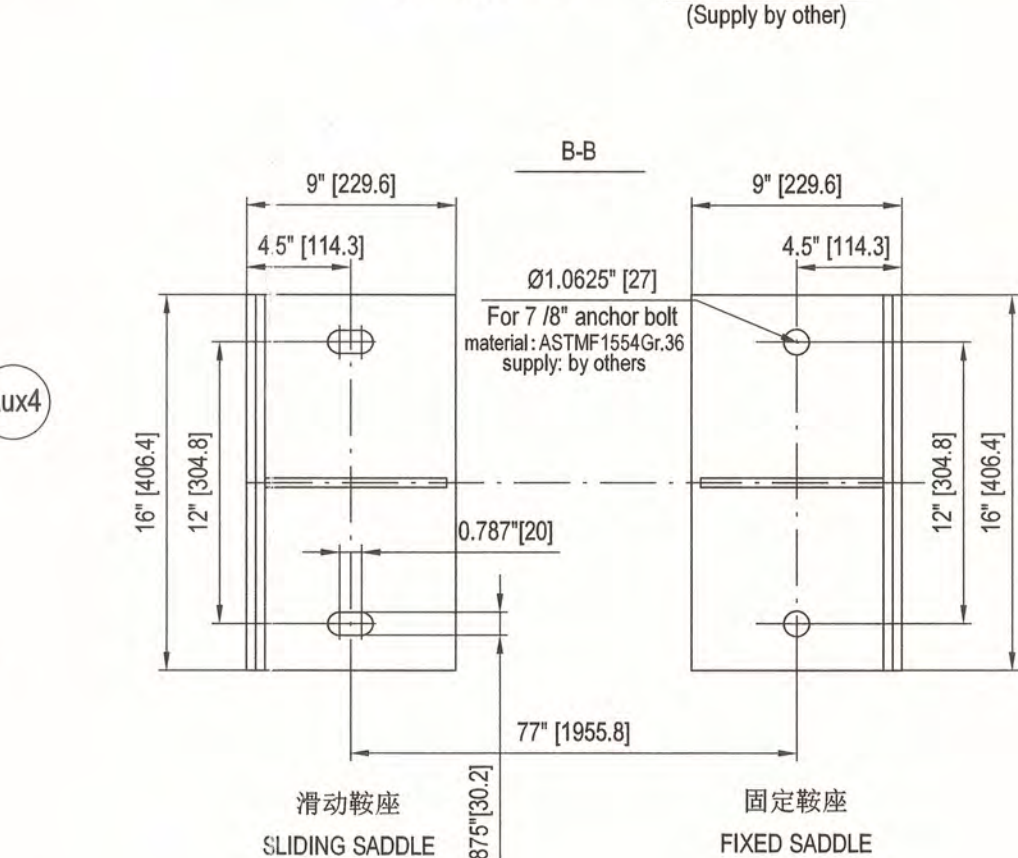
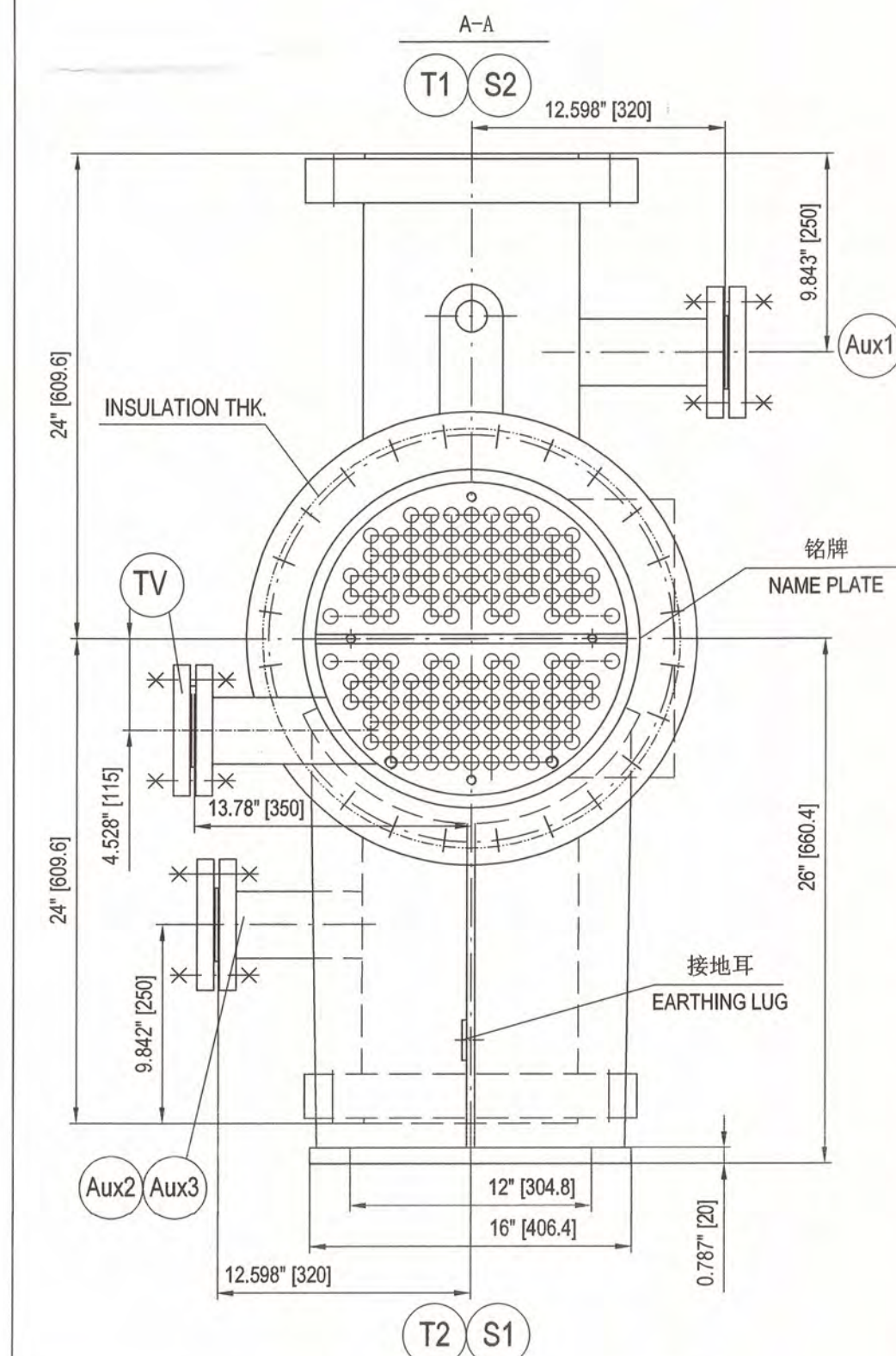
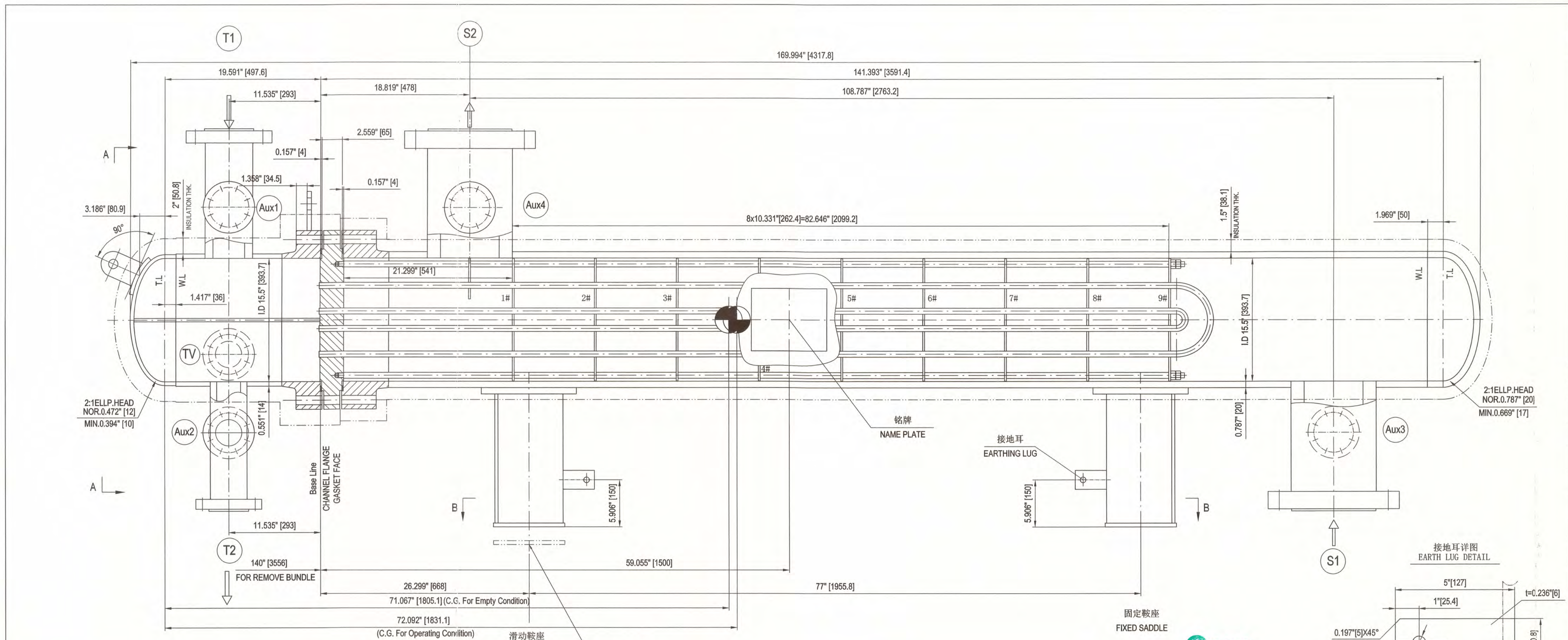




PROJECT SPECIFICATION		
NO.	DOC. NO.	DESCRIPTIONS
1	ABKM-PP-000-200001-A	Plant Site Data Sheet
2	ABKM-PP-000-400002-A	Structural Data for Mechanical Equipment General
3	ABKM-PP-000-500005-A	Design of Lifting Component for Mechanical Equipment
4	ABKM-PP-000-500510-A	Hot Insulation
5	ABKM-PP-000-500520-A	Painting
6	ABKM-PP-000-500512-A	Positive Material Identification - PMI
7	ABKM-PP-000-500530-A	Materials and Fabrication Requirements for Duplex Stainless Steel
8	ABKM-PP-000-500550-A	Welding-NDE Requirements for Equipment
9	ABKM-PP-000-500720-A	Shell and Tube Heat Exchangers
10	DELETE	
11	SPEC-MED-DOC001	Design Basis for Mechanical Equipment
12	4WHP470210	Boil-Up Procedure for Flanged Connections
13	Form 8232	Flanged Joint Assembly Record and Tightening Sequence
14	SPEC-ENG-DOC001	Supplier-Designed, Shop-Fabricated Pressure Equipment
15	SPEC-ENG-DOC002	Shell & Tube Heat Exchanger
16	SPEC-ENG-MQ257	Mechanical Equipment Gaskets
17	4WGN-10001	Shipment and Packing Specification for Equipment and Materials being Exported Directly by Vendors
18	4WEC-1051	Welding of H ₂ O Plant Equipment
19	SPEC-ENG-MQ042	Material Certification and Retesting Requirements

SADDLE			TOTAL
EMPTY WEIGHT (lb)	SLIDING	FIXED	
3131.5	1521.5	4633	
OPERATING WEIGHT (lb) (CORRODED)	3589.5	1851.5	5441
OPERATING WEIGHT (lb) (UNCORRODED)	3704	1911	5615
TEST WEIGHT (FIELD) (lb)	3758	1954	5712
TEST WEIGHT (SHOP) (lb)	3697	1922	5619

NO.	DOC. NO.	DESCRIPTIONS	Rev
1	WXCE6715-03	1/1	删除
2	WXCE6715-02	1/1	保温支撑图
3	WXCE6715-01	1/1	运输及吊架图
4	WXCE6715-00	2/2	铭牌图
5	WXCE6715-00	1/1	鞍座及吊耳详图
6	WXCE6715-00	1/2	鞍座及吊耳详图
7	WXCE6715-00	1/1	鞍座及吊耳详图
8	WXCE6715-00	1/1	鞍座及吊耳详图
9	WXCE6715-00	1/1	鞍座及吊耳详图
10	WXCE6715-00	1/1	鞍座及吊耳详图
11	WXCE6715-00	1/1	鞍座及吊耳详图
12	WXCE6715-00	1/1	鞍座及吊耳详图
13	WXCE6715-00	1/1	鞍座及吊耳详图
14	WXCE6715-00	1/1	鞍座及吊耳详图
15	WXCE6715-00	1/1	鞍座及吊耳详图
16	WXCE6715-00	1/1	鞍座及吊耳详图
17	WXCE6715-00	1/1	鞍座及吊耳详图
18	WXCE6715-00	1/1	鞍座及吊耳详图
19	WXCE6715-00	1/1	鞍座及吊耳详图
20	WXCE6715-00	1/1	鞍座及吊耳详图
21	WXCE6715-00	1/1	鞍座及吊耳详图
22	WXCE6715-00	1/1	鞍座及吊耳详图
23	WXCE6715-00	1/1	鞍座及吊耳详图
24	WXCE6715-00	1/1	鞍座及吊耳详图
25	WXCE6715-00	1/1	鞍座及吊耳详图
26	WXCE6715-00	1/1	鞍座及吊耳详图
27	WXCE6715-00	1/1	鞍座及吊耳详图
28	WXCE6715-00	1/1	鞍座及吊耳详图
29	WXCE6715-00	1/1	鞍座及吊耳详图
30	WXCE6715-00	1/1	鞍座及吊耳详图
31	WXCE6715-00	1/1	鞍座及吊耳详图
32	WXCE6715-00	1/1	鞍座及吊耳详图
33	WXCE6715-00	1/1	鞍座及吊耳详图
34	WXCE6715-00	1/1	鞍座及吊耳详图
35	WXCE6715-00	1/1	鞍座及吊耳详图
36	WXCE6715-00	1/1	鞍座及吊耳详图
37	WXCE6715-00	1/1	鞍座及吊耳详图
38	WXCE6715-00	1/1	鞍座及吊耳详图
39	WXCE6715-00	1/1	鞍座及吊耳详图
40	WXCE6715-00	1/1	鞍座及吊耳详图
41	WXCE6715-00	1/1	鞍座及吊耳详图
42	WXCE6715-00	1/1	鞍座及吊耳详图
43	WXCE6715-00	1/1	鞍座及吊耳详图
44	WXCE6715-00	1/1	鞍座及吊耳详图
45	WXCE6715-00	1/1	鞍座及吊耳详图
46	WXCE6715-00	1/1	鞍座及吊耳详图
47	WXCE6715-00	1/1	鞍座及吊耳详图
48	WXCE6715-00	1/1	鞍座及吊耳详图
49	WXCE6715-00	1/1	鞍座及吊耳详图
50	WXCE6715-00	1/1	鞍座及吊耳详图
51	WXCE6715-00	1/1	鞍座及吊耳详图
52	WXCE6715-00	1/1	鞍座及吊耳详图
53	WXCE6715-00	1/1	鞍座及吊耳详图
54	WXCE6715-00	1/1	鞍座及吊耳详图
55	WXCE6715-00	1/1	鞍座及吊耳详图
56	WXCE6715-00	1/1	鞍座及吊耳详图
57	WXCE6715-00	1/1	鞍座及吊耳详图
58	WXCE6715-00	1/1	鞍座及吊耳详图
59	WXCE6715-00	1/1	鞍座及吊耳详图
60	WXCE6715-00	1/1	鞍座及吊耳详图
61	WXCE6715-00	1/1	鞍座及吊耳详图
62	WXCE6715-00	1/1	鞍座及吊耳详图
63	WXCE6715-00	1/1	鞍座及吊耳详图
64	WXCE6715-00	1/1	鞍座及吊耳详图
65	WXCE6715-00	1/1	鞍座及吊耳详图
66	WXCE6715-00	1/1	鞍座及吊耳详图
67	WXCE6715-00	1/1	鞍座及吊耳详图
68	WXCE6715-00	1/1	鞍座及吊耳详图
69	WXCE6715-00	1/1	鞍座及吊耳详图
70	WXCE6715-00	1/1	鞍座及吊耳详图
71	WXCE6715-00	1/1	鞍座及吊耳详图
72	WXCE6715-00	1/1	鞍座及吊耳详图
73	WXCE6715-00	1/1	鞍座及吊耳详图
74	WXCE6715-00	1/1	鞍座及吊耳详图
75	WXCE6715-00	1/1	鞍座及吊耳详图
76	WXCE6715-00	1/1	鞍座及吊耳详图
77	WXCE6715-00	1/1	鞍座及吊耳详图
78	WXCE6715-00	1/1	鞍座及吊耳详图
79	WXCE6715-00	1/1	鞍座及吊耳详图
80	WXCE6715-00	1/1	鞍座及吊耳详图
81	WXCE6715-00	1/1	鞍座及吊耳详图
82	WXCE6715-00	1/1	鞍座及吊耳详图
83	WXCE6715-00	1/1	鞍座及吊耳详图
84	WXCE6715-00	1/1	鞍座及吊耳详图
85	WXCE6715-00	1/1	鞍座及吊耳详图
86	WXCE6715-00	1/1	鞍座及吊耳详图
87	WXCE6715-00	1/1	鞍座及吊耳详图
88	WXCE6715-00	1/1	鞍座及吊耳详图
89	WXCE6715-00	1/1	鞍座及吊耳详图
90	WXCE6715-00	1/1	鞍座及吊耳详图
91	WXCE6715-00	1/1	鞍座及吊耳详图
92	WXCE6715-00	1/1	鞍座及吊耳详图
93	WXCE6715-00	1/1	鞍座及吊耳详图
94	WXCE6715-00	1/1	鞍座及吊耳详图
95	WXCE6715-00	1/1	鞍座及吊耳详图
96	WXCE6715-00	1/1	鞍座及吊耳详图
97	WXCE6715-00	1/1	鞍座及吊耳详图
98	WXCE6715-00	1/1	鞍座及吊耳详图
99	WXCE6715-00	1/1	鞍座及吊耳详图
100	WXCE6715-00	1/1	鞍座及吊耳详图

扭矩表 TORQUE TABLE		
部件 PART	螺栓规格 BOLT SIZE	扭矩 (lb-ft) TORQUE
CHANNEL FLANGE AND SHELL FLANGE TO TUBESHEET	1"	675
NOZZLE Aux1-4, TV	5/8"	90

MAXIMUM FOUNDATION LOADING DATA(ASD)		
		TOTAL
		EMPTY OPERATING SHUTDOWN
WIND LOAD	TRANSVERSE SHEAR (Lbf)	235.7 235.7 235.7
	TRANSVERSE BENDING (Lbf-ft)	6128.2 6128.2 6128.2
	LONGITUDINAL SHEAR (Lbf)	72.27 72.27 72.27
	LONGITUDINAL BENDING (Lbf-ft)	1879 1879 1879
	TRANSVERSE SHEAR (Lbf)	2540 3063 -
EARTHQUAKE	TRANSVERSE BENDING (Lbf-ft)	66040 79638 -
	LONGITUDINAL SHEAR (Lbf)	2540 3063 -
	LONGITUDINAL BENDING (Lbf-ft)	66040 79638 -
	TRANSVERSE SHEAR (Lbf)	2540 3063 -
	LONGITUDINAL BENDING (Lbf-ft)	66040 79638 -
Bundle pull out: @ 150° bundle weight		1586 lbf

管口表 NOZZLE SCHEDULE		
符号	数量	公称尺寸
T1	1	4"
T2	1	3"
S1	1	8"
S2	1	8"
TV	1	2"
Aux1	3	2"
Aux2	1	2"

无损伤检验 NONDESTRUCTIVE EXAMINATION		
焊接接头型式或焊缝编号	焊接接头系数	射线探伤
JOINT TYPE OR WELD SEAM NO.	JOINT EFFICIENCY	EXAM. RATE
A,B类	壳程 SHELL SIDE	0.85
C类	管程 TUBE SIDE	0.85
D类	壳程 SHELL SIDE	0.85
E类	管程 TUBE SIDE	0.85

CHANNEL		
CHANNEL HEAD (INTEGRAL)	SA-516 Gr. 70N	SKID BARS/RAILS
CHANNEL FLANGE	SA-266 Gr. 2N	IMPINGEMENT PLATE
CHANNEL SHELL	SA-516 Gr. 70N	EXTERNAL ATTACHMENTS FOR CHANNEL
NOZZLE NECK	SA-106 Gr. B	EXTERNAL ATTACHMENTS FOR SHELL
NOZZLE FLANGE	SA-105N	EXTERNAL BOLTING/ NUT
PASS PARTITION	SA-516 Gr. 70N	INTERNAL BOLTING/ NUT
SHELL		SUPPORTS
SHELL AND SHELL COVER	SA-240 316L	SLIDING PLATE
SHELL FLANGE	SA-182 F316L	ANCHOR BOLTS
NOZZLE NECK	SA-312 TP316L	GIRTH FLAGE GASKET
NOZZLE FLANGE	SA-182 F316L	NOZZLE FLAGE GASKET
TUBE BUNDLE		EARTHING LUG
TUBES	SA-789 S32205 (Seamless)	NAMEPLATE
TUBESHEETS	SA-182 F80	NAMEPLATE BRACKET
BAFFLES	SA-240 316L	COLLAR BOLTS (INTEGRAL)
TIE / SEAL RODS:	SA-479 316L	JACK SCREW / DOWEL PIN

设计,制造,检验与验收数据表			
DATA SHEET OF DESIGN,FABRICATION,INSPECTION & ACCEPTANCE			
设计,制造,检验与验收标准		设计数据	
STANDARDS OF DESIGN,FABRICATION,INSPECTION & ACCEPTANCE		DESIGN DATA	
1. ASME SECTION VIII DIV.1 2021 ED. 2. TEMA Tenth Edition CLASS R 3. API660-2020.		名称 DESIGNATION	壳程 SHELL SIDE
		换热器型式 EXCHANGER TYPE(TEMA)	管程 TUBE SIDE
		传热面积 HEAT TRANSFER SURFACE AREA	234.09 [21.76]
		设计负荷 DESIGN DUTY	3.6
		设计压力(内压/外压) DESIGN PRESSURE (INT/EXT)	180/15 [12.41/1.03]
		工作压力(NORMAL) OPERATING PRESSURE	63 [4.35]
		最大允许工作压力 MAWP(INTERNAL)	186.7 [12.87]
		最大允许工作压力 MAWP(EXTERNAL)	600 [41.36]
		设计温度 DESIGN TEMPERATURE	430 [221.1400] [48.89]
		工作温度 OPERATING TEMPERATURE	120 [48.89] [41] [60.56]
		最低设计金属温度 MDMT	32 @ 186.7 PSIG
		工作介质 OPERATING FLUID	RAW Feed
		介质特性 VESSEL SERVICE	NO
		湿H2S工况 WET H2S SERVICE	NO
		氢工况 HYDROGEN SERVICE	NO
		介质致死工况 FLUID LETHAL SERVICE	非致死/Nonlethal
		介质密度 DENSITY OF FLUID	56.4/56
		腐蚀裕量 CORROSION ALLOWANCE	1/16 [1.588]
		空重 EMPTY WEIGHT	4653 [2115]
		安装重量 ERECTED WEIGHT	4653 [2115]
		操作重量(腐蚀) OPERATING WEIGHT(CORRODED)	5441 [2473]
		操作重量(不腐蚀) OPERATING WEIGHT(UNCORRODED)	5615 [2553]
		水压试验(现场) TEST WEIGHT(FIELD)	5712 [2596]
		水压试验(工厂) TEST WEIGHT(FACTORY)	5619 [2554]
		管束重量 TUBE BUNDLE WEIGHT	1057 [480.5]
		管箱重量 CHANNEL WEIGHT	634 [286]
		地震设计规范 SEISMIC DESIGN CODE	ASCE 7-2016, S1=0.579g, S2=1.016g, SD=1.077g, SD1=0.995g, Site Class=D, IMP. FACTOR=1.5, DESIGN CATEGORY=C
		风载设计规范 WIND DESIGN CODE	ASCE 7-2016
		基本风速 BASIC WIND VELOCITY	101 [45.2]
		管口方位 NOZZLE ORIENTATION	按本图
		油漆系统号 PAINT SYSTEM CODE	System 6

管口载荷表 NOZZLES LOADS LIST						
NOZZLE	NPS	FORCES (UNIT: Lbf)			MOMENTS (UNIT: Lbf-ft)	
		Fy	Fx	Fz	Mx	My
T1	4"(2X300#)	1360	1700	1700	1760	2840
T2	3"(2X300#)	1060	1340	1340	1080	1720
S1	8"(2X300#)	3640	4560	4560	9020	14600
S2	8"(2X300#)	3640	4560	4560	9020	14600

管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

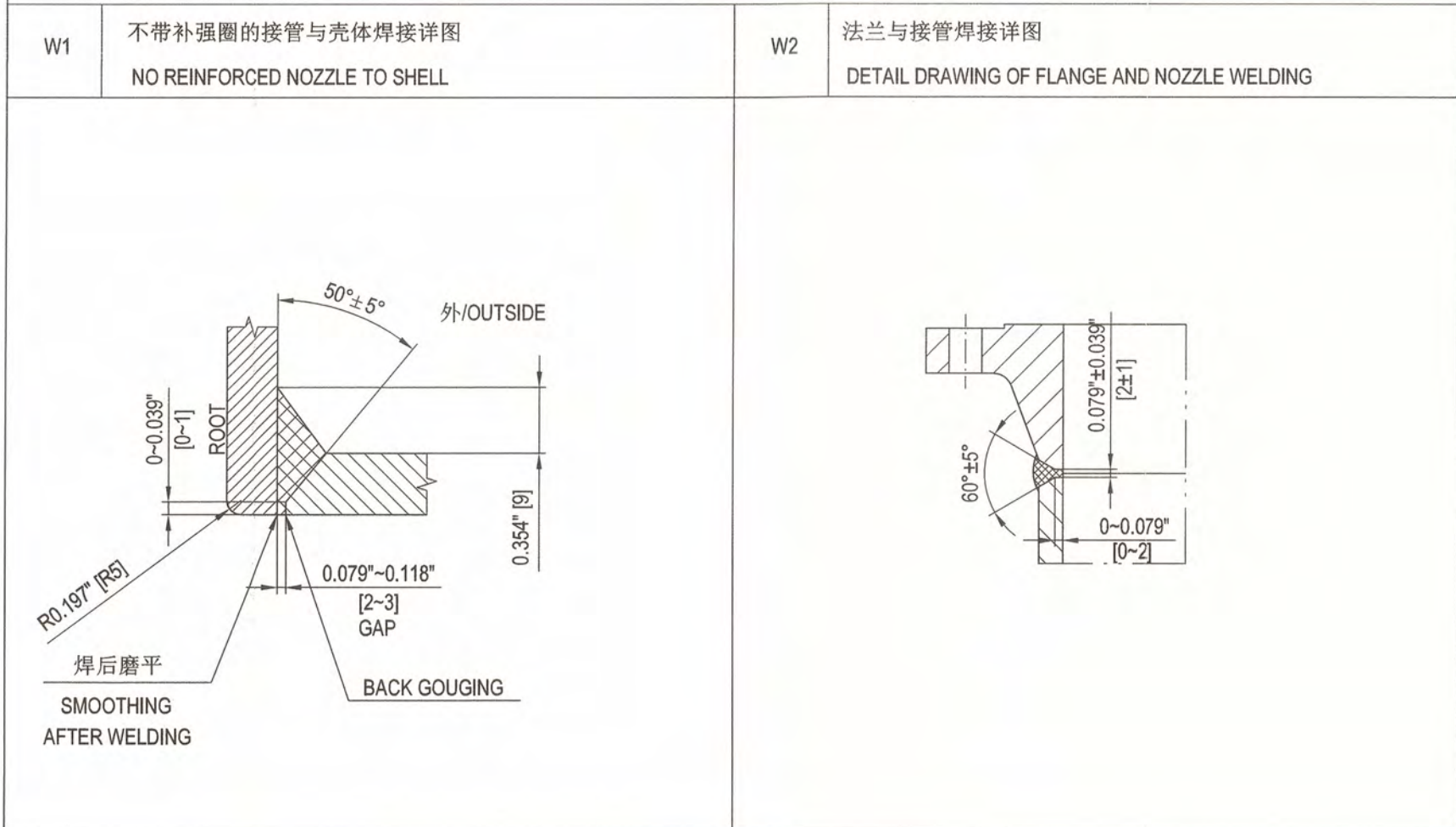
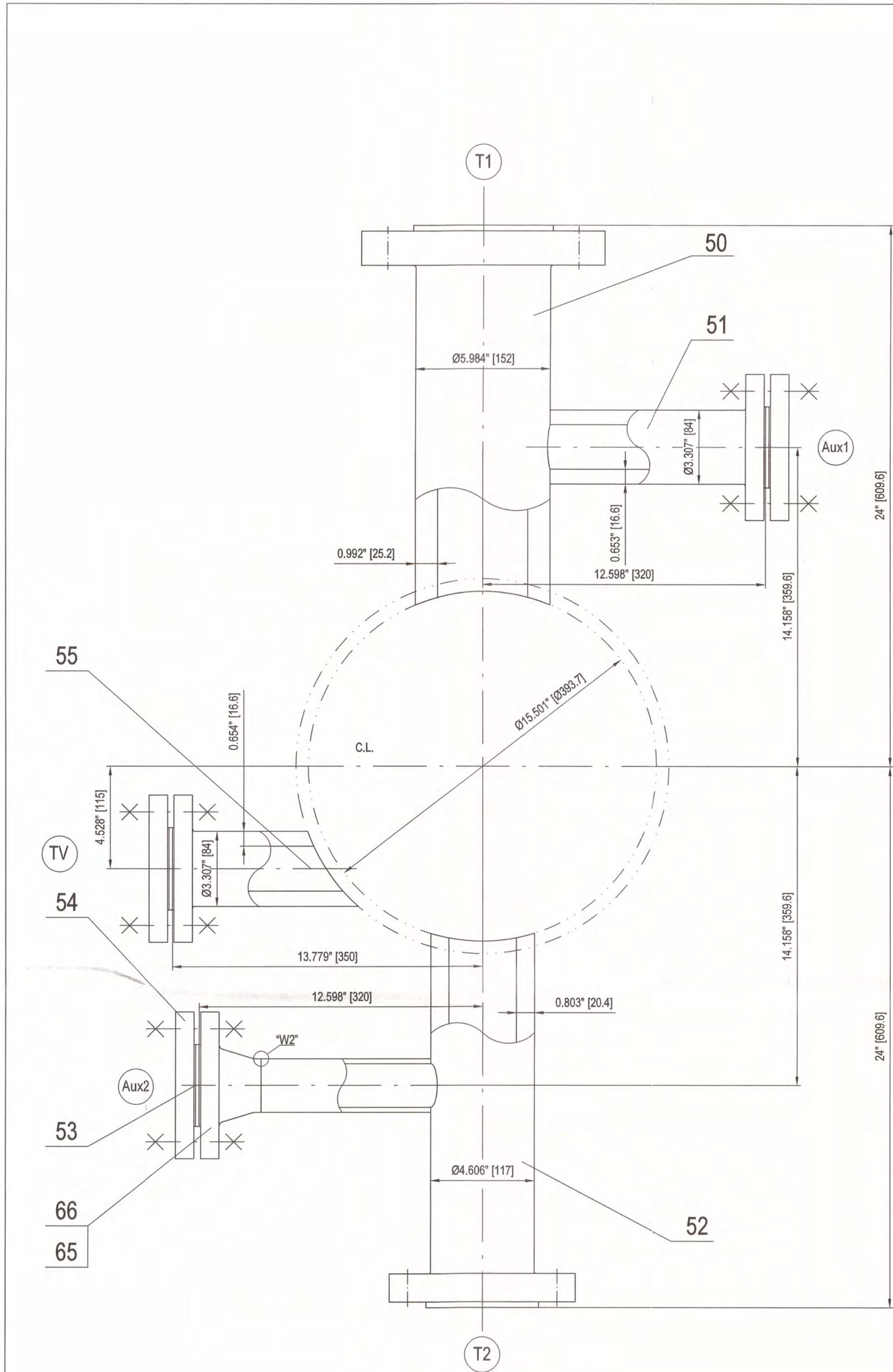
管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

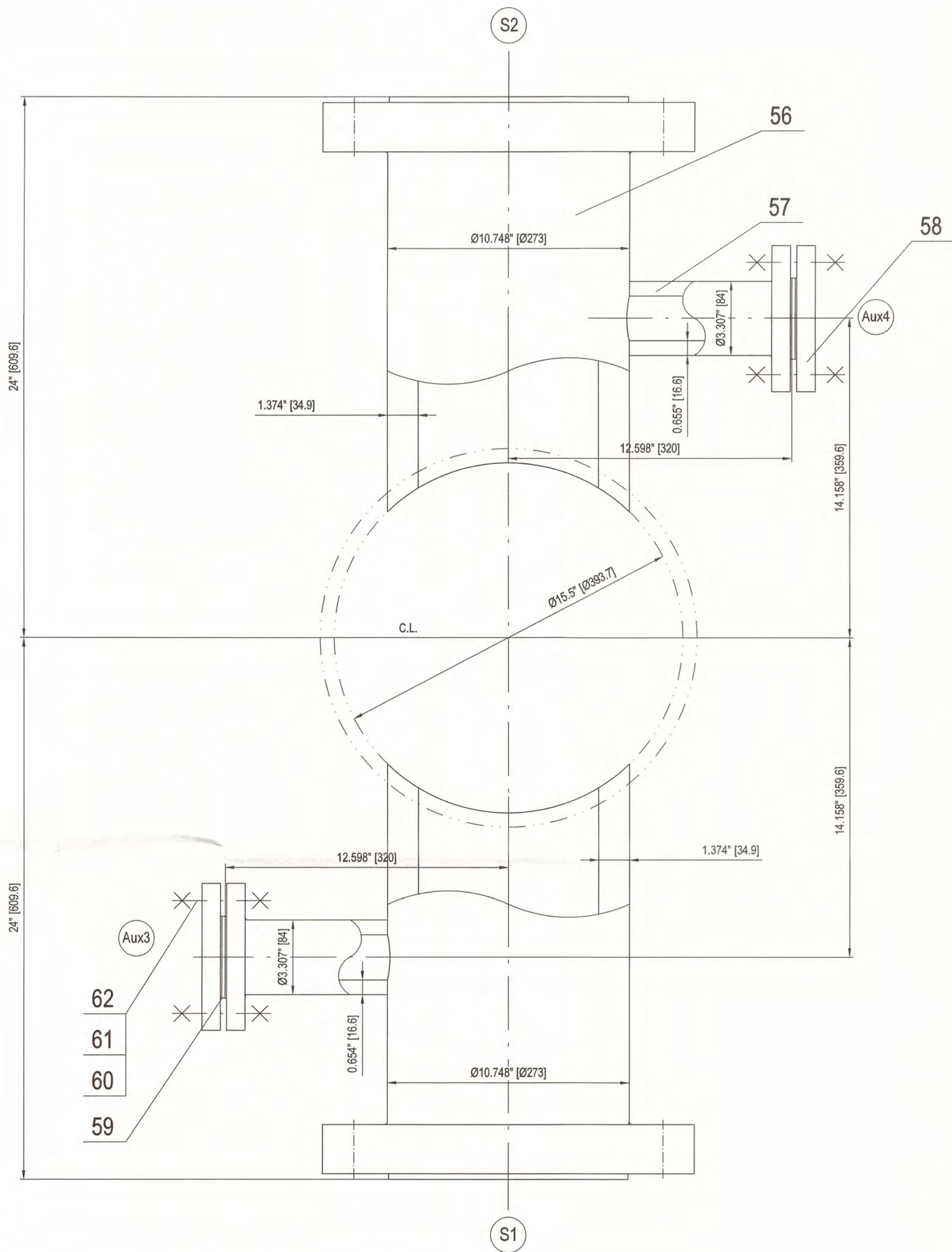
管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

管口载荷表 NOZZLES LOADS LIST		管口载荷表 NOZZLES LOADS LIST	
NOZZLE	NPS	NOZZLE	NPS
T1	4"(2X300#)	T2	3"(2X300#)
S1	8"(2X300#)	S2	8"(2X300#)

管口载荷表 NOZZLES LOADS LIST		管口
--------------------------	--	----



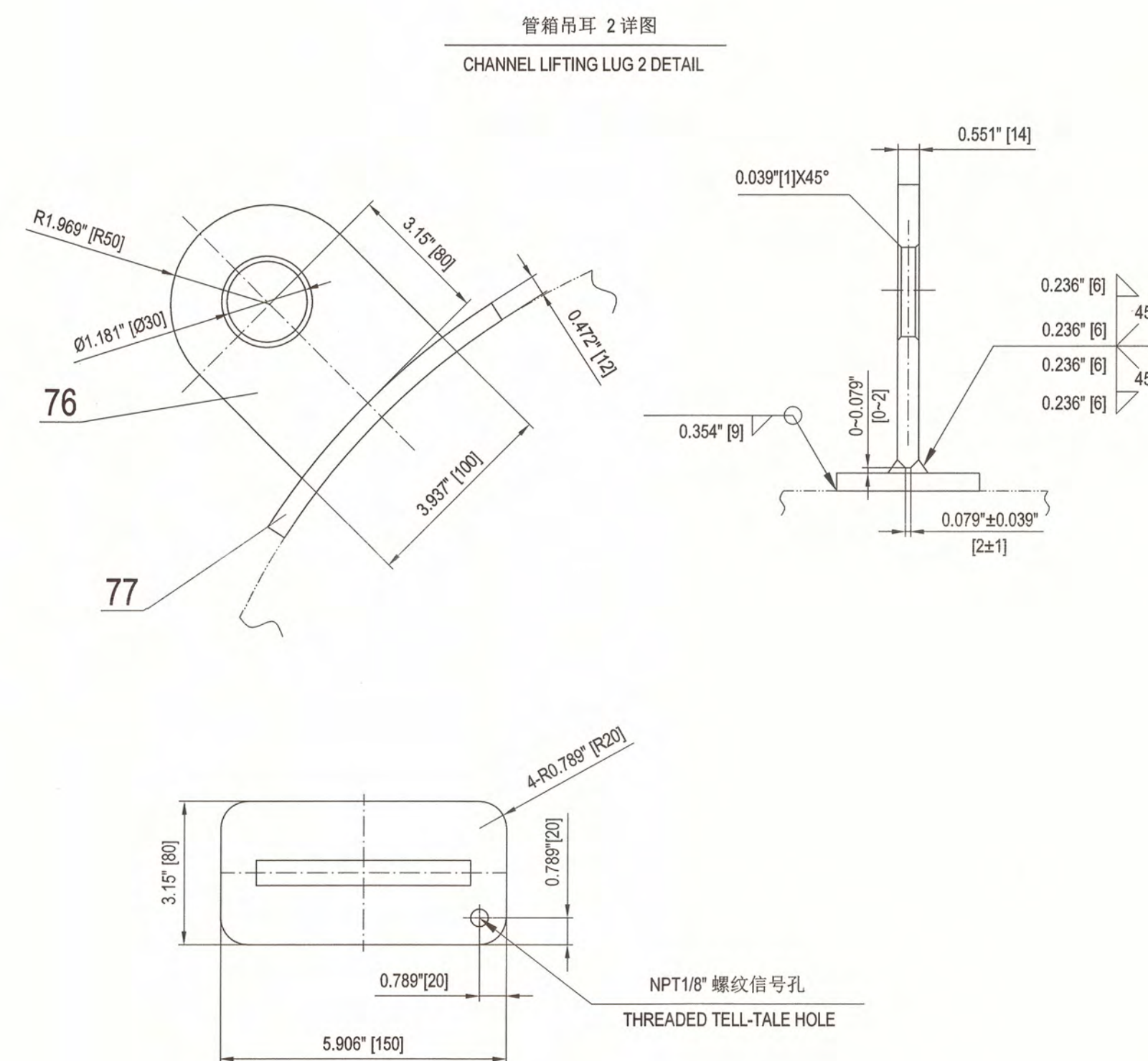
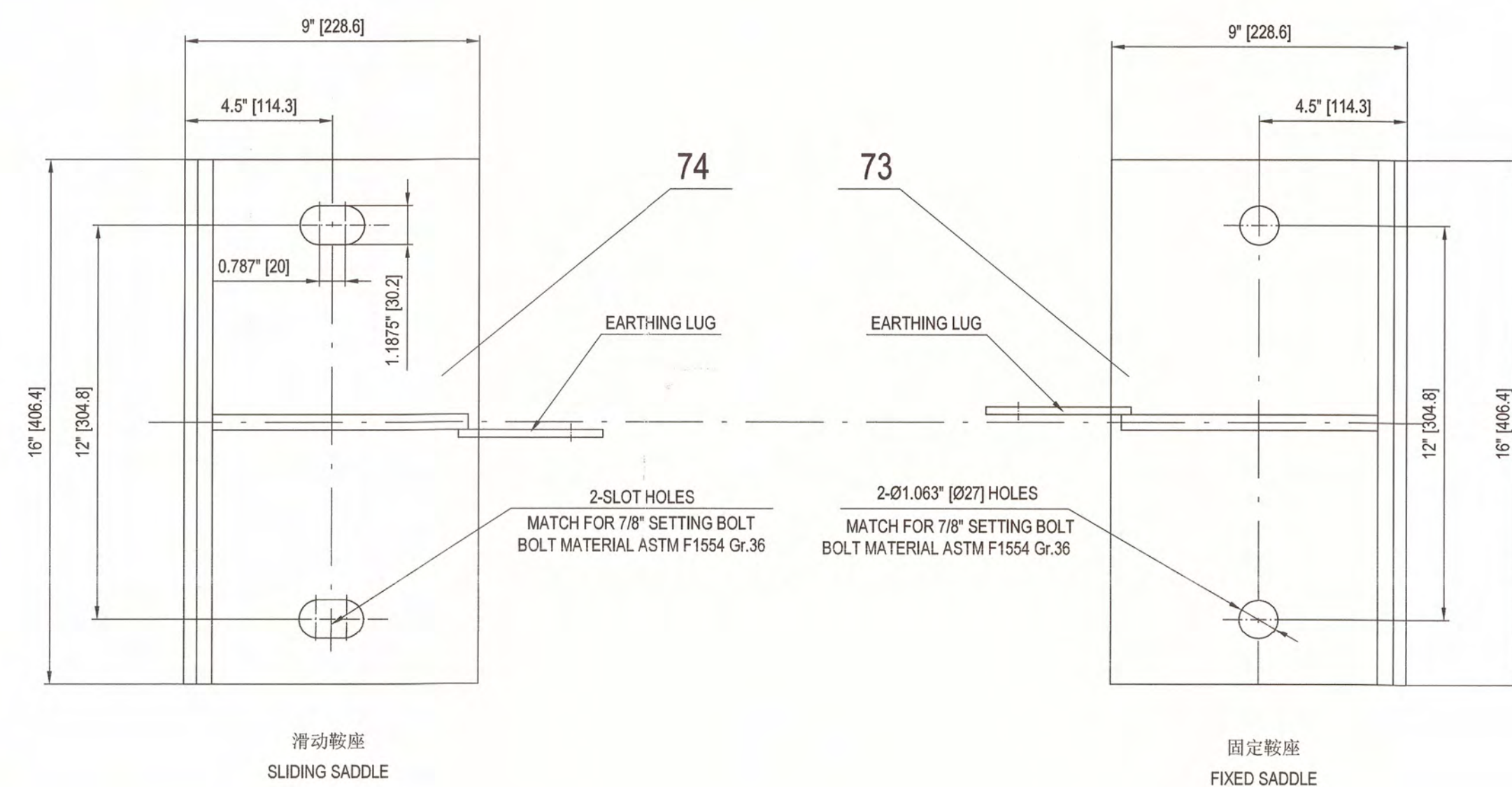
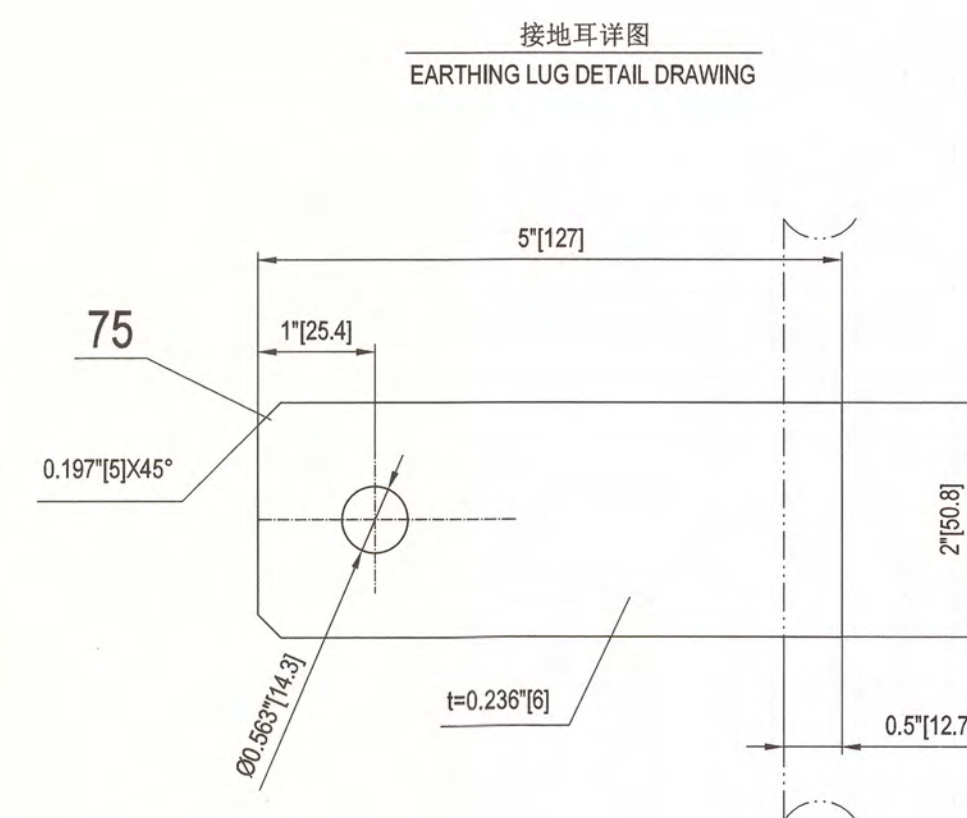
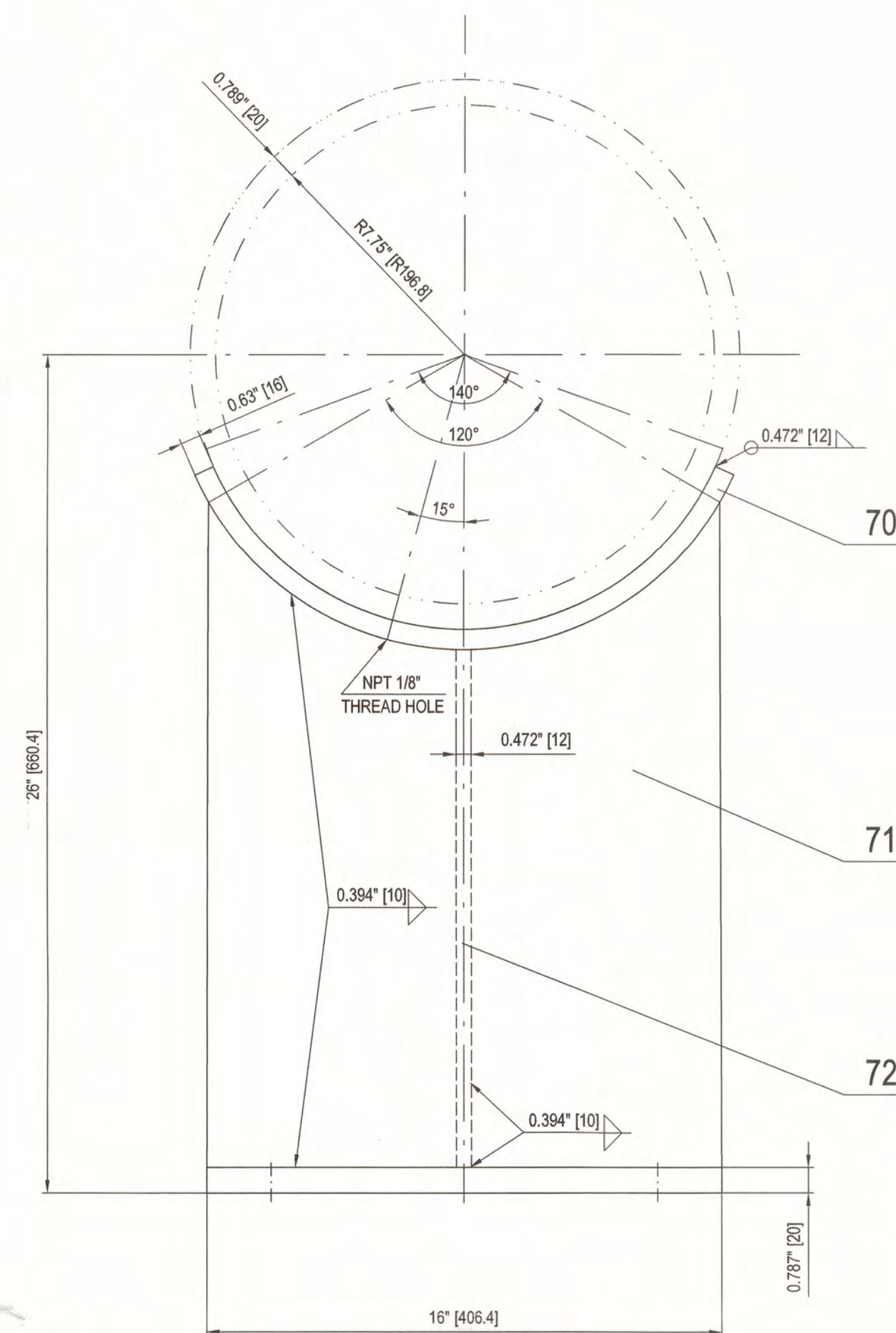
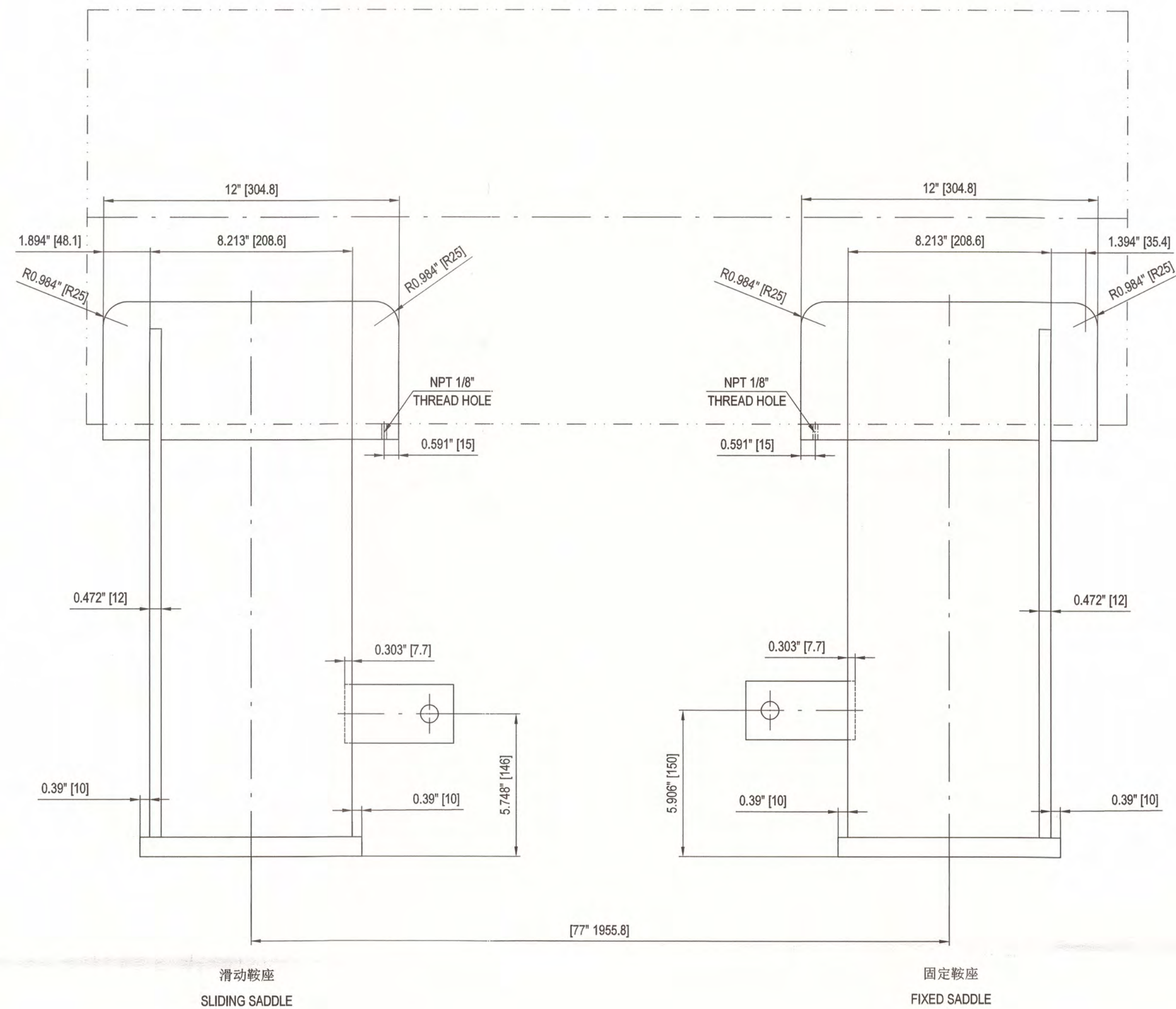
注: 1.缠绕垫材料:金属带为SS316L;填充带为柔性石墨;外环为SS316L;内环为SS316L.
Note: 1.SPIRAL WOUND GRAPHITE FILLER SS316L WINDINGS, WITH SS316L INNER RING AND SS316L CENTRING RING



As Built

66		接管 Ø60.3X5.54 NOZZLE	1	SA-106 Gr.B		1.4	Aux2
65	ASME B16.5-2017	法兰 WN 2"-300# RF SCH80 FLANGE	1	SA-105N		3.8	Aux2
64	ASME B18.2.2-2022	重型六角螺母 5/8"-11UNC-2B HEAVY HEX NUT	64+8	SA-194 Gr.8	/	/	Aux3~4
63	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	/	/	Aux3~4
62	ASME PCC 1-2019 APPENDIX M	垫圈 5/8" WASHER	32+4	TYPE 6		0.08 2.88	Aux3~4
61	ASME B18.2.2-2022	重型六角螺母 5/8"-11UNC-2B HEAVY HEX NUT	96+12	SA-194 2H	/	/	Aux1~2,TV
60	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	/	/	Aux1~2,TV
59	ASME B16.20-2017	缠绕垫 2"-300# RF SPIRAL WOUND GASKET	5+10	见注1 SEE NOTE 1	/	/	Aux1~4,TV
58	ASME B16.5-2017	法兰盖 BL 2"-300# RF BLIND FLANGE	2	SA-182 F316L	1.0	2.0	Aux3~4
57	ASME B16.5-2017	法兰 LWN 2"-300# RF B=50.8 FLANGE	2	SA-182 F316L	8.5	17.0	Aux3~4
56	ASME B16.5-2017	法兰 LWN 8"-600# RF B=203.2 FLANGE	2	SA-182 F316L	93.8	188	S1~S2
55	ASME B16.5-2017	法兰 LWN 2"-300# RF B=50.8 FLANGE	1	SA-105N		7.3	TV
54	ASME B16.5-2017	法兰盖 BL 2"-300# RF BLIND FLANGE	3	SA-105N	1.0	3.0	Aux1~2,TV
53	ASME PCC 1-2019 APPENDIX M	垫圈 5/8" WASHER	48+6	TYPE 4			Aux1~2,TV
52	ASME B16.5-2017	法兰 LWN 3"-600# RF B=76.2 FLANGE	1	SA-105N		25.7	T2
51	ASME B16.5-2017	法兰 LWN 2"-300# RF B=50.8 FLANGE	1	SA-105N		8.5	Aux1
50	ASME B16.5-2017	法兰 LWN 4"-600# RF B=101.6 FLANGE	1	SA-105N		44.4	T1

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)	备注 REMARKS
AIR PRODUCTS FLUOR						
Air Products Project Number EN207123			Fluor Project Number A8KM			
Project Name World Energy Renew Utilities US7L			RFQ No. A8KM-4-403-RQ			
Purchase Order Number 4505600675			PO/Contract No A8KM-4-403-PO-6			
Air Products Open Text document number EN207123-WUXI-9V3-00152			Project Area Utilities			
Client WORLD ENERGY PARAMOUNT			Client Doc No:			
04	竣工图/AS BUILT		Mei Xinyao	Shengfang Zhao	Kevin Yang	03-Apr-23
03	供批准/ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	17-Nov-22
02	供批准/ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	16-Sep-22
01	供批准/ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	09-Jun-22
00	供批准/ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	12-Apr-22
版次说明/REVISION			设计/DESIGNED	审核/REVIEWED	批准/APPROVED	日期/DATE
The copyright of this drawing is the property of China Wuxi Chemical Equipment Co., Ltd. (WCE). Unauthorized disclosure or duplication to the third party is not permitted.						
WCE 无锡化工装备股份有限公司 WUXI CHEMICAL EQUIPMENT CO., LTD.						
设计 DESIGNED	审核 REVIEWED	批准 APPROVED	T-100002 Recirculating Exchanger NOZZLE DETAIL DRAWING		设计项目 DESIGN ITEM	World Energy Renewables Project
设备位号 ITEM NO.	图号 DWG. NO.	比例 SCALE	1:4	版次 REV.	04	18-X-1801
第 3 页 共 6 页 PAGE 3 OF 6						



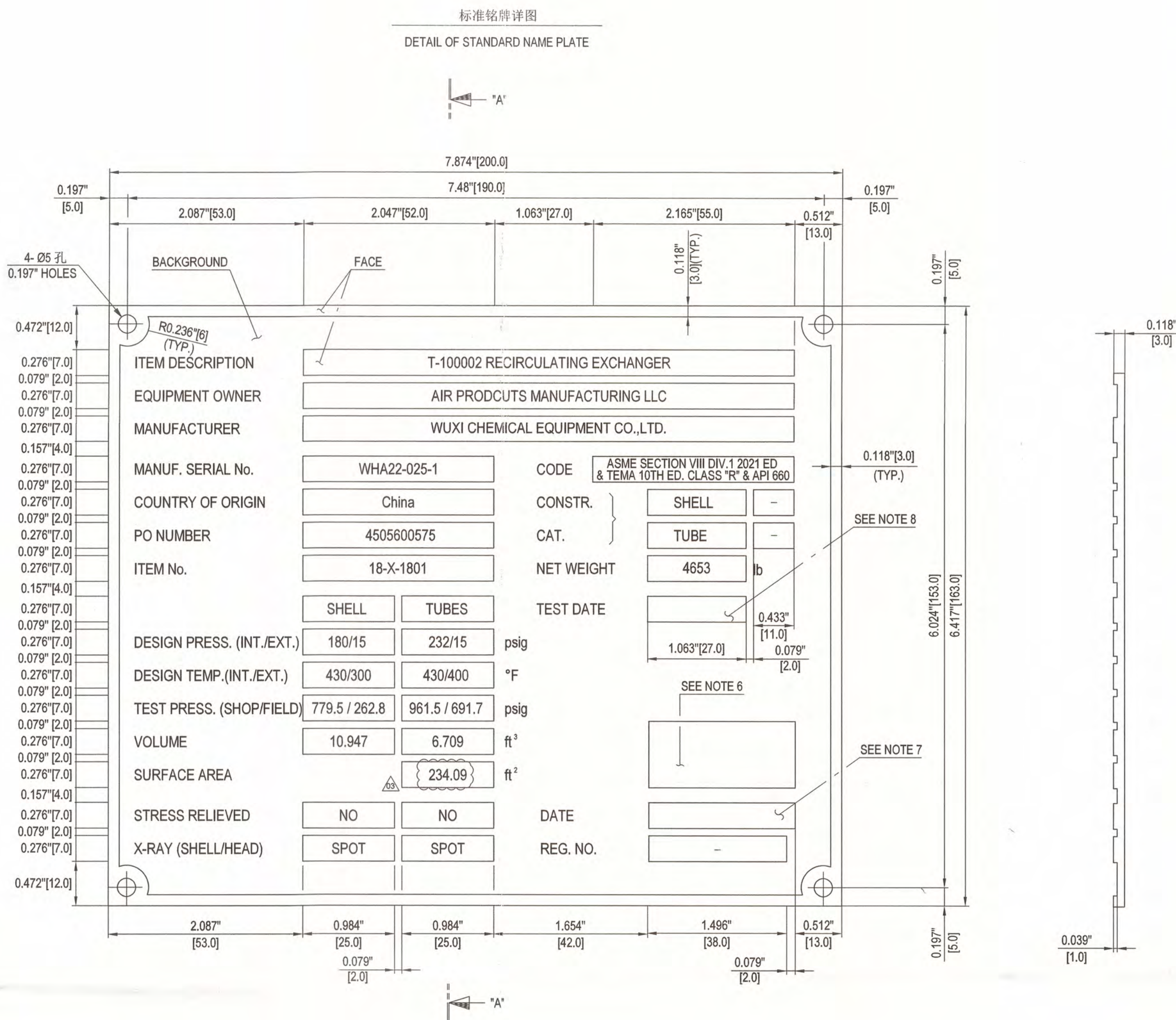
As Built

77	垫板 t=12 WEAR PLATE	1	SA-516 Gr.70N	2.2	
76	管箱吊耳2 t=14 CHANNEL LIFTING LUG	1	SA-516 Gr.70N	2.8	
75	接地耳 t=6 EARTHING LUG	2	SS.304	0.3	0.6
74	底板 t=20 BASE PLATE	1	SA-516 Gr.70N	17.5	滑动鞍座 SLIDING SADDLE
73	底板 t=20 BASE PLATE	1	SA-516 Gr.70N	17.5	固定鞍座 FIXED SADDLE
72	筋板 t=12 RIB PLATE	2	SA-516 Gr.70N	7.62	15.24
71	腹板 t=12 WEB PLATE	2	SA-516 Gr.70N	18.76	37.52
70	垫板 t=16 WEAR PLATE	2	SA-240 316L	13.9	27.8

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)	备注 REMARKS
----------------	-----------------------------	-------------------	------------	----------------	-------------------	---------------

AIR PRODUCTS		FLUOR	
Air Products Project Number	EN207123	Fluor Project Number	A8KM
Project Name	World Energy Renew Utilities US7L	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-9V3-00152	Project Area	Utilities
Client	WORLD ENERGY PARAMOUNT	Client Doc No:	
竣工图/AS BUILT	Mei Xinyao	Shengfang Zhao	Kevin Yang
04 供批准/ISSUED FOR APPROVAL	Mei Xinyao	Shengfang Zhao	Kevin Yang
02 供批准/ISSUED FOR APPROVAL	Mei Xinyao	Shengfang Zhao	Kevin Yang
01 供批准/ISSUED FOR APPROVAL	Mei Xinyao	Shengfang Zhao	Kevin Yang
00 供批准/ISSUED FOR APPROVAL	Mei Xinyao	Shengfang Zhao	Kevin Yang
版次/REV	设计/DESIGNED	审核/REVIEWED	批准/APPROVED

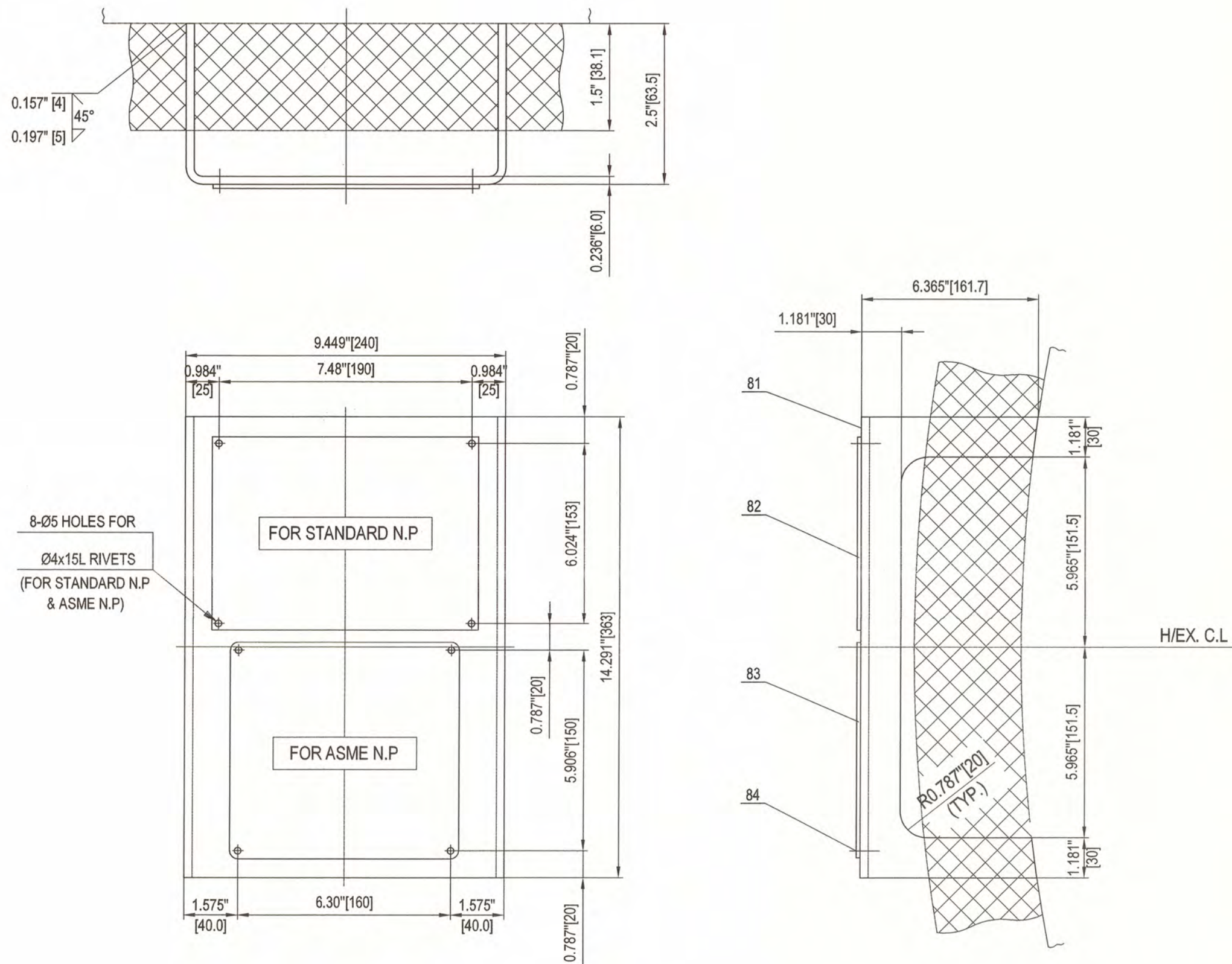
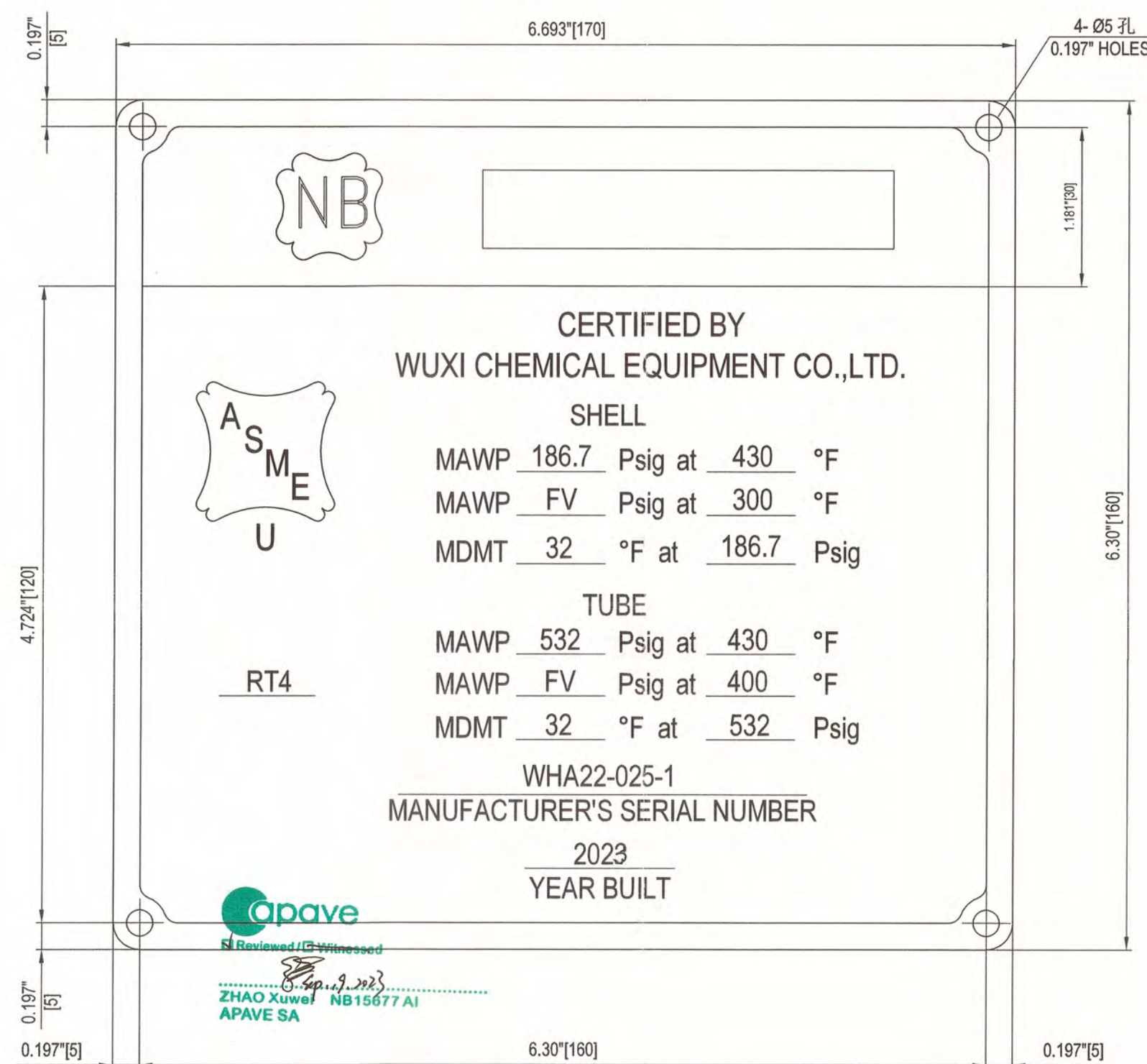
设计 PREPARED	审核 REVIEWED	批准 APPROVED	设计项目 DESIGN ITEM	设备位号 ITEM NO.	图号 DWG. NO.
2023.4.3	2023.4.3	2023.4.3	T-100002 Recirculating Exchanger SADDLE DETAIL DRAWING	18-X-1801	WXCE6715-04
比例 SCALE	1:4	版次 REV.	04	第4页 共6页 PAGE 4 OF 6	



- 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设在铭牌上, 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: *2:
- 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。

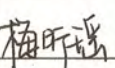
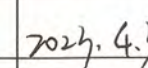
- NOTES
- ALL DIMENSIONS SHALL BE IN US CUSTOMARY UNIT AS PRIMARY UNIT AND METRIC UNIT SHOWN IN BRACKET, UNLESS OTHERWISE SPECIFIED.
 - FINISH: "FACE" MACHINED AND POLISHED INCLUDING CAST LETTERING. BACKGROUND KNURLED AND PAINTED BLACK.
 - DATE: DATE ON POLISHED SURFACE IS TO BE INSERTED (IN THE ENGLISH 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 A.I
- *1: *2:
- SPACE FOR AUTHORITY APPROVAL STAMP.
 - DATE OF AUTHORITY APPROVAL. (EXAMPLE: 01 MAR 2019)
 - TEST DATE MEANS DATE OF PRESSURE TEST.
 - REG. NO.: REGISTRATION NUMBER.
 - 10 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: Date: 2023.4.3
(Name)

84		铆钉 Ø4x14 RIVET	8	SS304		/	
83		ASME铭牌 t=3 ASME NAMEPLATE	1	SS304		0.4	
82		标准铭牌 t=3 STANDARD NAMEPLATE	1	SS304		0.7	
81		支架 t=6 BRACKET	1	SA-240 316L		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		EN207123	Fluor Project Number		A8KM		
Project Name		World Energy Renew Utilities US7L	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-9V3-00152	Project Area		Utilities		
Client		WORLD ENERGY PARAMOUNT	Client Doc No:				
04	竣工图/ AS BUILT		Mei Xinyao	Shengfang Zhao	Kevin Yang	03-Apr-23	
03	供批准/ ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	17-Nov-22	
02	供批准/ ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	16-Sep-22	
01	供批准/ ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	09-Jun-22	
00	供批准/ ISSUED FOR APPROVAL		Mei Xinyao	Shengfang Zhao	Kevin Yang	12-Apr-22	
版次 REV.	版次说明/DESCRIPTION		设计/PREPARED 审核/REVIEWED 批准/APPROVED		日期/DATE		
本图版权为无锡化工装备股份有限公司财产,未经本公司许可不得转让或复制给第三方. The copyright of this drawing is the property of China Wuxi Chemical Equipment Co., Ltd. (WCE). Unauthorized disclosure or duplication to the third party is not permitted.							
 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			T-100002 Recirculating Exchanger NAMEPLATE DETAIL DRAWING		设备位号 ITEM NO.		
审核 REVIEWED					图号 DWG. NO.		
批准 APPROVED					WXCE6715-05		
比例: SCALE		1:4	版次: REV.	04	第 5 页 共 6 页 PAGE 5 OF 6		