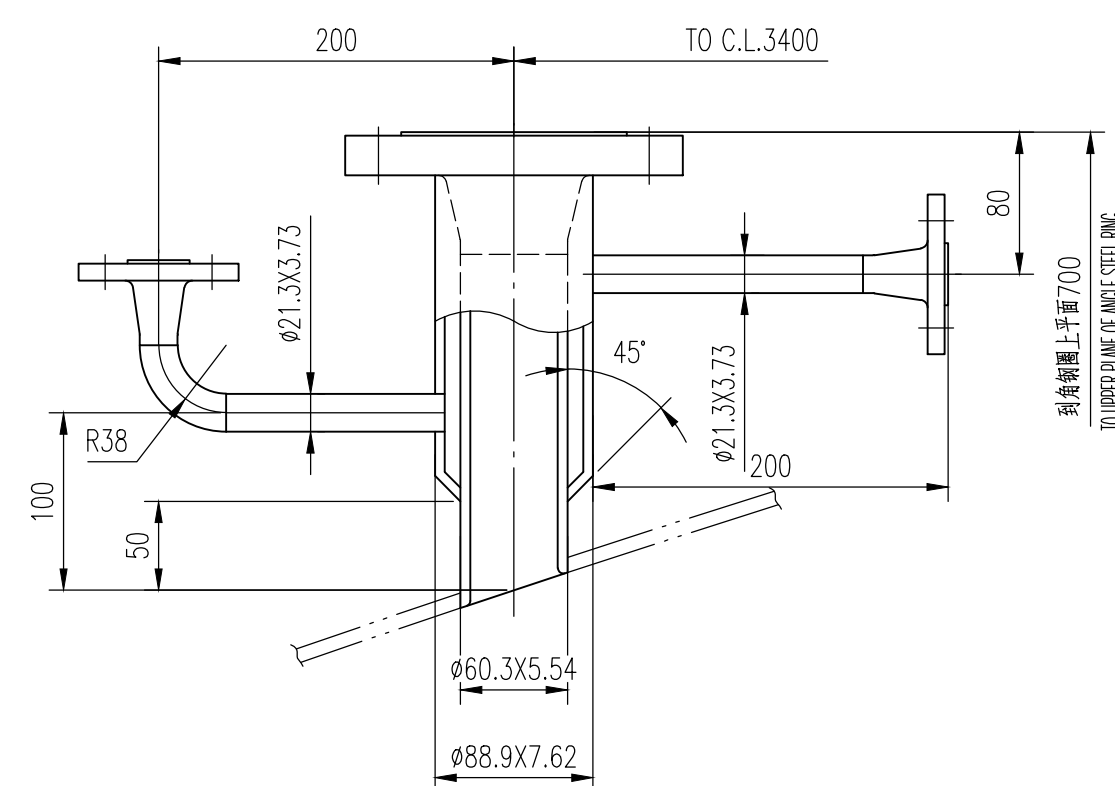
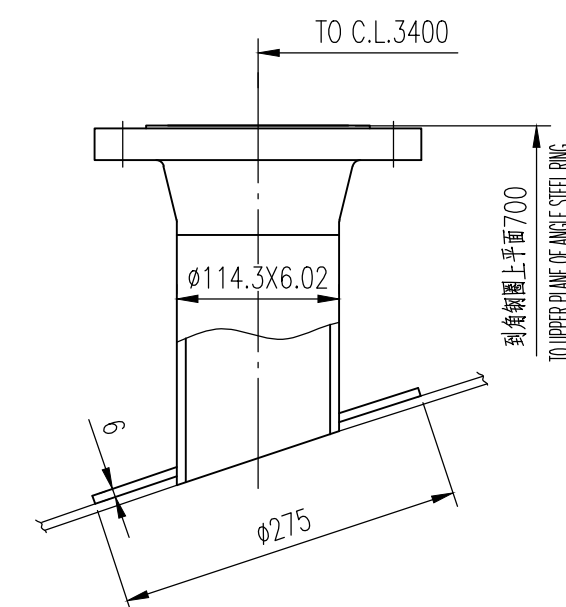
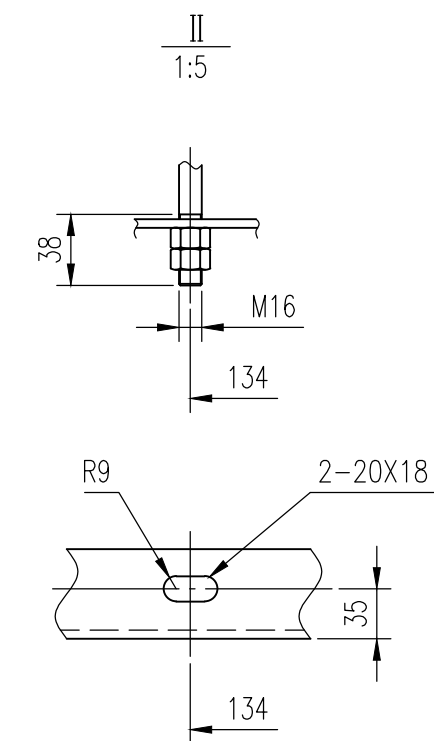


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14		垫板 350X350X8 PAD	16	S30408	7.78	124.5	
13		管帽 φ20 GUSSET	32	Q235B	5.26	168.32	
12		盖板 φ32 COVER PLATE	16	Q235B	12.97	207.52	
11		垫板 160X100X8 20 PAD	16	Q235B	2.52	40.32	
10		接地板 φ10 EARTH PLATE	2	S30408	0.44	0.88	
9	21250-V4104-007	支撑 SUPPORT	1	组合件		5068	
8	21250-V4104-008	保温支撑 THERMAL INSULATION SUPPORT	1	组合件		479	
7	21250-V4104-002	管箍 WRODLE PIPE	1	组合件		1645	
6	21250-V4104-005	吊钩 GUEUNG	1	组合件		3936	
5	21250-V4104-006	主梯脚踏平台 SKID LADDER AND TANK TOP PLATFORM	1	组合件		5085	
4	21250-V4104-004	螺帽 NUT	1	组合件		13350	
3	STD-EQ-001.5	立式螺母垫板 NAME PLATE	1	S30408		0.254	
2	STD-EQ-001.20	螺母托架 1-V-110 NUT PLATE BRACKET	1	S30408		2.19	
1	21250-V4104-003	底板 BASEBOARD	1	组合件		4178	
件号	图号或标准号 DWG. OR STAND. No.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单UNIT/总 重量WEIGHT(kg)		备 注 REMARKS

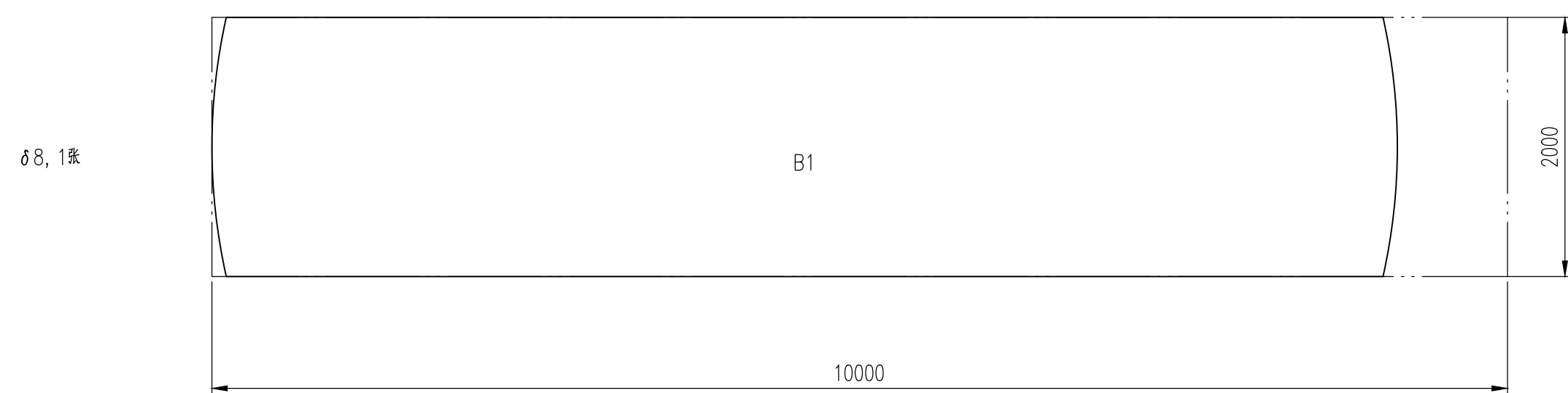
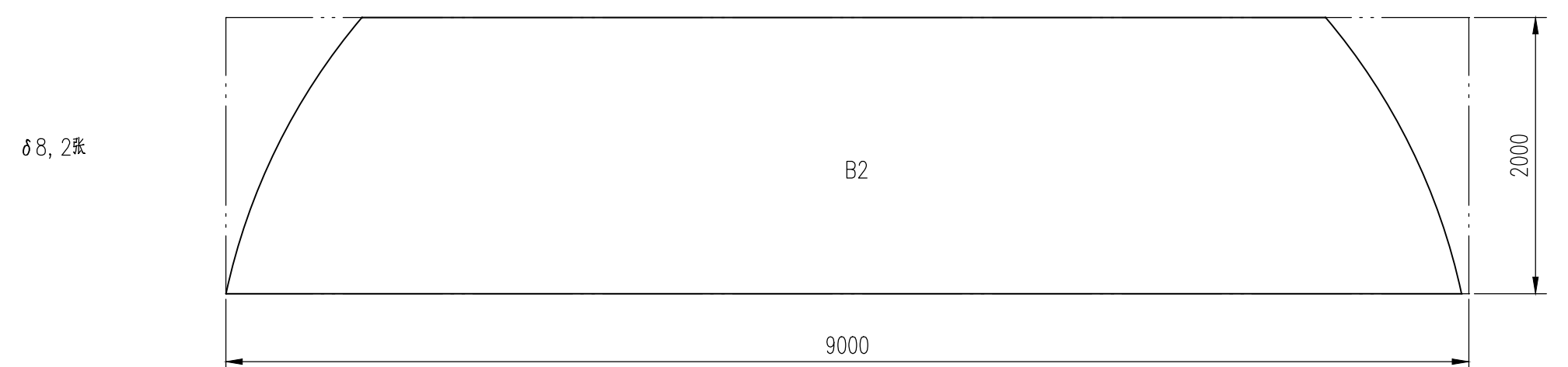
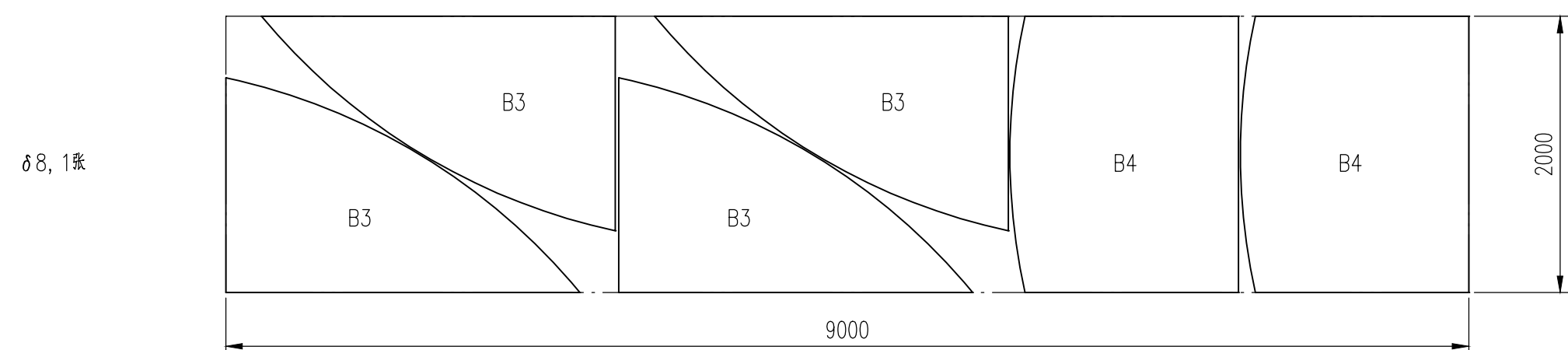
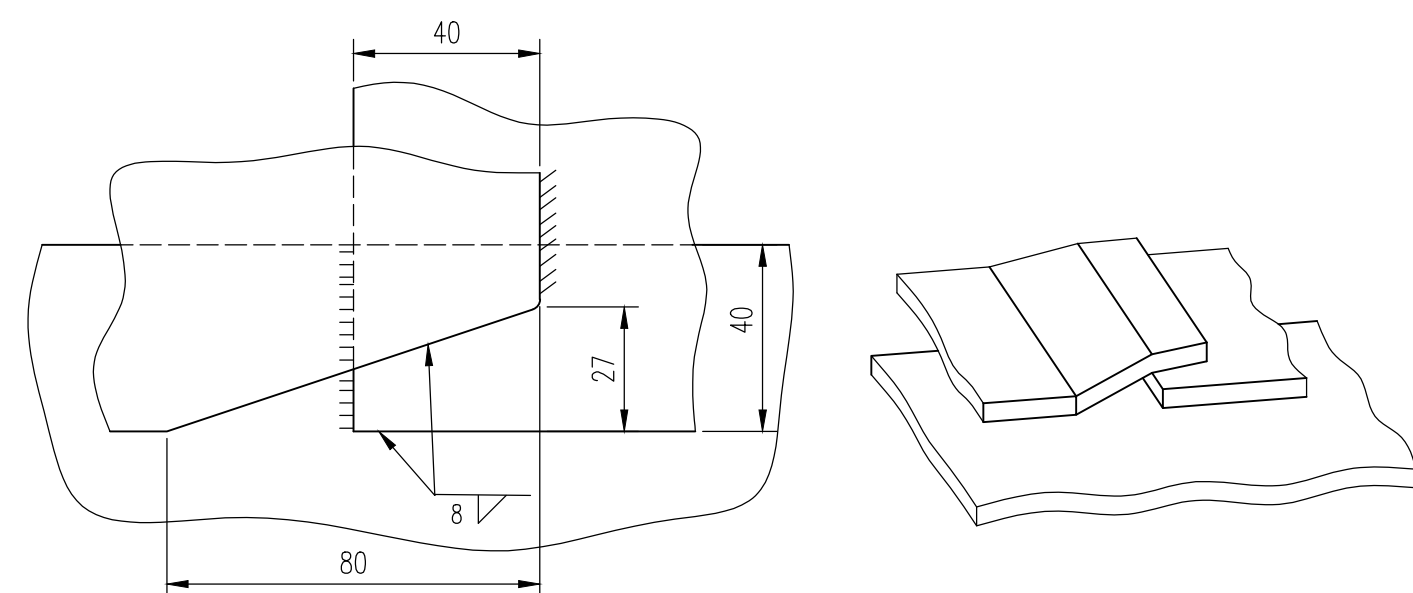
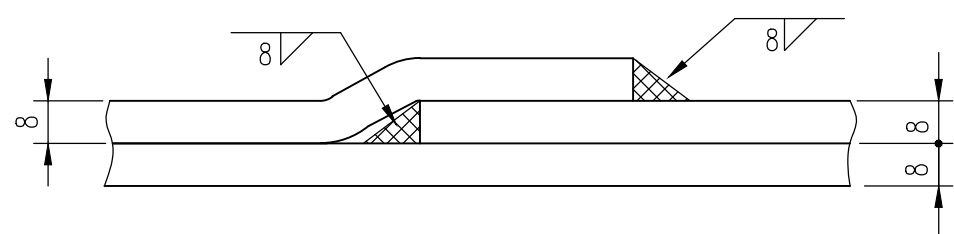
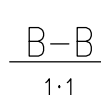
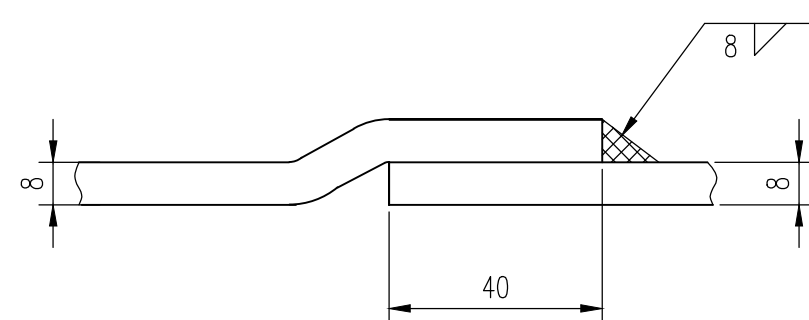
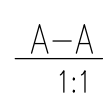
设计制造检验主要数据表 DESIGN/FABRICATION/INSPECTION DATA									
标准规范 STANDARD AND CODE					设计参数 DESIGN DATA				
<ul style="list-style-type: none">立式圆筒形带控制接管焊接工艺规范 GB 50341—2014 CODE FOR DESIGN OF VERTICAL CYLINDRICAL WELDED STEEL OIL TANKS立式圆筒形带控制接管焊接施工规范 GB 50128—2014 CODE FOR CONSTRUCTION OF VERTICAL CYLINDRICAL WELDED STEEL OIL TANKS					设计压力 DESIGN PRESSURE kg/cm ² 0.051/-0.0051 工作压力 OPERATING PRESSURE kg/cm ² 0.01 设计温度 DESIGN TEMPERATURE °C 152 操作温度 OPERATING TEMPERATURE °C 70				
NB/T 47014-47015-2023, NB/T 47018.2-2017, GB/T 324-2008					储存介质 STORAGE FLUID NPG 水溶液 (注5) NPG AQUEOUS SOLUTION (NOTE 5)				
E308-16(S30408)					设计密度 DESIGN DENSITY kg/m ³ 968.3				
除注明外,两材料连接焊缝,当焊缝的厚度尺寸按表要求厚度,该连接按表要求按相关标准标注的规范 OTHERWISE SPECIFIED IN THE DRAWING, CONTINUOUS WELD SHALL BE PERFORMED, THE LEG OF FILLET WELDS SHALL BE EQUAL TO THE THINNER PLATE; THE WELDING OF FLANGE SHALL BE IN ACCORDANCE WITH RELEVANT STANDARD					设计温度 DESIGN TEMPERATURE °C 152 操作温度 OPERATING TEMPERATURE °C 70				
焊接接头类别 JOINT CATEGORY 按规范及图纸要求 AS PER CODE AND DRAWING					腐蚀裕量 CORROSION ALLOWANCE mm 0				
罐底焊接接头 JOINT OF BOTTOM 按规范及图纸要求 AS PER CODE AND DRAWING					焊接接头系数 JOINT EFFICIENCY OF SHELL 罐壁: 底圈 0.85/其他 0.9 SHELL: BOTTOM 0.85/OTHER 0.9				
罐顶焊接接头 JOINT OF SHELL 按规范及图纸要求 AS PER CODE AND DRAWING					公称容积 NOMINAL VOLUME m ³ 500				
角接+埋弧焊 TJ JOINT OF FILLET WELD 按规范及图纸要求 AS PER CODE AND DRAWING					最大储存容量 MAXIMUM CAPACITY m ³ 487				
密封性试验 LEAKAGE TEST 罐底焊接接头, 真空箱法 (-53kPa) JOINT OF BOTTOM, VACUUM BOX (-53kPa)					基本风压 REFERENCE WIND PRESSURE Pa 400				
最高试验液位 MAX. TEST HEIGHT mm 7650					基本雪压 REFERENCE SNOW PRESSURE Pa 0				
耐压试验压力 PRESSURE OF PROOF PRESSURE TEST kg/cm ² 0.064					地面粗糙度 TERRAIN ROUGHNESS A(0.15g)				
充水试验 HYDROSTATIC TEST 固定顶式试验压力 FIXED ROOF TEST PRESSURE kg/cm ² 0.051 固定顶式试验压力 FIXED ROOF TEST PRESSURE kg/cm ² -0.015					抗震设防烈度 (加速度) SEISMIC PROTECTION INTENSITY (ACCELERATION) 设计地震分组 DESIGN SEISMIC GROUP 第三组 GROUP 3				
净重/自重 kg 34400					正常操作 NOR. OPERATING kg ---				
其中 kg ---					最大操作 MAX. OPERATING kg ---				
充水 kg 487000					最低日-日平均环境温度 LOWEST ONE-DAY MEAN AMBIENT TEMP. °C 21				
内件 INTERNAL 3500 (保温) 3500 (THERMAL INSULATION)					呼吸阀/泄放装置 BREATHING VALVE / RELIEF DEVICE 见注 13 (NOTE 13)				
外附件 EXTERNAL 3500 (保温) 3500 (THERMAL INSULATION)					热处理 HEAT TREATMENT ---				
其他 OTHER ---					罐壁外压试验压力 LIFTING EXTERNAL TEST PRESSURE kg/cm ² ---				
注: 1. NB/T 47013.1-47013.2-2015 (including amendment order), NB/T 47013.3-2023, NB/T 47013.4-47013.5-2015, NB/T 47013.10-2015. 2. NB/T 47013.1-47013.2-2015 (excluding amendment order), NB/T 47013.3-2023, NB/T 47013.4-47013.5-2015, NB/T 47013.10-2015.									
管口表 NOZZLE TABLE									
序号 SYMBOL	用途或名称 USE OR NAME	数量 QTY.	公称尺寸 NPS	公称压力 RATING	连接标准及形式 STANDARD AND TYPE/FACE	接管规格 PIPE SPECIFICATION	接管长度 PIPE LENGTH		
N1	进料口 (管径) INLET (INWARD EXTENSION)	1	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	4800		
N2	出料口 OUTLET	1	6X8	Class150	SH/T 3426 JWN/RF	φ168.3X10.97/ φ219.1X12.7	4860		
N3	即进即出 (管径) BOTH CONNECTION WIND EXTENSION	1	6X8	Class150	SH/T 3426 JWN/RF	φ168.3X10.97/ φ219.1X12.7	4860		
N4	导流口 DRAINAGE	1	4X6	Class150	SH/T 3426 JWN/RF	φ114.3X8.56/ φ168.3X10.97	4860		
N5	备用口 (管径三通) SPARE CONNECTION (W/V)	1	4X6	Class150	SH/T 3426 JWN/RF	φ114.3X8.56/ φ168.3X10.97	4860		
N6	氮封气口 NITROGEN SEALING INLET	1	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	见图 SEE DRAW		
N7	呼吸阀口 SINGLE-ACTING VALVE	1	3	Class150	ASME B16.5 WN/RF	φ88.9X7.62	见图 SEE DRAW		
N8	呼吸阀口 BREATHING VALVE	1	4	Class150	ASME B16.5 WN/RF	φ114.3X8.56	见图 SEE DRAW		
N9	紧急人孔 EMERGENCY MANHOLE	1	24	Class150	ASME B16.5 WN/RF	φ610X8	见图 SEE DRAW		
N11	液相平衡手接口 LIQUID GAS PHASE BALANCE PORT	1	1-1/2X3	Class150	SH/T 3426 JWN/RF	φ48.3X5.08/ φ57.1X6.35	见图 SEE DRAW		
LG1/2	液相连接管口 (管径三通) LG CONNECTION (W/V)	2	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	4800		
LG3/4	液相连接管口 (管径三通) LG CONNECTION (W/V)	2	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	4800		
LT1/2	液相连接管口 (管径三通) LI CONNECTION (W/V)	2	3X6	Class150	SH/T 3426 JWN/RF	φ88.9X7.62/ φ168.3X10.97	4800		
T1	罐顶液相管口 (管径三通) TG CONNECTION (W/V)	1	1-1/2	Class150	ASME B16.5 WN/RF	φ48.3X5.08	4700		
T2	气相液相管口 (管径三通) TG CONNECTION (W/V)	1	1-1/2	Class150	ASME B16.5 WN/RF	φ48.3X5.08	4700		
P1	液相液相管口 (管径三通) PG CONNECTION (W/V)	1	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	见图 SEE DRAW		
P2	液相液相管口 (管径三通) PI CONNECTION (W/V)	1	2X3	Class150	SH/T 3426 JWN/RF	φ60.3X5.54/ φ68.9X7.62	见图 SEE DRAW		
F	消防孔 FIRE	1	3	Class150	ASME B16.5 WN/RF	φ88.9X7.62	4650		
M1	人孔 MANHOLE	1	24	PN16	HG/T 21521 WN/RF	φ630X12	见图 SEE DRAW		
M2	人孔 MANHOLE	1	20	PN16	HG/T 21518 WN/RF	φ530X12	H=400		
A1~9	罐顶外盘管管口 HEAT EXCHANGER INLET/OUTLET ON THE TOP	9	1	Class150	ASME B16.5 WN/RF	φ33.4X4.55	见图 SEE DRAW		
B1~9	罐顶外盘管管口 HEAT EXCHANGER INLET/OUTLET ON THE TOP	9	1	Class150	ASME B16.5 WN/RF	φ33.4X4.55	见图 SEE		
C1~8	罐壁液相管口 HOT WTER INLET OF TANK CROSS-PIPE	8	1-1/2	Class150	ASME B16.5 WN/RF	φ48.3X5.08	4700		
D1~8	罐壁气相管口 HOT WTER INLET OF TANK CROSS-PIPE	8	1-1/2	Class150	ASME B16.5 WN/RF	φ48.3X5.08	4700		
G1,2	罐底液相管口 HOT WTER INLET OF TANK CROSS-PIPE	2	2	Class150	ASME B16.5 WN/RF	φ60.3X5.54	4700		
H1,2	罐底气相管口 HOT WTER OUTLET OF TANK CROSS-PIPE	2	2	Class150	ASME B16.5 WN/RF	φ60.3X5.54	4700		
II~15	伴热口 ACCOMPANYING HEAT INLET	15	注9	Class150	ASME B16.5 WN/RF	注9 Note 9	见图		
O1~15	伴热口 ACCOMPANYING HEATING EXPORT	15	注9	Class150	ASME B16.5 WN/RF	注9 Note 9	见图		
注: 1) 除图中另有注明外, 管壁上接管长度是指设备中心线到法兰面之间的垂直距离。 EXCEPT INDICATED ON THE DWG, THE PROJECTION IS THE DIMENSION FROM FLANGE SURFACE TO EQUIPMENT CENTER LINE.									



L: THIS VALUE IS DETERMINED ON SITE ACCORDING TO THE POSITION OF THE TANK BOTTOM PLATE WHERE THE SUPPORTING BEAM IS LOCATED, SO AS TO ENSURE THAT THE CENTER OF THE NOZZLE COINCIDES WITH THE CENTER LINE OF THE N9 PORT FLANGE.





D00	详细工程设计 / DETAILED ENGINEERING DESIGN			徐淑松	向冲	赵银峰			2025.6.20
REV.	DESCRIPTION			DEGND	CHEKD	APPRD	AUTHD	DATE	
 PT PETRO OXO NUSANTARA									
 MUST NOT BE COPIED, TRANSMITTED OR USED WITHOUT PERMISSION OF WUHUAN ENGINEERING CO., LTD.				30,000 TPA NEOPENTYL GLYCOL PROJECT					
NPG AQUEOUS SOLUTION STORAGE TANK DETAIL DRAWING OF NOZZLE ITEM No.:V-4104(2/3)				Neopentyl Glycol Plant Detailed Engineering Design 22150-V4104-002					D00
SPECI	EQUIPMENT	AREA	—	SCALE	1:30	SHT.2		OF 3	

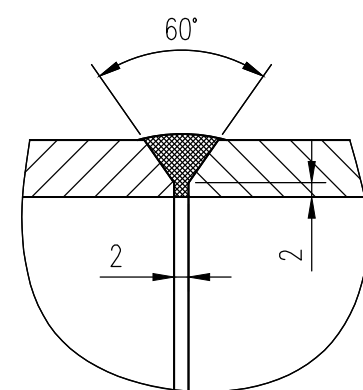
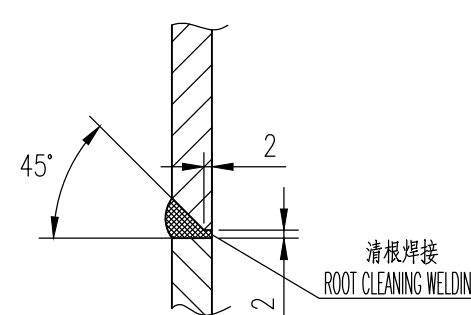
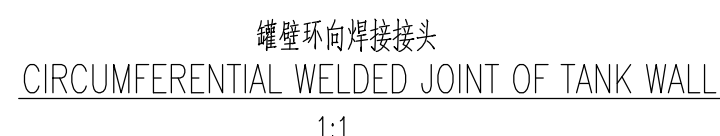
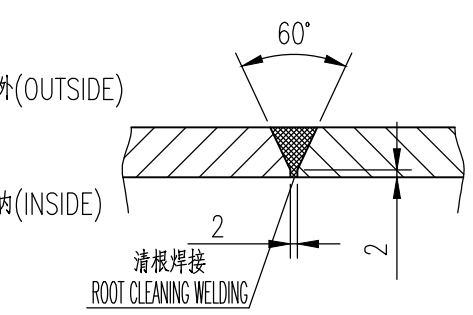
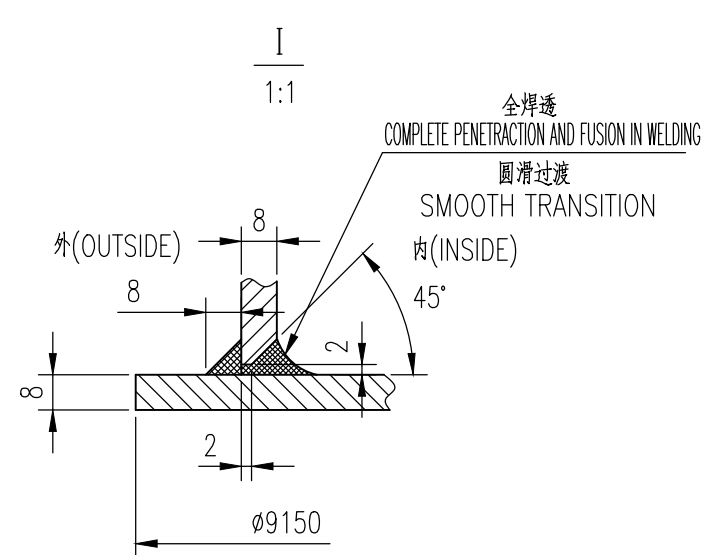
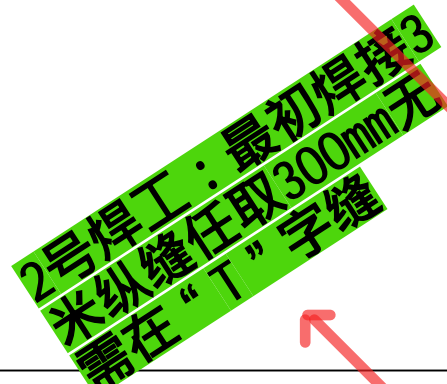
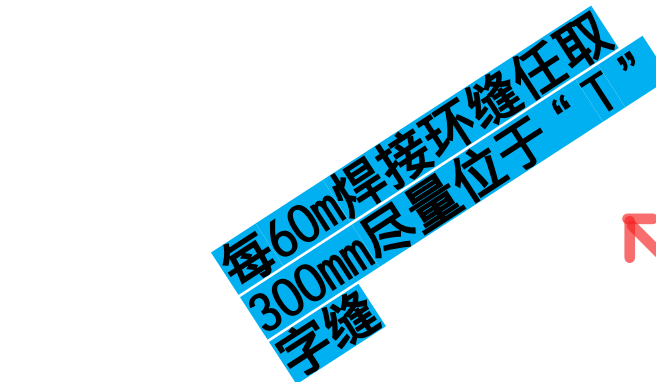
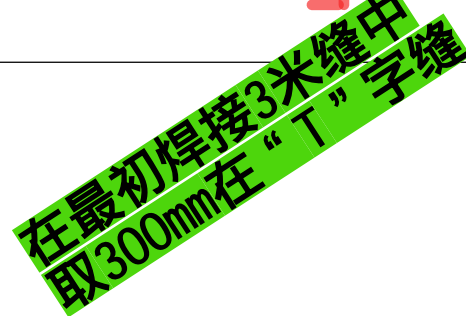
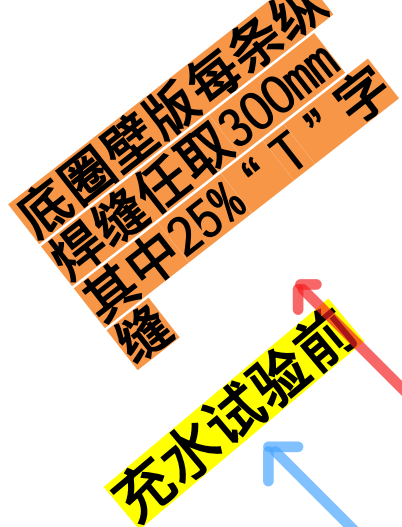


技术要求 Technical Requirements

1. 螺旋焊按GB50128—2014《立式圆筒形钢质焊接储罐施工规范》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.
2. 技术要求按装配图及相关标准规范的规定。
All technical requirements shall comply with the assembly drawing and relevant standards/specifications.
3. 该图为按示意图，仅供参考。
This drawing provides a schematic plate layout for reference only during construction.
4. 该图尺寸仅供参考计算值，施工单位在下料时应按GB50128—2014中4.3.1条款规定设计直径放大0.1%~0.15%考虑焊缝损耗与焊接收缩。
The dimensions shown are theoretical values. During material cutting, the construction unit shall enlarge the design diameter by 0.1%~0.15% as per GB50128—2014 Section 4.3.1 to account for weld gaps and shrinkage.
5. 螺旋排水槽方位按照管道专业管口方位图。螺旋焊缝时应满足排水槽与焊接缝到板焊接的距离不小于300mm。
The orientation of the bottom drain channel (N4) shall follow the piping nozzle orientation drawing. The plate layout must maintain $\geq 300\text{mm}$ clearance between the drain channel perimeter welds and bottom plate welds.
6. 螺旋排水槽(N4)方位按照管道专业管口方位图。
The positioning of the bottom drain channel (N4) shall conform to the piping nozzle orientation drawing.



总重: 4178 kg

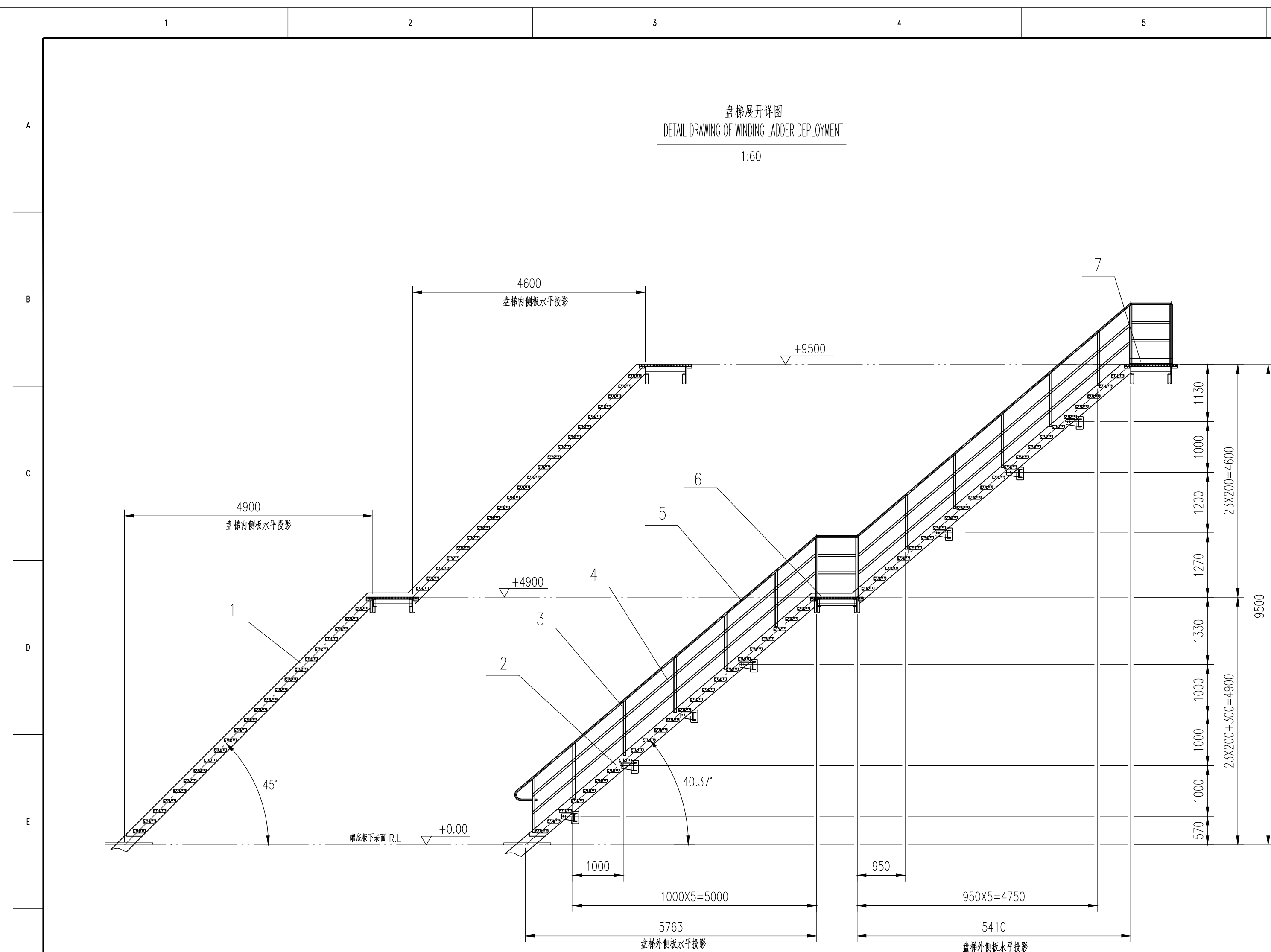
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件号 No.	图号或标准号 DWG. OR STAND. No.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	UNIT	总重量 TOTAL WEIGHT(kg)	备注 REMARKS
D00	详细工程设计 / DETAILED ENGINEERING DESIGN		徐淑松	向冲	赵银峰		2025.6.20
REV.	DESCRIPTION		DEGND	CHECKD	APPRO	AUTHD	DATE
 PT PETRO OXO NUSANTARA							
 WUHUAN ENGINEERING CO., LTD. <small>MUST NOT BE COPIED, TRANSMITTED TO OTHERS OR USED WITHOUT PERMISSION OF WUHUAN ENGINEERING CO., LTD.</small>			30,000 TPA NEOPENTYL GLYCOL PROJECT				
NPG AQUEOUS SOLUTION STORAGE TANK BASEBOARD DETAIL DRAWING ITEM NO:V-4104			Neopentyl Glycol Plant				
			Detailed Engineering Design				
			22150-V4104-003				
			D00				
SPECI	EQUIPMENT	AREA	—	SCALE	1:40	SHT.1	OF 1

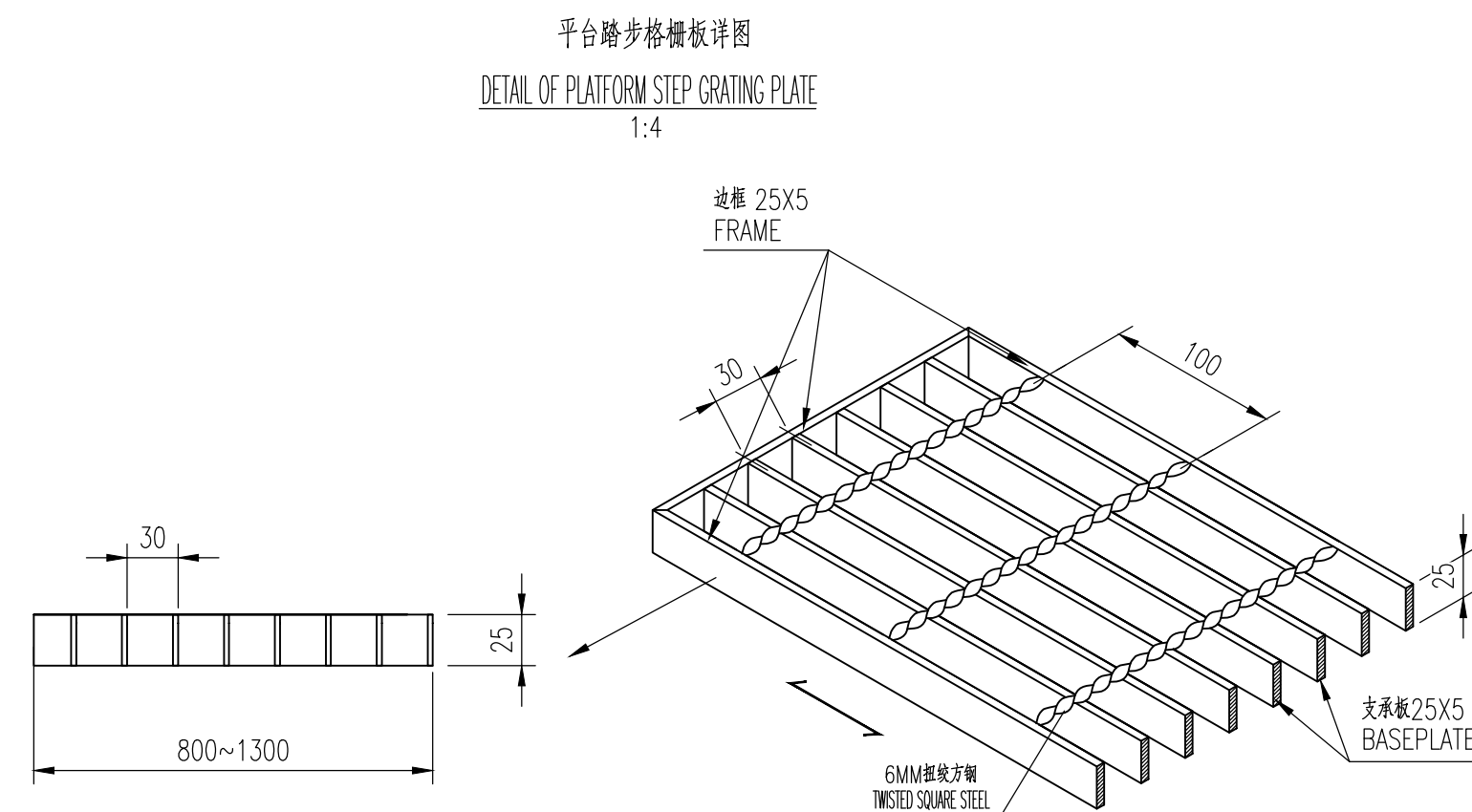
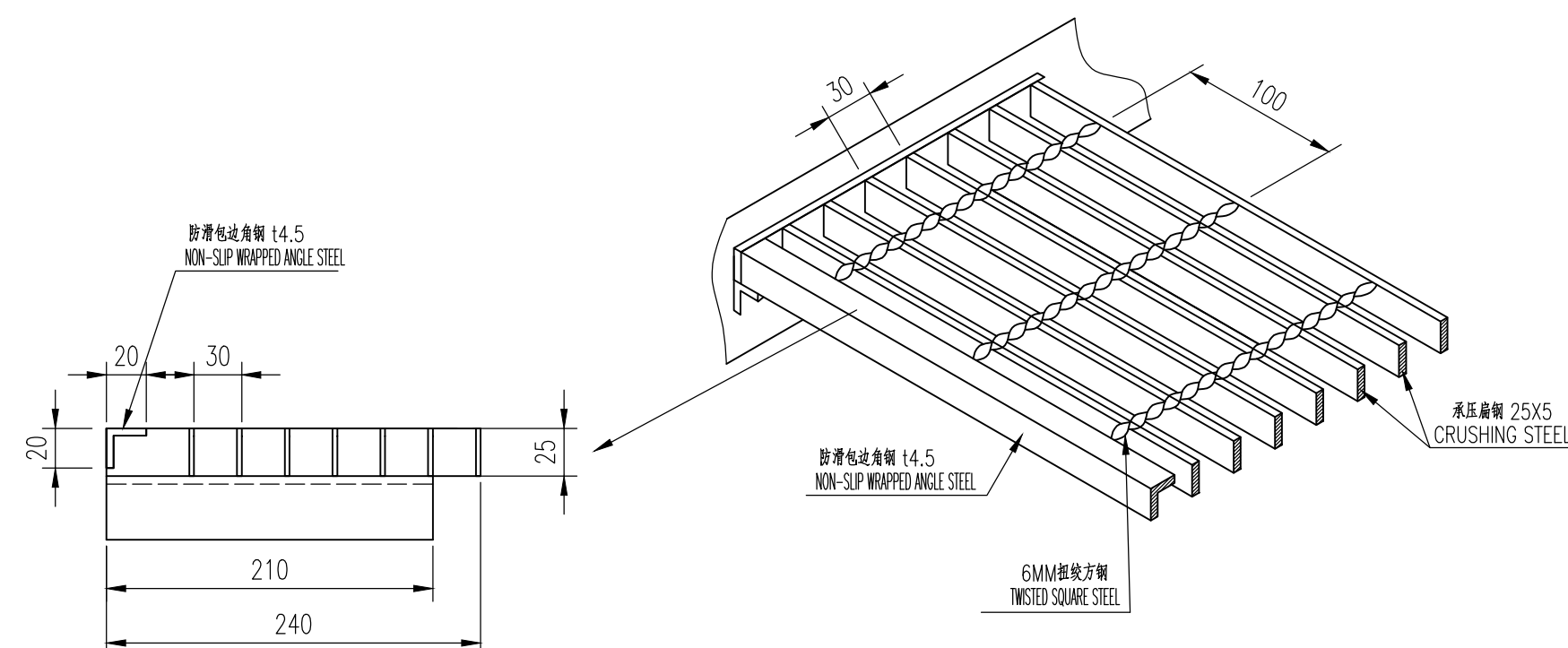
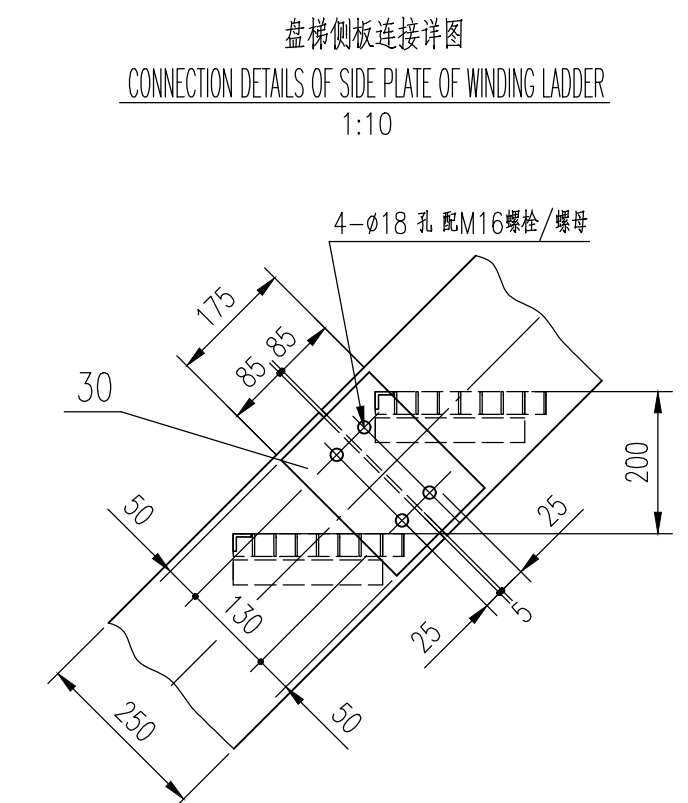
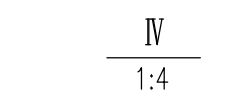
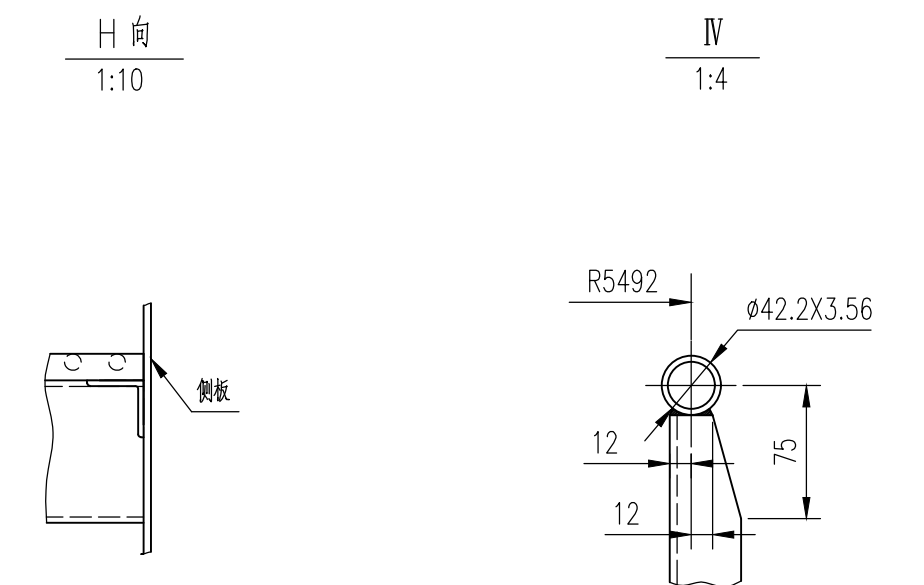
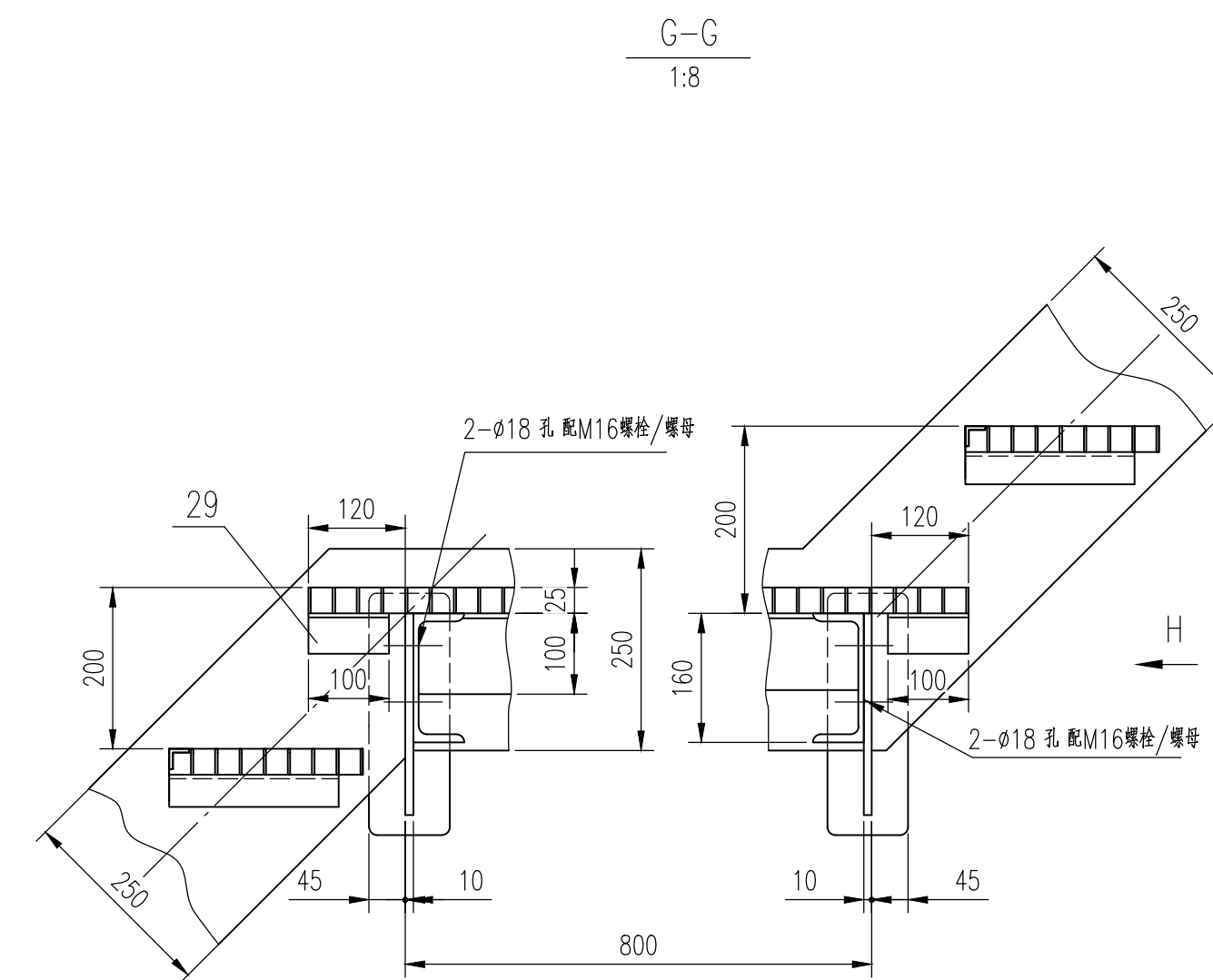
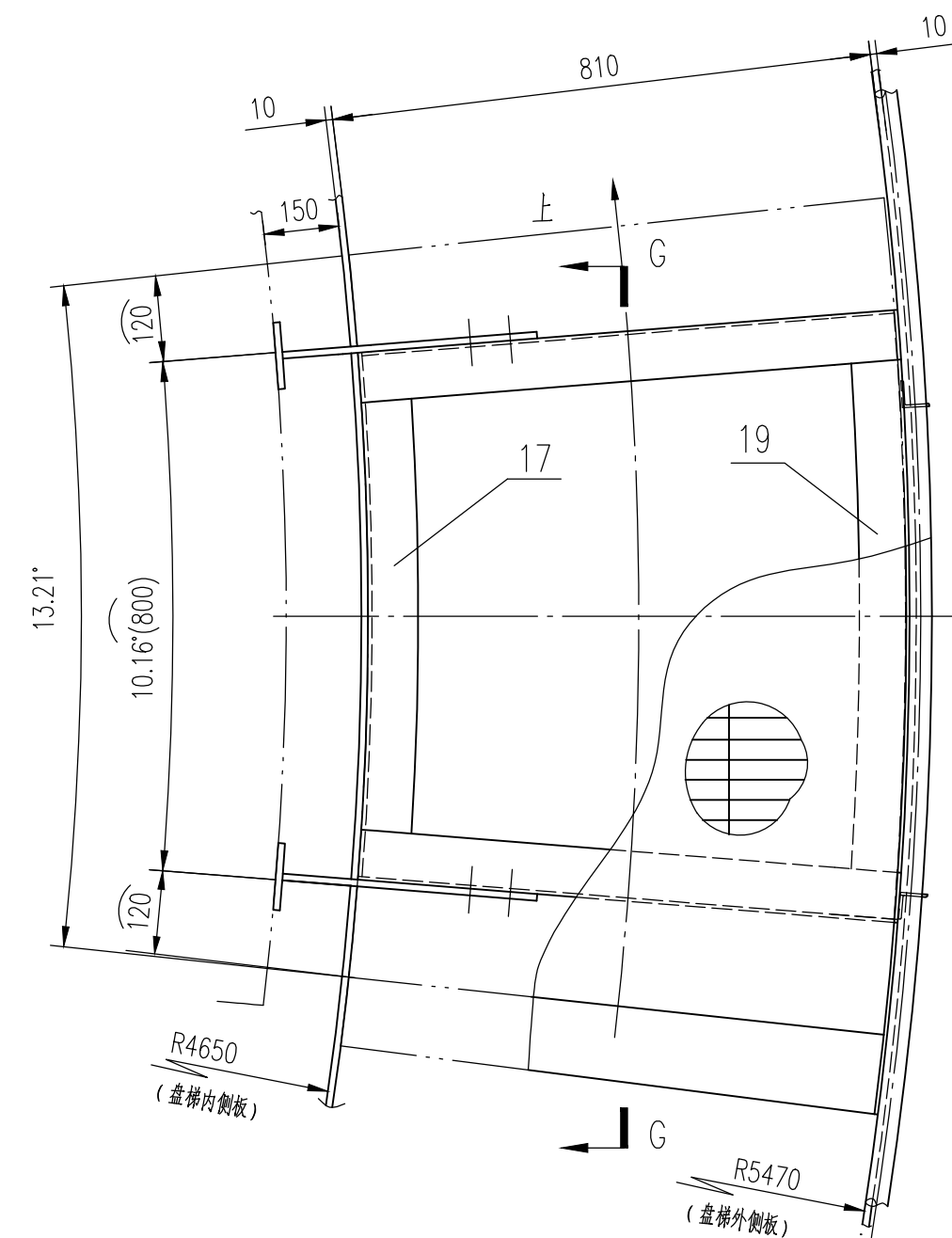
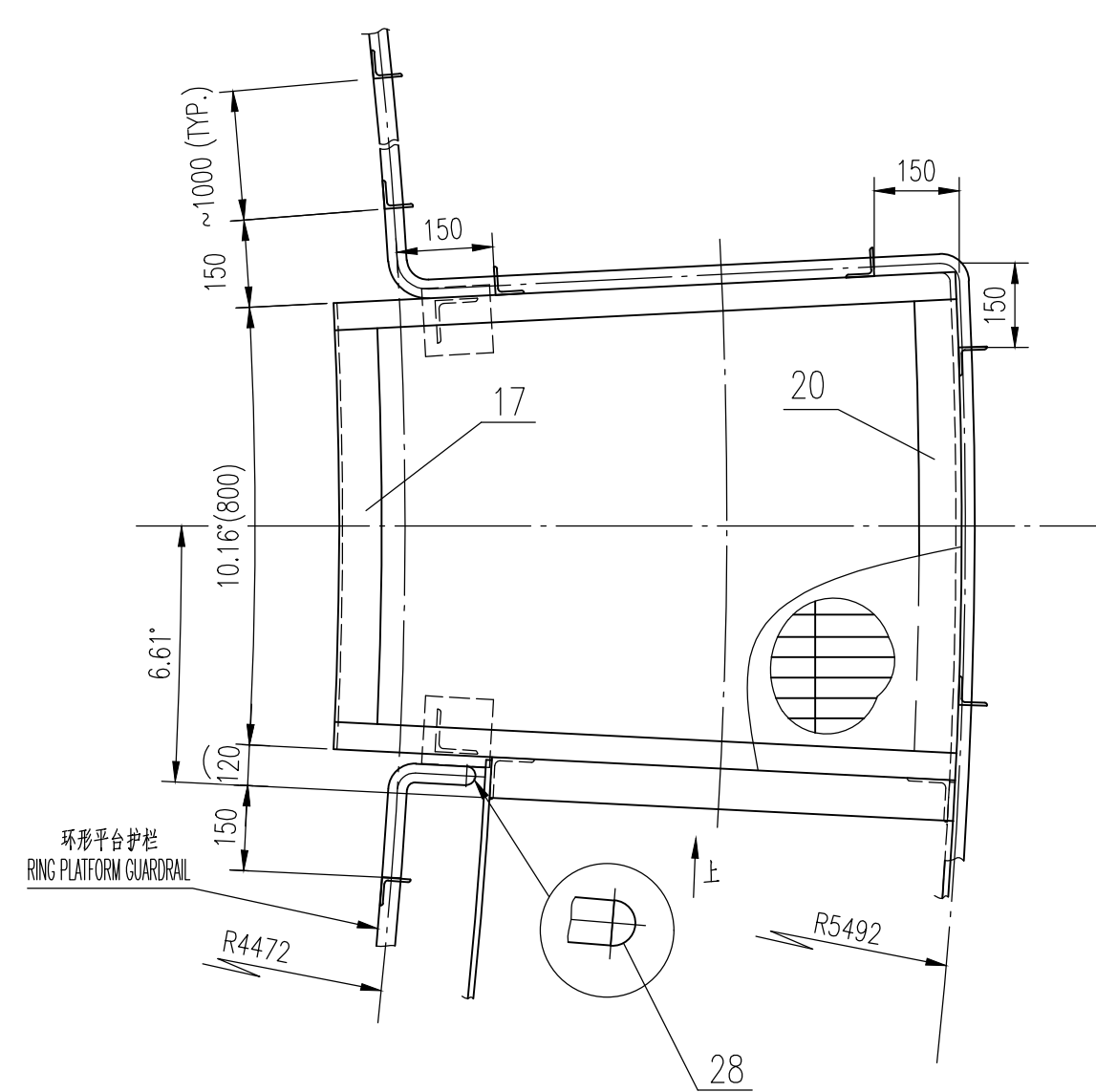
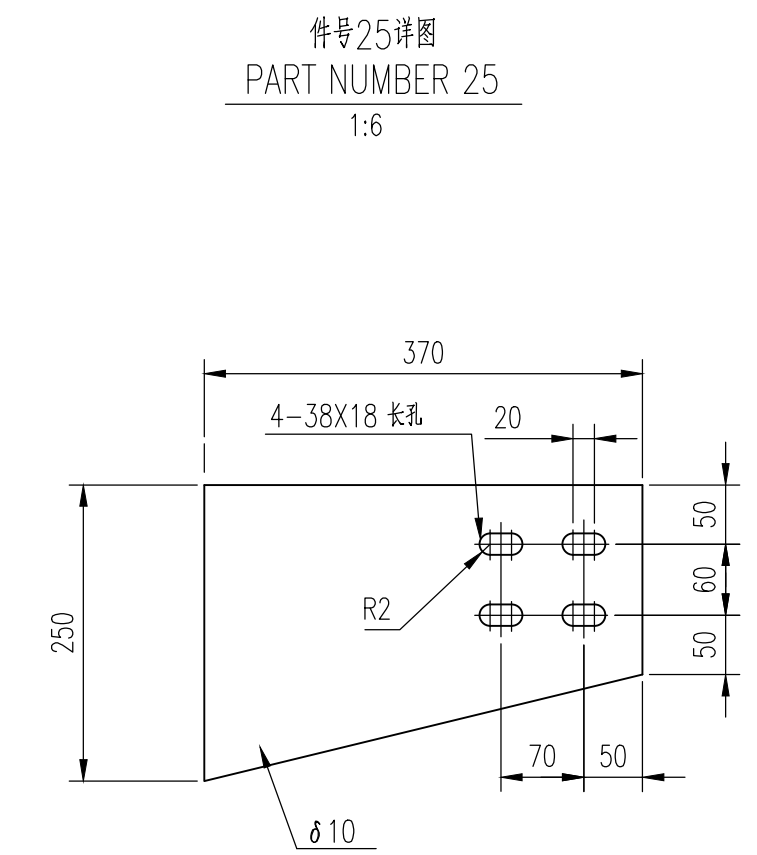
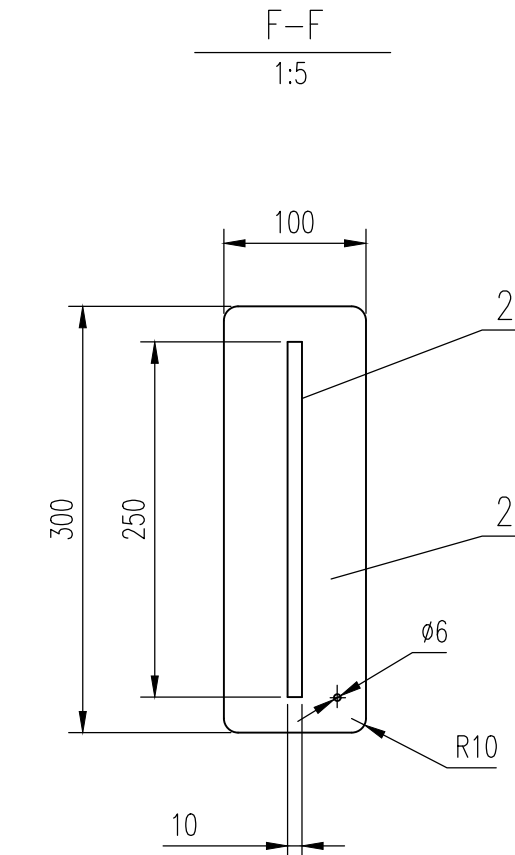
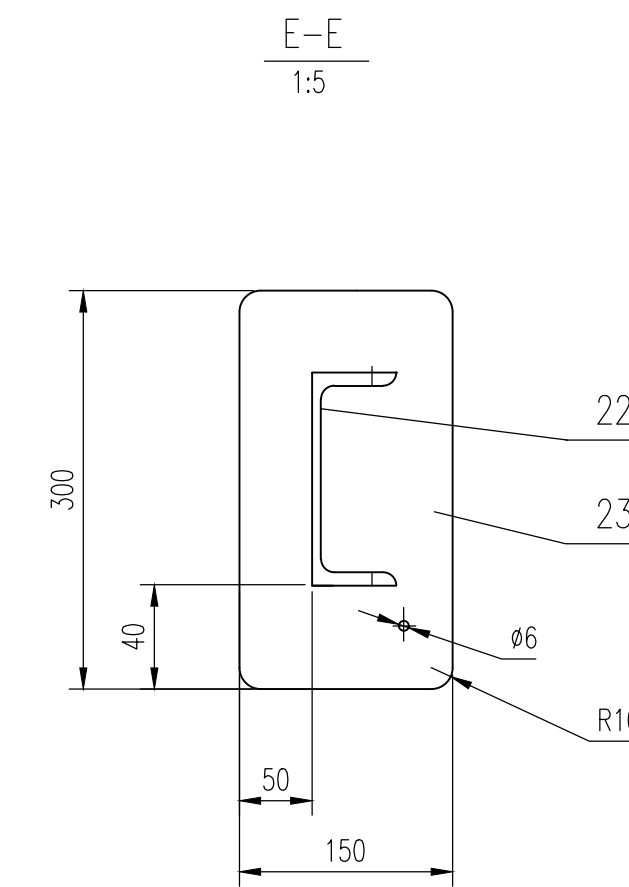
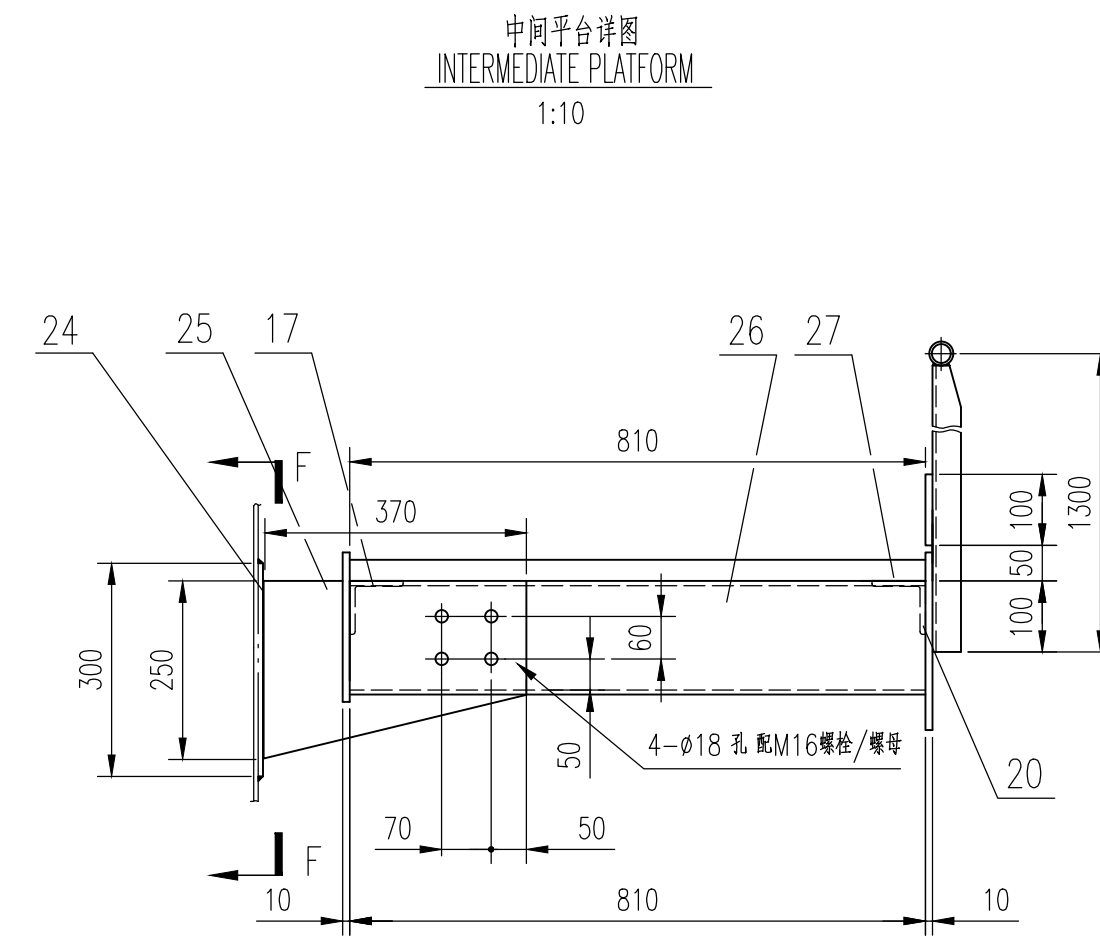
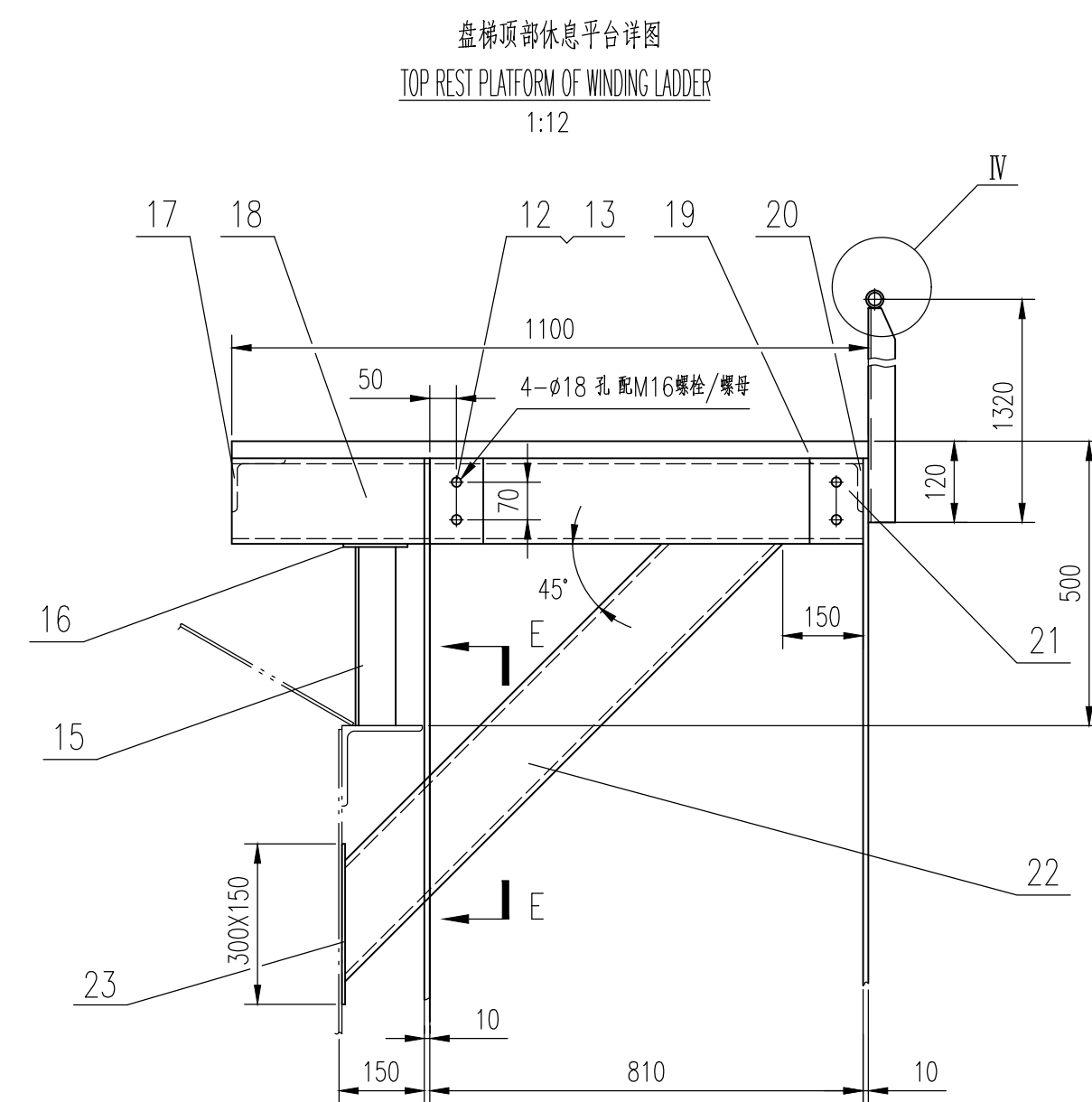


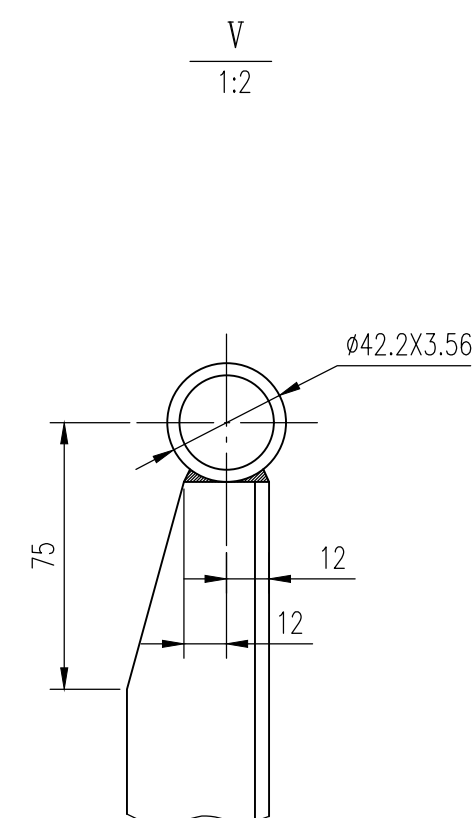
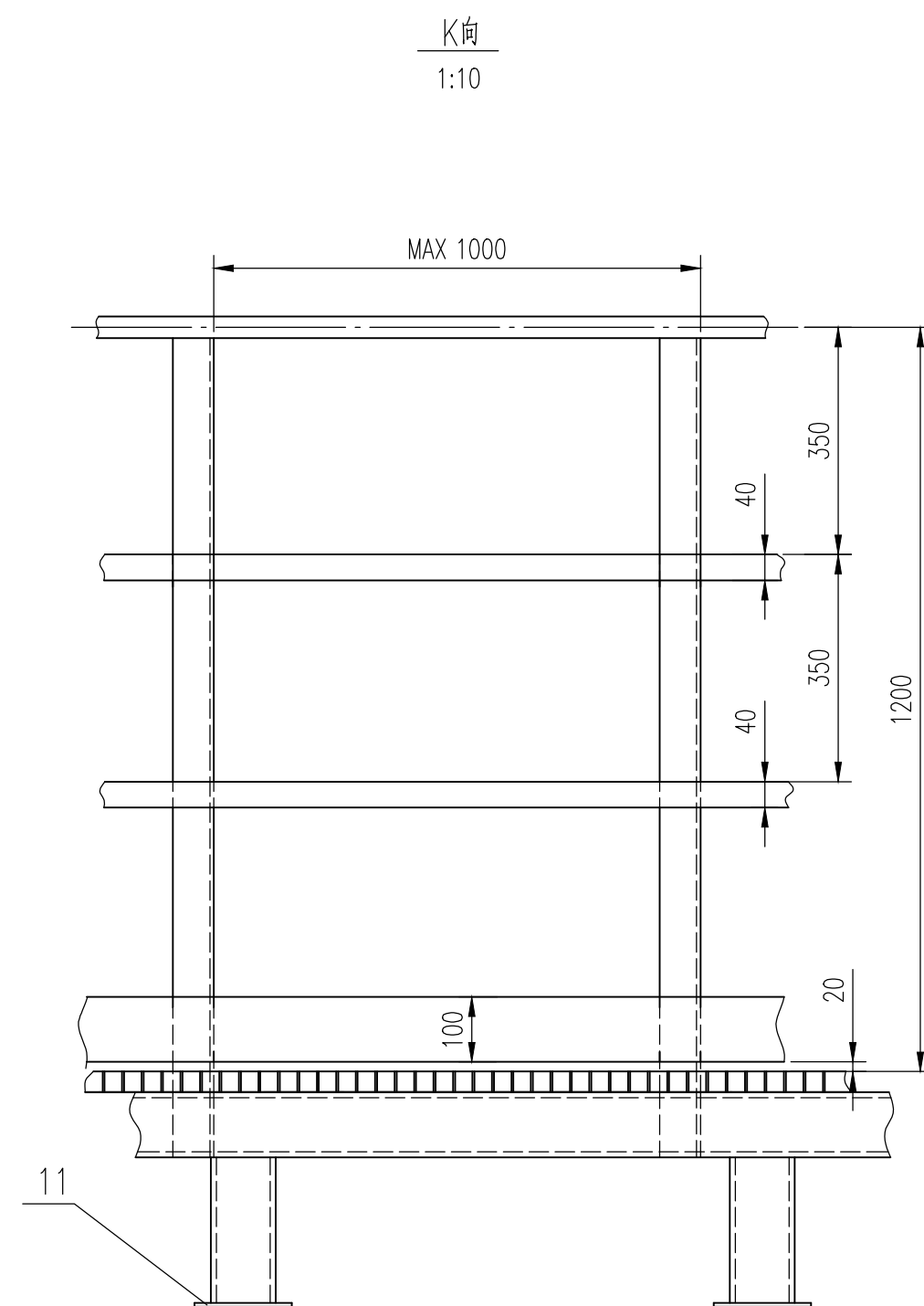
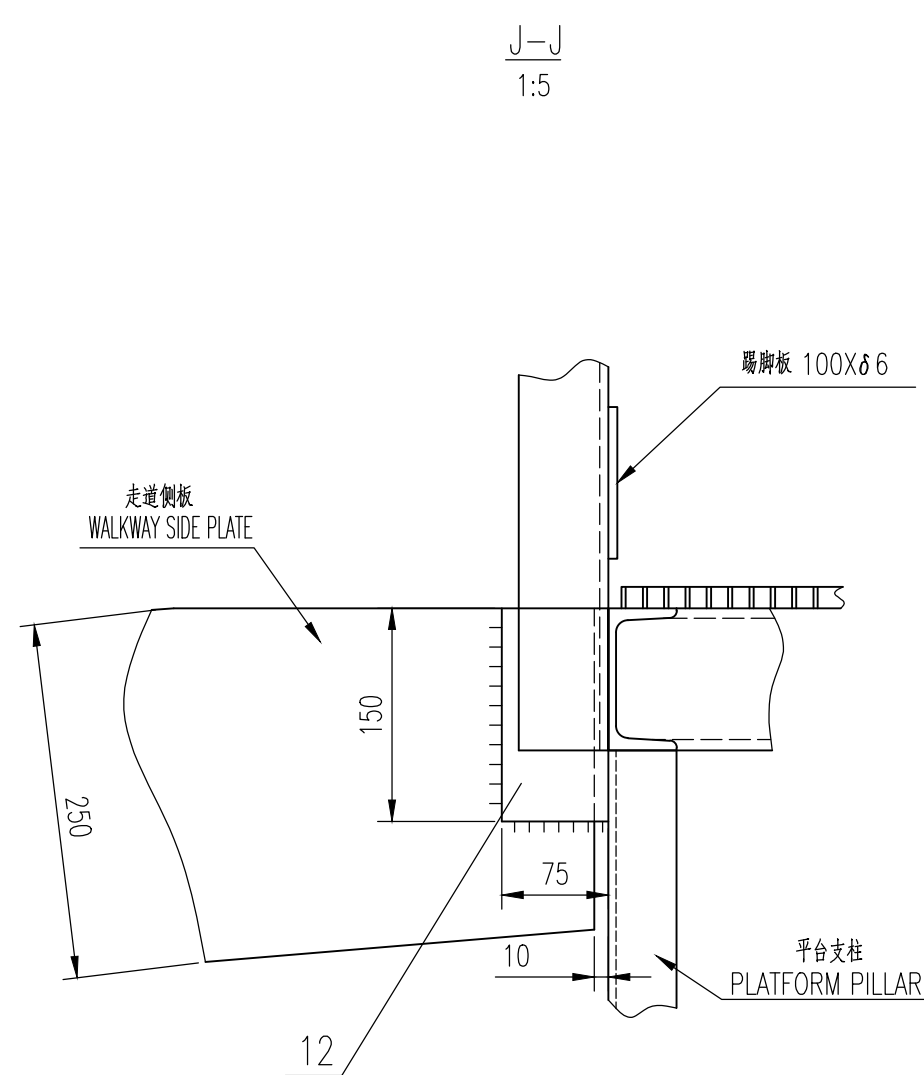
- ## 技术要求 Technical Requirements

- 罐壁按按 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 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、接管和顶板上的割炬表面应光滑平整,并修整成圆角。
- All cutting surfaces on openings, nozzles and reinforcing plates shall be smooth and flat, with edges rounded.
3. 壳板加强圈焊接应完全焊透,其搭接焊缝应避开整条纵缝,且不得小于300mm。
- The splices of welds of angle steel reinforcing rings shall be fully penetrated, and shall avoid longitudinal seams of weld plates by at least 300mm.
4. 罐底仅供参考,覆板铺设时应按管口避开龙带的纵焊缝。
- The plate layout is for reference only. Nozzles shall be arranged to avoid all longitudinal and circumferential shell welds.
5. 板尺寸分最终成形尺寸,施工单位在料时应考虑焊接收缩和焊接收缩。
- The plate assembly dimensions are final formed dimensions. The construction unit should consider weld gaps and welding shrinkage during material cutting.
6. 其它技术要求按罐底图及关联标准规范的规范。
- Other technical requirements shall comply with the assembly drawing and relevant standards/specifications.

总重: 13350kg									
3	壁板 68 TANK WALL		1	S30408	3591	3591	H=2000		
2	壁板 66 TANK WALL		1	S30408		9404	H=6985		
1	角钢 L100X100X8 ANGLE STEEL		1	S30408		355	L=28700		
件 号 No.	图号或标准号 DWG. OR STAND. No.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单UNIT 重重量WEIGHT(kg)	总TOTAL	备 注 REMARKS		
D00	详细工程图/DETAILED ENGINEERING DESIGN			徐淑松	向冲	赵银峰	2025.6.20		
REV.	DESCRIPTION			DEGND	CHEKD	APPRD	AUTHD	DATE	
 PT PETRO OXO NUSANTARA									
 WUHUAN ENGINEERING CO., LTD. <small>MUST NOT BE COPIED, TRANSMITTED TO OTHERS OR USED WITHOUT PERMISSION OF WUHUAN ENGINEERING CO., LTD.</small>				30,000 TPA NEOPENTYL GLYCOL PROJECT					
NPG AQUEOUS SOLUTION STORAGE TANK WALL DETAIL DRAWING ITEM NO:V-4104				Neopentyl Glycol Plant					
				Detailed Engineering Design					
				22150-V4104-004					
				D00					
SPECI	EQUIPMENT	AREA	—	SCALE	1:60	SHT.1	OF 1		



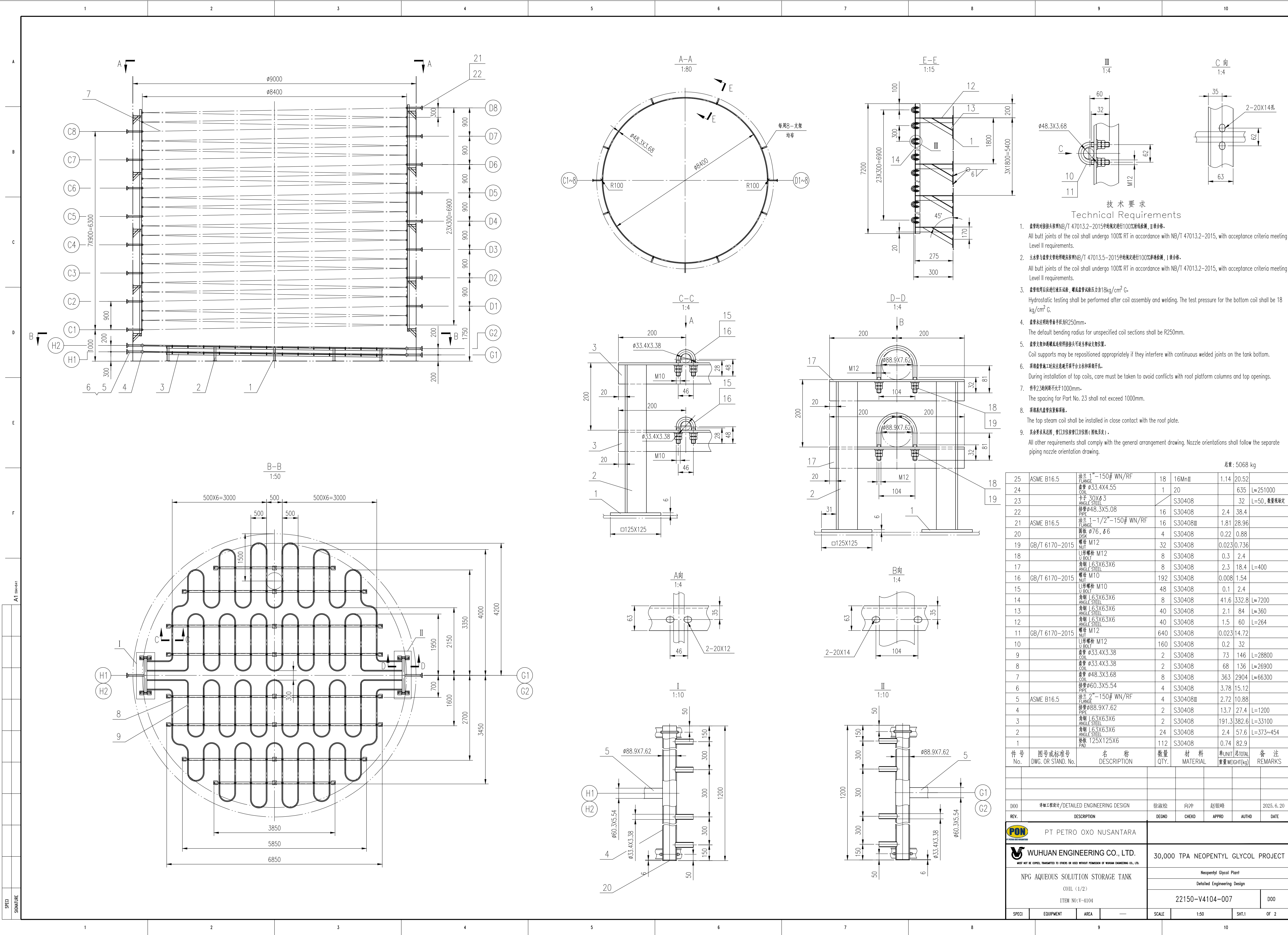
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技术要求
Technical Requirements

1. 平台立柱应避免开顶板搭接焊缝。
Platform support columns shall avoid roof plate lap welds.

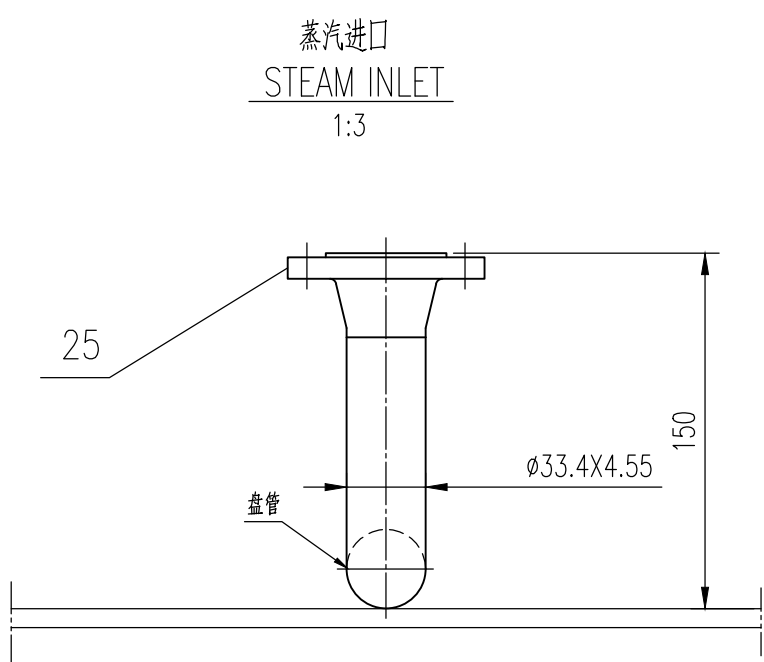
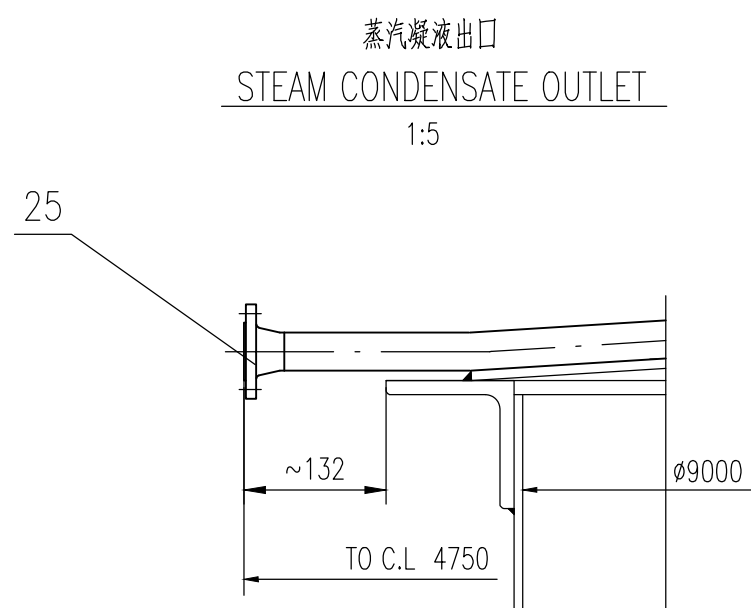
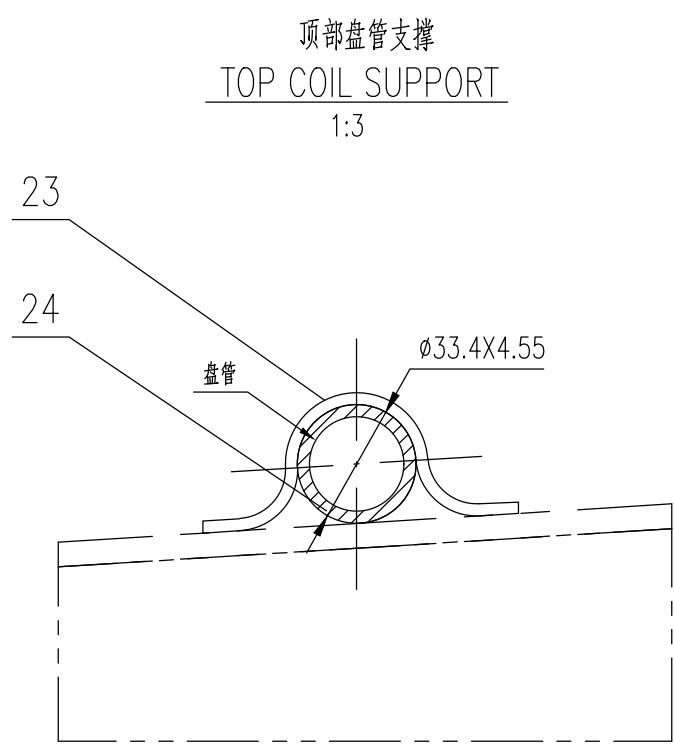
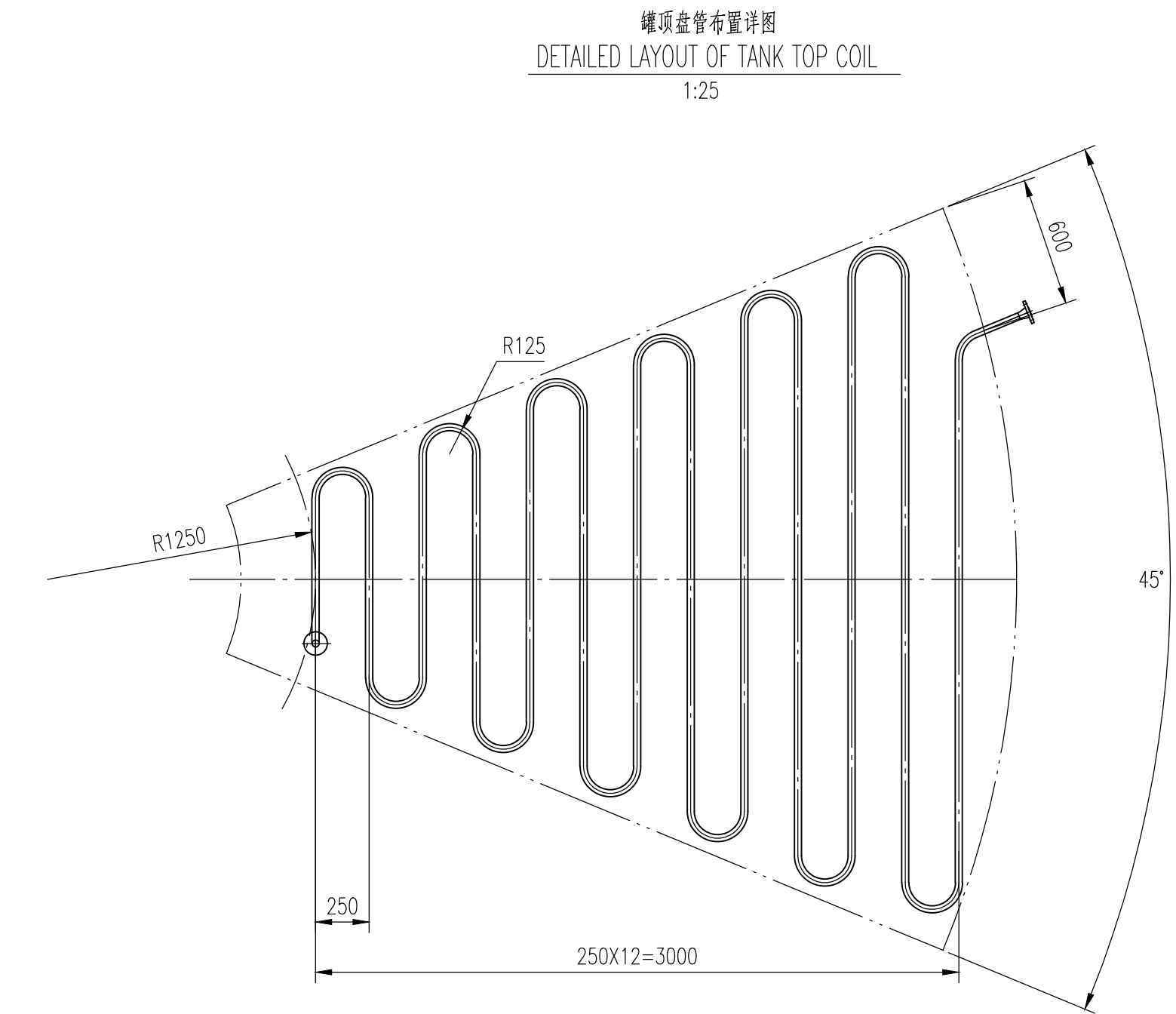
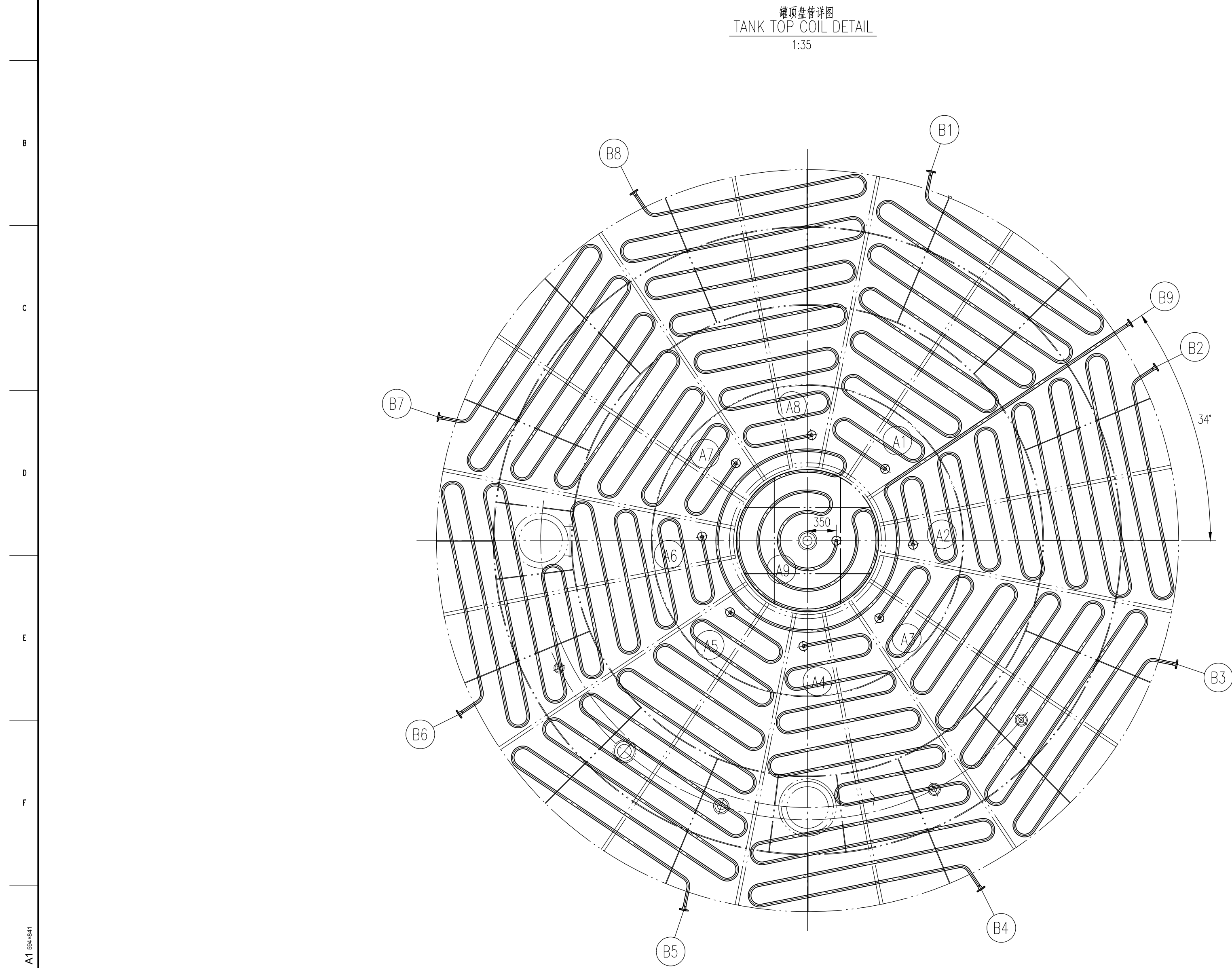
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- 技术要求
Technical Requirements
- 盘管的对接接头按照NB/T 47013.2-2015中的规定进行100%射线检测, II级合格。
All butt joints of the coil shall undergo 100% RT in accordance with NB/T 47013.2-2015, with acceptance criteria meeting Level II requirements.
 - 主水管与盘管水管的焊接接头按照NB/T 47013.5-2015中的规定进行100%渗透检测, I级合格。
All butt joints of the coil shall undergo 100% PT in accordance with NB/T 47013.2-2015, with acceptance criteria meeting Level II requirements.
 - 盘管电焊后应进行液压试验, 罐底盘管试验压力为18kg/cm² G。
Hydrostatic testing shall be performed after coil assembly and welding. The test pressure for the bottom coil shall be 18 kg/cm² G.
 - 盘管未注明的最小弯曲半径为R250mm。
The default bending radius for unspecified coil sections shall be R250mm.
 - 盘管支脚和罐底盘管焊接接头应适当移动大型位置。
Coil supports may be repositioned appropriately if they interfere with continuous welded joints on the tank bottom.
 - 顶板盘管施工时应注意罐顶平台立柱和顶板开孔。
During installation of top coils, care must be taken to avoid conflicts with roof platform columns and top openings.
 - 件号23间距不大于1000mm。
The spacing for Part No. 23 shall not exceed 1000mm.
 - 顶板蒸汽盘管应紧贴顶板。
The top steam coil shall be installed in close contact with the roof plate.
 - 其余要求及图例, 管口方位按管口方位图(图例另发)。
All other requirements shall comply with the general arrangement drawing. Nozzle orientations shall follow the separate piping nozzle orientation drawing.

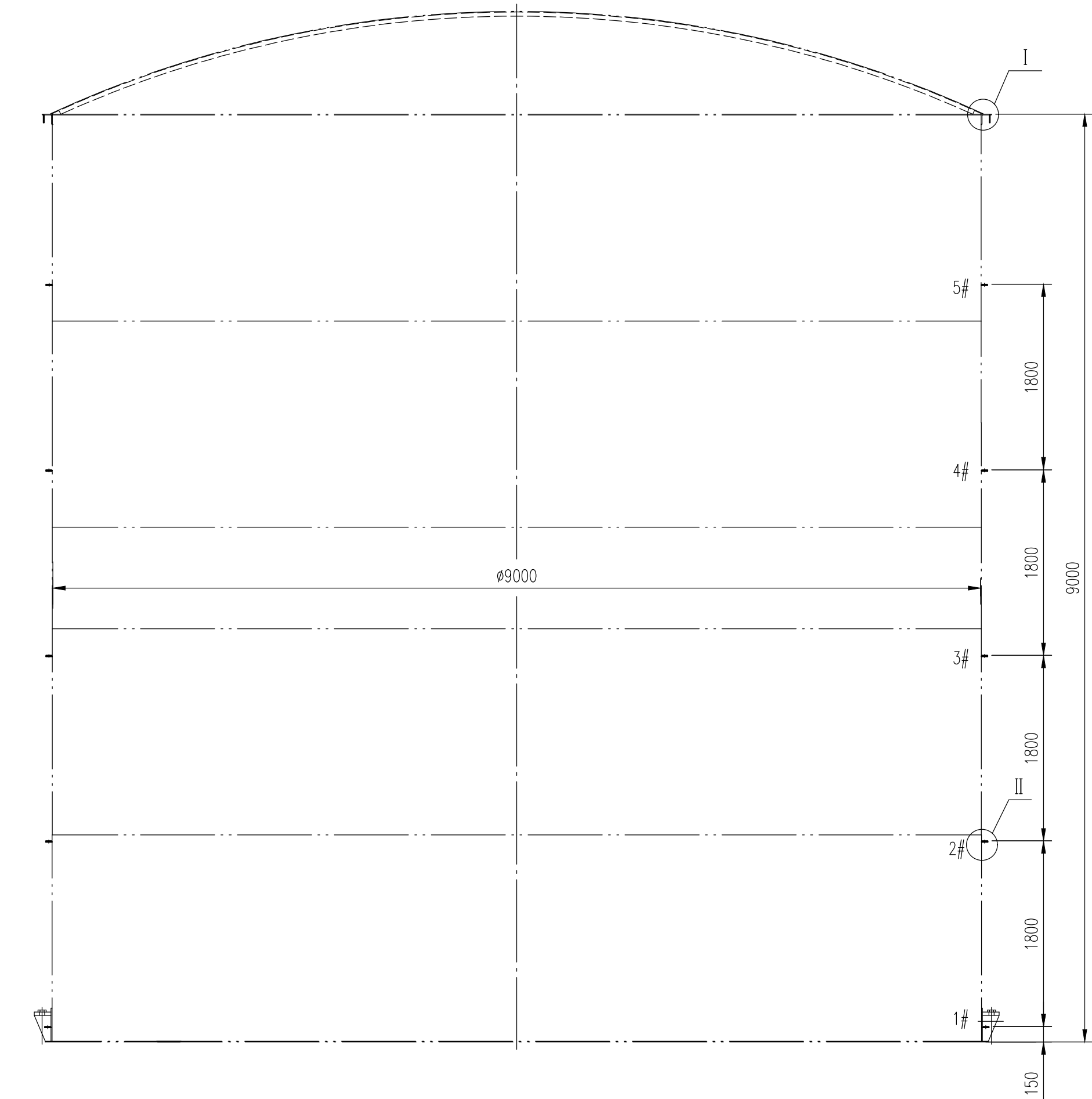
重量: 5068 kg									
25	ASME B16.5	法兰 FLANGE	1"	150#	WN/RF	18	16MnII	1.14	20.52
24		盘管 COIL	φ33.4X4.55	1	20			635	L≈251000
23		角钢 ANGLE STEEL	2-30X8.3		S30408			32	L=50, 数量视罐定
22		接管 PIPE	φ48.3X5.08	16	S30408		2.4	38.4	
21	ASME B16.5	法兰 FLANGE	2"-1 1/2"	150#	WN/RF	16	S30408II	1.81	28.96
20		钢板 PLATE	φ76, δ6	4	S30408		0.22	0.88	
19	GB/T 6170-2015	螺母 NUT	M12	32	S30408		0.023	0.736	
18		U形螺栓 U BOLT	M12	8	S30408		0.3	2.4	
17		角钢 ANGLE STEEL	L63X63X6	8	S30408		2.3	18.4	L=400
16	GB/T 6170-2015	螺母 NUT	M10	192	S30408		0.008	1.54	
15		U形螺栓 U BOLT	M10	48	S30408		0.1	2.4	
14		角钢 ANGLE STEEL	L63X63X6	8	S30408		41.6	332.8	L≈7200
13		角钢 ANGLE STEEL	L63X63X6	40	S30408		2.1	84	L≈360
12		角钢 ANGLE STEEL	L63X63X6	40	S30408		1.5	60	L=264
11	GB/T 6170-2015	螺母 NUT	M12	640	S30408		0.023	14.72	
10		U形螺栓 U BOLT	M12	160	S30408		0.2	32	
9		盘管 COIL	φ33.4X3.38	2	S30408		73	146	L=28800
8		盘管 COIL	φ33.4X3.38	2	S30408		68	136	L≈26900
7		盘管 COIL	φ48.3X3.68	8	S30408		363	2904	L≈66300
6		接管 PIPE	φ60.3X5.54	4	S30408		3.78	15.12	
5	ASME B16.5	法兰 FLANGE	2"-150#	WN/RF	4	S30408II	2.72	10.88	
4		接管 PIPE	φ88.9X7.62	2	S30408		13.7	27.4	L=1200
3		角钢 ANGLE STEEL	L63X63X6	2	S30408		191.3	382.6	L=33100
2		角钢 ANGLE STEEL	L63X63X6	24	S30408		2.4	57.6	L=373~454
1		基板 PAD	125X125X6	112	S30408		0.74	82.9	
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		

PT PETRO OXO NUSANTARA					
WUHUAN ENGINEERING CO., LTD.					
30,000 TPA NEOPENTYL GLYCOL PROJECT					
Neopentyl Glycol Plant					
Detailed Engineering Design					
NPG AQUEOUS SOLUTION STORAGE TANK					
COIL (1/2)					
ITEM NO: V-4104					
22150-V4104-007					
D00					
SPECI	EQUIPMENT	AREA	—	SCALE	1:50
			SHT.1	OF 2	

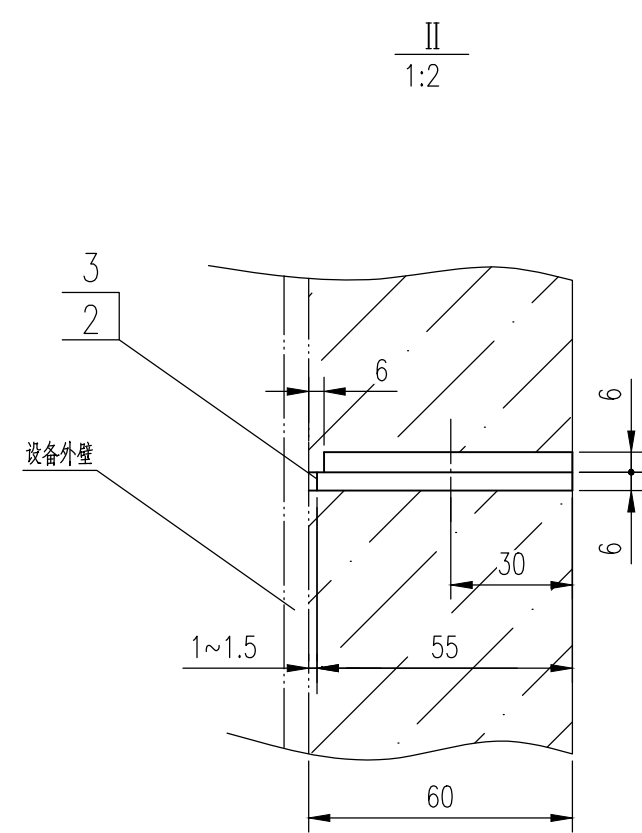
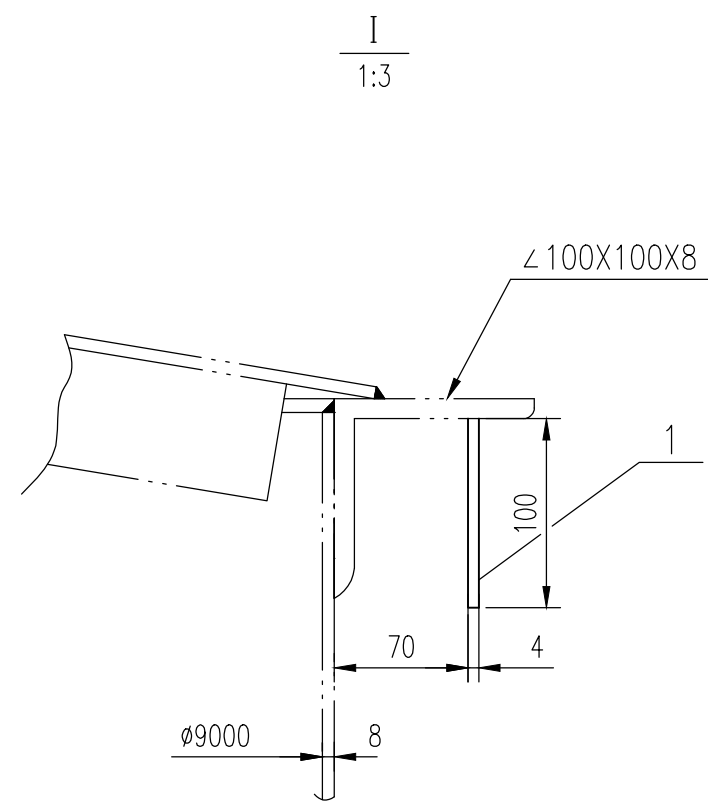
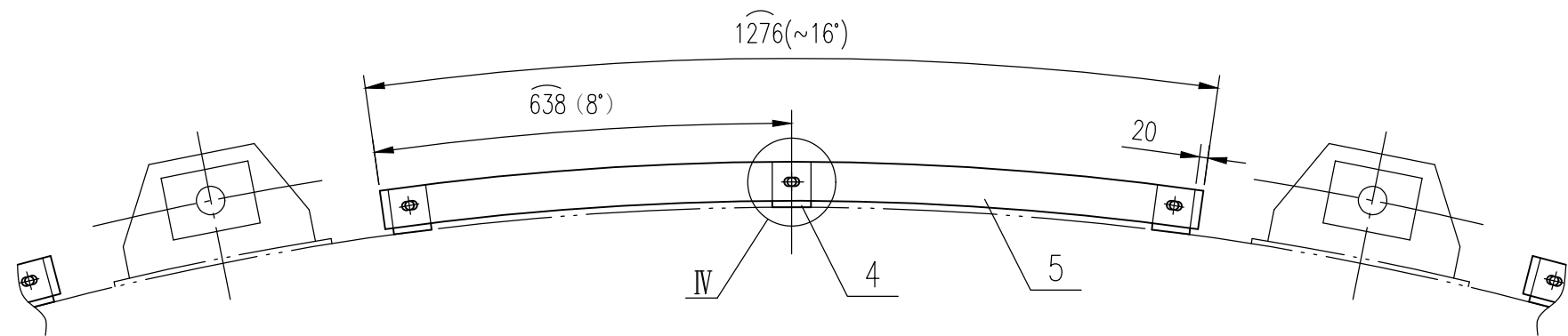


D00	详细工程设计/DETAILED ENGINEERING DESIGN	徐淑松	向冲	赵银峰		2025. 6. 20
REV.	DESCRIPTION	DEGND	CHEKD	APPRD	AUTHD	DATE
PT PETRO OXO NUSANTARA						
WUHUAN ENGINEERING CO., LTD. <small>MAY NOT BE COPIED, TRANSMITTED TO OTHERS OR USED WITHOUT PERMISSION OF WUHUAN ENGINEERING CO., LTD.</small>		30,000 TPA NEOPENTYL GLYCOL PROJECT				
NPG AQUEOUS SOLUTION STORAGE TANK		Neopentyl Glycol Plant				
COIL (1/2)		Detailed Engineering Design				
ITEM NO:V-4104		22150-V4104-007				D00
SPECI	EQUIPMENT	AREA	—	SCALE	1:35	SHT2 OF 2

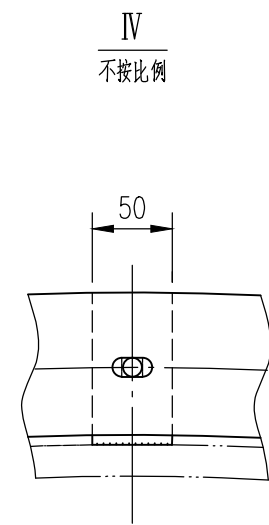
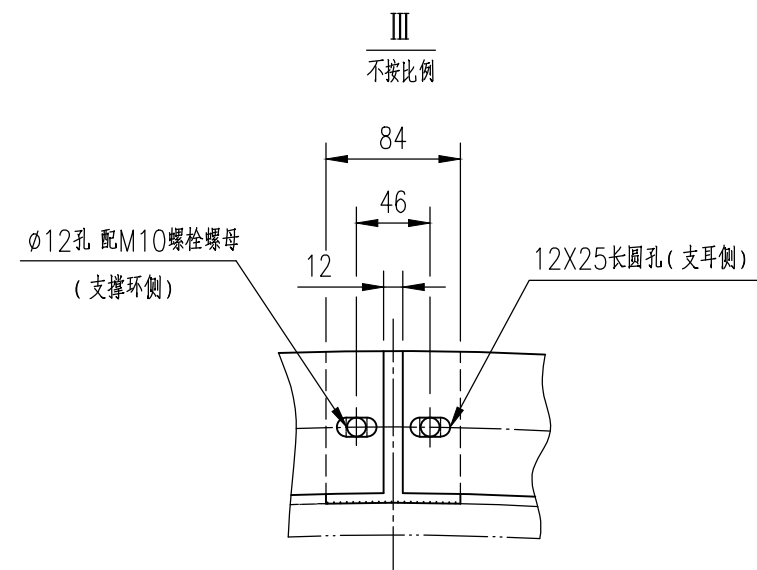
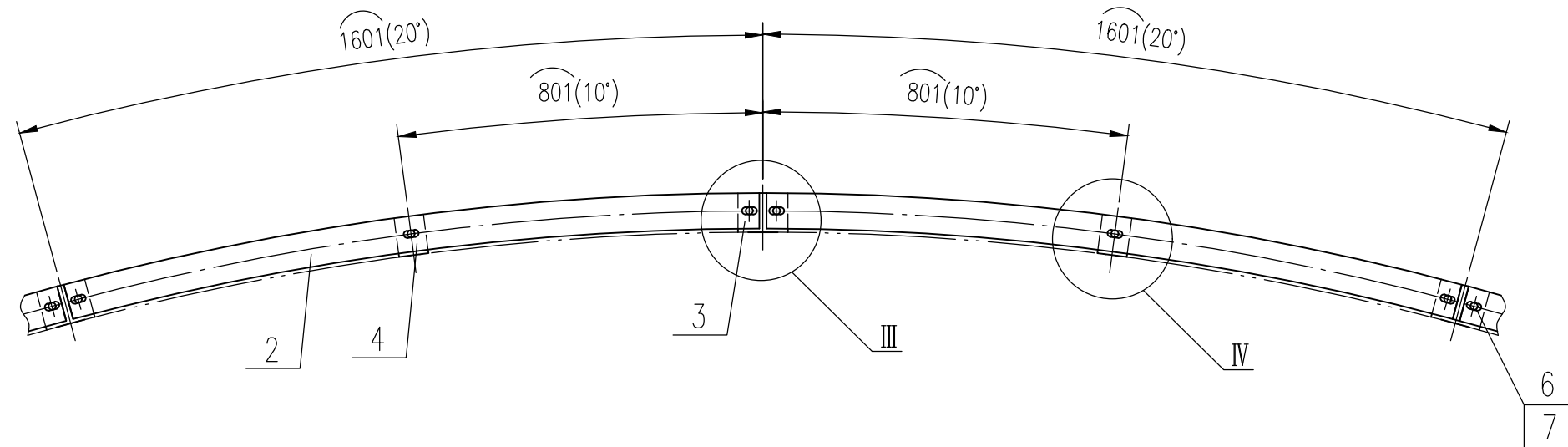
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1#保温圈详图
 DETAILED DRAWING OF 1# INSULATION RING
 1:10



2#~5#保温圈详图
 DETAILED DRAWING OF 2#~5# INSULATION RING
 1:10



技术要求

Technical Requirements

- 焊材: E308-16 (S30408)。
Welding material: E308-16 (for S30408).
- 保温支撑与接管相碰, 可断开支撑。
If insulation supports interfere with nozzles, the supports may be cut off.
- 罐顶保温支撑按保温施工单位需要现场焊接, 与罐体直接和焊材质质按S30408。
Roof insulation supports shall be field-welded as required by the insulation contractor. Materials directly welded to the tank shall be S30408.

总重: 479 Kg

7	GB/T41-2016	螺母 M10	264	4根	0.008	2.12	
6	GB/T5780-2016	螺栓 M10X40	264	4.6级	0.03	7.92	
5		扁钢 54X8 6	16	Q235B	3.25	52	L=1276
4		支耳 50X60X8 6	120	S30408	0.14	16.8	
3		支耳 84X60X8 6	72	S30408	0.24	17.28	
2		扁钢 54X8 6	72	Q235B	4.05	291.6	L=1589
1		挡圈 100X8 4	1	Q235B		90.8	L=28900
件号 No.	图号或标准号 DWG. OR STAND. No.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	单重 UNIT WEIGHT(kg)	总重 TOTAL WEIGHT(kg)	备注 REMARKS
DOO	详细工程设计/DETAILED ENGINEERING DESIGN	徐淑松	向冲	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	
NPG AQUEOUS SOLUTION STORAGE TANK		Neopentyl Glycol Plant	
THERMAL INSULATION SUPPORT		Detailed Engineering Design	
ITEM NO:V-4104		22150-V4104-008	
SPECI		EQUIPMENT	AREA
		SCALE	1:40
		SHT.1	OF 1