FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM) A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

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(/91) This form (E00121) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300 REPRINT 9/92	Uate -//-/		Mued		(Authorized Inso	octor)		Commiss	10113	(Nat	'I Board incl. endorsem	ent, State, A	rovince and No.	1
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FORM U-2 MANUFACTURER'S PARTIAL DATA REPORT
A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer
As Required by the Provisions of the ASME Code Bullet Code Code Date Code Date

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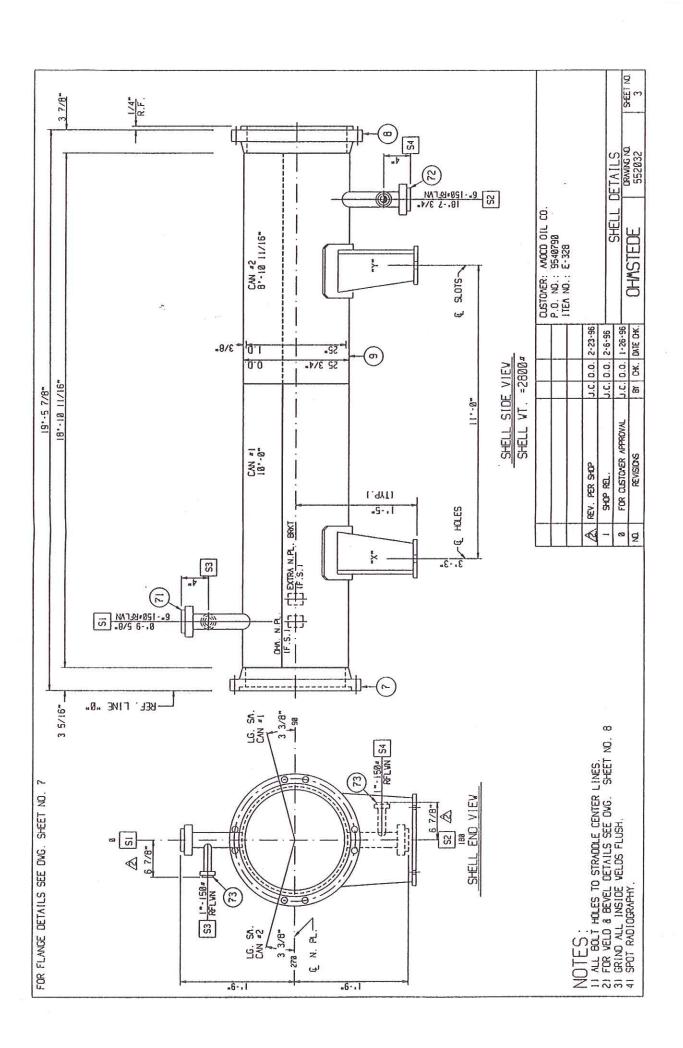
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5. A	SME Code, Se	ction VIII, Div. 1		2004 EDITI	ON, 2005	ADD	ENDA								(=))	
					and Adder				- 1	Code	Case N	o.	Spe	cial Servi	ce per UG-1	20(d)
Items	s 6 - 11 incl. to	be completed f	or single	wall vessels, ja	ckets of j	ackete	d vessel	s, she	II of heat excl	nange	rs, or c	hamber	of multi-chaml	er vesse	ls.	
	hell (a) No. o								length ft & in.:				and consisting accounts to			
	Cours		T	Material	T T	nicknes	2000000 000	1	Long. Joint (-)	Circu	ım. Joint (Cat. A	R&C)	Hoat 7	Freatment
No.		Length ft & in.	Spec.	/Grade or Type	Nom.		Corr.	Турє	Full, Spot,				Full, Spot, No			Time
_	<u> </u>	-		. 9	-						-	18	-	-	-	-
-		<u> </u>		-	-	_	-	-				-	-	-		
		L					-	(-)			-					
7. H	eads: (a)								(b)							
	Lagation (Tor			Grade or Type) H									, Grade or Type) H.T T		
	Location (Top Bottom, Ends		Corr.	Radius Crown Kr		lliptical Ratio	Coni Apex A		Hemispherical Radius		lat neter		to Pressure Concave	Type	Category A	
(a)	-	-	270	-	-	•	-		-		-	-	- Concave	- IVDE	Tuli, Opol, N	Offic Cit.
(b)	-		-7	/-	-	ē	-		-		-	i.e.	-	-		
If rem	iovable, bolts us	sed (describe oth	er fasteni	ing)							-					
									(Mat'l Sp	ec. No	., Grade	e, Size, N	lo.)			
8. Ty	pe of jacket			N <u>. </u>] 1	ia				Jacket closu	re				-		
												(D	escribe as ogee	& weld, I	bar, etc.)	
If b	ar, give dimens	ions						-						If b	olted, descri	be or sketch
	AWP *	. ,	*	psi at max. temp	la de la companya de	*		*	°F	Min	docian i	metal tem	np. *	•c	at *	
	(inter		ernal)	por at most tomp		ernal)	(e	xterna	E	tviiti.	acsigii i	netal ten	ip		at	* ps
10 Im	pact test							3								
10. 111				(Indicate yes	Or no and				act tostad)				at test	temperati	ure of	
11 U	udeo wanna an		_													
H. n	ушо., рнеен, ен	test pres	s			Proof	test				-					
tems	12 and 13 to b	e completed for	r tube se	ctions.												
12. T	ubesheet:	SB-171C		·	24 3				1 3/8"				*		BOLTEI	D
		Stationary (Mat	'I Spec. N	lo.) Dia	a., in. (subj	ect to p	ress.)		Nom. thk.,	in.		Corr.	Allow., in.	Attach	ment (welde	d or bolted)
-	SB-1710			24 3/4"				3/8"				*			BOLTED	
	Floating (Mat	'I Spec. No.)		Dia., in.			Non	n. thk.,	in.		Corr.	. Allow., i	n.		Attachment	
3. Tu		SB-111C715			3/4				.083				460		STRAIGH	łT
		Spec. No., Grad			O.D.,				Nom. thk., ir		auge		Number	Т	ype (Straigh	t or U)
tems	14 - 18 incl. to	be completed f	or inner o	chambers of jac	keted ves	sels o	r channe	els of I	heat exchange	ers.						
4. Sh	ell (a) No. of	course(s):					(b) Ove	rall len	ngth (ft & in.):				-			
	Course			Material		ckness			Long, Joint (C	at. A)		Çircur	m. Joint (Cat. A.	B, & C)	Heat Tr	reatment
No.	Diameter, in.	Length ft & in.	Spec./	Grade or Type	Nom.	_ C	orr.	Type	The state of the s	lone	Eff.	Type	Full, Spot, Non		Temp.	Time
-				-			-	**	-		-	-		-	-	-

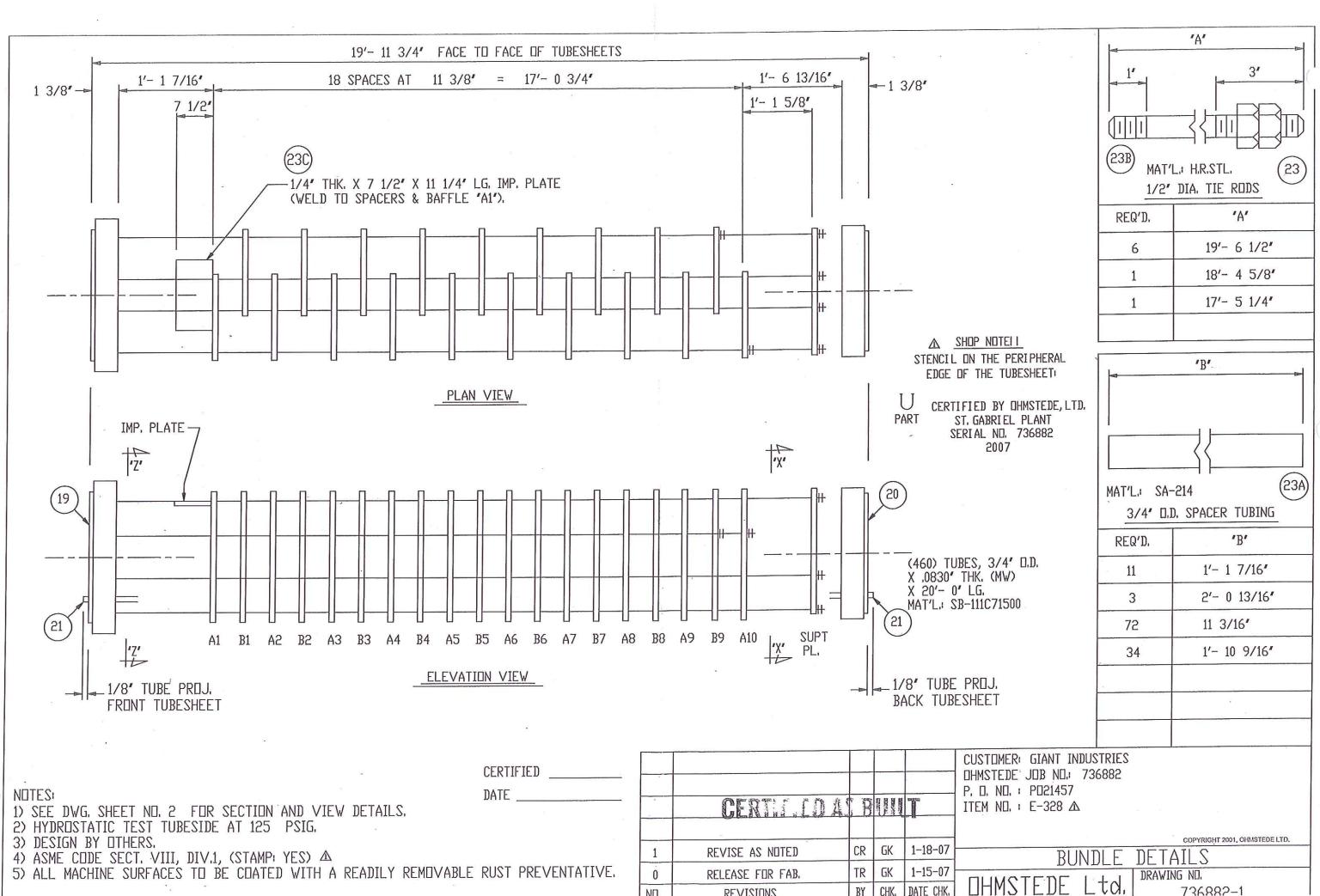
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FORM U-2 (BACK)

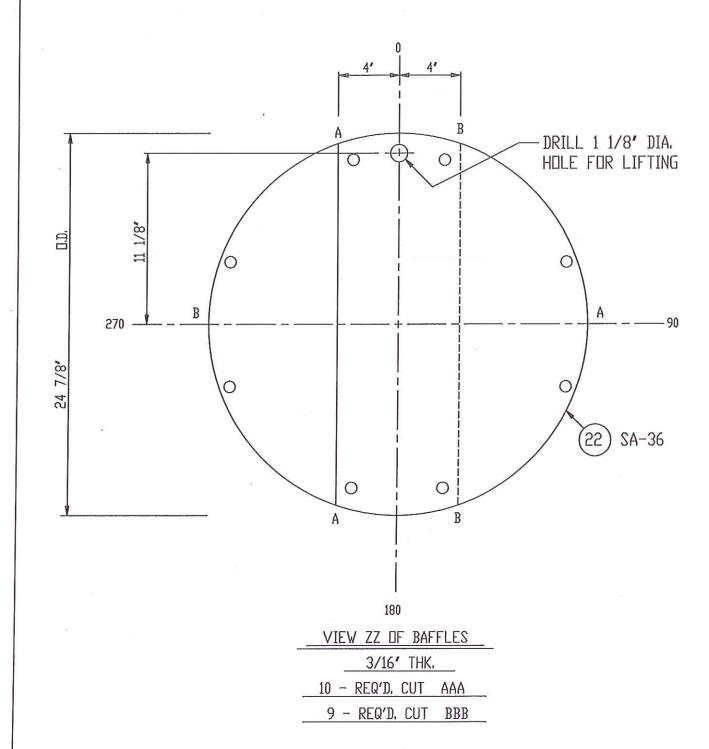
15. Heads: (a) _		Maria Section Co.						(b)				_				
		(Mat'l S	pec. No., G	rade or Typ		ne & Temp)	. 21.70		(Mat'l	Spec. No., G	Grade or Type	e) H.T	Time & Te	emp	100
Location Bottom, E	(lop,	Thick	Corr.	Crown	dius Knuckle	Elliptical	Conical	Hemisp		Flat	Side to I	Pressure		Catego	orv A	_
(a) -	-Huy/			Clown	Knuckie		Apex Angle			iameter	Convex	Concave	Type	Full, Spo	t. None	Eff
2) -		-	-	-			-	+ -		-	-	•	14			-
ır removable, bolt	s used	(describe o	ther fasteni	ing)				ــــــــــــــــــــــــــــــــــــــ		=		-	-			
		OTO TOROGRAPHICA SE						(M	at'l Spec. N	lo Grad	e, Size, No.)					
16. MAWP	*		*	psi at max.	temp.	*	*				metal temp.		12	022000		
(i	nternal) (ex	ternal)		25% (* 4	(internal)			· Will	ii. uesiyii	текатетр.	*		Fat	*.	_ p
17. Impact test					NO PE	R UCS666	(a).&UNF6					at toot	tomnara			53
						(Indicate	yes or no ar	nd the com	ponent(s)	impact te	sted)	at test	tempera	ture of		
18. Hydro., раск и	, official	nib. test pre	ess.	125 PS	SI		of test									
19. Nozzles, inspe	ction, a	and safety v														
Purpose (Inlet,		Diameter	Flange		Mat	terial	-	Nozzie 7	Thickness	Poir	forcement	1				
Outlet, Drain, etc.) No.		Туре	No	ozzle	1,000,011	ange	Nom.	Corr.		//aterial	Nozzle	v Attache	-	Locati (Insp. Or	
-	-	-	-	-	•		•	-	-			-		-	- (mop. O)	Jen.j
	-	-			-		-	1.7			-	-				
-	1:						-				-	-		-		
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	-		-		-		-	-	-		¥		_	-		
-						7/2	-		-			-		-		
	- 1	-						-	-			-		-		
0. Supports: Skirt		(Yes or No)	Lugs		o.)	Legs	(No.)	Othe	ers	(Desc		Attached	1	2		
-																
_=:																
-											7-1			_		
-																
ITEM# E-328B		PO# P021	457						1000			5:				
					OFFICE	0175.08										=
We certify th:	at the s	tatements i	made in this	e rapad ara	CERTIFII	CATE OF	SHOP/FI	ELD CO	MPLIANC	CE						
We certify that to the ASME	Code f	or Pressure	Vessels. S	Section VIII	Division 1	mat all det	alls of mater	ral, constr	uction, and	i workma	nship of this	pressure ve	ssel part	conform		
U Certificate				Joodon VIII,	10,562		Ev	niron			72.00	por relativo est				
								oires		1- 1	7/14/	2009				
	2/2007	7 Nar	THMS	STEDE LT	O., ST. GAI (Manufac		ANT	Si	gned	fith	T CRepi	resentative)	<u>></u>			
www.					CERTIFI	CATE OF	SHOP/FI	ELD INS	PECTIO	N			-			\neg
I, the undersigned	ed, hold	ling a valid	commissio	n issued by	The Nationa	al Board of	Boiler and F	ressure \	essel Insp	ectors ar	d the State	or Province o	of	LA		
and employed b	у				HSB CT	34			of		HARTFOR		-	ave inspec	ted the	
pressure vessel	part de	scribed in	this Manufa	cturer's Dat	a Report on	March	02,	2007		and state	that to the	hast of mule	noudede.			
Manufacturer ha	s const	tructed this	pressure v	essel part in	accordance	e with ASM	E Code, Še	ction VIII,	Division 1	Ry signir	na this cortific	cata naither t	the Inne		2 2 2	
nor his employer	makes	s any warra	nty, expres	sea or impli	ed, concerni	ing the pres	ssure vesse	part desc	cribed in thi	s Manufa	cturer's Date	Donort Eu	dharma.			
ricidici die ilispe	CIOI NO	i ilis emplo	yer shall be	e liable în an	y manner fo	or any perso	onal injury o	r property	damage or	a loss o	f any kind ari	ising from or	connect	ed		
with this hispecti	on.				000											
Date 3/2	07	Signe	o Robe	to De	KILL			Commis	sions A	/R 1:	3215 A	JΛ	152	L		- 1
					norized Insp	ector)						rsement, Sta	te Provi	ince and M	lo.)	
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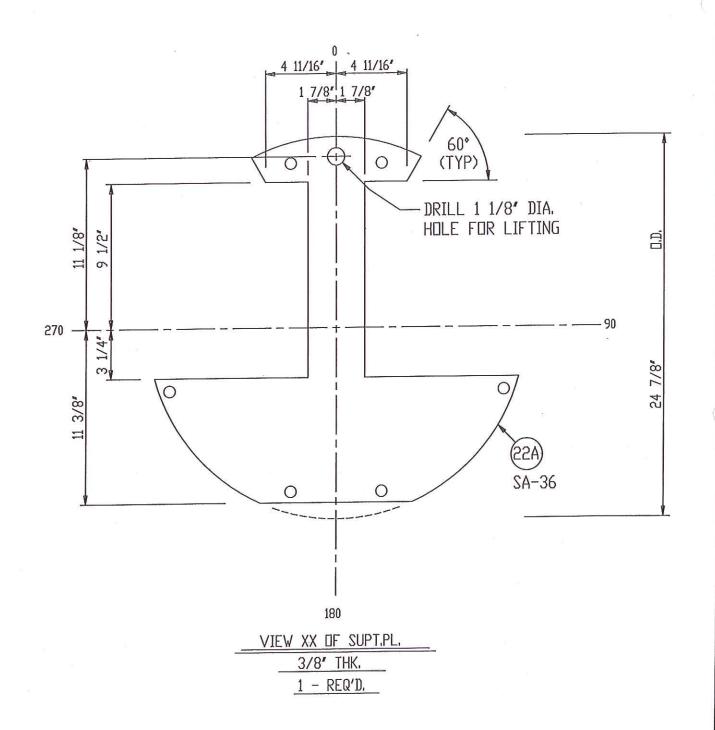


736882-1





- 1) DRILL TUBE HOLES IN BAFFLES 25/32" DIA. & DEBURR.
- 2) DRILL TIE ROD HOLES 9/16' DIA. SEE TUBE LAYOUT FOR LOCATION.
- 3) RADIUS ALL CORNERS ON BAFFLE CUTS.
- 4) MACHINE D.D. DF BAFFLES TO 250 AARH.



		3	"H PS		CUSTOMER: GIANT INDUSTRIES OHMSTEDE JOB NO.: 736882 P. O. NO.: PO21457 ITEM NO.: E-328 🛆
					COPYRIGHT 2001, OHMSTEDE LTD.
1	REVISE AS NOTED	CR	GK	1-18-07	BAFFLE DETAILS
0	RELEASE FOR FAB.	TR	GK	1-15-07	DILLACTEDE L. L. DRAWING ND.
ИП.	REVISIONS	BY	CHK.	DATE CHK.	UHMSTEDE LTO, 1 736882-2

