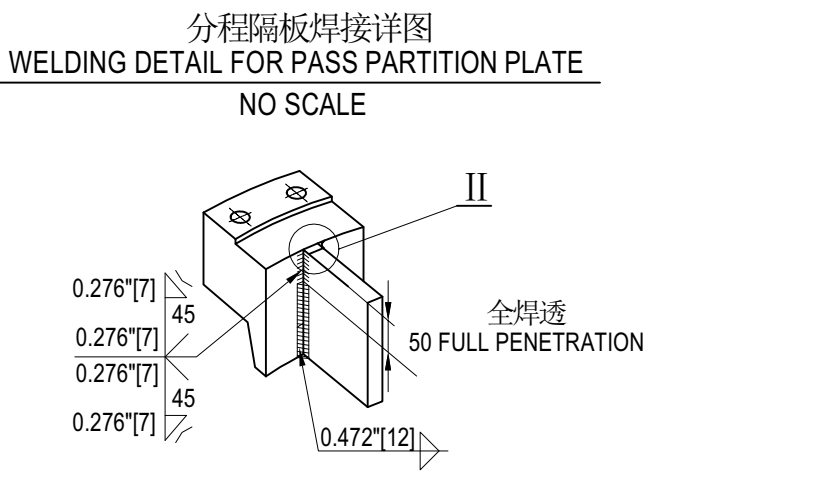
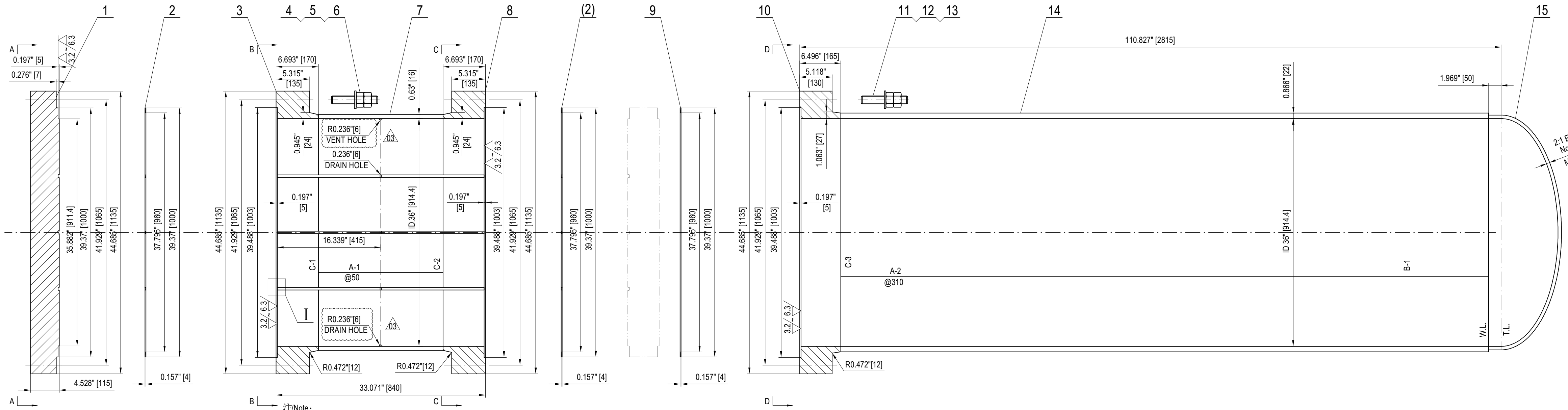
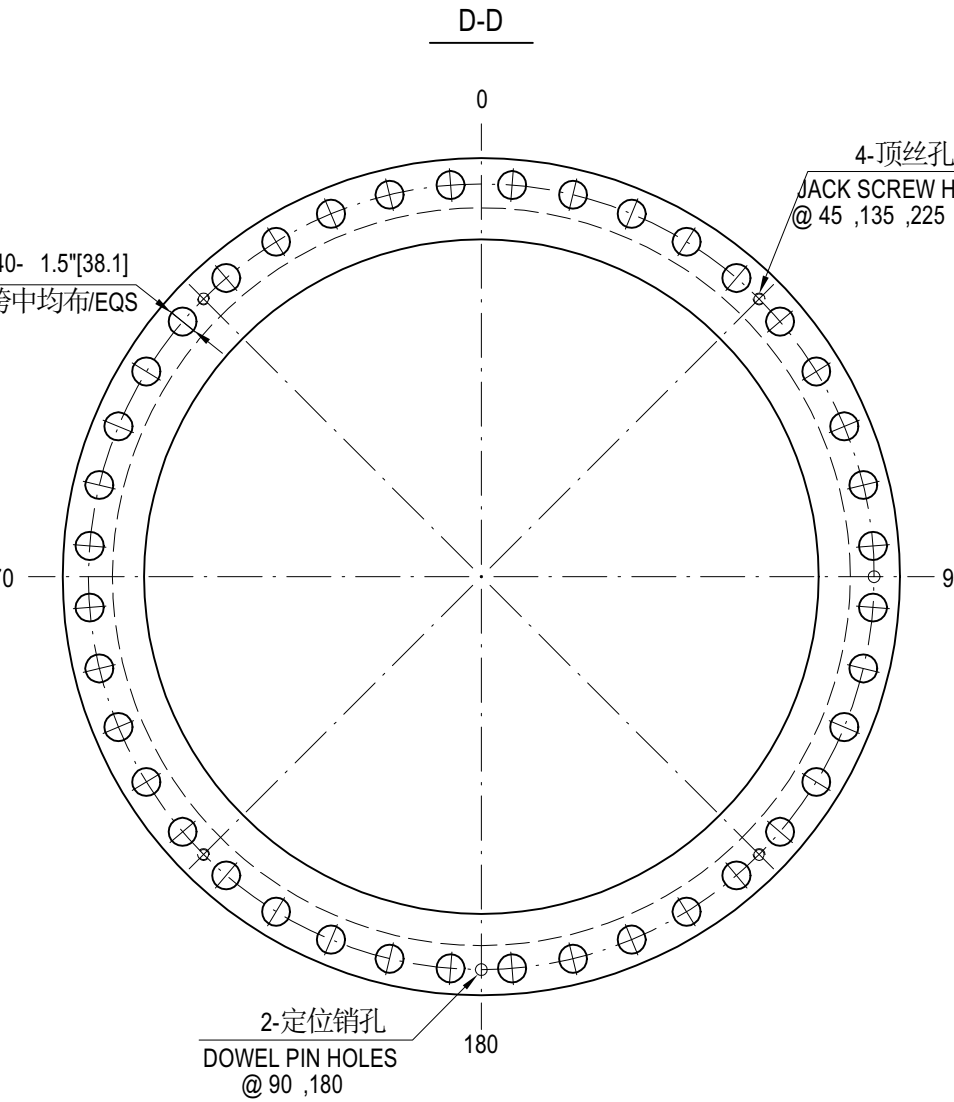
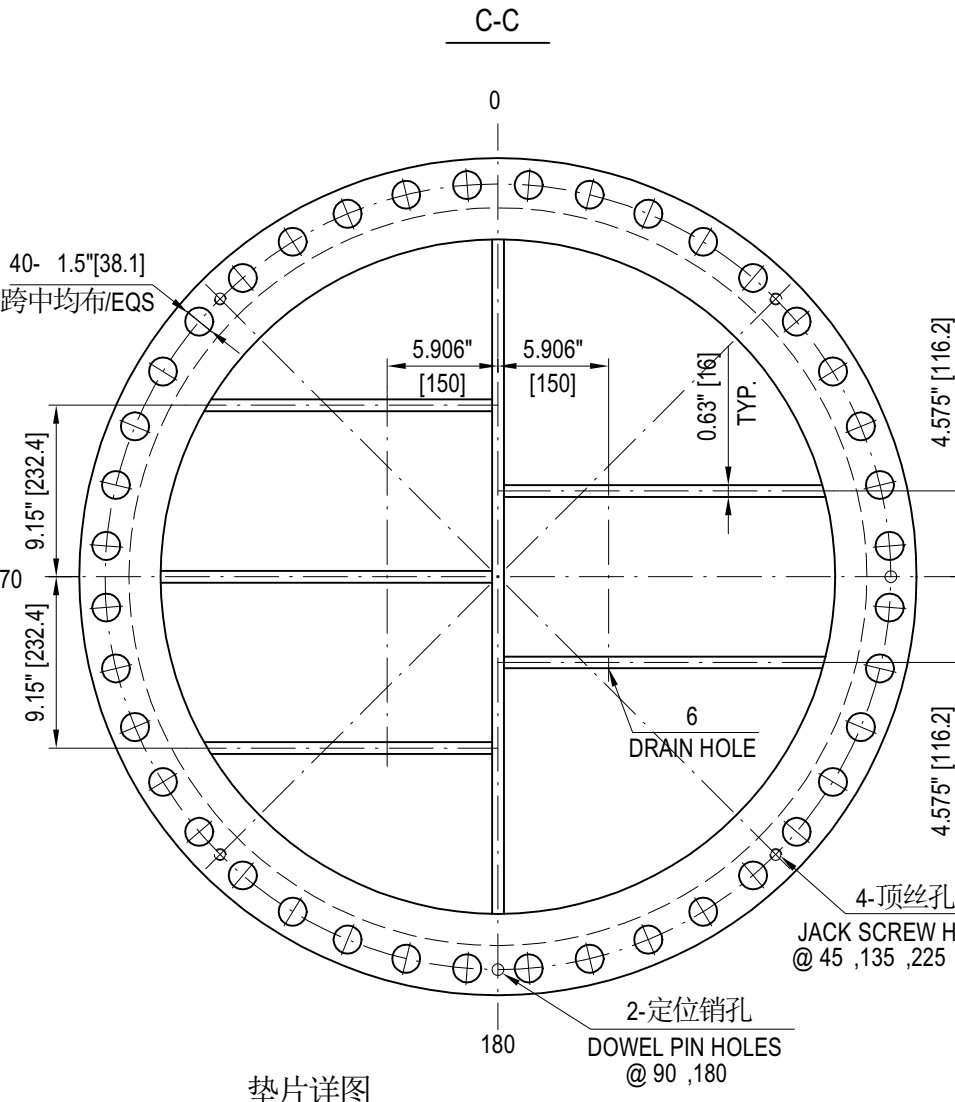
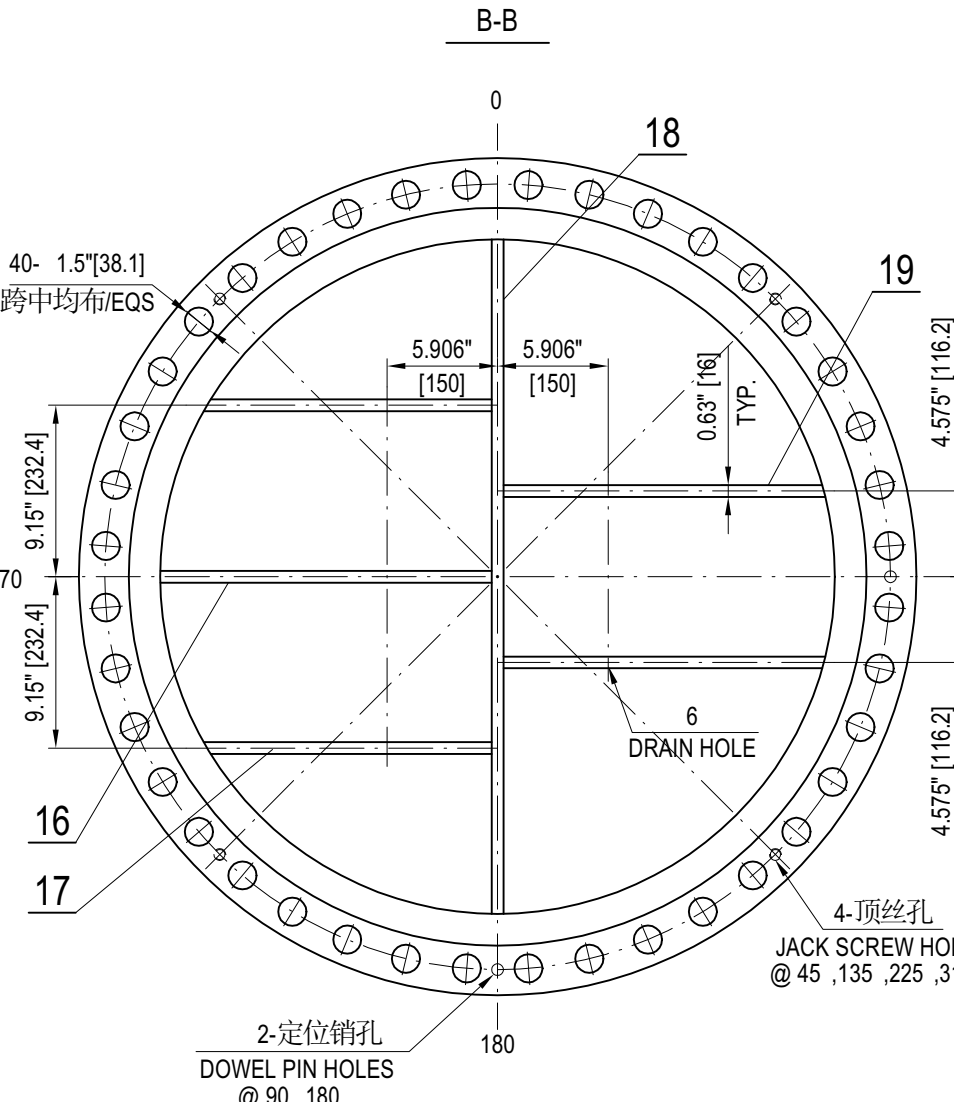
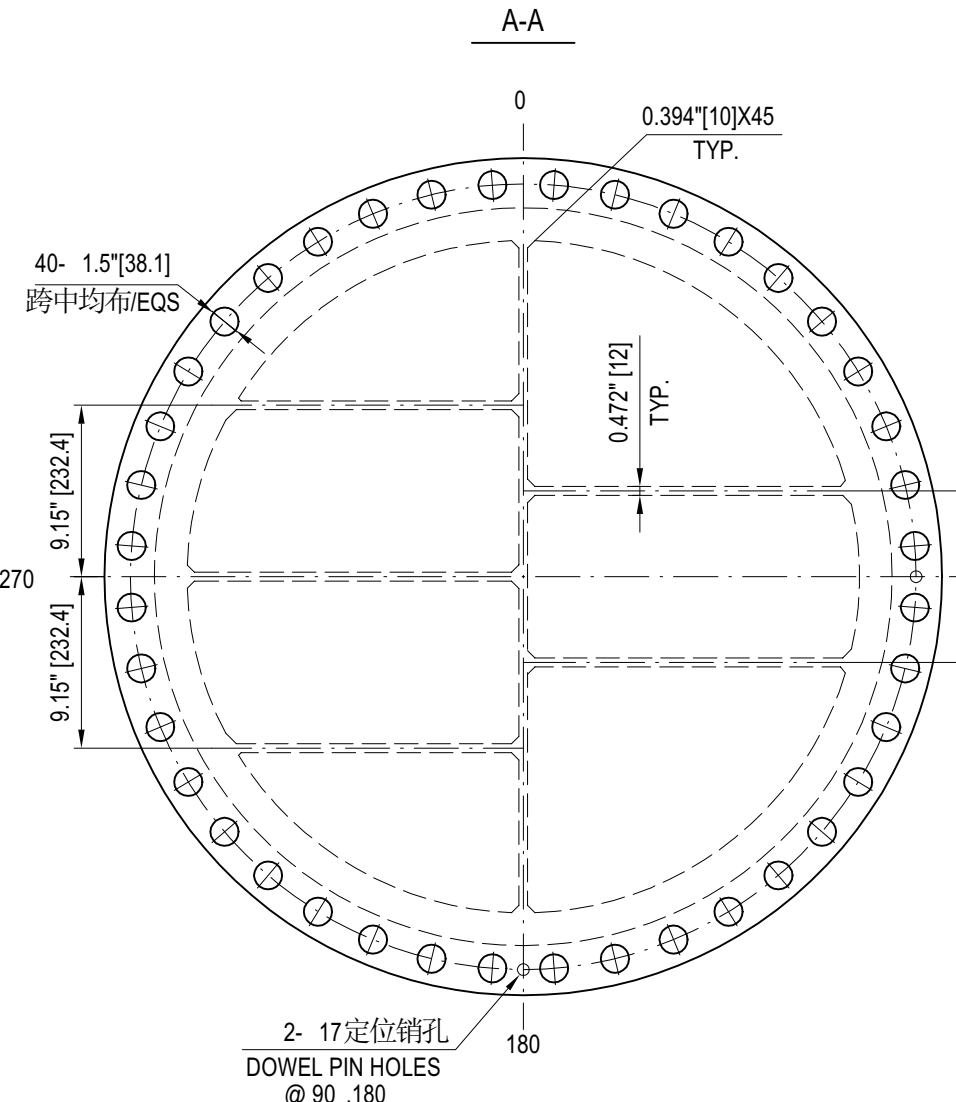
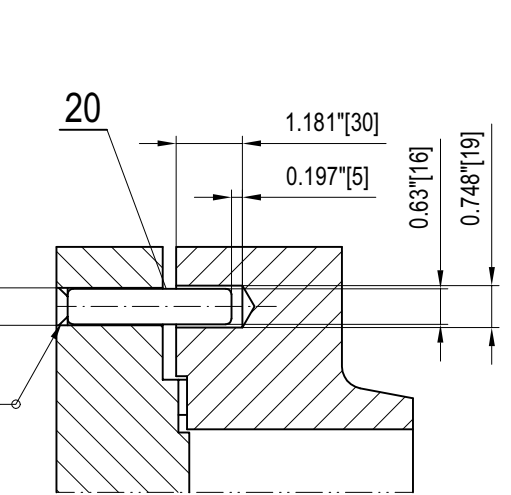




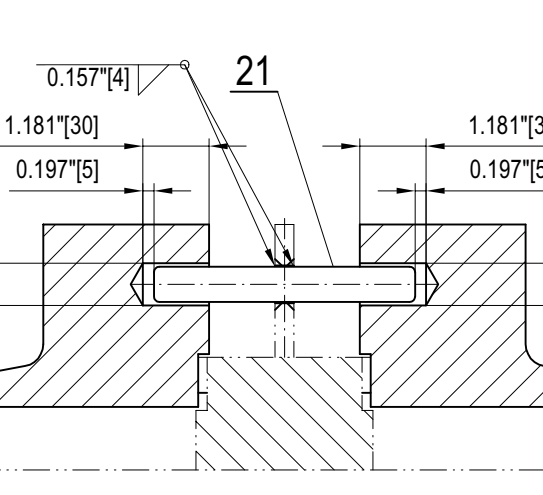
注Note:
3.隔板密封面比设备法兰密封面低0.2mm.
The seal face for partition plates to be recessed by 0.2 mm to girth flange seal face



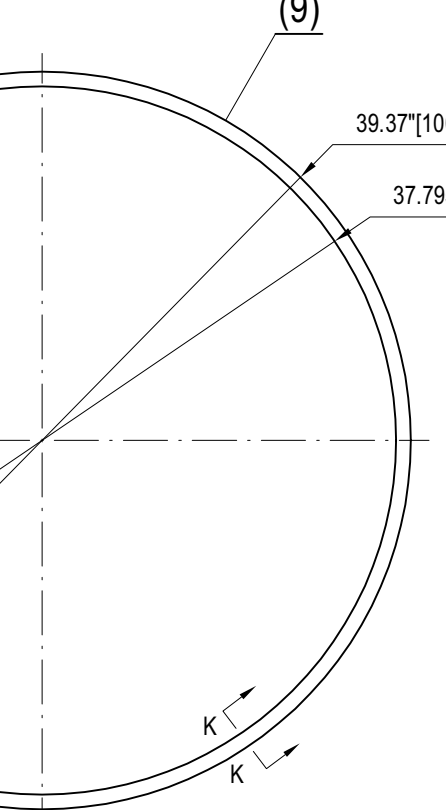
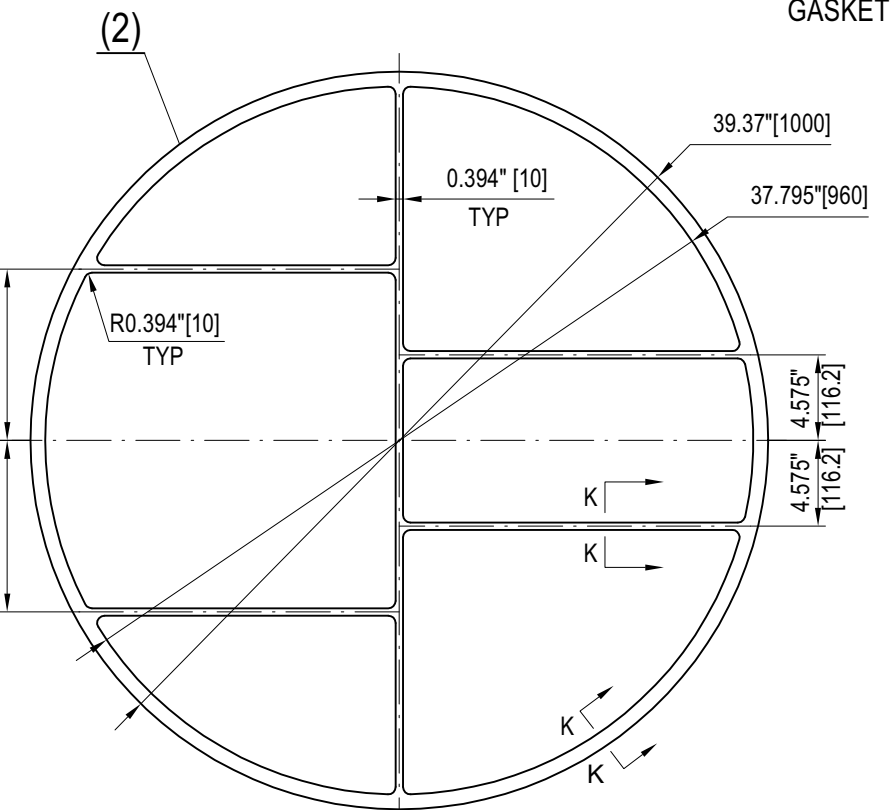
定位销安装详图
DOWEL PIN ASSEMBLY DETAIL DRAWING



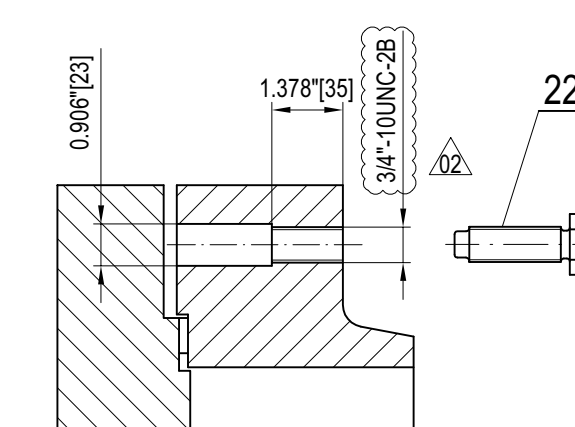
定位销安装详图
DOWEL PIN ASSEMBLY DETAIL DRAWING



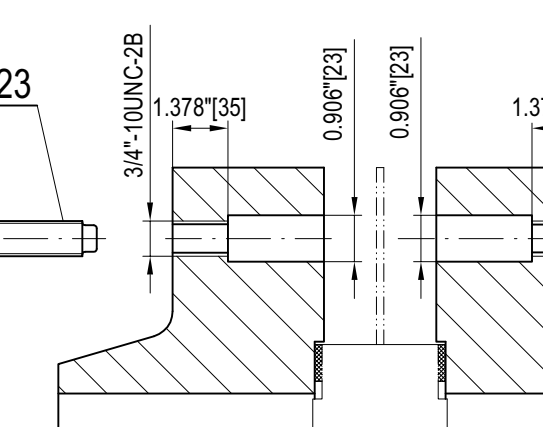
垫片详图
GASKET DETAIL



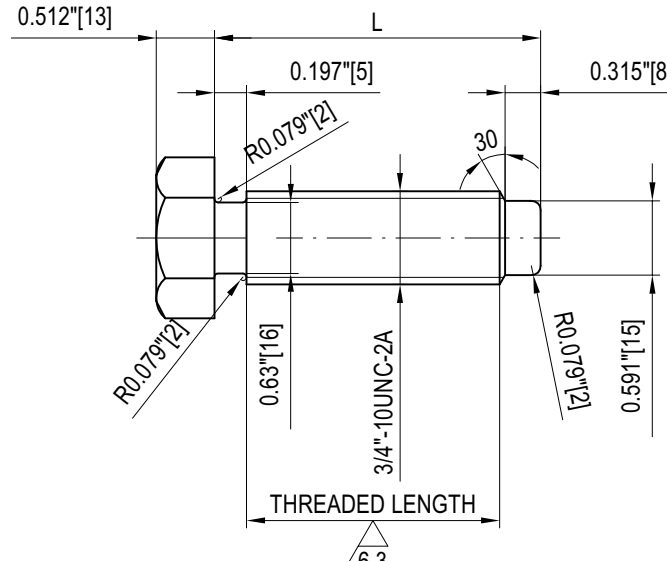
顶丝安装详图
JACK SCREW ASSEMBLY DETAIL DRAWING



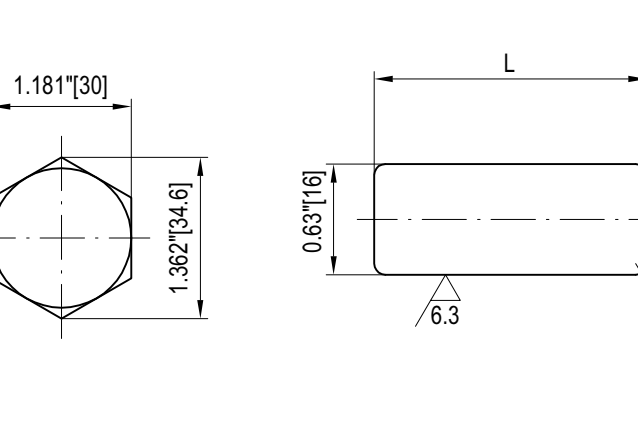
顶丝安装详图
JACK SCREW ASSEMBLY DETAIL DRAWING



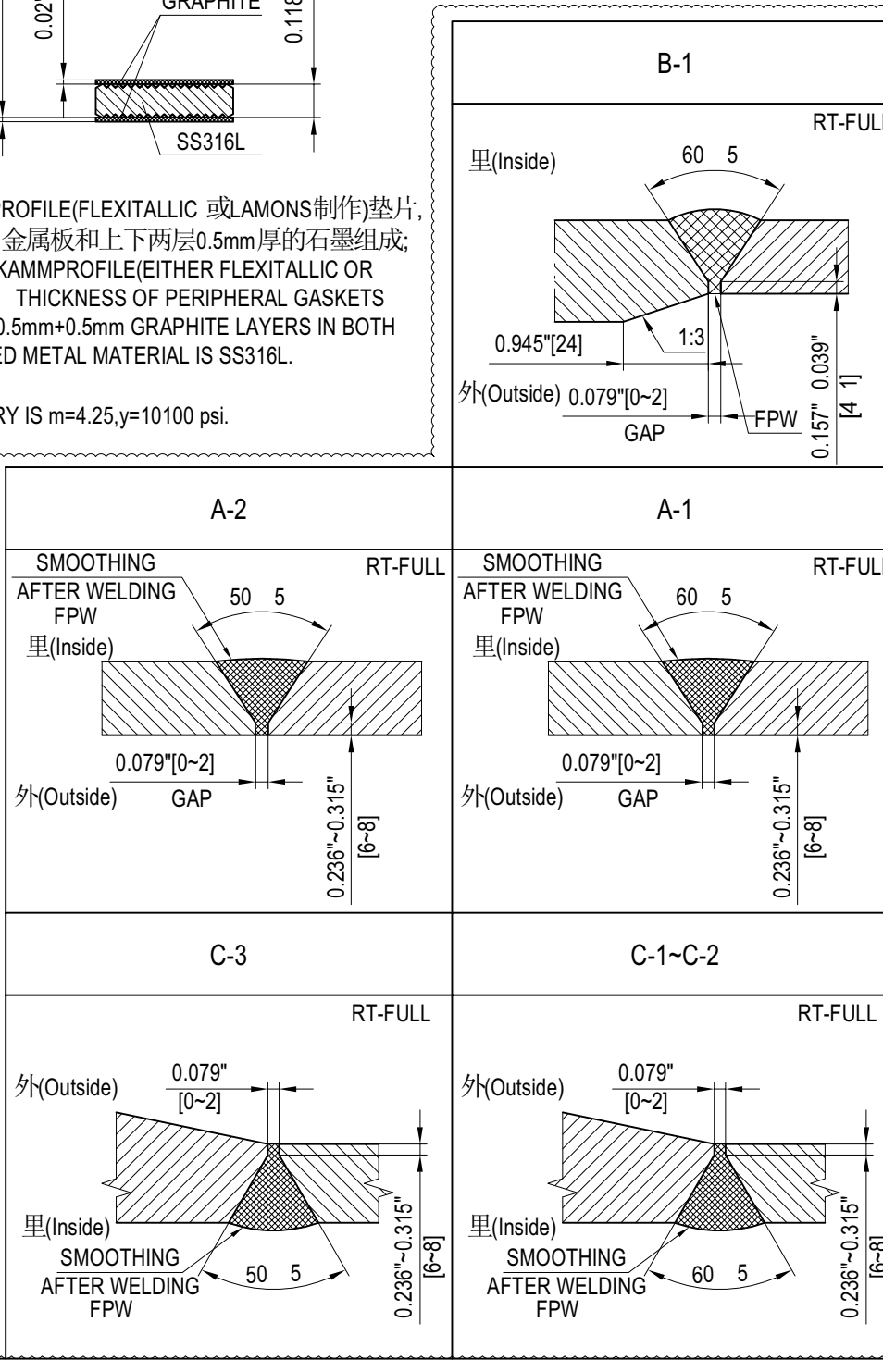
顶丝详图
JACK SCREW DETAIL DRAWING



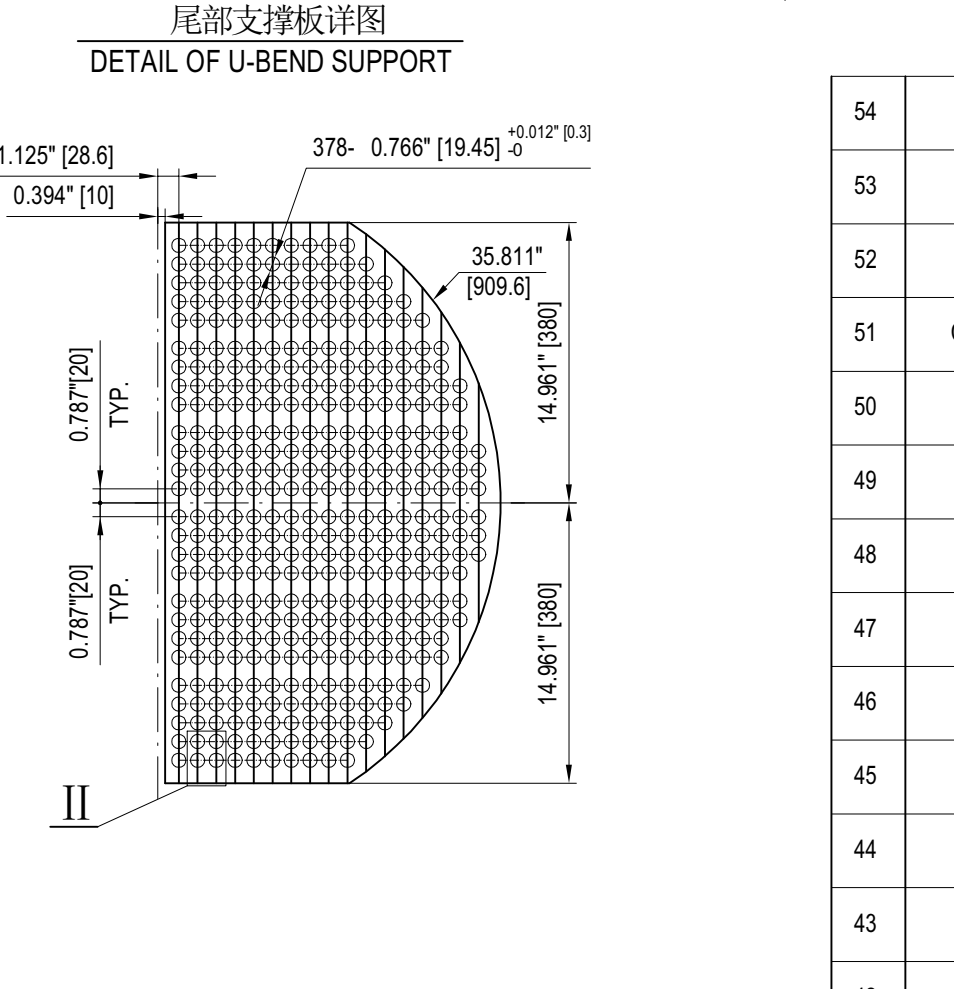
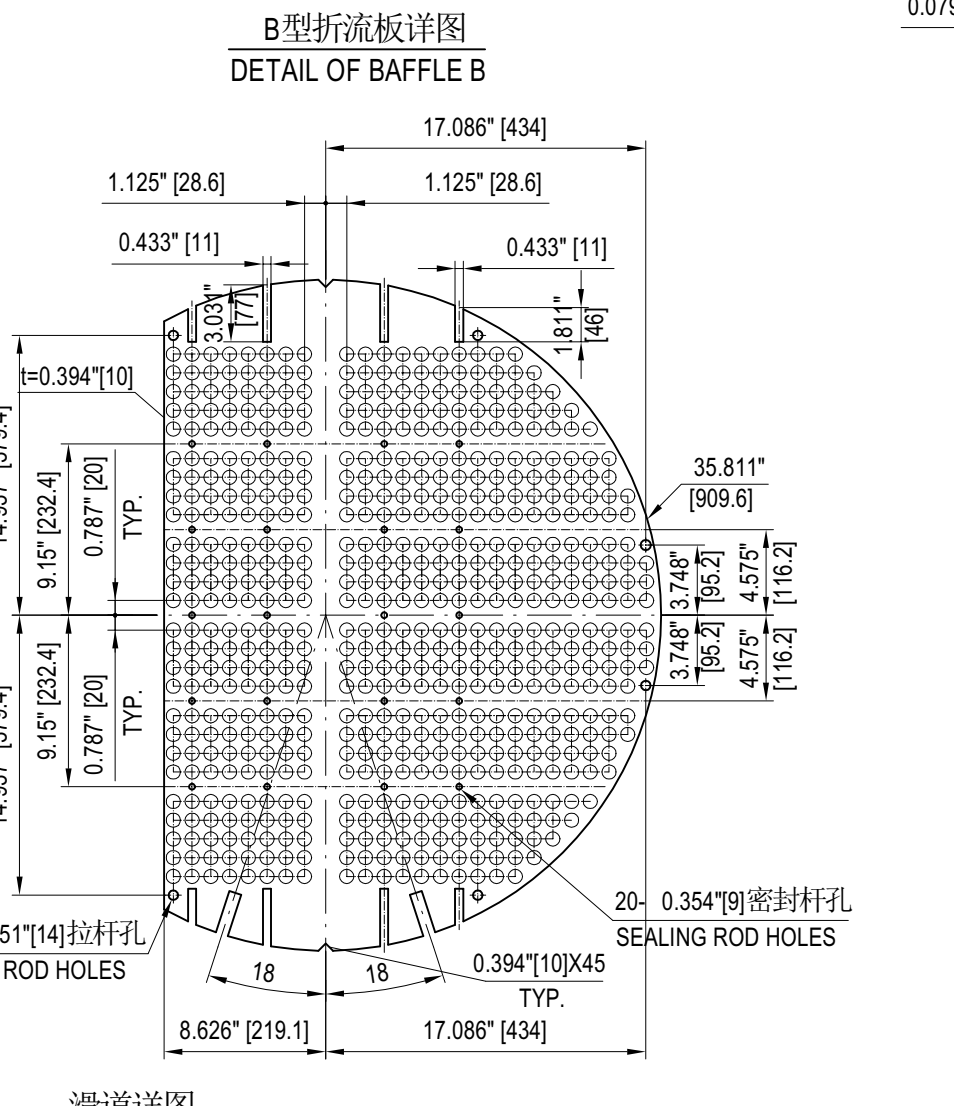
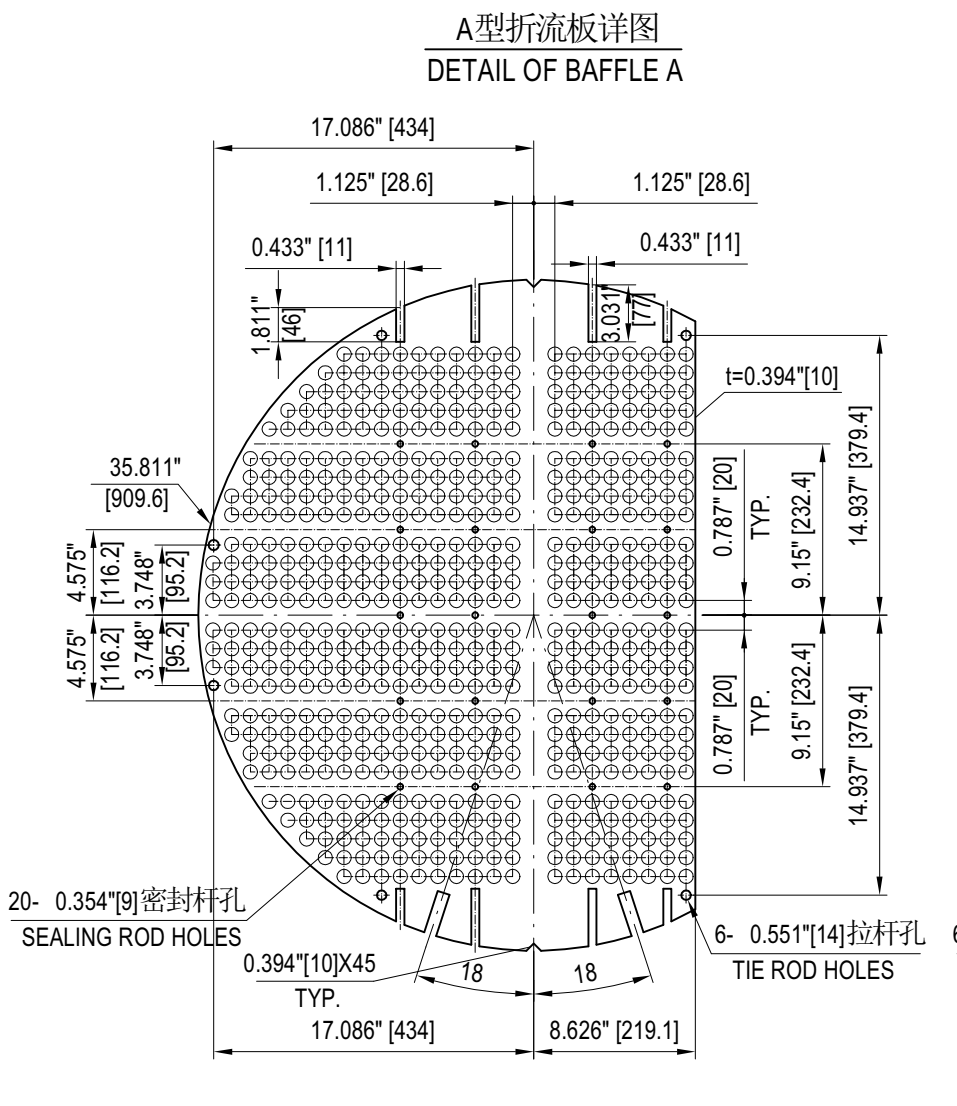
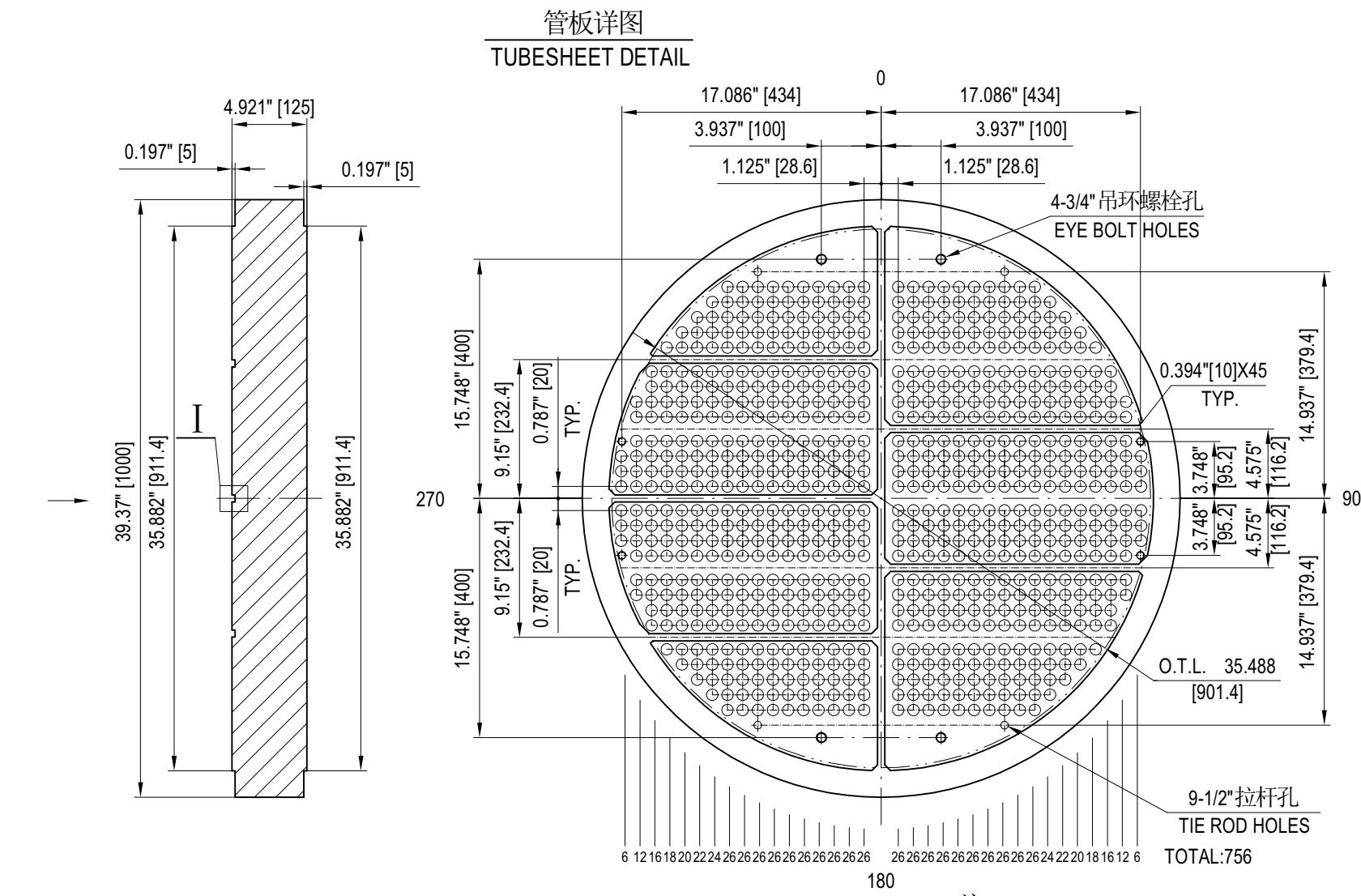
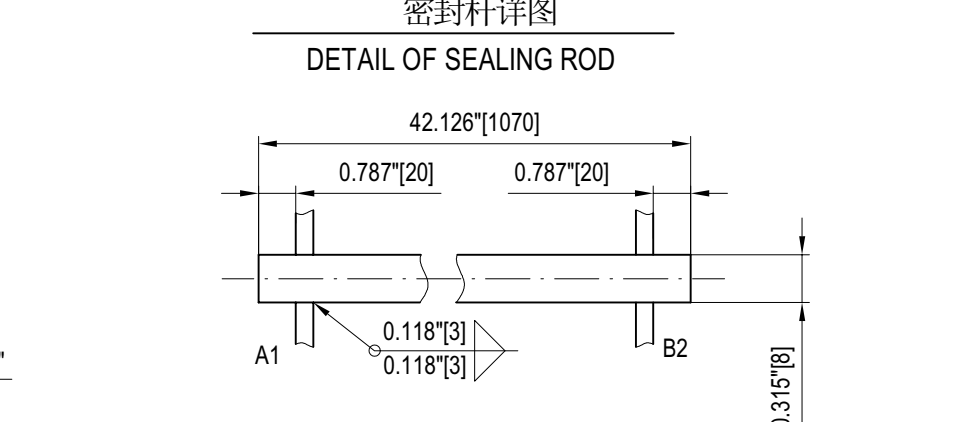
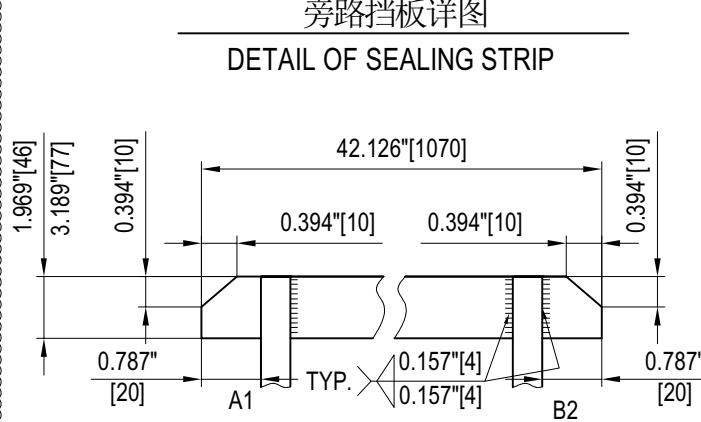
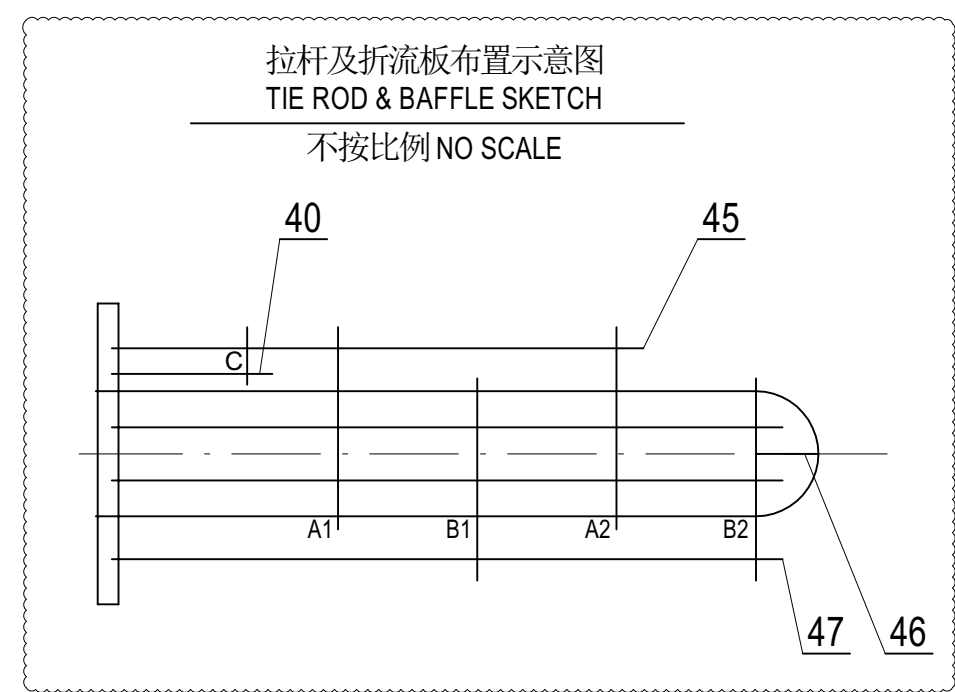
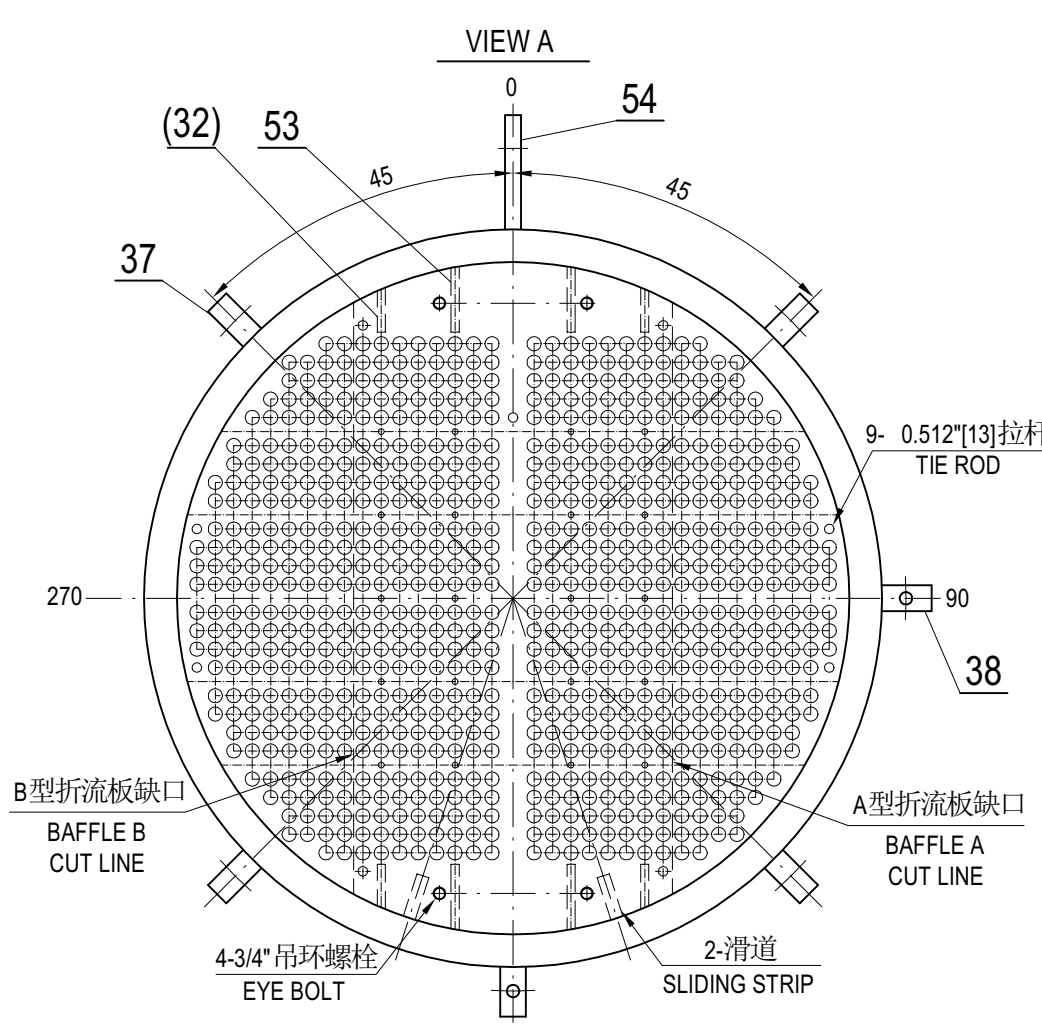
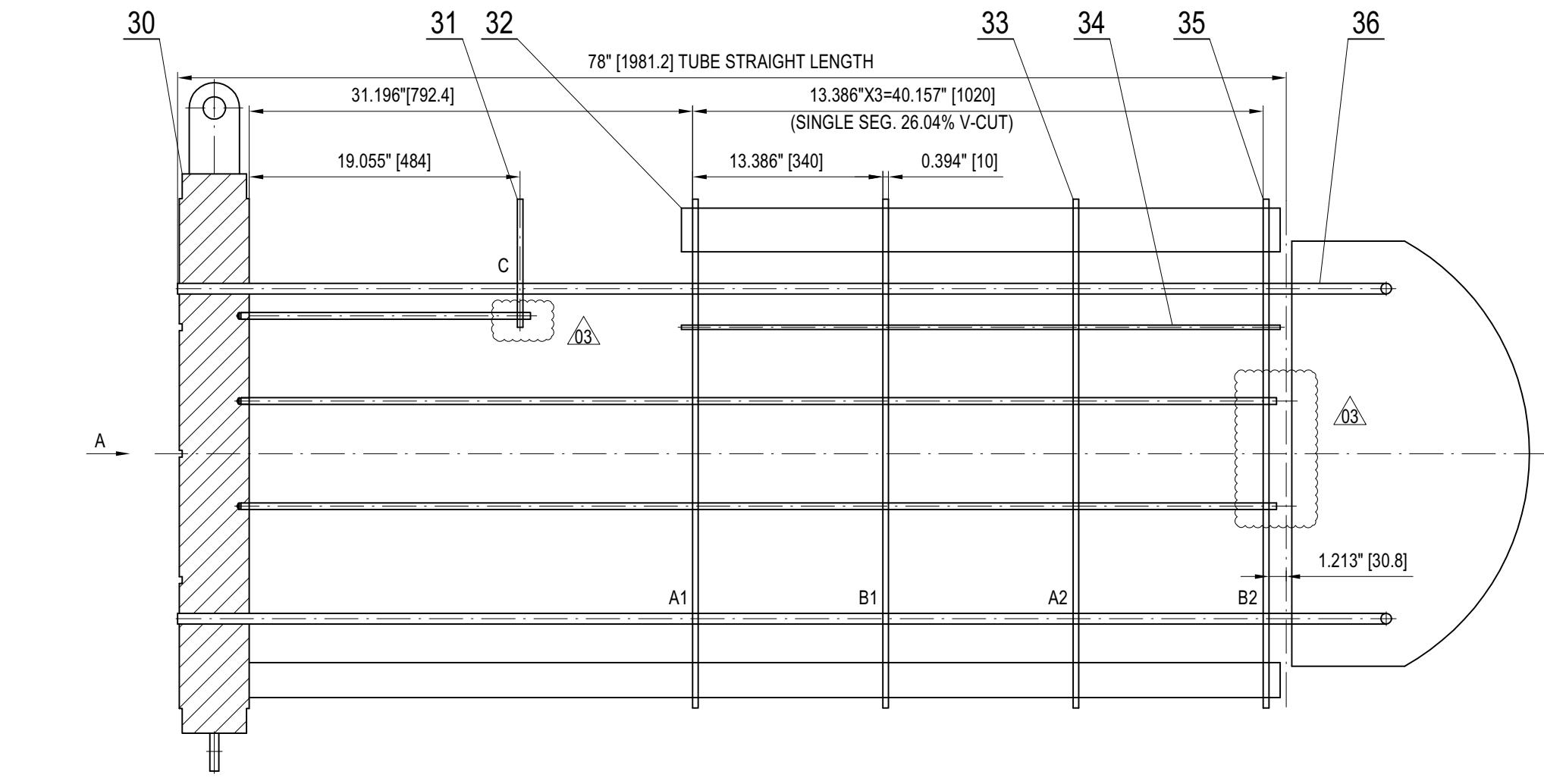
定位销详图
DETAIL OF PIN



注NOTE
1.垫片为KAMMPROFILE(FLEXITALIC 或 AMONS)制作垫片,由3mm厚SS316L金属板和上下两层0.5mm厚的石墨组成; THE GASKET IS KAMMPROFILE(EITHER FLEXITALIC OR LAMONS MAKE); THICKNESS OF PERIPHERAL GASKETS SHALL BE 3mm+0.5mm+0.5mm GRAPHITE LAYERS IN BOTH SIDES. SERRATED METAL MATERIAL IS SS316L.
2.垫片系数: GASKET FACTORY IS m=4.25,y=101000 psi.



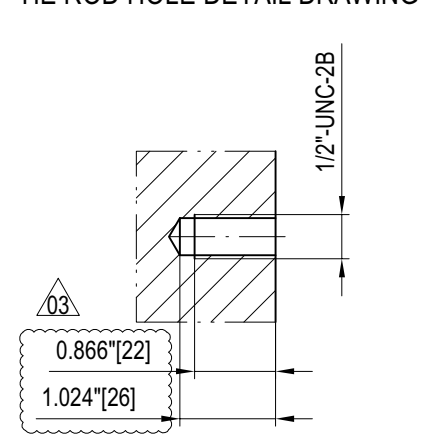
23		顶丝 3/4" L=225 JACK SCREW	8	SS304	0.5	4.0					
22		顶丝 3/4" L=175 JACK SCREW	4	SS304	0.4	1.6					
21		定位销 16 L=163 PIN	2	SS304	0.5	2.0					
20		定位销 16 L=130 PIN	2	SS304	0.4	0.8					
19		分程隔板 t=16 PASS PARTITION PLATE	2	SA-516 Gr.70N	45.9	91.8					
18		分程隔板 t=16 PASS PARTITION PLATE	1	SA-516 Gr.70N		96.5					
17		分程隔板 t=16 PASS PARTITION PLATE	2	SA-516 Gr.70N	41.6	83.2					
16		分程隔板 t=16 PASS PARTITION PLATE	1	SA-516 Gr.70N		47.4					
15		2:1椭圆封头 ID914.4X14(Min.12) 2:1 ELLIP HEAD	1	SA-516 Gr.70N		116					
14		筒体 ID914.4X22 L=2600 SHELL	1	SA-516 Gr.70N		1321					
13	ASME PCC-1-2019 Appendix M	垫圈 1 3/8" WASHER	80+8	TYPE 4	/	/					
12	ASME B18.2.2-2022	螺母 1 3/8"-8UN-2B HEAVY HEAVY HEX NUTS	160+14	SA-194 Gr. 2H	0.2	32.0					
11	ASME B18.2.1-2012(R2021)	全螺纹螺栓 1 3/8"-8UN-2A L=560 FULL THREADED STUD BOLT	40+4	SA-193 Gr. B7	4.2	168					
10	△	壳体法兰 SHELL FLANGE	1	SA-266 Gr.2N		378					
9		垫片 t=4 GASKET	1+2	SS316L+柔性石墨 SS316L+GRAPHITE	/	/					
8		管箱法兰 CHANNEL FLANGE	1	SA-266 Gr.2N		388					
7		管箱筒体 ID914.4X16 L=500 SHELL	1	SA-516 Gr.70N		184					
6	ASME PCC-1-2019 Appendix M	垫圈 1 3/8" WASHER	80+8	TYPE4	/	/					
5	ASME B18.2.2-2022	螺母 1 3/8"-8UN-2B HEAVY HEAVY HEX NUTS	160+16	SA-194 Gr. 2H	0.5	80.0					
4	ASME B18.2.1-2012(R2021)	全螺纹螺栓 1 3/8"-8UN-2A L=430 FULL THREADED STUD BOLT	40+4	SA-193 Gr. B7	3.2	128					
3	△	管箱法兰 CHANNEL FLANGE	1	SA-266 Gr.2N		388					
2		垫片 t=4 GASKET	2+4	SS316L+柔性石墨 SS316L+GRAPHITE	/	/	见注 1,2 SEE NOTE 1,2				
1		平盖 BLIND FLANGE	1	SA-266 Gr.2N		903					
件号 PART NO.			图号或标准号 DWG. OR STD. NO.		名 称 DESCRIPTION		数量 QTY.	材 料 MATERIAL	单件 each 重量 WT. (kg)	总计 sum	备注 REMARK
AIR PRODUCTS							FLUOR				
Air Products Project Number			EN207119			Fluor Project Number			A8KM		
Project Name			World Energy Renewables Project			RFQ No.			A8KM-4-403-RQ		
Purchase Order Number			4505600572			PO/Contract No			A8KM-4-403-PO-1		
Air Products Open Text document number			EN207119-WUXI-9V3-00019			Project Area			Renewable Jet Fuel Unit B		
Client			WORLD ENERGY PARAMOUNT			Client Doc No:					
03	供批件/ISSUED FOR APPROVAL					Zhiwei Lei	Shengfang Zhao	Kevin Yang	19-Oct-22		
02	供批件/ISSUED FOR APPROVAL					Zhiwei Lei	Shengfang Zhao	Kevin Yang	09-Aug-22		
01	供批件/ISSUED FOR APPROVAL					Zhiwei Lei	Shengfang Zhao	Kevin Yang	13-Jun-22		
00	供批件/ISSUED FOR APPROVAL					Zhiwei Lei	Shengfang Zhao	Kevin Yang	15-Apr-22		
版次 REV.						版次说明/DESCRIPTION		设计 PREPARED	审核 REVIEWED	批准 APPROVED	日期 DATE
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WCE 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.						设计项目 DESIGN ITEM World Energy Renewables Project			详细设计 Detail Design		
设计 PREPARED						Jet Side-Cut Stripper Reboiler SHELL DETAIL DRAWING			设备位号 ITEM NO. 18-X-353		
审核 REVIEWED									图号 DWG. NO. WXCE6708-01		
批准 APPROVED						比例: SCALE 1:10			版次: REV. 03		
									第 1 页 共 1 页 PAGE 1 OF 1		



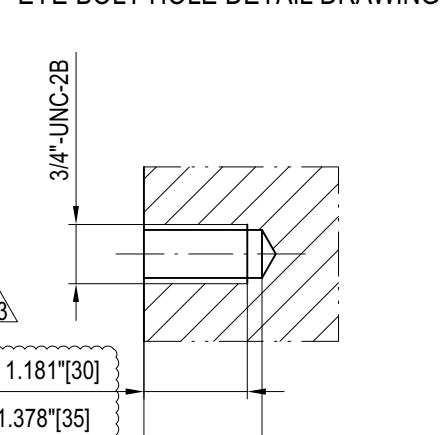
U型换热管数据表DATA TABLES OF U TUBES									
序号 ITEM	直管段(mm) STRAIGHT LENGTH	弯曲半径R(mm) BENDING R	换热管展开长度 TUBE LENGTH	管数 QTY.	单重(Kg) UNIT WEIGHT	总重(Kg) TOTAL WEIGHT	弯管部分消应力 HEAT TREATMENT FOR BENT SECTION	要 YES NOTE 6	
1	78" [1981.2]	1.125" [28.6]	159.539" [4052.3]	26	3.57	92.9			
2	78" [1981.2]	2.125" [54]	162.681" [4132.1]	26	3.64	94.7			
3	78" [1981.2]	3.125" [79.4]	165.823" [4211.9]	26	3.71	96.5			
4	78" [1981.2]	4.125" [104.8]	168.965" [4291.7]	26	3.78	98.4			
5	78" [1981.2]	5.125" [130.2]	172.106" [4371.5]	26	3.85	100.2			
6	78" [1981.2]	6.125" [155.6]	175.248" [4451.3]	26	3.92	102			
7	78" [1981.2]	7.125" [181]	178.39" [4531.1]	26	3.99	103.8			
8	78" [1981.2]	8.125" [206.4]	181.531" [4610.9]	26	4.06	105.7			
9	78" [1981.2]	9.125" [231.8]	184.673" [4690.7]	26	4.13	107.5			
10	78" [1981.2]	10.125" [257.2]	187.815" [4770.5]	26	4.21	109.3			
11	78" [1981.2]	11.125" [282.6]	190.957" [4850.3]	24	4.28	102.6			
12	78" [1981.2]	12.125" [308]	194.098" [4930.1]	22	4.35	95.6			
13	78" [1981.2]	13.125" [333.4]	197.24" [5009.9]	20	4.42	88.3			
14	78" [1981.2]	14.125" [358.8]	200.378" [5089.6]	18	4.49	80.8			
15	78" [1981.2]	15.125" [384.2]	203.52" [5169.4]	16	4.56	72.9			
16	78" [1981.2]	16.125" [409.6]	206.661" [5249.2]	12	4.63	55.5			
17	78" [1981.2]	17.125" [435]	209.803" [5329]	6	4.7	28.2			

注:NOTE:
1. 换热管应逐根水压试验, 还需按照SA-450/SA-450M进行涡流检测。电测试验应覆盖换热管整个体积, 钢管厂提供的试验报告应能证明对换热管进行的所有无损检测类型和范围。
Eddy Current test per SA-450/SA-450M shall be used in addition to hydrostatic test. Electric test shall cover the entire metal volume of the tube. Mill test reports shall verify the type and extent of the all NDE tests applied to tubes.
2. 弯管后, U形管将100% MT检测
After bending, the U-tube shall be subject to 100% MT
3. U形管弯曲后应逐个进行水压试验, 试验压力不应低于换热器管侧和壳侧试验压力的较大值
After bending, the U-tube shall be subject to hydrostatic test one by one, and the test pressure shall not be lower than the larger value of the test pressure of the tube side and shell side of the heat exchanger
4. 弯管的扁平度不应超过管子公称外径的10%。
Flattening at the bend shall not exceed 10% of the nominal tube outside diameter.
5. 换热管应为无缝钢管, 每根U形管应由整根管子制成。
The tubes shall be seamless, U-tubes shall be of one piece construction.
6. U型管成型后, 弯管段加至少150mm直管段应进行消应力处理;
After the U-shaped heat exchange tube is formed, the bent section plus at least 150mm straight tube section should be stress relief treatment.

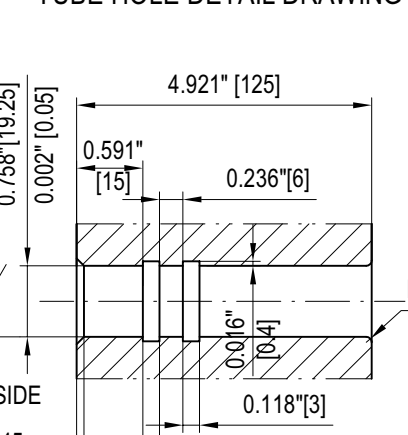
拉杆孔详图
TIE ROD HOLE DETAIL DRAWING



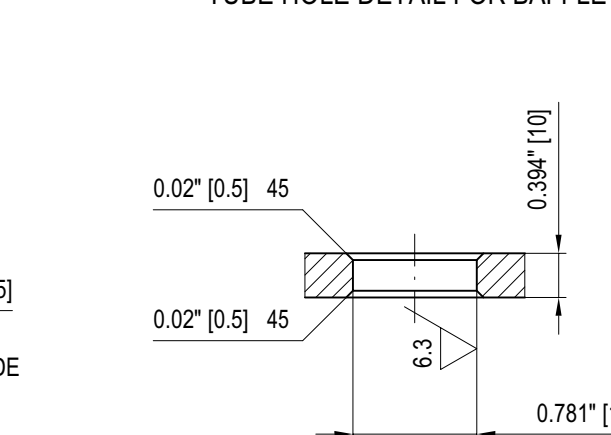
吊环螺栓孔详图
EYE BOLT HOLE DETAIL DRAWING



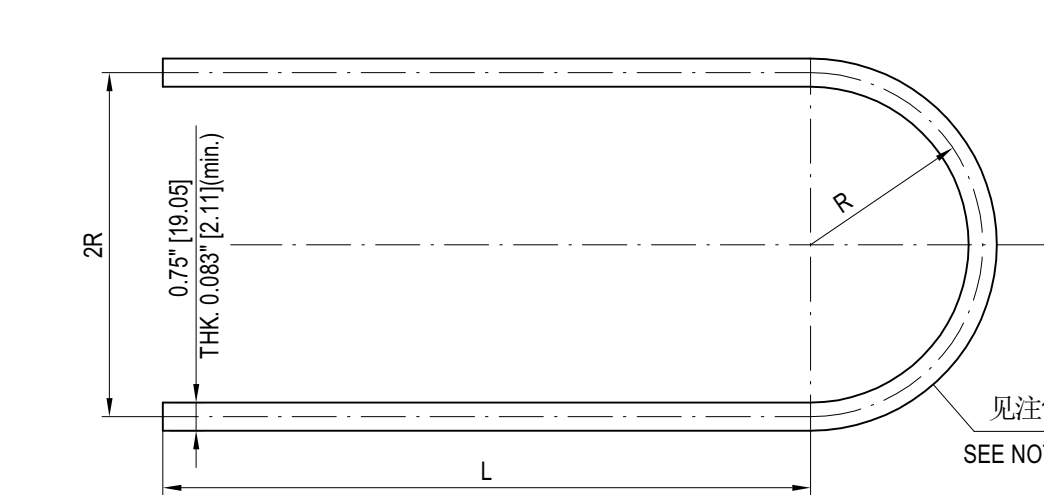
管孔详图
TUBE HOLE DETAIL DRAWING



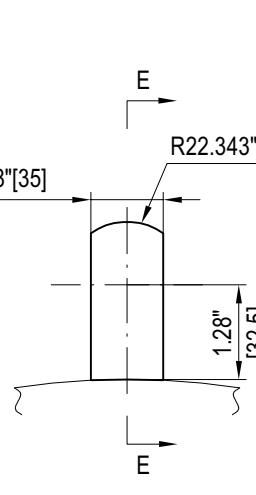
折流板管孔图
TUBE HOLE DETAIL FOR BAFFLE



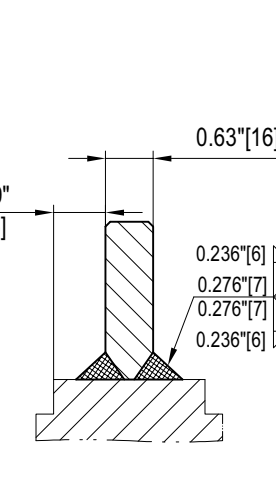
U形管详图
U TUBE DETAIL DRAWING



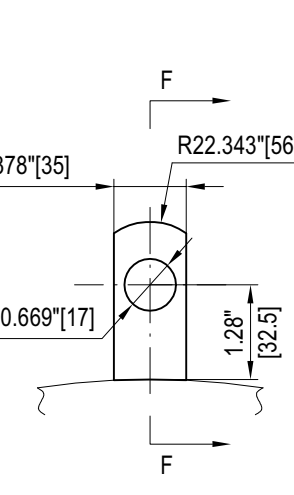
件号37详图
DETAIL OF PART NO.37
不按比例 NO SCALE



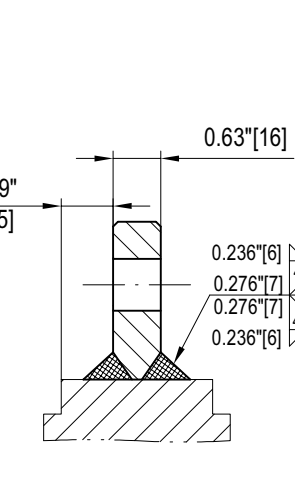
E-E
不按比例 NO SCALE



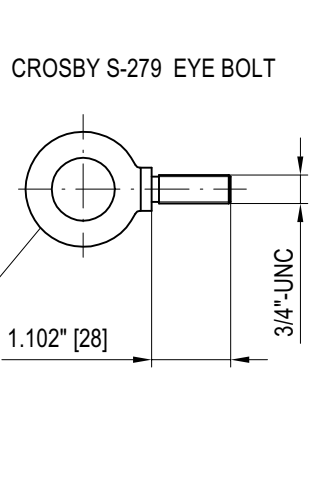
件号38详图
DETAIL OF PART NO.38
不按比例 NO SCALE



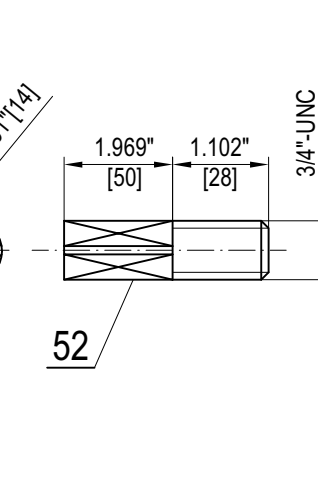
F-F
不按比例 NO SCALE



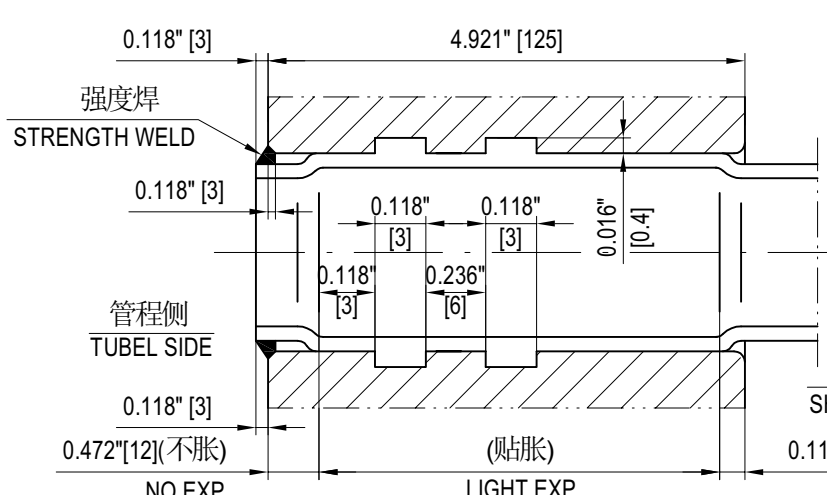
吊环螺栓详图
EYE BOLT DETAIL DRAWING



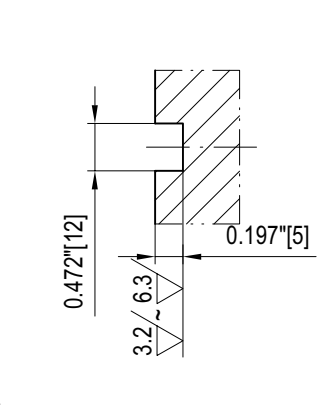
螺塞详图
PLUG DETAIL DRAWING



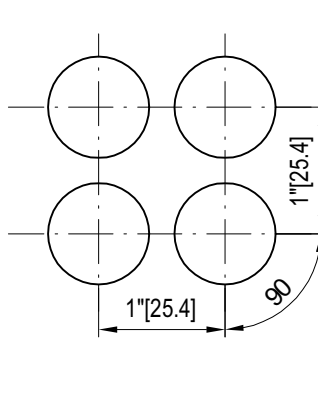
换热管与管板连接图
TUBE TO TUBESHEET JOINT



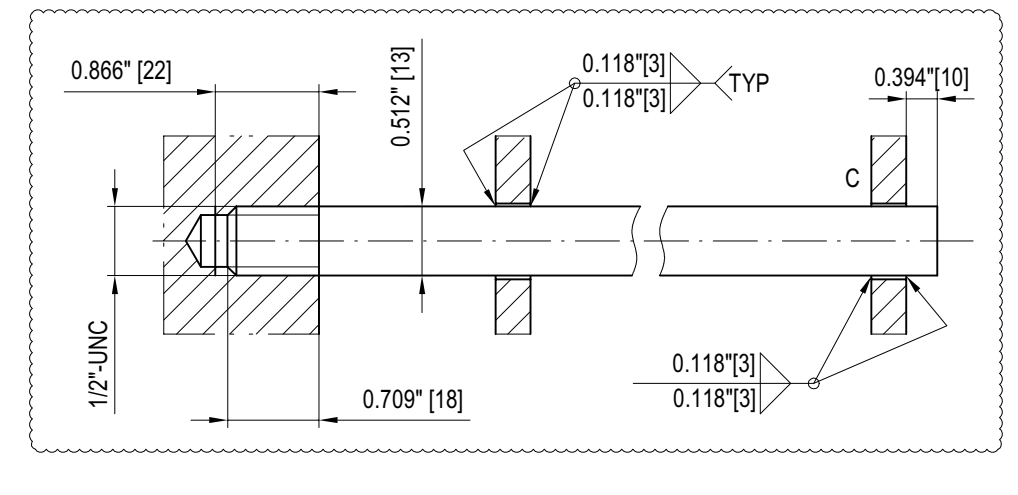
I
不按比例 NO SCALE



布管详图
DETAIL OF TUBE LAYOUT

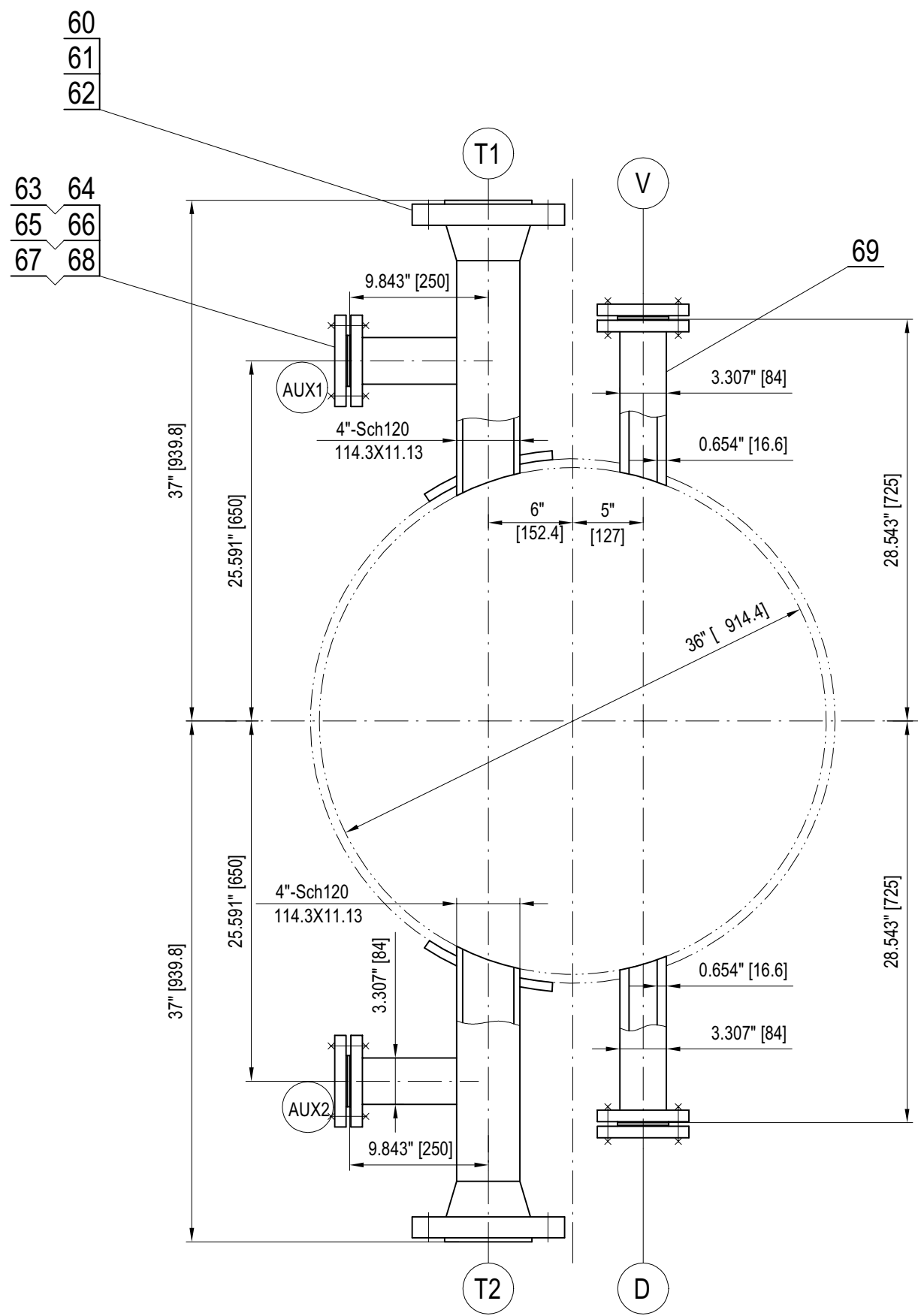


拉杆安装详图
TIE ROD ASSEMBLY DETAIL DRAWING

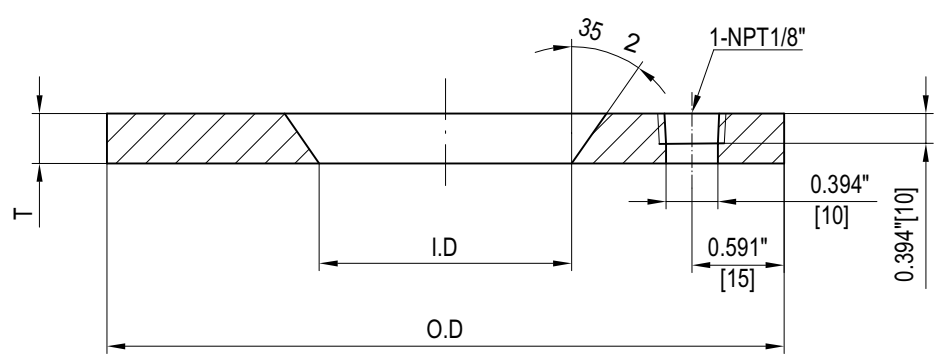


54		吊耳E=22 LIFTING LUG	1	SA-516 Gr.70N		2.2	
53		旁路挡板E=10 SEALING STRIP	2	SA-516 Gr.70N	6.5	13.0	
52		螺塞 PLUG	4	SA-105N	/	/	
51	CROSBY S-279	吊环螺栓 3/4"-UNC L=28 EYE BOLT	4	SA-105N	0.2	0.8	
50		滑道E=16 SLIDING STRIP	2	SA-516 Gr.70N	12.7	25.4	
49		DELETED					
48		DELETED					
47		拉杆 13(L=1851) TIE ROD	6	SA-36	1.8	10.8	
46		尾部支撑板E=10 U-BEND SUPPORT	1	SA-516 Gr.70N		17.0	
45		拉杆 13(L=1511) TIE ROD	2	SA-36	1.4	2.8	
44		DELETED					
43		DELETED					
42		DELETED					
41		DELETED					
40		拉杆 13(L=517) TIE ROD	1	SA-36		0.6	
39		DELETED					
38		定位销板E=16 PLATE	2	SA-516 Gr.70N	0.4	0.8	
37		顶丝板E=16 PLATE	4	SA-516 Gr.70N	0.4	1.6	
36		U型换热管 19.05X2.11(min.) U-TUBE	378U	SA-179		1535	
35		B型折流板E=10 BAFFLE B	2	SA-516 Gr.70N	35.0	70.0	
34		密封杆 8L=1070 SEALING ROD	20	SA-36	0.4	8.0	
33		A型折流板E=10 BAFFLE A	2	SA-516 Gr.70N	35.0	70.0	
32		旁路挡板E=10 SEALING STRIP	2	SA-516 Gr.70N	3.9	7.8	
31		防震板E=10 VIBRATION SUPPORT C	1	SA-516 Gr.70N		7.5	
30		管板 TUBESHEET	1	SA-266 Gr.2N		549	

件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	单件重量 EACH WT. (kg)	总计重量 SUM WT. (kg)	备注 REMARK
AIR PRODUCTS PROJECT NUMBER EN207119							
Project Name World Energy Renewables Project							
Purchase Order Number 4505600572							
Air Products Open Text document number EN207119-WUXI-9V3-00019							
Client WORLD ENERGY PARAMOUNT							
Client Doc No:							
03	供批图/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang		19-Oct-22	
02	供批图/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang		09-Aug-22	
01	供批图/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang		13-Jun-22	
00	供批图/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang		15-Apr-22	
版次REV	版次说明/DESCRIPTION	设计/DESIGNED	审核/REVIEWED	批准/APPROVED	日期/DATE		
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设计 DESIGN ITEM	Jet Side-Cut Stripper Reboiler			World Energy	Renewables Project		
设计阶段 DESIGN PHASE	Bundle Detail Drawing			详细设计	Detail Design		
设备位号 ITEM NO.	18-X-353			设备位号	18-X-353		
图号 DWG. NO.	WXCE6708-02			图号	WXCE6708-02		
设计 PREPARED				比例 SCALE	1:10		
审核 REVIEWED				版次 REV.	03		
批准 APPROVED				第1页 共1页 PAGE 1 OF 1			



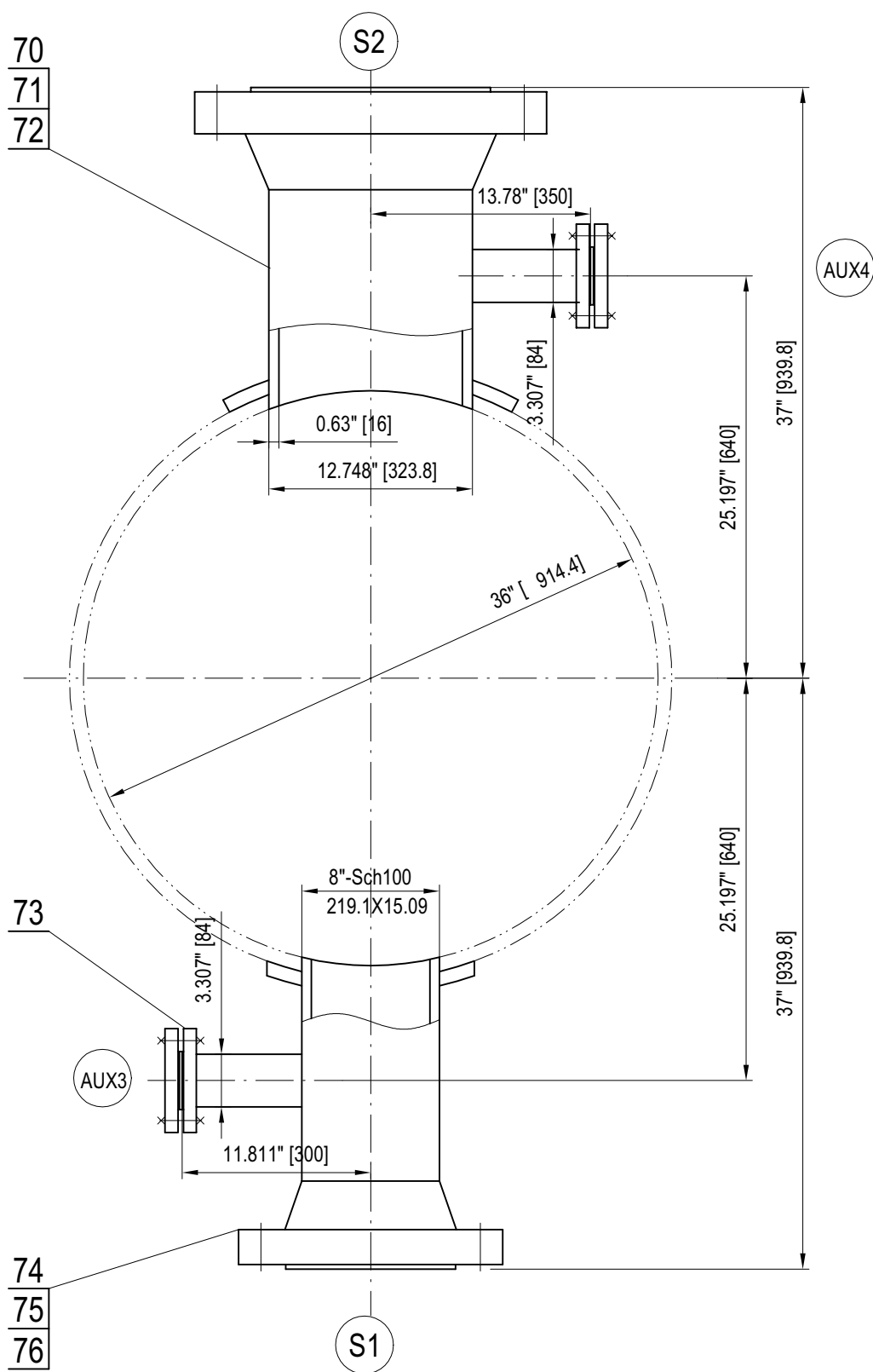
补强圈详图
DETAIL OF REINFORCEMENT PAD



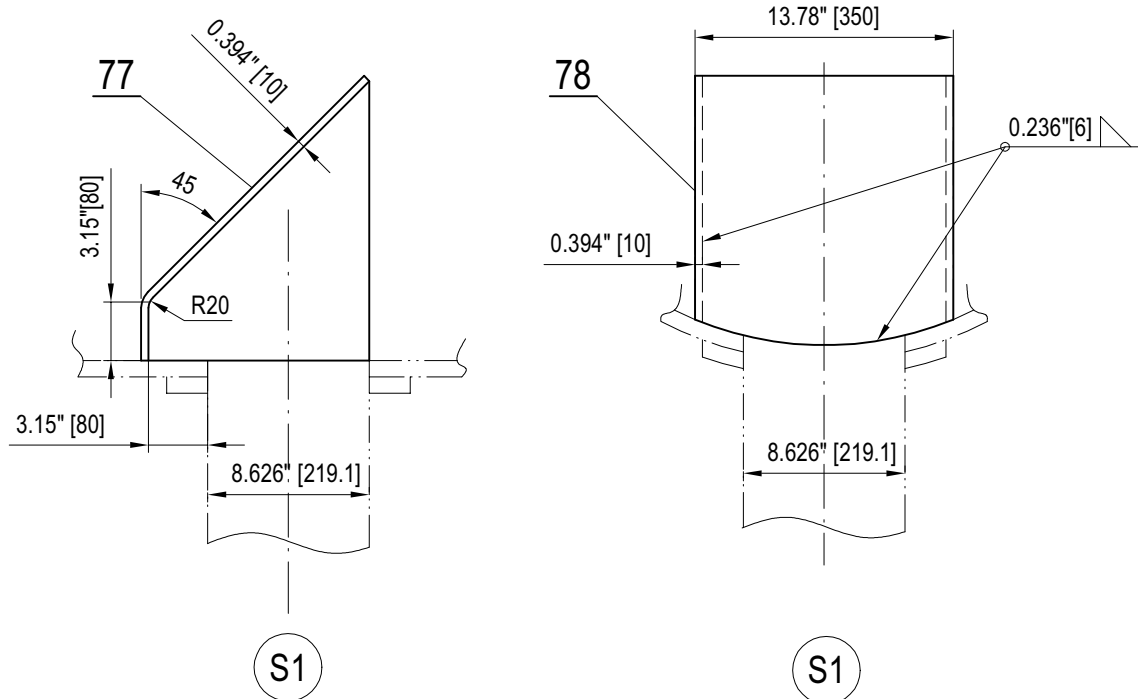
NOZZLE	NO.	I.D	O.D	T
T1,T2	62	4.882\" 124	9.055\" 230	0.63\"[16]
S1	76	9.016\" 229	12.992\" 330	0.866\"[22]
S2	72	13.15\" 334	18.504\" 470	0.866\"[22]

注/NOTE:

- 管法兰用缠绕垫材料:金属带--SS316L,填充带--柔性石墨;内环--SS316L, 外环--SS316L.
The spiral wound gasket of nozzle, material as below:hoop--SS316L,filler--graphite; inner ring--SS316L; outer ring--SS316L.
- 垫片供应商为FLEXITALLIC 或LAMONS
Manufactures shall be Flexitallic styles CGI or Lamons styles WRI, WRI-L.C.
- For tubeside, internal and external fillet welds shall be ground to a smooth and generous concave contour. notches, weld undercuts, etc. shall be removed.



导向板详图
DETAIL OF DEFLECTOR PLATE



FLAMMABLE SERVICE
(SHELL & TUBE SIDE)

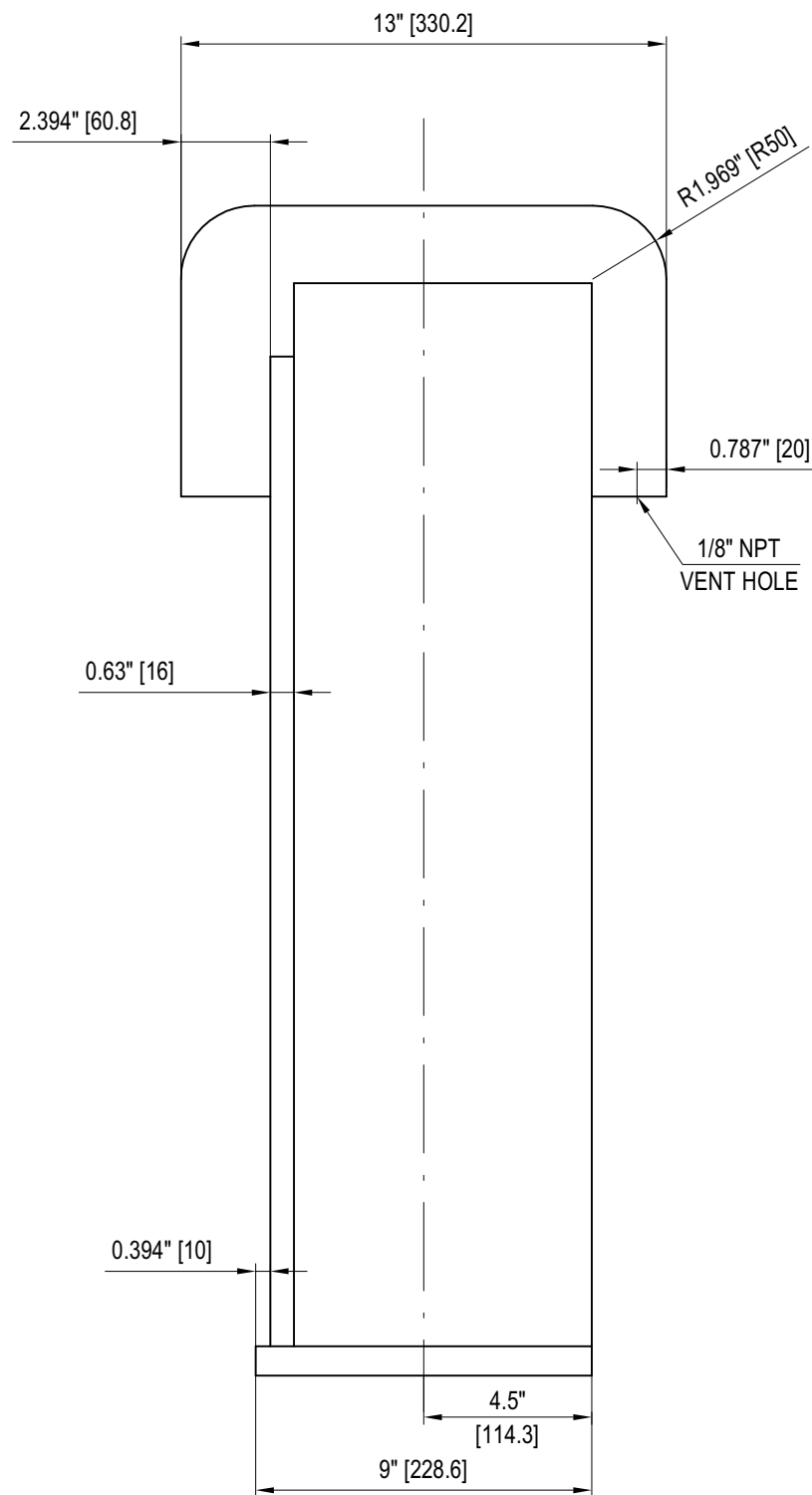
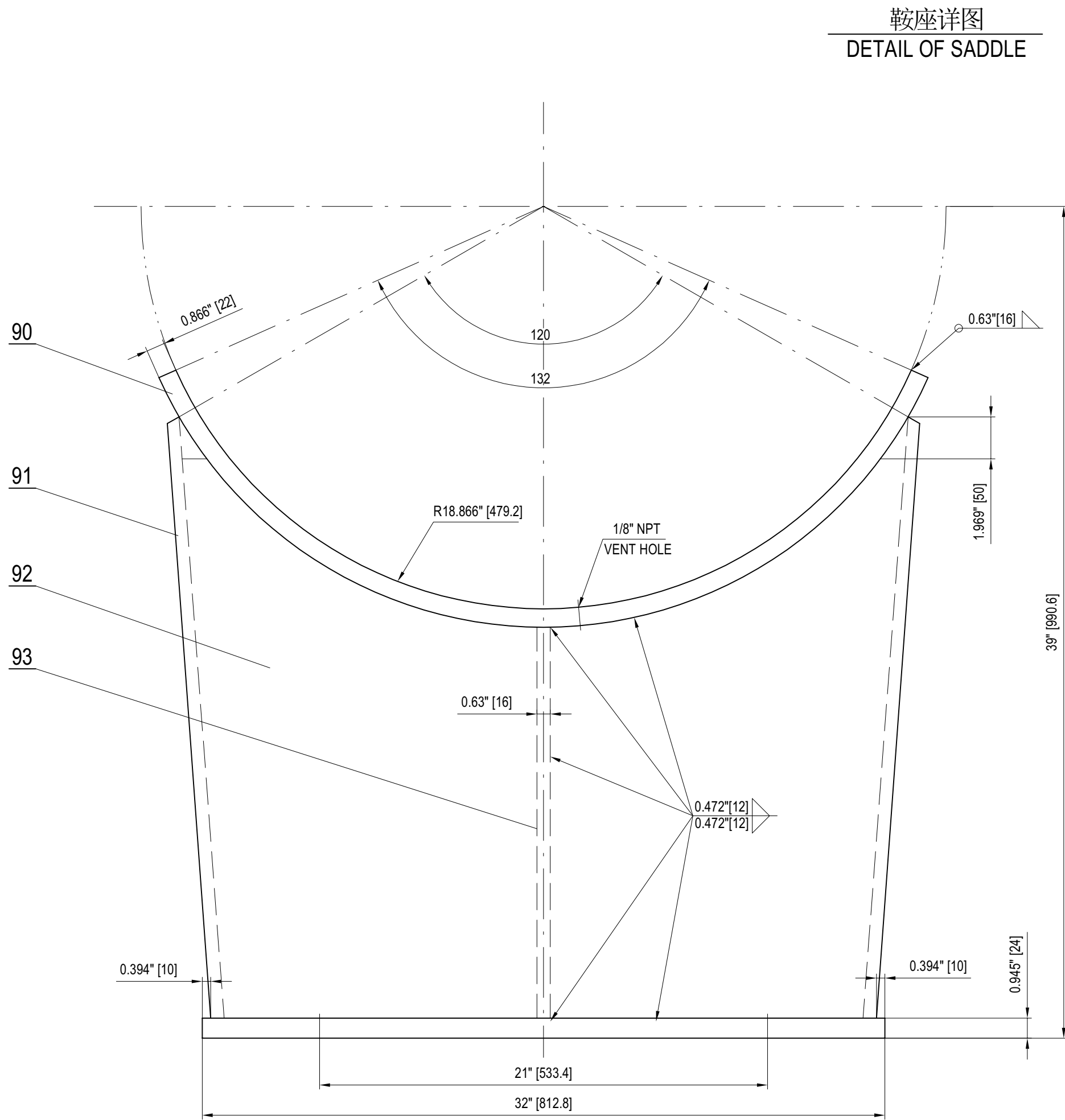
78		导向板 t=10 PLATE	2	SA-516 Gr.70N	5.8	11.6	S1
77		导向板 t=10 PLATE	1	SA-516 Gr.70N		13.6	S1
76		补强圈 t=22 REINFORCEMENT PAD	1	SA-516 Gr.70N		7.6	S1
75		接管 219.1X15.09 PIPE	1	SA-266 Gr.2N		27.0	S1
74	ASME B16.5-2017	法兰 WN 8\"-600# RF Sch100 FLANGE	1	SA-105N		50.9	S1
73	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	2	SA-105N	9.2	18.4	AUX3,AUX4
72		补强圈 t=22 REINFORCEMENT PAD	1	SA-516 Gr.70N		14.8	S2
71		接管 323.8X16 PIPE	1	SA-266 Gr.2N		42.5	S2
70	ASME B16.5-2017	法兰 WN 12\"-600# RF B=291.8 FLANGE	1	SA-105N		103	S2
69	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	2	SA-105N	9.6	19.2	V.D
68	ASME PCC-1- 2019 Appendix M	垫圈 5/8\" WASHER	96+10	TYPE 4	/	/	V.D,AUX1-4
67	ASME B18.2.2-2022	六角重型螺母 5/8\"-11UNC-2B HEAVY HEX NUT	192+20	SA-194 Gr. 2H	/	/	V.D,AUX1-4
66	ASME B18.2.1-2012(R2021)	全螺纹螺栓 5/8\"-11UNC-2A L=150 FULL THREADED STUD BOLT	48+5	SA-193 Gr.B7	0.2	9.6	V.D,AUX1-4
65	ASME B16.20-2017, 03	缠绕垫片 2\"-300#RF SPIRAL WOUND GASKET	6+12	SEE NOTE	/	/	V.D,AUX1-4
64	ASME B16.5-2017	法兰盖 BL 2\"-300# RF BLIND FLANGE	6	SA-105N	4.6	9.2	V.D,AUX1-4
63	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	2	SA-105N	9.1	18.2	AUX1,AUX2
62		补强圈 t=16 REINFORCEMENT PAD	2	SA-516 Gr.70N	3.8	7.6	T1,T2
61		接管 114.3X11.13 PIPE	2	SA-266 Gr.2N	11.7	23.4	T1,T2
60	ASME B16.5-2017	法兰 WN 4\"-600# RF Sch120 FLANGE	2	SA-105N	16.8	33.6	T1,T2

件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单件重量 each WT. (kg)	总计重量 sum	备注 REMARK
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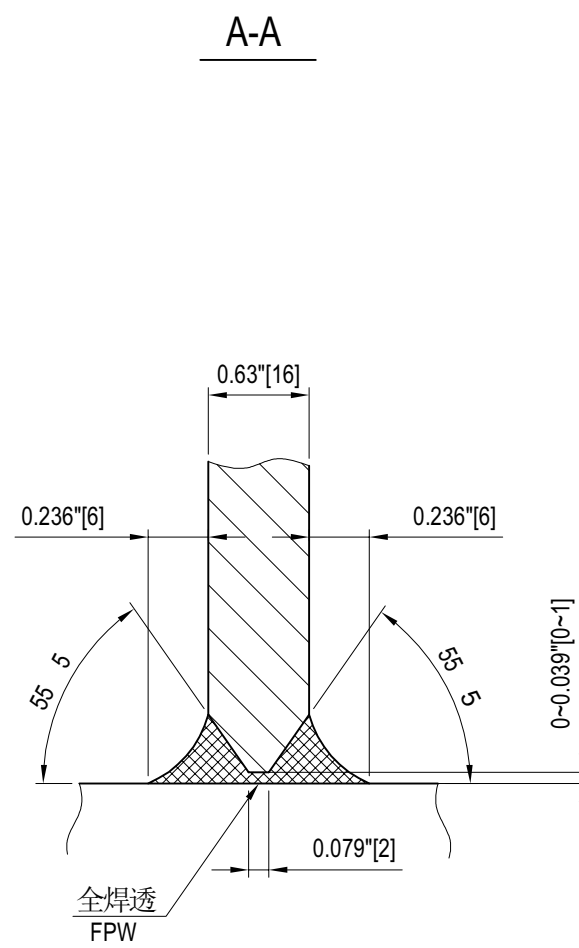
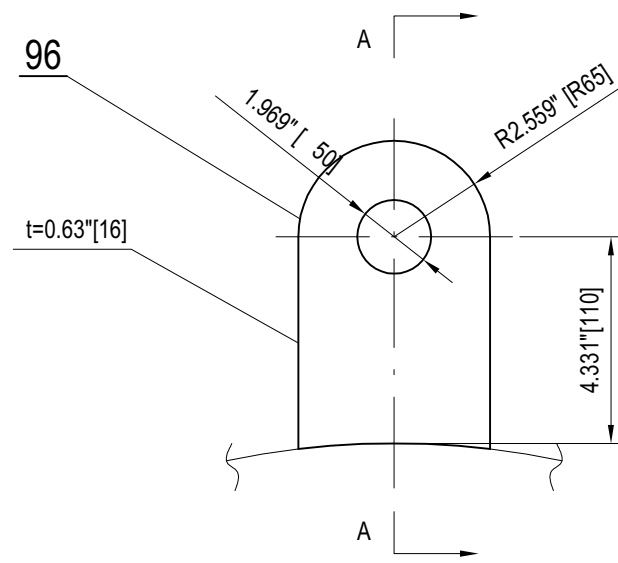
							
Air Products Project Number		EN207119	Fluor Project Number		A8KM		
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ		
Purchase Order Number		4505600572	PO/Contract No		A8KM-4-403-PO-1		
Air Products Open Text document number		EN207119-WUXI-9V3-00019	Project Area		Renewable Jet Fuel Unit B		
Client		WORLD ENERGY PARAMOUNT		Client Doc No:			
03	供批准/ ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	19-Oct-22	
02	供批准/ ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	09-Aug-22	
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00	供批准/ ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	15-Apr-22	
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WCE 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.				设计阶段 详细设计	
设计 PREPARED				设备位号 18-X-353	
审核 REVIEWED				图号 WXCE6708-03	
批准 APPROVED				第1页 共1页 PAGE 1 OF 1	

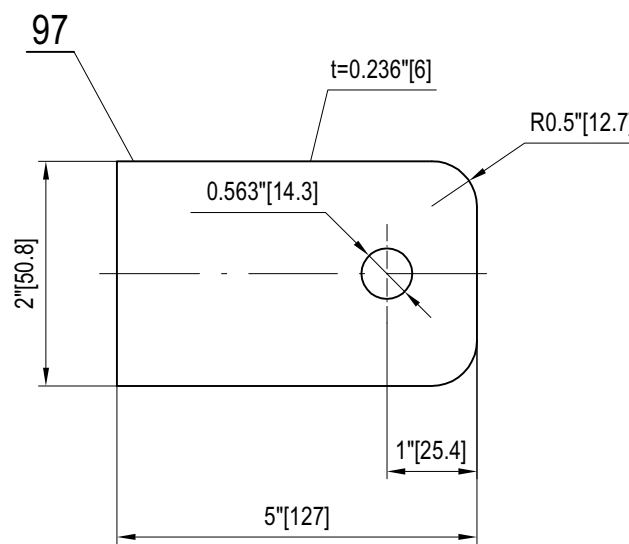
W1	不带补强圈的接管与壳体焊接详图 NO REINFORCED NOZZLE TO SHELL	W2	带补强圈接管与壳体连接 REINFORCED NOZZLE TO SHELL t=0.472\"[12](T1,T2) t=0.63\"[16](S1,S2)	W3	对接焊缝连接 BUTTED WELDING SEAM RT-FULL(S2)



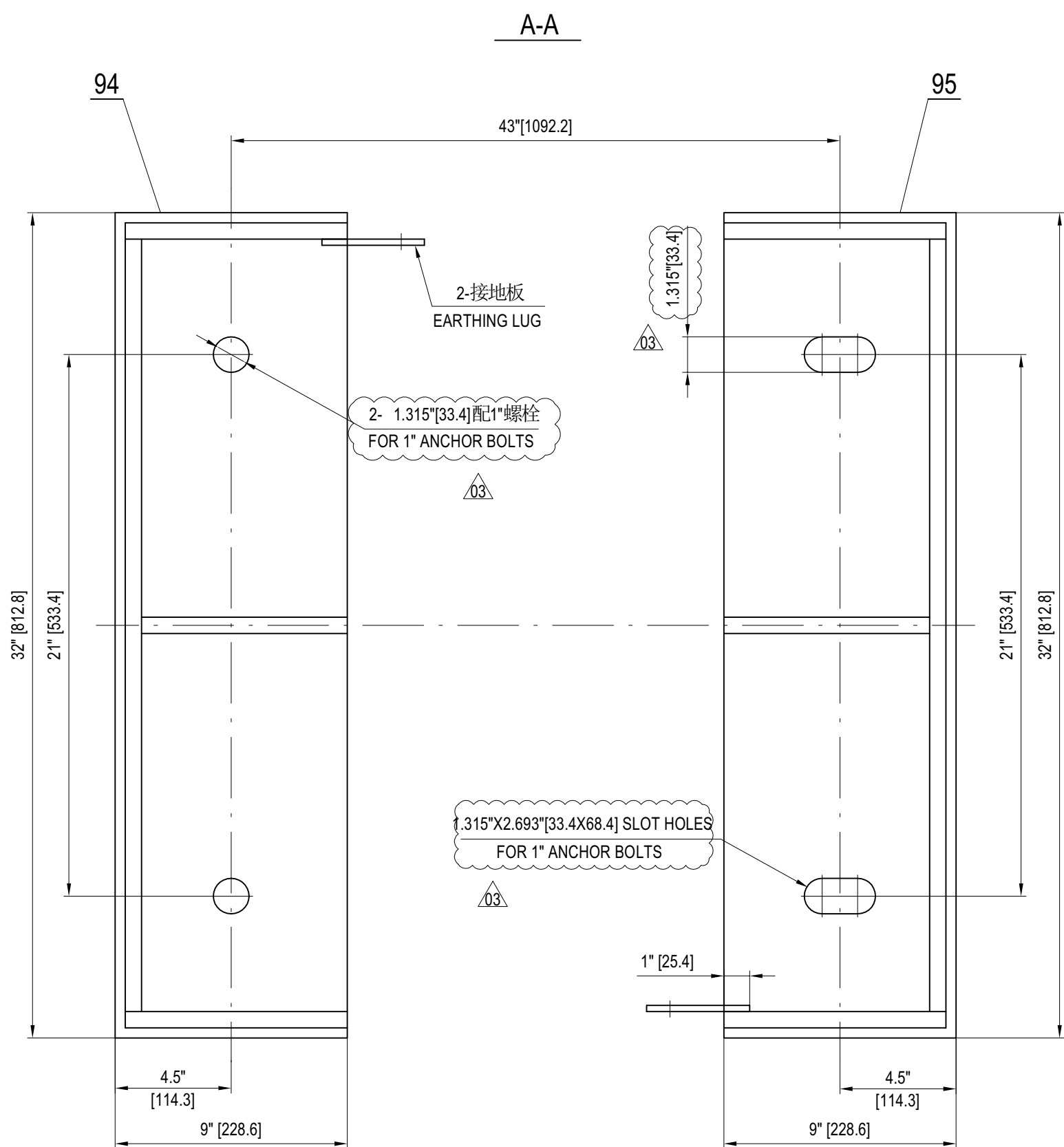
管箱,平盖吊耳详图
DETAIL OF LIFTING LUG FOR CHANNEL



接地板详图
DETAIL OF EARTHING LUG



FLAMMABLE SERVICE
(SHELL & TUBE SIDE)



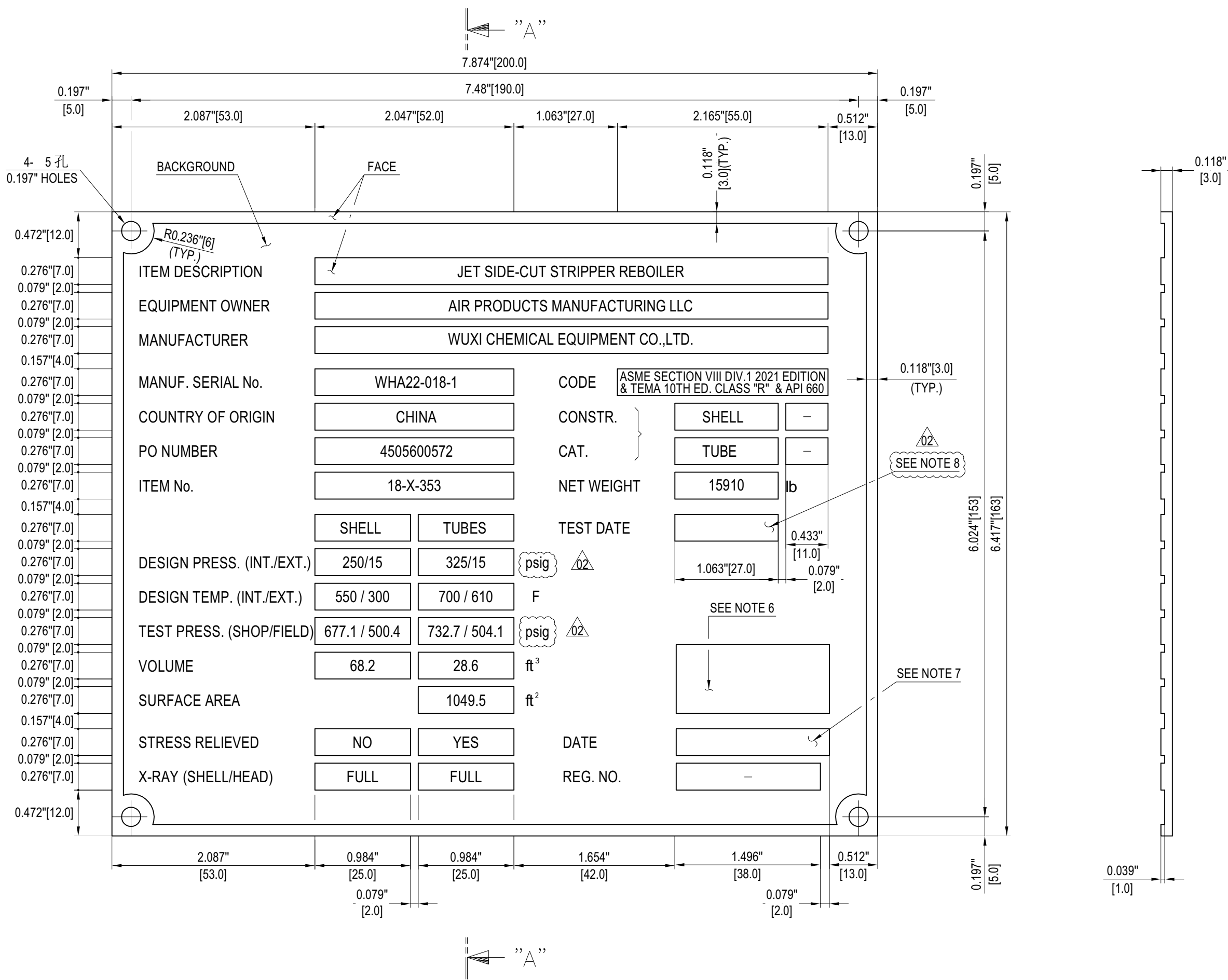
97	接地板 t=6 EARTHING LUG	2	SS304	0.5	1.0	
96	吊耳 t=16 LIFTING LUG	3	SA-516 Gr.70N	/	/	
95	底板 t=24 BASE PLATE	1	SA-516 Gr.70N		35.0	
94	底板 t=24 BASE PLATE	1	SA-516 Gr.70N		35.0	
93	筋板 t=16 RIB PLATE	2	SA-516 Gr.70N	12.1	24.2	
92	腹板 t=16 WEB PLATE	2	SA-516 Gr.70N	54.4	109	
91	筋板 t=16 RIB PLATE	4	SA-516 Gr.70N	18.4	73.6	
90	垫板 t=22 WEAR PLATE	2	SA-516 Gr.70N	65.9	132	

件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单件 each 重量 WT. (kg)	总计 sum	备 注 REMARK
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Air Products Project Number		EN207119	Fluor Project Number		A8KM	
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ	
Purchase Order Number		4505600572	PO/Contract No		A8KM-4-403-PO-1	
Air Products Open Text document number		EN207119-WUXI-9V3-00019	Project Area		Renewable Jet Fuel Unit B	
Client		WORLD ENERGY PARAMOUNT	Client Doc No:			
03	供批准/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang	19-Oct-22	
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00	供批准/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang	15-Apr-22	
版次 REV.		版次说明/DESCRIPTION	设计/PREPARED	审核/REVIEWED	批准/APPROVED	日期/DATE

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WCE 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.			设计项目 World Energy Renewables Project 详细设计 Detail Design		
设 计 PREPARED			设备位号 ITEM NO.	18-X-353	
审 核 REVIEWED			图 号 DWG. NO.	WXCE6708-04	
批 准 APPROVED			比 例: SCALE	1:5	版 次: REV.
				03	第1页 共1页 PAGE 1 OF 1

标准铭牌详图
DETAIL OF STANDARD NAME PLATE

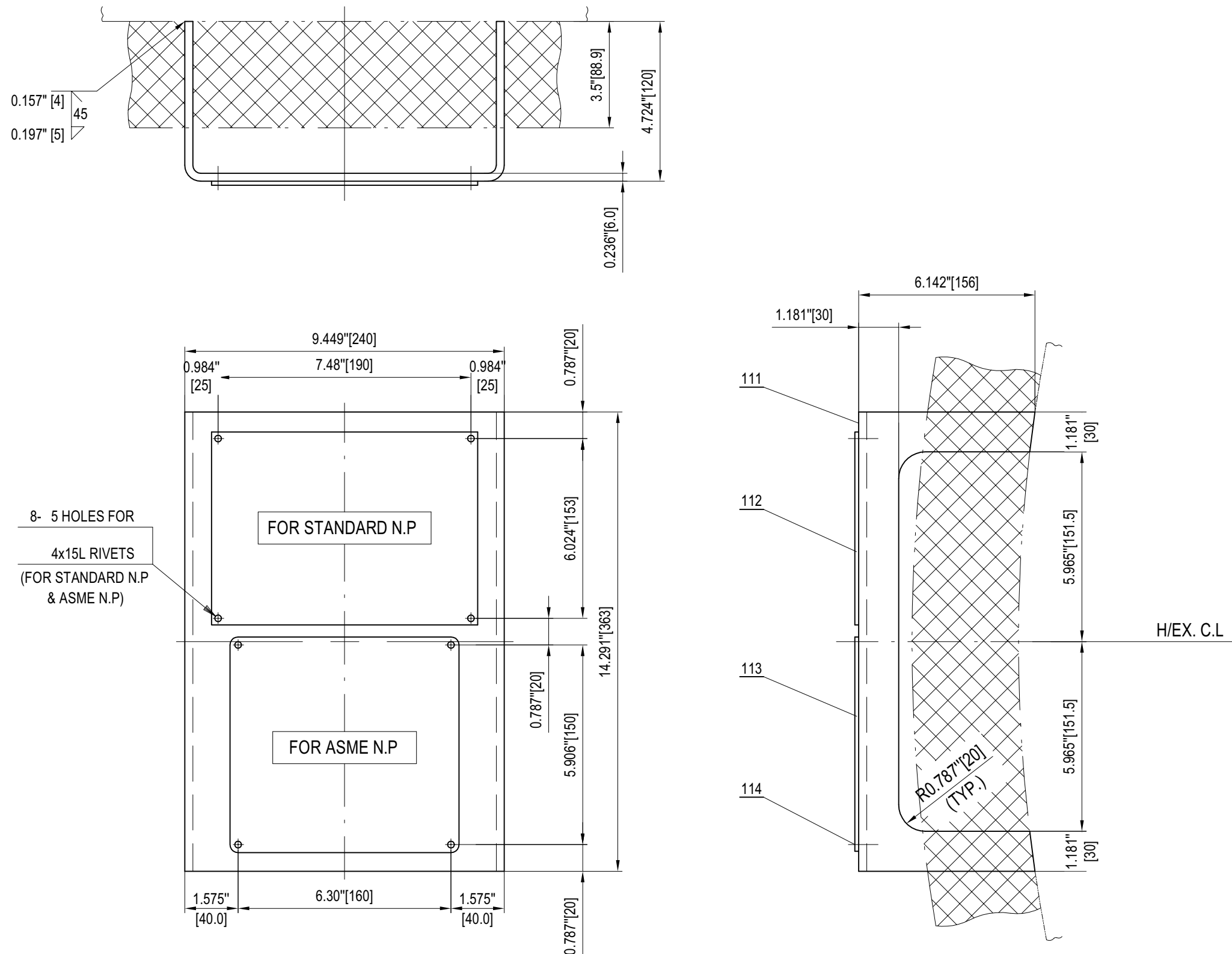
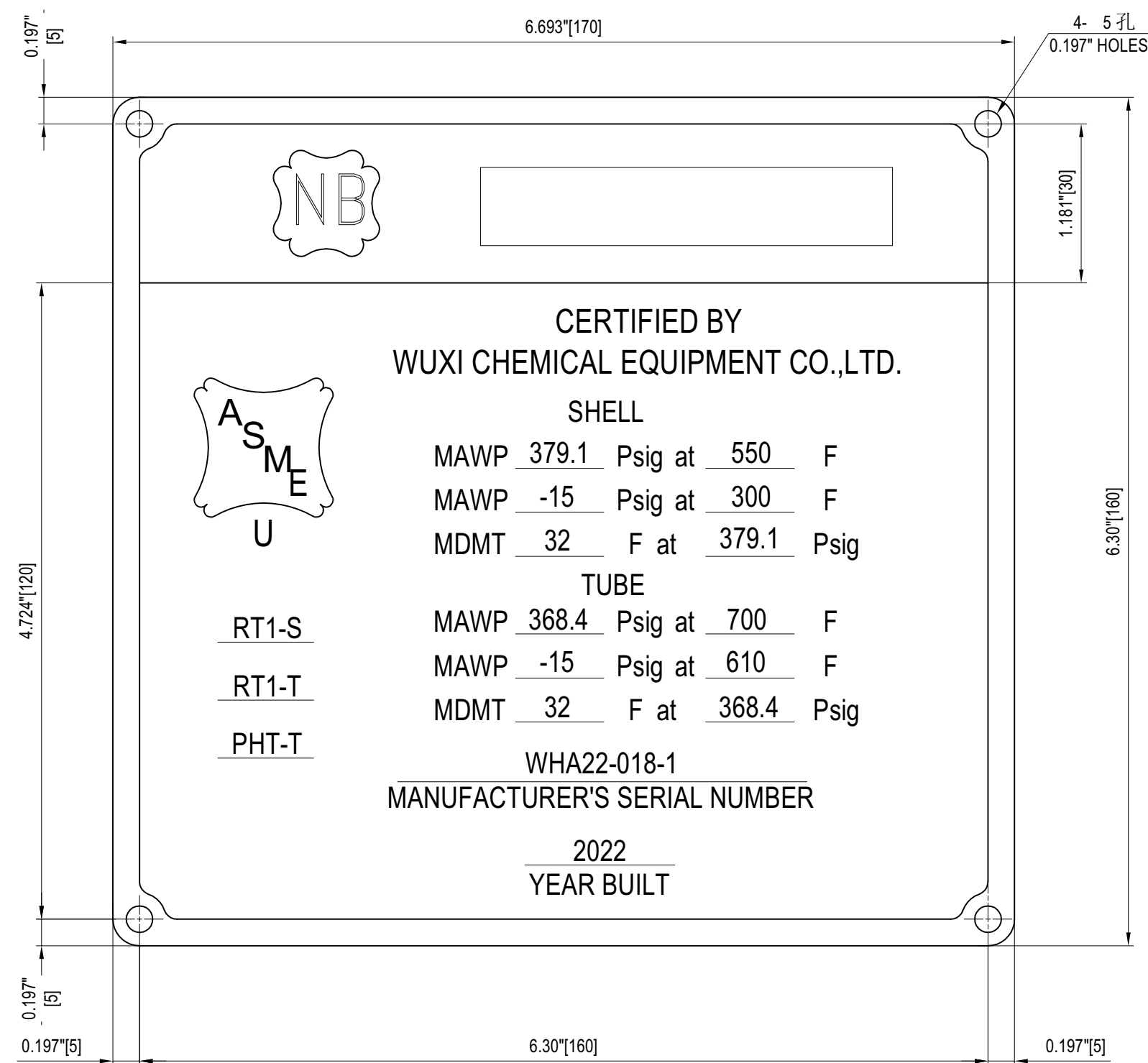


- 注:
- 除注明外，所有尺寸均以英制为准，括号外为英制尺寸，括号内为米制尺寸。
 - 完成后：铭牌表面抛光处理包括采用铸印字，背景凸起并涂上黑色油漆。
 - 日期：抛光表面要插入的日期（英文）。标志可用蚀刻或模压方法标在铭牌上，标志字符高度不小于0.157" [4mm]，字符深度不少于0.004" [0.1mm]。
 - 铭牌位置见设备装配图。
 - 水压试验后由AI和质量控制检验员一起进行钢印。

- *1: [NB] *2: [ASME]
- 批准钢印空间。
 - 批准日期。（示例：2019年3月1日）
 - 试验日期指压力试验日期。
 - REG. NO.注册号。

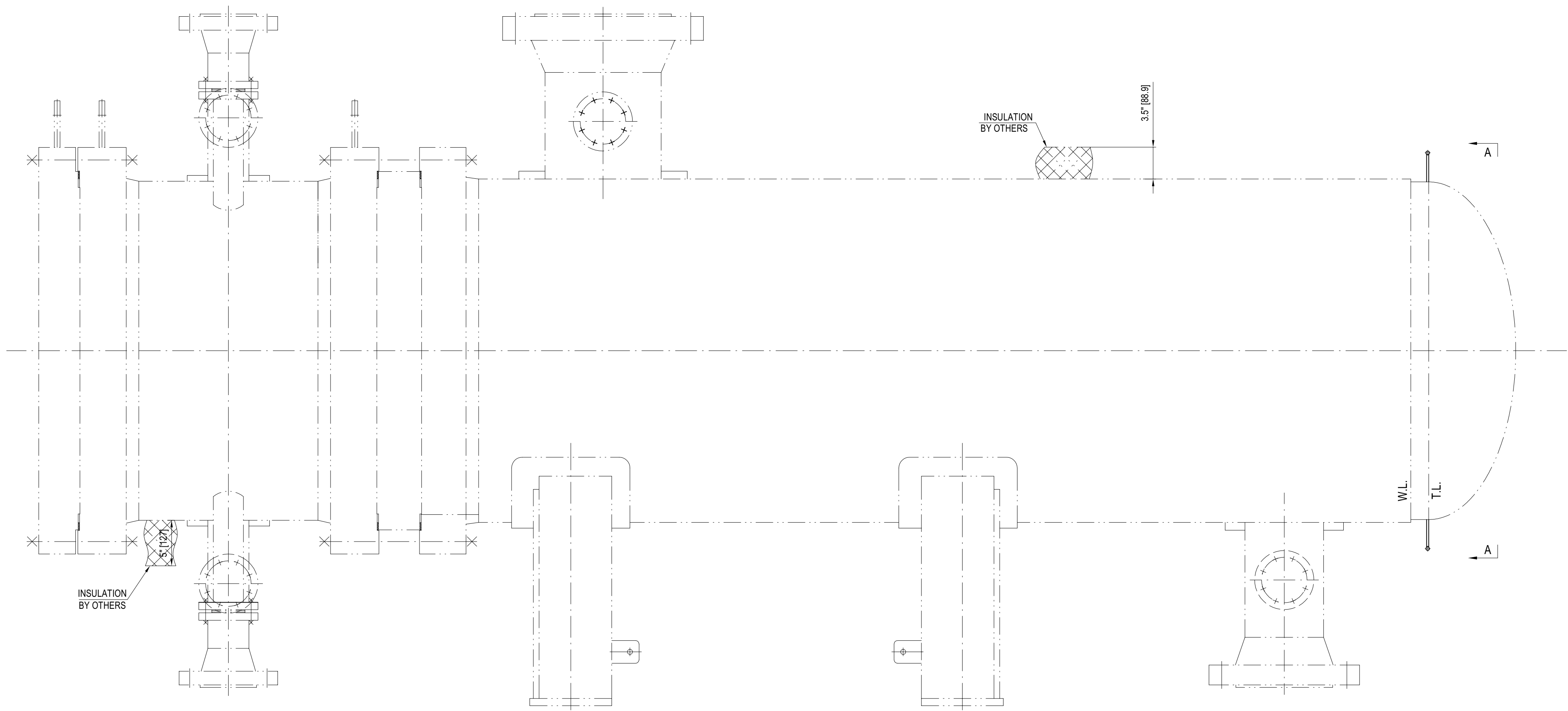
- NOTES
- ALL DIMENSIONS SHALL BE IN US CUSTOMARY UNIT AS PRIMARY UNIT AND METRIC UNIT SHOWN IN BRACKET, UNLESS OTHERWISE SPECIFIED.
 - FINISH : "FACE" MACHINED AND POLISHED INCLUDING CAST LETTERING. BACKGROUND KNURLD AND PAINTED BLACK.
 - DATE : DATE ON POLISHED SURFACE IS TO BE INSERTED(IN THE ENGLISH LANGUAGE) BY MEANS OF ENGRAVING OR HARD STAMPING AND MUST BE CLEARLY LEGIBLE. THE HEIGHT OF THE LETTERING SHOULD BE APPROX. 0.157" [4mm]. THE DEPTH OF THE LETTERING SHOULD BE APPROX. 0.004" [0.1mm].
 - FOR NAME PLATE LOCATION, SEE ASSY DWG. OF EQUIPMENT
 - STAMPING SHALL BE MADE BY Q.C INSPECTOR AFTER HYDROSTATIC TEST WITH CONCURRENCE OF A.I
 - SPACE FOR AUTHORITY APPROVAL STAMP.
 - DATE OF AUTHORITY APPROVAL. (EXAMPLE : 01 MAR 2019)
 - TEST DATE MEANS DATE OF PRESSURE TEST.
 - REG. NO.:REGISTRATION NUMBER.
 - LETTERS AND FIGURES ON ASME NAME PLATES SHALL NOT BE LESS THAN 0.157" (4 MM) HIGH.

ASME铭牌详图
DETAIL OF ASME NAME PLATE



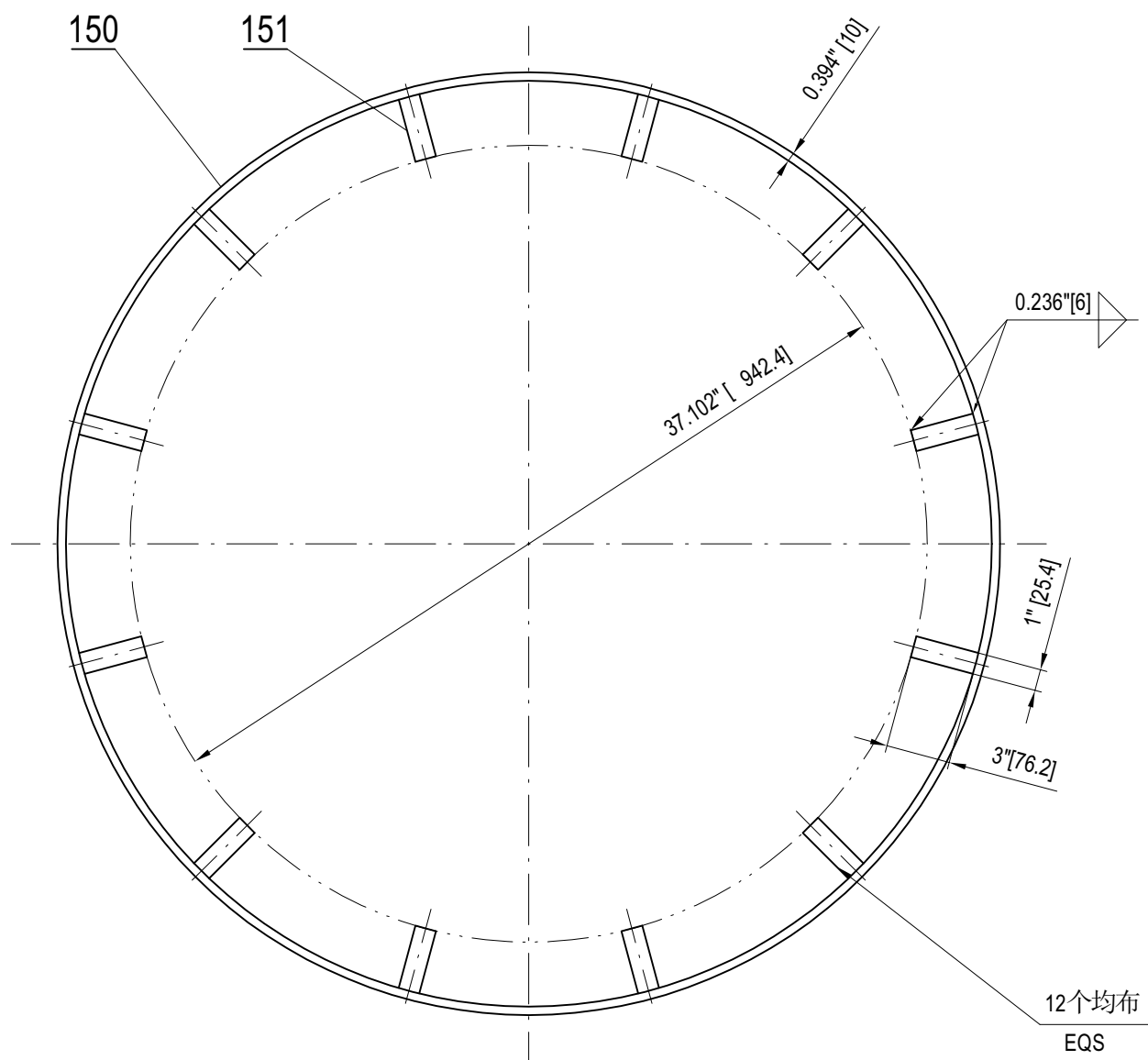
FLAMMABLE SERVICE
(SHELL & TUBE SIDE)

114		铆钉 4X14 RIVET	8	SS304	/		
113		ASME铭牌 t=3 ASME NAMEPLATE	1	SS304	0.4		
112		标准铭牌 t=3 STANDARD NAMEPLATE	1	SS304	0.7		
111		支架 t=6 BRACKET	1	SA-516 Gr.70N	3.9		
件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单件EACH 重量 WT. (kg)	总计SUM	备注 REMARK
AIR PRODUCTS			FLUOR				
Air Products Project Number		EN207119	Fluor Project Number		A8KM		
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ		
Purchase Order Number		4505600572	PO/Contract No		A8KM-4-403-PO-1		
Air Products Open Text document number		EN207119-WUXI-9V3-00019	Project Area		Renewable Jet Fuel Unit B		
Client		WORLD ENERGY PARAMOUNT	Client Doc No:				
03	供批准/ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	19-Oct-22	
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00	供批准/ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	15-Apr-22	
版次 REV.	版次说明/DESCRIPTION		设计/PREPARED	审核/REVIEWED	批准/APPROVED	日期/DATE	
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			设计阶段 DESIGN PHASE		详细设计 Detail Design		
设计 PREPARED			Jet Side-Cut Stripper Reboiler		设备位号 ITEM NO.		
审核 REVIEWED			NAMEPLATE DETAIL DRAWING		18-X-353		
批准 APPROVED			比例: SCALE 1:5		图号 DWG. NO. WXCE6708-05		
			版次: REV. 03		第 1 页 共 1 页 PAGE 1 OF 1		

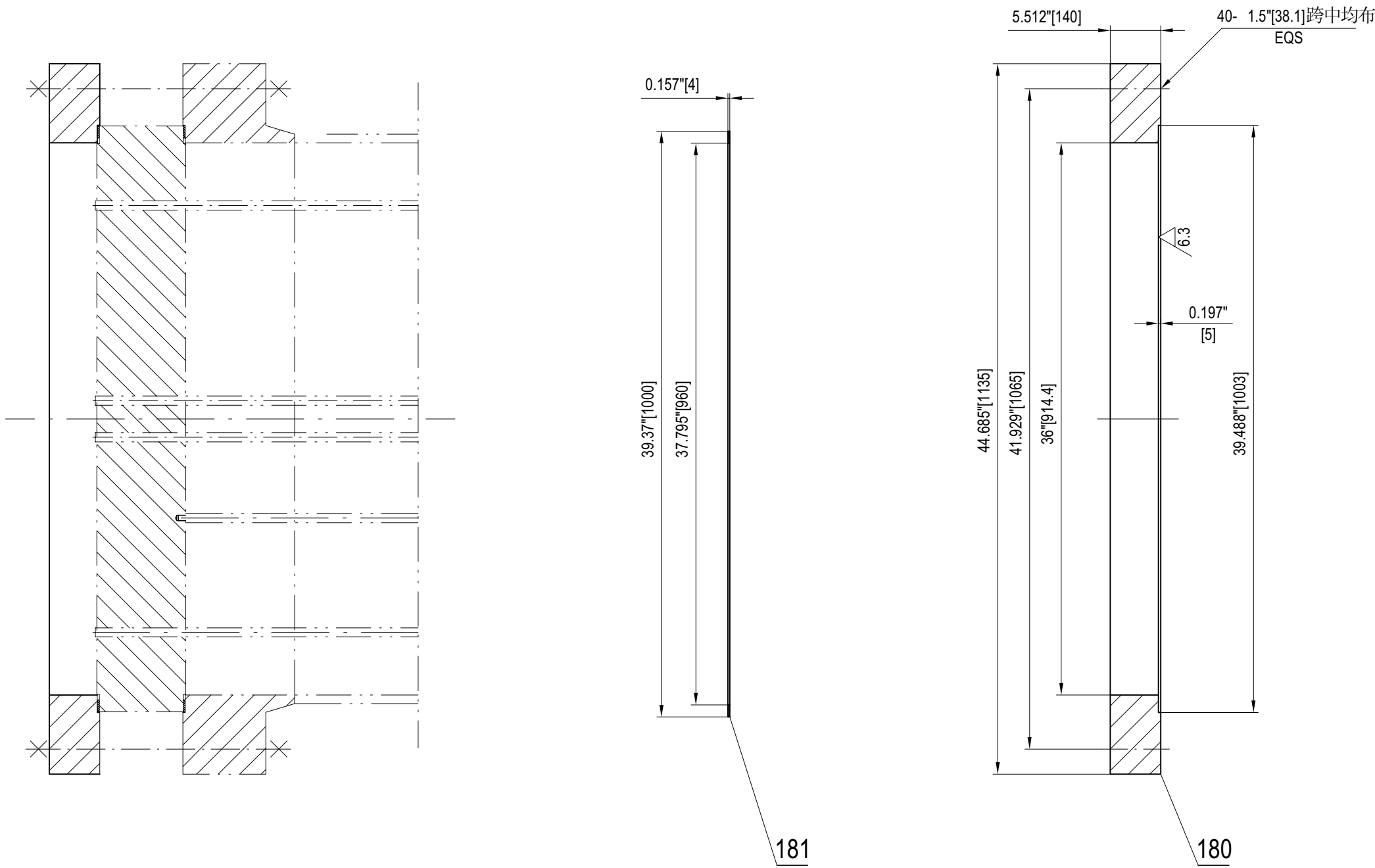


A-A

FLAMMABLE SERVICE
(SHELL & TUBE SIDE)



151		支撑筋板 t=6 INSULATION SUPPORT CLIP	12	SA-516 Gr.70N	0.1	1.2		
150		保温支撑环 10 INSULATION SUPPORT RING	1	SA-36		2.1		
件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单件 EACH 重量 WT. (kg)	总计 SUM	备注 REMARK	
								
Air Products Project Number		EN207119	Fluor Project Number		A8KM			
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ			
Purchase Order Number		4505600572	PO/Contract No		A8KM-4-403-PO-1			
Air Products Open Text document number		EN207119-WUXI-9V3-00019	Project Area		Renewable Jet Fuel Unit B			
Client		WORLD ENERGY PARAMOUNT	Client Doc No:					
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00	供批准/ISSUED FOR APPROVAL	Zhiwei Lei	Shengfang Zhao	Kevin Yang	13-Jun-22			
版次 REV.	版次说明/DESCRIPTION		设计/PREPARED	审核/REVIEWED	批准/APPROVED	日期/DATE		
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 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.			设计项目 DESIGN ITEM 设计阶段 DESIGN PHASE 设备位号 ITEM NO. 图 号 DWG. NO.					World Energy Renewables Project 详细设计 Detail Design 18-X-353 WXCE6708-06
设 计 PREPARED			Jet Side-Cut Stripper Reboiler INSULATION SUPPORT DETAIL DRAWING					
审 核 REVIEWED								
批 准 APPROVED			比 例: SCALE	1:10	版 次: REV.	02	第 1 页 共 1 页 PAGE 1 OF 1	



FLAMMABLE SERVICE
(SHELL & TUBE SIDE)

181		垫片 GASKET	1	PTFE	/	
180		试压环 TEST RING	1	SA-266 Gr.2N	380	
件号 PART NO.	图号或标准号 DWG. OR STD. NO.	名 称 DESCRIPTION	数量 QTY.	材 料 MATERIAL	单件 EACH 重量 WT. (kg)	总计 SUM REMARK
AIR PRODUCTS			FLUOR			
Air Products Project Number		EN207119	Fluor Project Number		A8KM	
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ	
Purchase Order Number		4505600572	PO/Contract No		A8KM-4-403-PO-1	
Air Products Open Text document number		EN207119-WUXI-9V3-00019	Project Area		Renewable Jet Fuel Unit B	
Client		WORLD ENERGY PARAMOUNT	Client Doc No:			
01	供批准/ ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	19-Oct-22
00	供批准/ ISSUED FOR APPROVAL		Zhiwei Lei	Shengfang Zhao	Kevin Yang	09-Aug-22
版次 REV.	版次说明/DESCRIPTION		设计/PREPARED	审核/REVIEWED	批准/APPROVED	日期/DATE
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WCE 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.					设计项目 DESIGN ITEM	World Energy Renewables Project
					设计阶段 DESIGN PHASE	详细设计 Detail Design
设 计 PREPARED			Jet Side-Cut Stripper Reboiler TEST RING DETAIL DRAWING		设备位号 ITEM NO.	18-X-353
审 核 REVIEWED					图 号 DWG. NO.	WXCE6708-08
批 准 APPROVED			比例: SCALE	1:10	版次: REV.	01
			第 1 页 共 1 页 PAGE 1 OF 1			