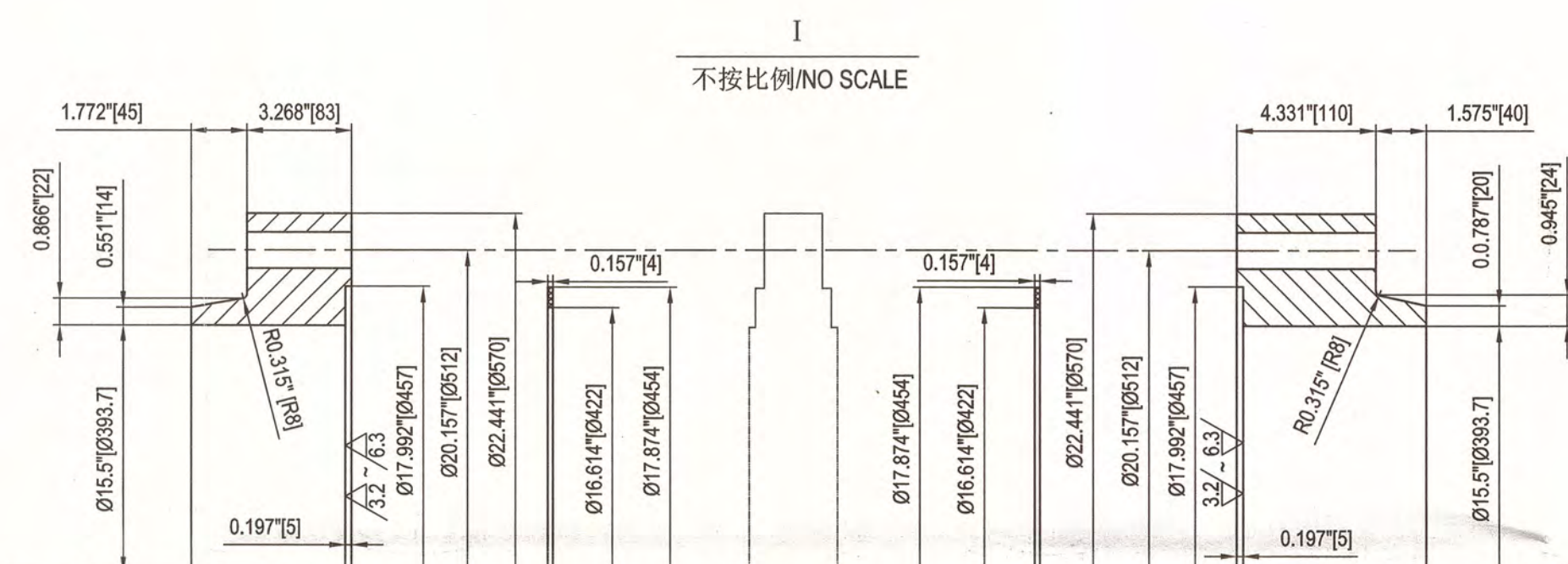
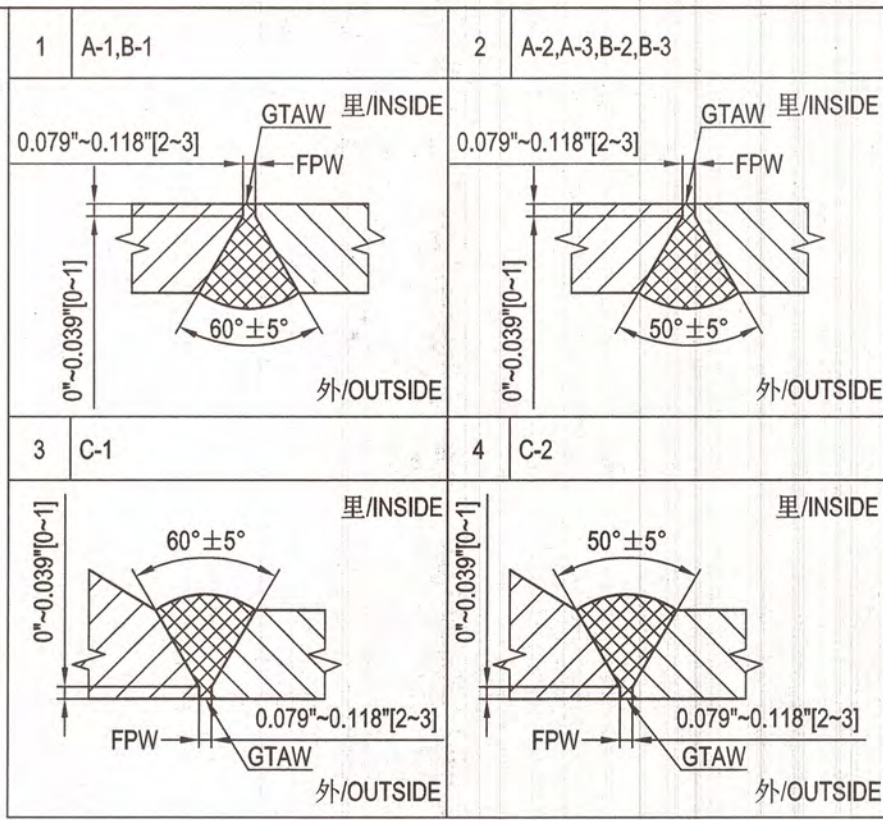
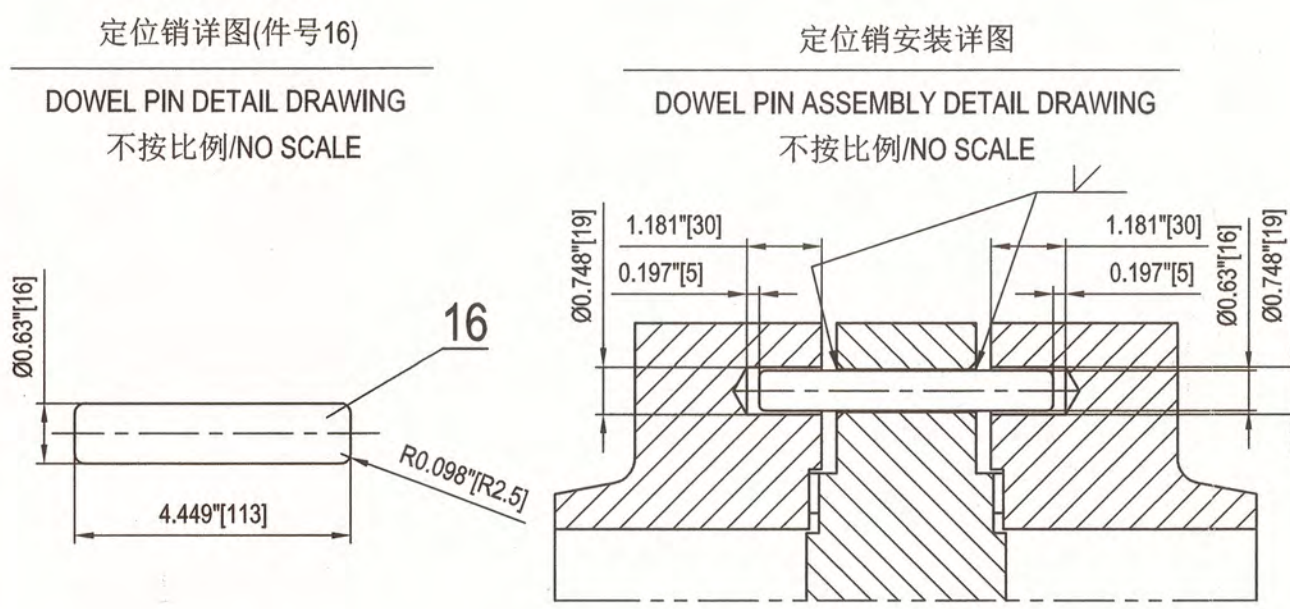
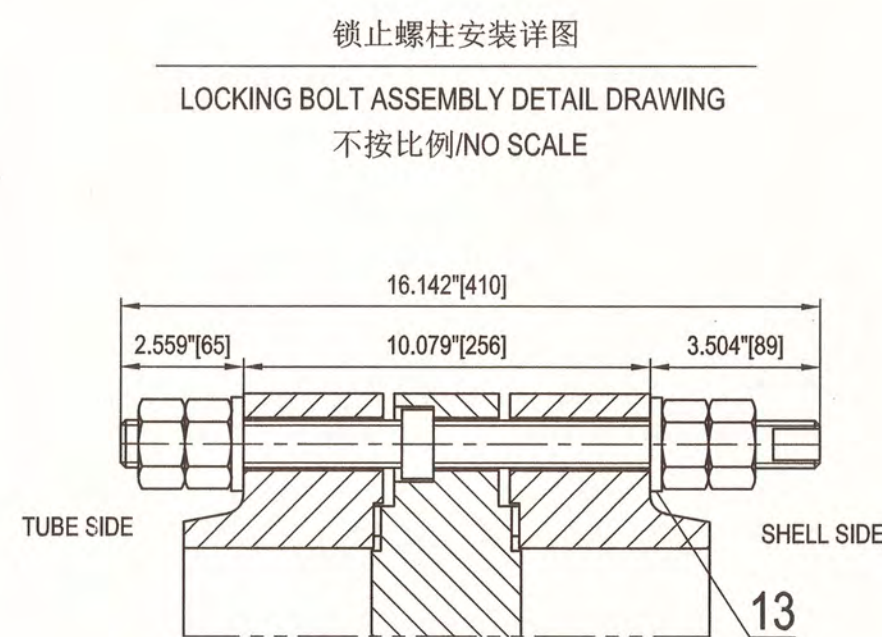
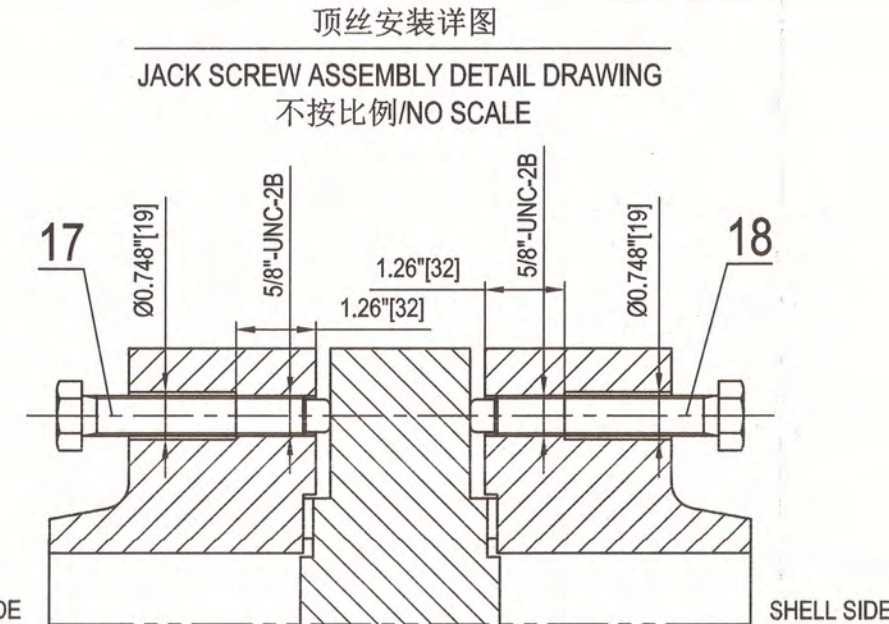
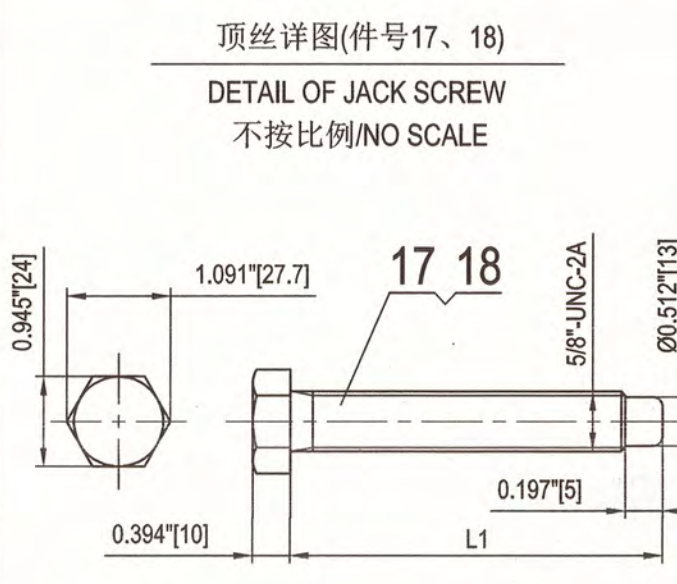
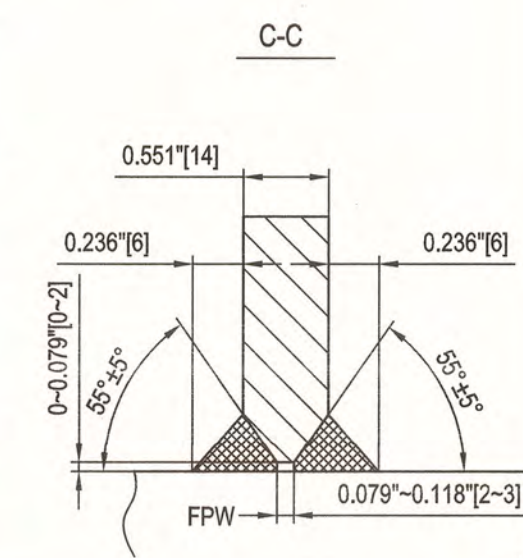
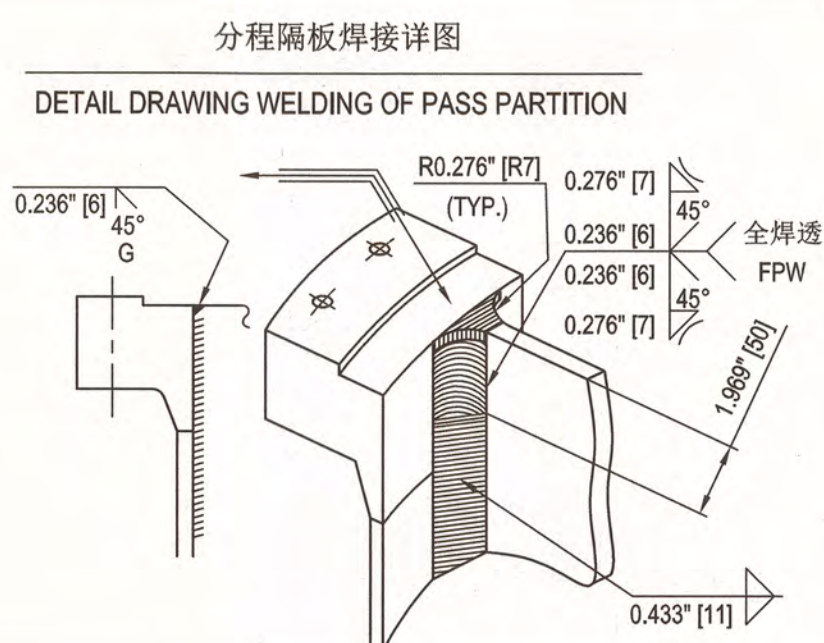
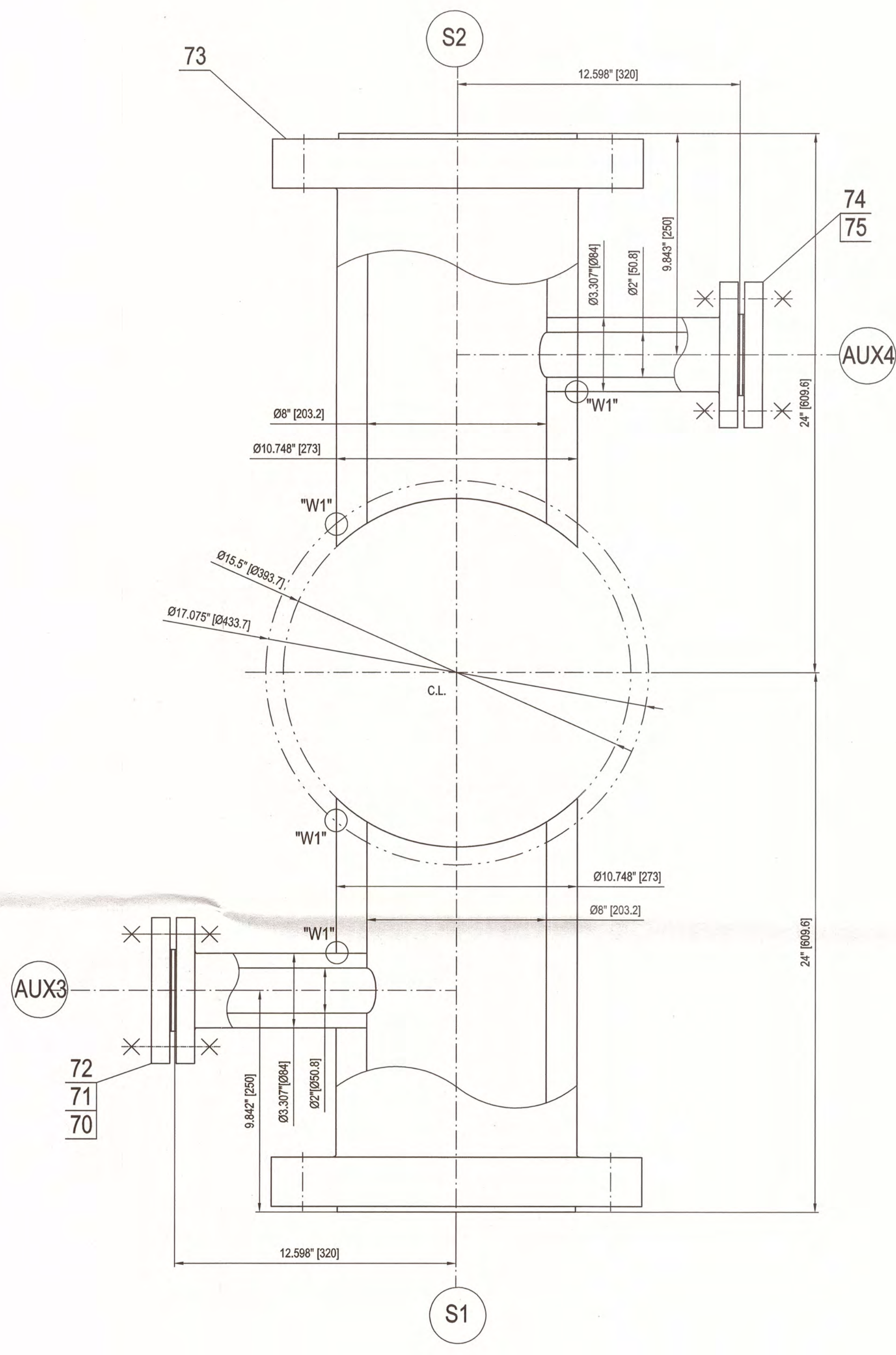
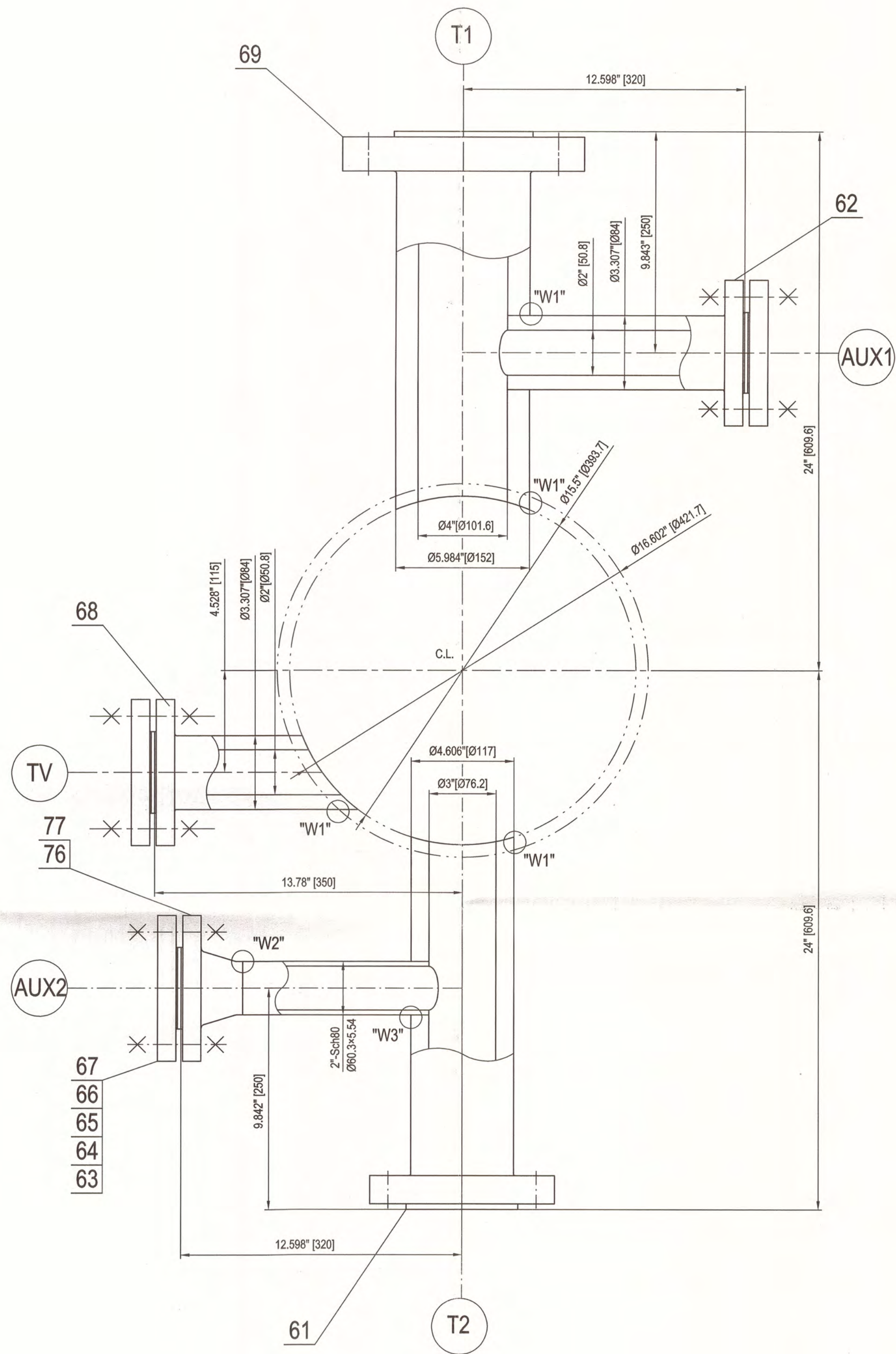




20		管箱吊耳 II=14 CHANNEL LIFTING LUG	1	SA-516 Gr.70N		0.5	
19		垫板 I=12 WEAR PLATE	1	SA-516 Gr.70 N		2.0	
18		顶丝 II L1=130 JACK BOLT II	4	SS.304	/	/	
17		顶丝 I L1=100 JACK BOLT I	4	SS.304	/	/	
16		定位销 Ø16 L=113 DOWEL PIN	2	SS.304	/	/	
15		螺纹肩 THREAD COLLAR	6+2	SA-194 2H	0.1	0.8	
14		锁止螺栓 LOCKING BOLT	6+2	SA-193 B7	1.4	11.2	
13	ASME PPC-1-2019 APPENDIX M	垫圈 1" WASHER	48+8	TYPE 4	/	/	
12	ASME B18.2.1-2022	重型六角螺母 1"-8UN-2B HEAVY HEX HEAVY NUTS	96+16	SA-194 2H	0.2	21.2	
11	ASME B18.2.1-2012 (R2021)	全螺纹螺栓 1"-8UN-2A L=380 FULL THREADED STUD BOLT	18+2	SA-193 B7	1.2	24	
10		Z:1椭圆封头 I.D.393.7×20(17) Z:1ELLIPTICAL HAD	1	SA-240 316L		39.5	S.F.=50
9		筒体 ID393.7×20 L=3742.5 SHELL	1	SA-240 316L		771	
8		壳体法兰 SHELL FLANGE	1	SA-182 F316L		126	
7		壳程法兰垫片 SHELL FLANGE GASKET	1+2	SEE NOTE 1,2	/	/	
6		管箱法兰垫片 CHANNEL FLANGE GASEKT	1+2	SEE NOTE 1,2	/	/	
5		管箱法兰 CHANNEL FLANGE	1	SA-266 Gr.2N		94	
4		管箱吊耳 I=14 CHANNEL LIFTING LUG	1	SA-516 Gr.70N		1.2	
3		管箱短节ID393.7×14 L=338.6 CHANNEL SHELL	1	SA-516 Gr.70 N		47.7	
2		分程隔板I=14 PASS PARTITION	1	SA-516 Gr.70 N		24.9	
1		Z:1椭圆封头 I.D.393.7×12(10) Z:1ELLIPTICAL HAD.	1	SA-516 Gr.70 N		20.8	S.F.=36





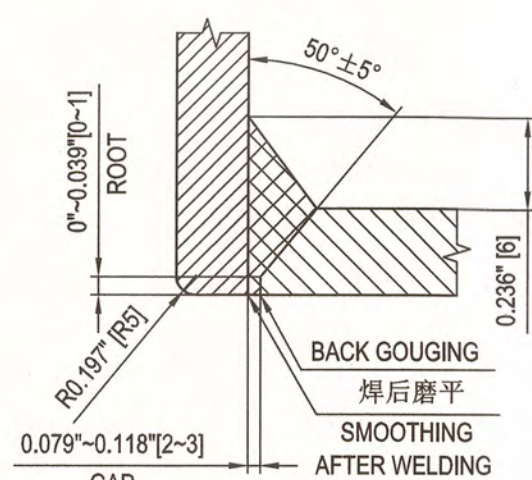
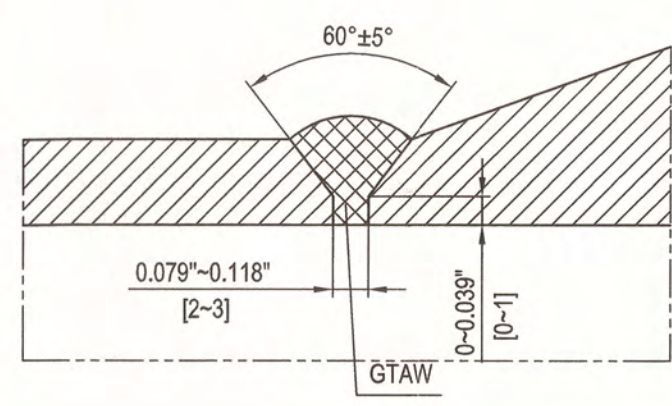
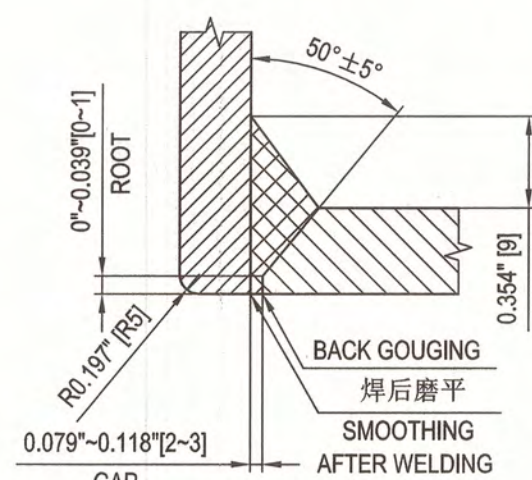


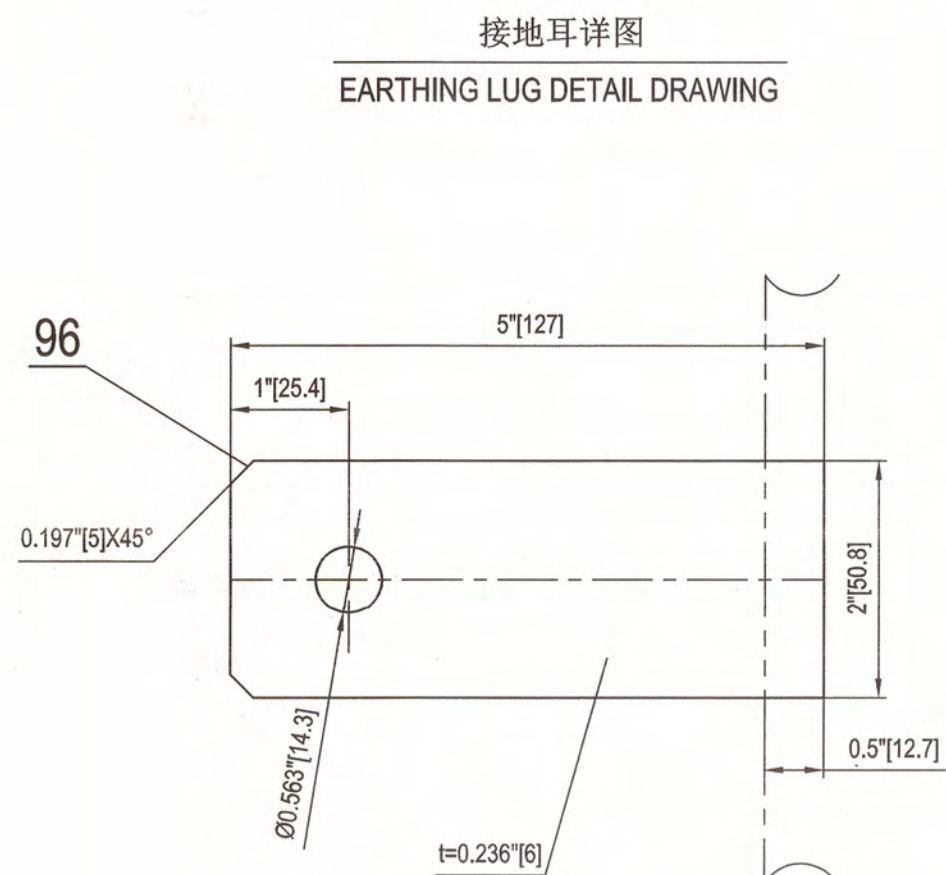
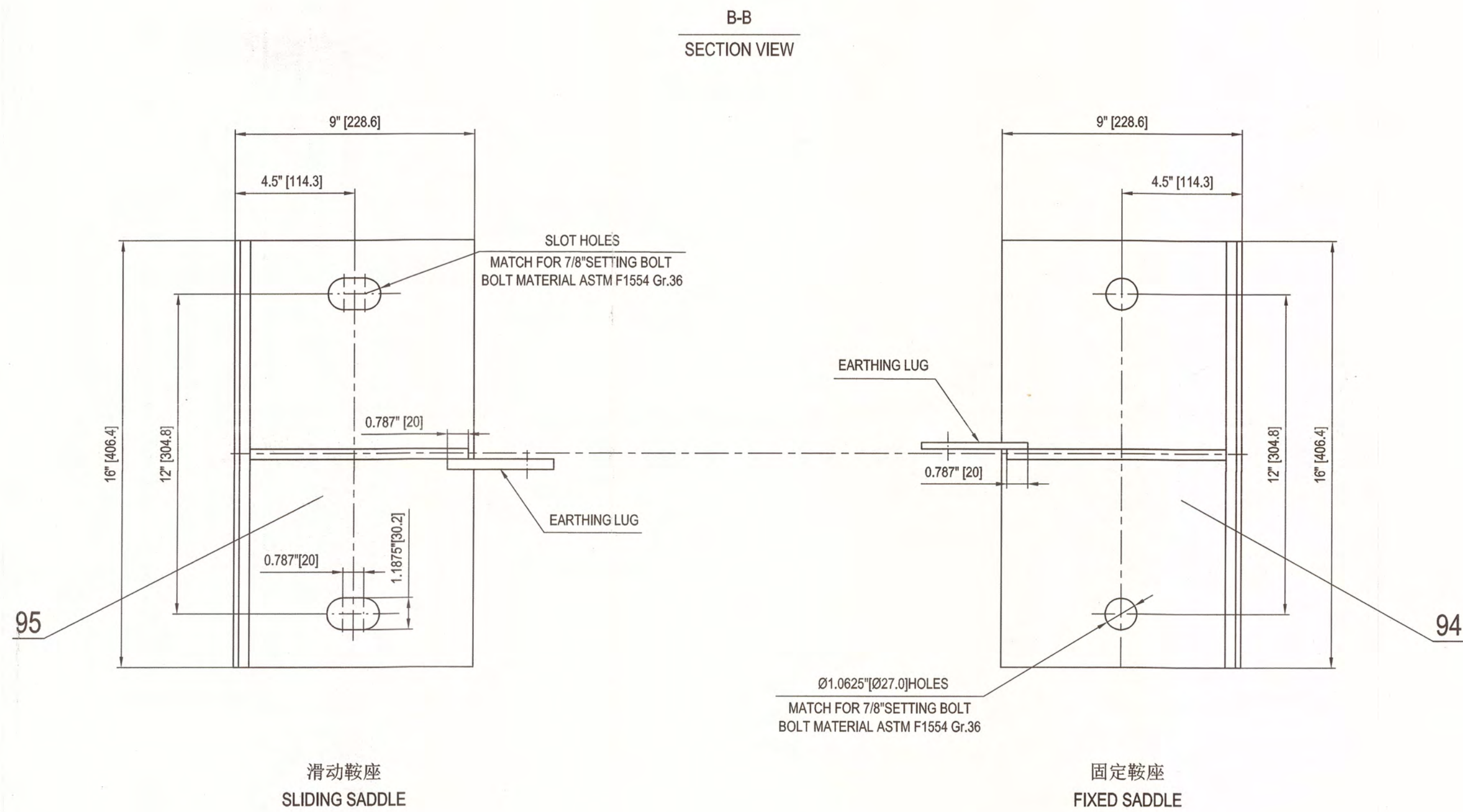
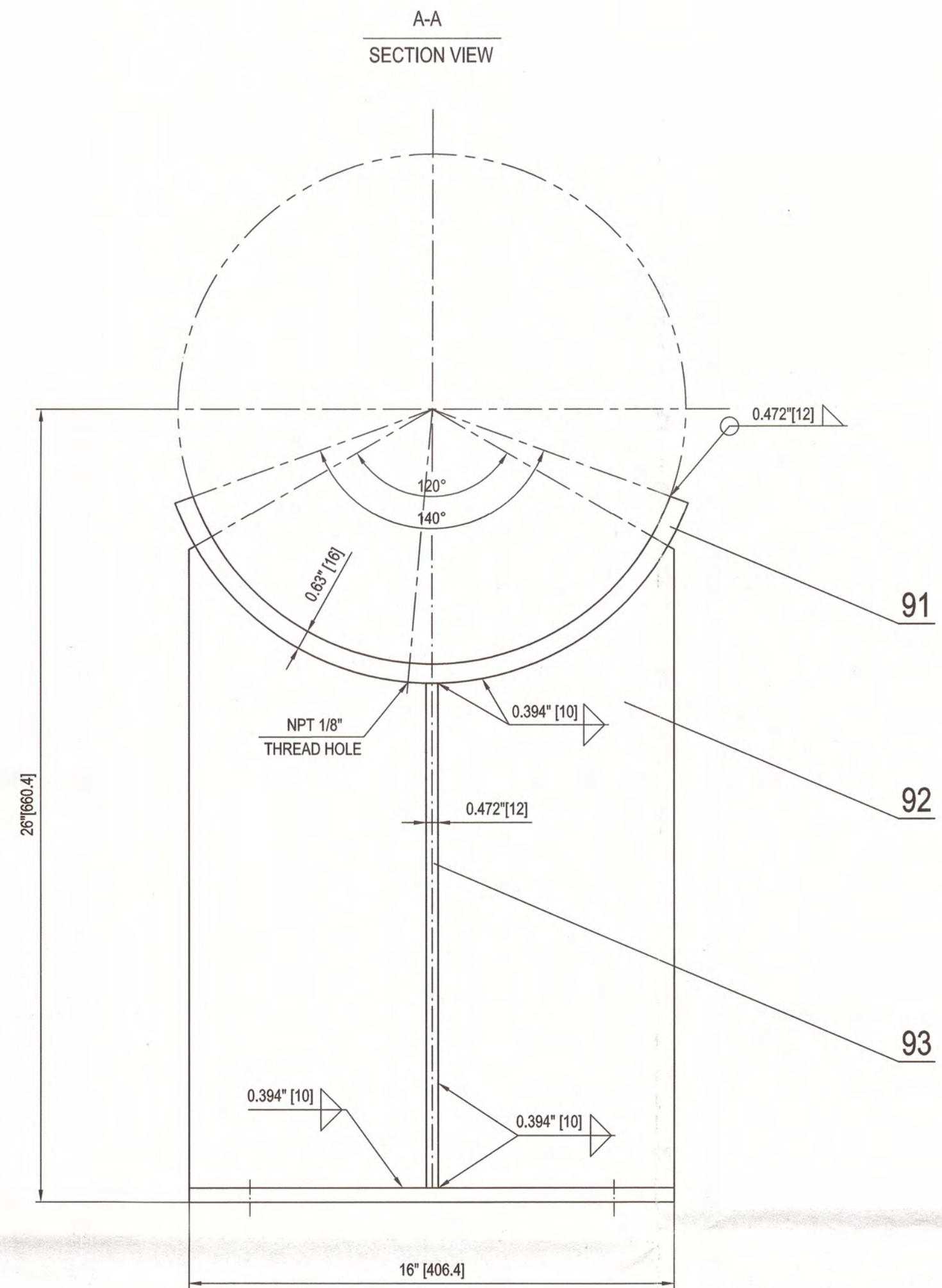
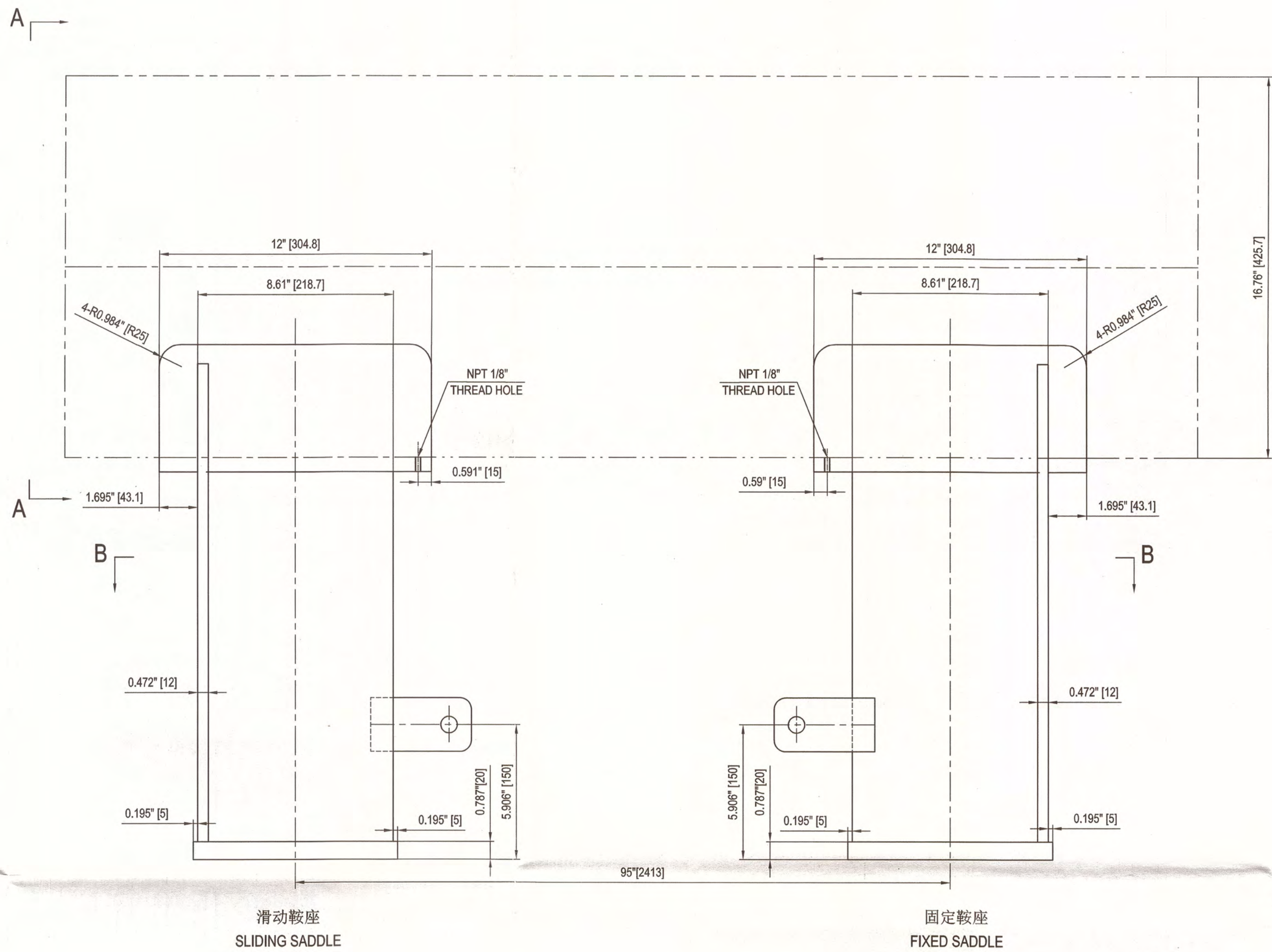
As Built

77		接管 Ø60.3×5.54 PIPE	1	SA-106 Gr.B		1.7	AUX2
76	ASME B16.5-2017	法兰 WN 2\"-300# RF Sch80 FLANGE	1	SA-105N		3.6	AUX2
75	ASME B18.2.2-2022	重型六角螺母 5/8\"-11UNC-2B HEAVY HEX HEAVY NUTS	64+8	SA-194 Gr.8	0.2	14.2	AUX3-AUX4
74	ASME B18.2.1-2012 (R2021)	全螺纹螺栓 5/8\"-11UNC-2A L=150 FULL THREADED STUD BOLT	16+2	SA-193 B8	1.2	21.6	AUX3-AUX4
73	ASME B16.5-2017	法兰 LWN 8\"-600# RF B=203.2 FLANGE	2	SA-182 F316L		93.8	S1,S2
72	ASME PPC-1-2019 APPENDIX M	垫圈 5/8\" WASHER	32+4	TYPE 6	/	/	AUX3-AUX4
71	ASME B16.5-2017	法兰盖 BL 2\"-300# RF BLIND FLANGE	2	SA-182F316L	3.6	7.2	AUX3-AUX4
70	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	2	SA-182F316L	8.4	16.8	AUX3-AUX4
69	ASME B16.5-2017	法兰 LWN 4\"-600# RF B=101.6 FLANGE	1	SA-105N		29.6	T1
68	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	1	SA-105N		8.4	TV
67	ASME PPC-1-2019 APPENDIX M	垫圈 5/8\" WASHER	48+6	TYPE 4	/	/	AUX1-AUX2,TV
66	ASME B18.2.2-2022	重型六角螺母 5/8\"-11UNC-2B HEAVY HEX HEAVY NUTS	96+12	SA-194 2H	0.2	21.2	AUX1-AUX2,TV
65	ASME B18.2.1-2012 (R2021)	全螺纹螺栓 5/8\"-11UNC-2A L=150 FULL THREADED STUD BOLT	24+3	SA-193 B7	1.2	32.4	AUX1-AUX2,TV
64	ASME B16.5-2017	法兰盖 BL 2\"-300# RF BLIND FLANGE	3	SA-105N	3.6	10.8	AUX1-AUX2,TV
63	ASME B16.20-2017	缠绕垫 2\"-300# RF SPIRAL WOUND GASKET	5+10	见注1 SEE NOTE1	/	/	AUX1-AUX4,TV
62	ASME B16.5-2017	法兰 LWN 2\"-300# RF B=50.8 FLANGE	1	SA-105N		8.4	AUX1
61	ASME B16.5-2017	法兰 LWN 3\"-600# RF B=76.2 FLANGE	1	SA-105N		16.4	T2
件号 PART NO.	图号或标准号 DWG.NO.OR STD.NO.	名称 DESIGNATION	数量 QTY.	材料 MATERIAL	单重 (kg) WEIGHT	备注 REMARKS	

AIR PRODUCTS			FLUOR			
Air Products Project Number		EN207123	Fluor Project Number		A8KM	
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ	
Purchase Order Number		4505600575	PO/Contract No		A8KM-4-403-PO-6	
Air Products Open Text document number		EN207123-WUXI-9V3-00153	Project Area		Utilities	
Client		WORLD ENERGY PARAMOUNT	Client Doc No:			
04	竣工图/AS BUILT		Hui Zhang	Shengfang Zhao	Kevin Yang	09-Mar-23
03	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	15-Sep-22
02	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	15-Aug-22
01	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	09-Jun-22
00	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	12-Apr-22
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			设计阶段 DESIGN PHASE		详细设计 Detail Design	
设计 PREPARED	张华	2023.3.9	T-150002 Redirculating Exchanger		设备位号 ITEM NO.	18-X-1802
审核 REVIEWED	张华	2023.3.9	NOZZLE DETAIL DRAWING		图号 DWG. NO.	WXCE6716-03
批准 APPROVED	张华	2023.6.9	比例 SCALE	1:4	版次 REV.	04
					第 1 页 共 1 页 PAGE 1 OF 1	

注/Note:
1. 缠绕垫材料: 金属带为SS316L; 填充带为柔性石墨; 外环为SS316L; 内环为SS316L.
SPIRAL WOUND GRAPHITE FILLER SS316L WINDINGS, WITH SS316L INNER RING AND SS316L CENTRING RING.

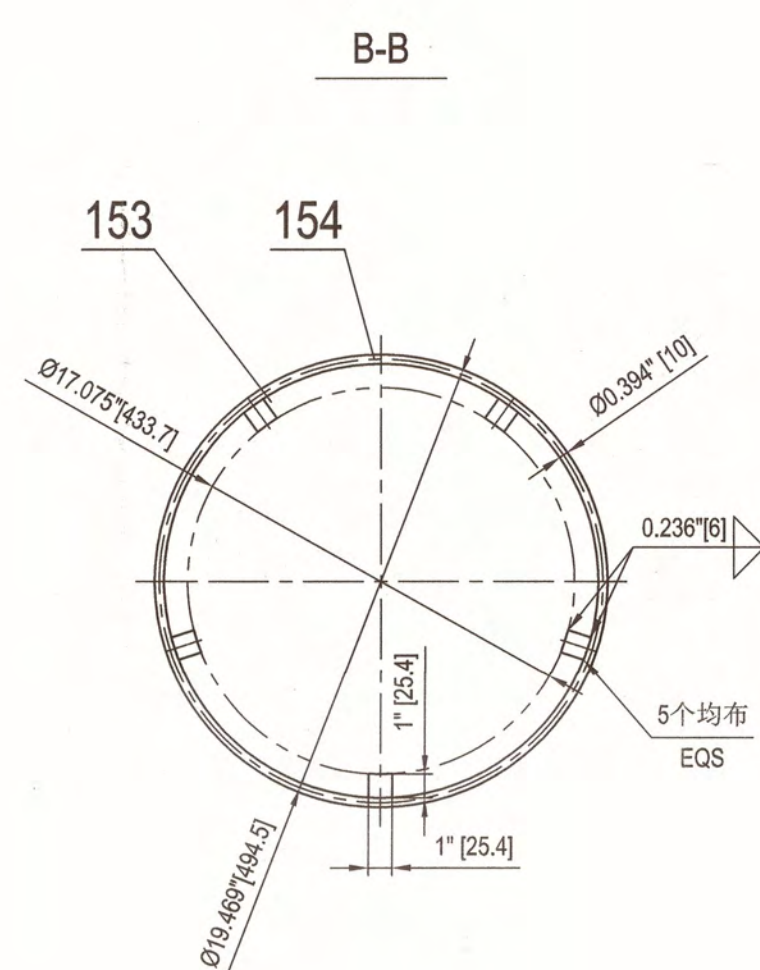
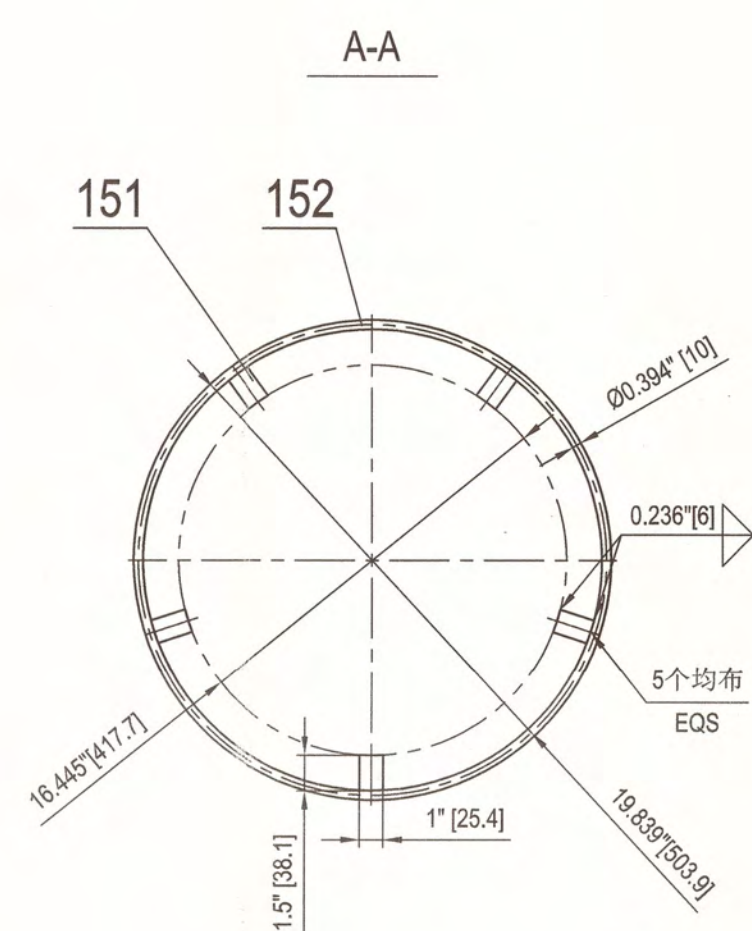




As Built

96	接地耳 t=6 EARTHING LUG	2	SS.304	0.3	0.6	
95	底板 t=20 BASE PLATE	1	SA-516 Gr.70N		14.5	
94	底板 t=20 BASE PLATE	1	SA-516 Gr.70N		14.5	
93	筋板 t=12 RIB RLATE	2	SA-516 Gr.70N	9.1	18.2	
92	腹板 t=12 WEB PLATE	2	SA-516 Gr.70N	14.7	29	
91	垫板 t=16 WEAR PLATE	2	SA-240 316L	21.6	43.2	
件号 PART NO.	图号或标准号 DWG.NO.OR STD.NO.	名称 DESIGNATION	数量 QTY.	材料 MATERIAL	单重 EACH WEIGHT	总重 TOTAL WEIGHT

AIR PRODUCTS			FLUOR		
Air Products Project Number			Fluor Project Number		
Project Name			RFQ No.		
Purchase Order Number			PO/Contract No.		
Air Products Open Text document number			Project Area		
Client			Client Doc No:		
04	竣工图/ AS BUILT	Hui Zhang	Shengfang Zhao	Kevin Yang	09-Mar-23
03	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	15-Sep-22
02	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	15-Aug-22
01	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	09-Jun-22
00	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	12-Apr-22
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设计阶段 DESIGN PHASE 详细设计 Detail Design			设备位号 ITEM NO. 18-X-1802		
图号 DWG. NO. WXCE6716-04			第 1 页 共 1 页 PAGE 1 OF 1		
设计 PREPARED	张丹	2023.3.9	T-150002 Recirculating Exchanger		
审核 REVIEWED	张丹	2023.3.9	SADDLE DETAIL DRAWING		
批准 APPROVED	张丹	2023.3.9	比例: SCALE	1:4	版次: REV.

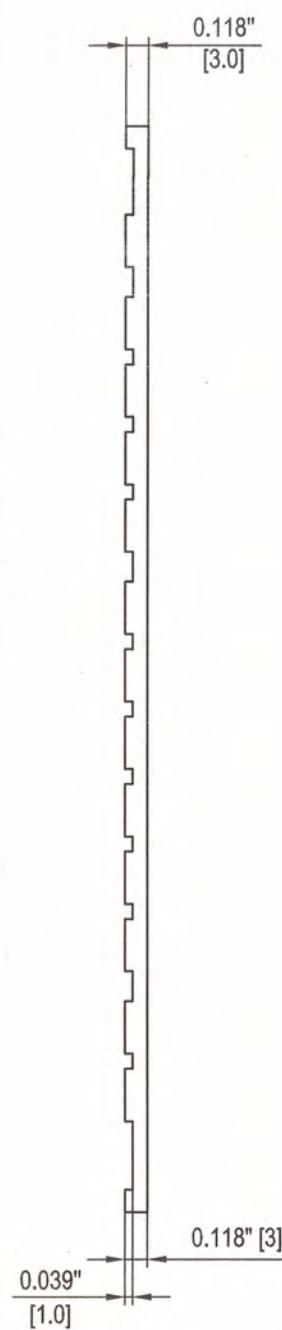
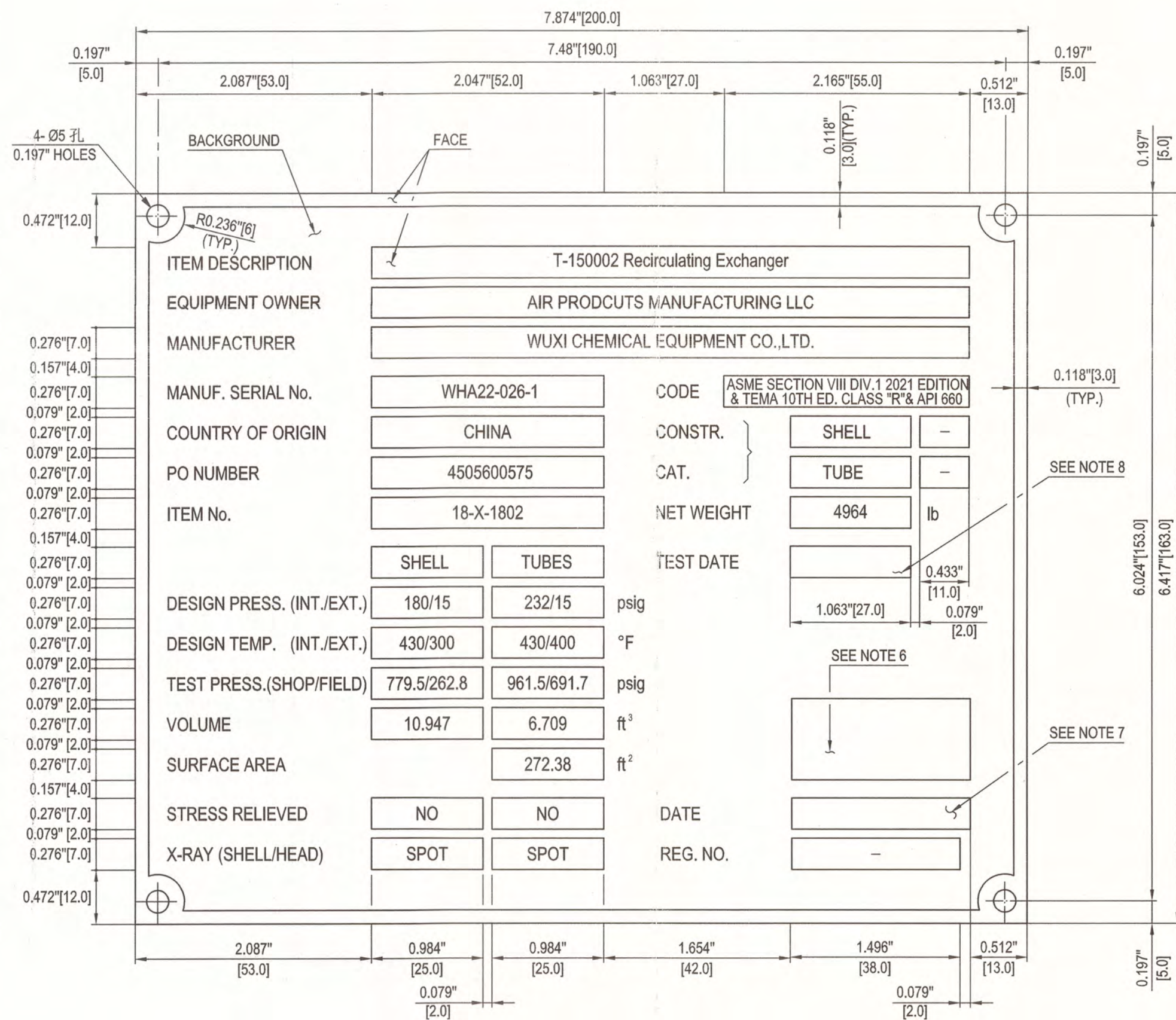


As Built

154	保温支撑环 Ø10 INSULATION SUPPORT RING	1	SA-479 316L		0.9	
153	支撑筋板 t=6 INSULATION SUPPORT CLIP	5	SA-240 316L	0.05	0.25	
152	保温支撑环 Ø10 INSULATION SUPPORT RING	1	SA-36		1	
151	支撑筋板 t=6 INSULATION SUPPORT CLIP	5	SA-516 Gr. 70N	0.03	0.15	
件号 PART NO.	图号或标准号 DWG.NO.OR STD.NO.	名称 DESIGNATION	数量 QTY.	材料 MATERIAL	单重 EACH WEIGHT	备注 REMARKS

AIR PRODUCTS			FLUOR		
Air Products Project Number		EN207123	Fluor Project Number		A8KM
Project Name		World Energy Renewables Project	RFQ No.		A8KM-4-403-RQ
Purchase Order Number		4505800575	PO/Contract No.		A8KM-4-403-PO-6
Air Products Open Text document number		EN207123-WUXI-9V3-00153	Project Area		Utilities
Client		WORLD ENERGY PARAMOUNT	Client Doc No:		
03	竣工图/ AS BUILT	Hui Zhang	Shengfang Zhao	Kevin Yang	09-Mar-23
02	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	15-Sep-22
01	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	15-Aug-22
00	供批准/ ISSUED FOR APPROVAL	Hui Zhang	Shengfang Zhao	Kevin Yang	09-Jun-22
版次 REV		版次说明/DESCRIPTION	设计/PPREPARED	审核/REVIEWED	批准/APPROVED
日期/DATE					
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		WUXI CHEMICAL EQUIPMENT CO., LTD.		World Energy Renewables Project	
				设计阶段	
				详细设计	
				Design Detail	
				设计阶段	
				设计阶段	
				设备位号	
				ITEM NO.	
				18-X-1802	
				图号	
				DWG. NO.	
				WXCE6716-06	
设计		张升	2023.3.9	T-150002 Recirculating Exchanger	
PREPARED					
审核		张升	2023.3.9	INSULATION SUPPORT DETAIL DRAWING	
REVIEWED					
批准		张升	2023.3.9	比例: SCALE	
APPROVED				1:8	
				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, 背影凸起, 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。

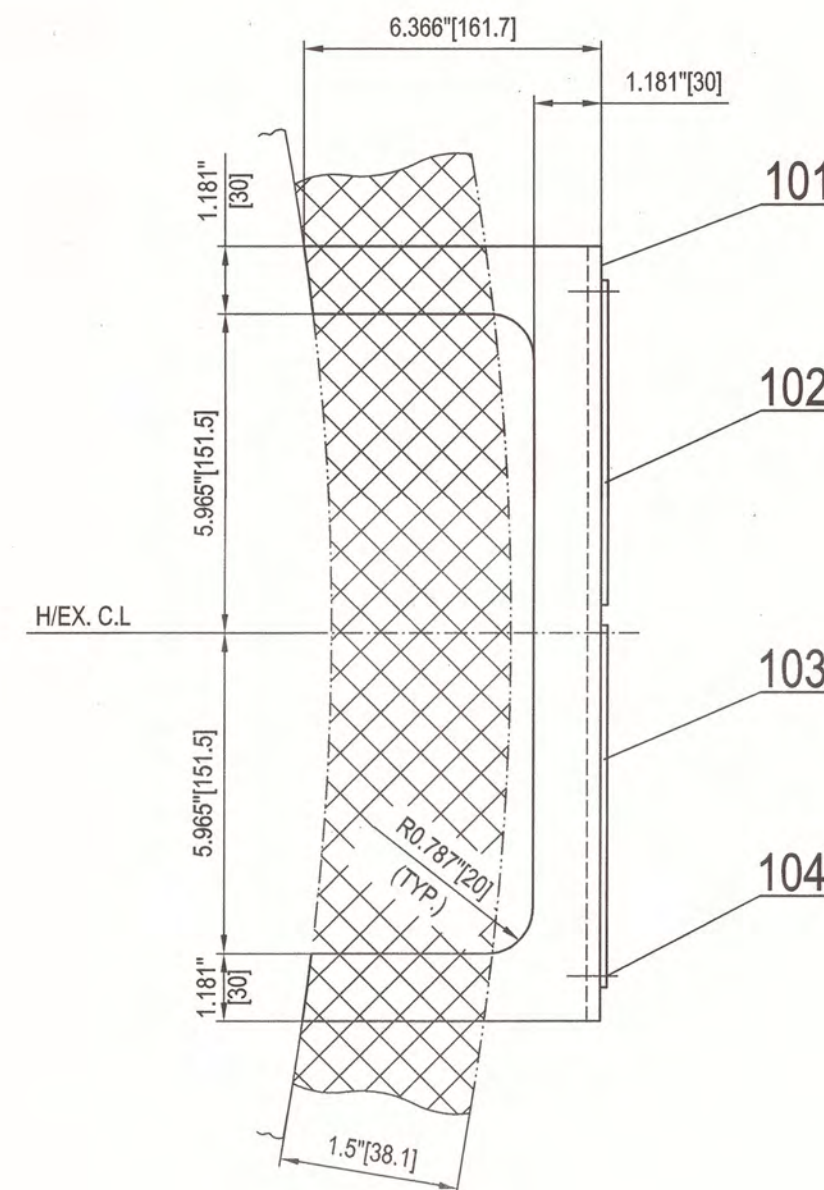
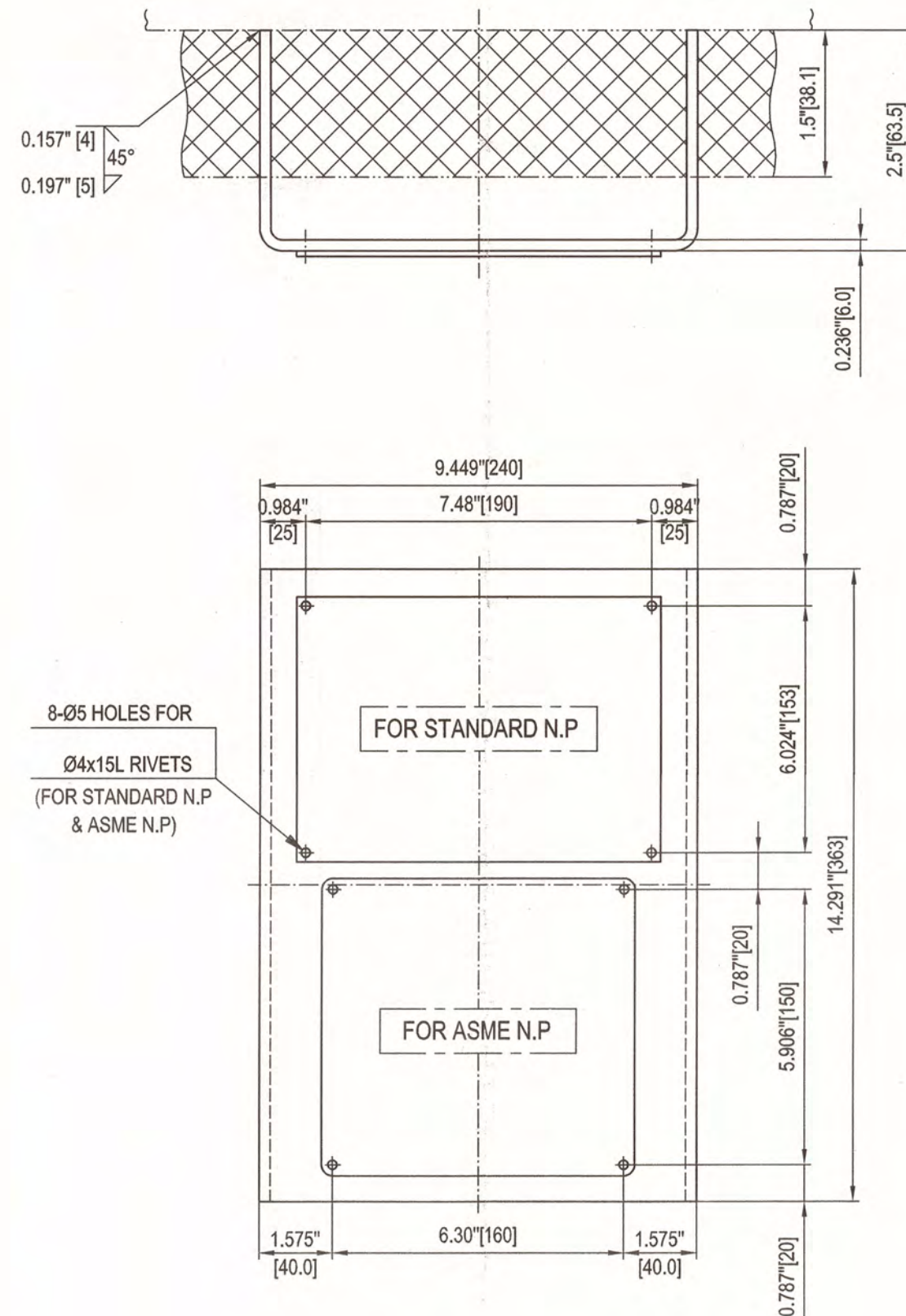
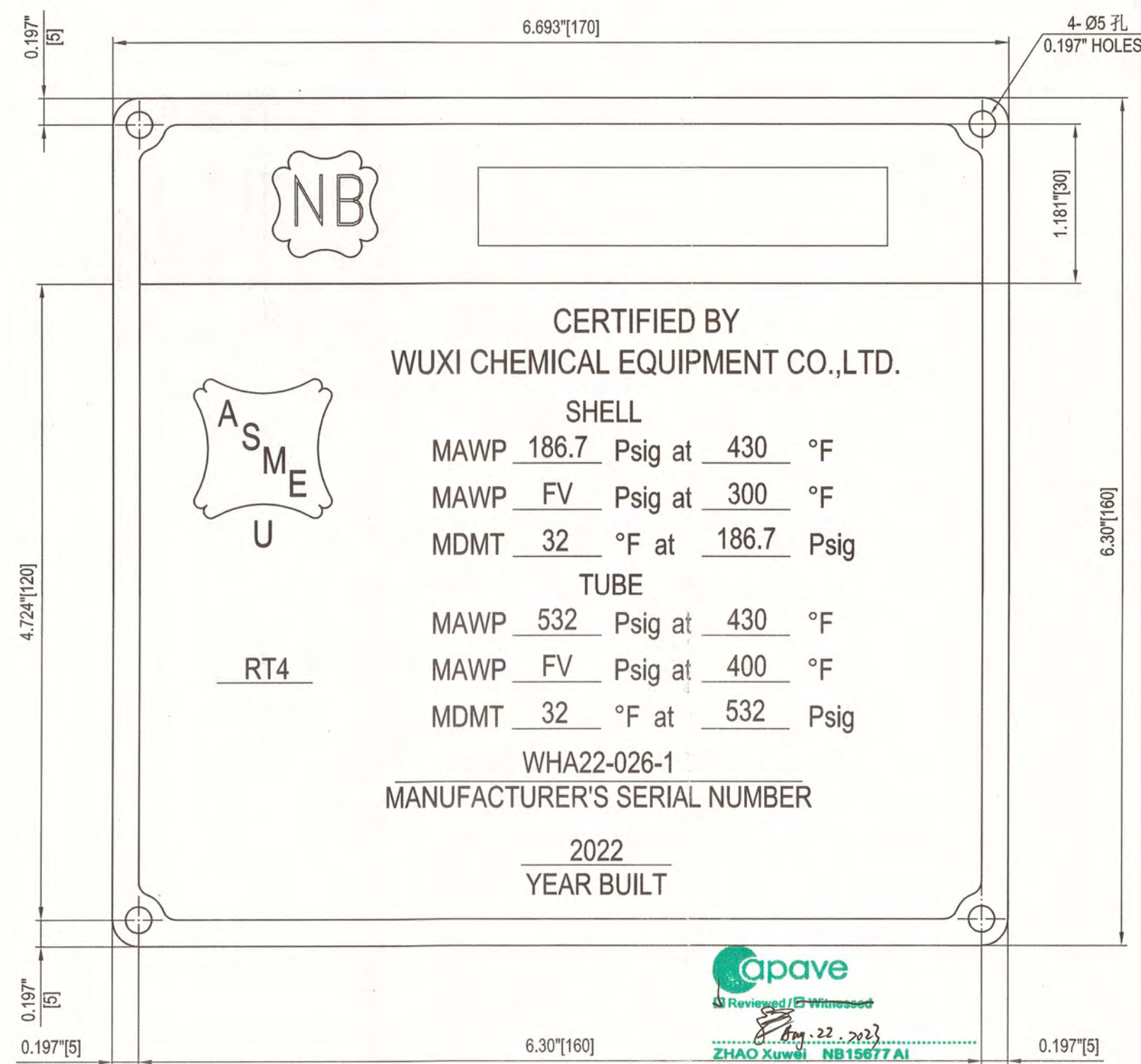
- *1: NB *2: S_{ME}
- 批准钢印空间。
 - 批准日期。(示例: 2019年3月1日)
 - 试验日期指压力试验日期。
 - REG. NO.: 注册号。
 - ASME铭牌上的字母和数字的高度不低于0.157" (4毫米)。

- 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 KNURLED 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 AI

- *1: NB *2: S_{ME}

- 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



As Built

Engineer in Responsible Charge
Sign: [Signature] Date: 2023.3.9
(Name)

104		铆钉 Ø4X14 RIVET	8	SS304	/	/	
103		ASME铭牌 t=3 ASME NAMEPLATE	1	SS.304		0.5	
102		标准铭牌 t=3 STANDARD NAMEPLATE	1	SS.304		0.8	
101		支架 t=6 BRACKET	1	SA-240 316L		4.2	
件号 PART NO.	图号或标准号 DWG.NO.OR STD.NO.	名称 DESIGNATION	数量 QTY.	材料 MATERIAL	单重 WEIGHT (kg)	总重 TOTAL WEIGHT (kg)	备注 REMARKS

AIR PRODUCTS			FLUOR				
Air Products Project Number			Fluor Project Number		ASKM		
Project Name			RFQ No.		ASKM-4-403-RQ		
Purchase Order Number			PO/Contract No		ASKM-4-403-PO-6		
Air Products Open Text document number			Project Area		Utilities		
Client			Client Doc No:				
04	竣工图/AS BUILT		Hui Zhang	Shengfang Zhao	Kevin Yang	09-Mar-23	
03	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	15-Sep-22	
02	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	15-Aug-22	
01	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	09-Jun-22	
00	供批准/ISSUED FOR APPROVAL		Hui Zhang	Shengfang Zhao	Kevin Yang	12-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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			设计阶段 DESIGN PHASE 详细设计 Detail Design			
设计 PREPARED	张开	2023.3.9	T-150002 Recirculating Exchanger NAMEPLATE DETAIL DRAWING		设备位号 ITEM NO.	18-X-1802
审核 REVIEWED	张开	2023.3.9			图号 DWG. NO.	WXCE6716-05
批准 APPROVED	张开	2023.2.9	比例 SCALE	1:1	版次 REV.	04
					第 1 页 共 1 页 PAGE 1 OF 1	