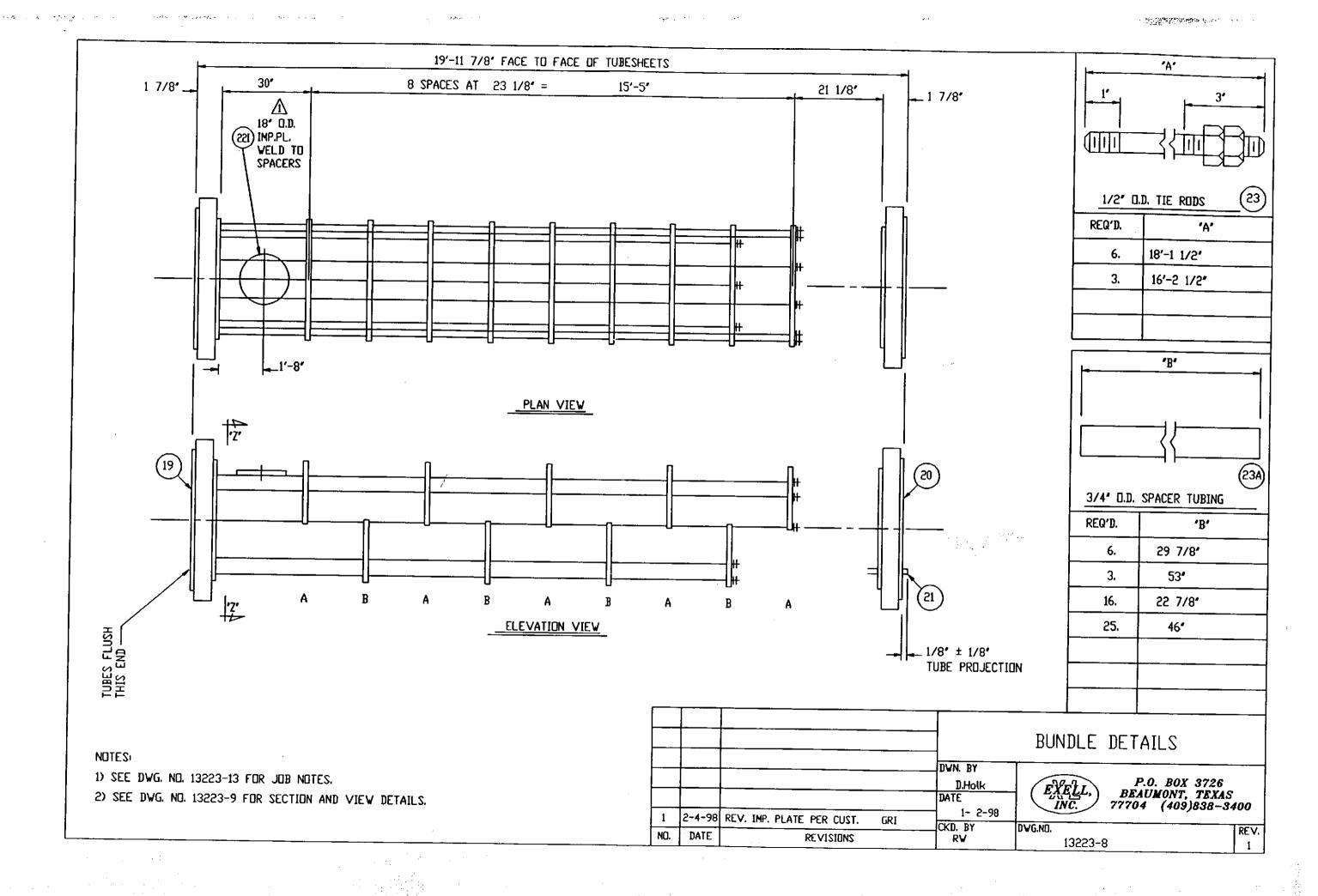
1. Manufactured and certified by	EXELL	INC.	690 FRAN	KLIN	ST. BEA	UMON	<u>ΙΤ, Τ</u>	X, USA	77701				
2. Manufactured for	OCCIDE	ENTAL C	HEMICAL C	OMP	ANY PO	BOX 37	'85, B	EAUMO	NT, TX 77	704			
3 ration of Installation	OCCIDEN	NTAL CHI	EMICAL CO	OMPA	dress of Pu NY GULF nd address	STATE	•	OAD, BE	AUMONT, T	X 777	704_		
4. Type: VERTICAL	HEAT EXCHA	NGER	-	13223		<i>)</i> 		1	3223		188	ર વ	1998
(Horiz, vert., or sphere) (Tan						CRN)			wing No:)	1)		d. No.) (Y	
5. ASME Code, Section VIII, Div. 1	•	1995	-A96						· ·				,
			ddenda (da		-			ase No.	Spec	al Serv	ice pe	r UG-120	(d)
Items 6 - 11 incl. to be completed fo												essels.	
6. Shell: (a) No. of course(s);	2			(b)	Overall lei	ngth (ft	& in.):		19-8.3	75		
Course(s)	Material	L	hickness		Long Joint				Joint (Cat. A			leat Treat	
No. Diameter, in. Length (ft & in.) S									ull, Spot, Nor				Time
1 42.000 9-11.000	SA-516-70	.500	.125	1	SPO		85	1	SPOT	85			
1 42.000 9-9.375	SA-516-70	.500	.125	1	SPO	1	85	1	SPOT_	85	-		
		L									- -		<u> </u>
7. Heads: (a)(Mat'l Spec. N	o., Grade or Type) I	-1.Т Тіп	ne & Temp.		(p)	(Ma	t'l-Spe	ec. No., (Grade or Typ	oe) H.T	Tir	— ne & Tem	p.
Location (Top, Thickness		Elliptical	Conical	Hen	nispherical	Flat	<u>_</u>	Side to	Pressure	 	Categ	ory A	·
<u> </u>	т. Crown Knuckle	. 1	Apex Angle	4	Radius	Diamel	-	Convex				Spot, Non	e Eff.
(a)	_	— Ì					-						
(b)							-						—
If removable, bolts used (describe of	ther fastening)	1				1			<u></u>	<u>1</u>	-		!
				4)	Mat'l Spec.	-		ize, No.)					
8. Type of Jacket					Jack	cet Clos	ure	/[escribe as o	nee & ı	veld l	nar etc.)	
If bar, give dimensions								(1)		•		ibe or ske	etch.
	psi at max. te					Min.	desigi	n metal te	emp20	°F	at	97	psi.
(internal) (extern	,	,	nternal)	(ext	ernal)								
10. Impact test				NO F	PER UG-20)f							
		(midioc	ate yes or no										
11. Hydro., pneu., or comb. test pre		DIESTA	T 197 PSI		Proof to	est							
Items 12 and 13 to be complete		45.00	n=		4.075		401	_		14.15		,	
12. Tubesheet: SA-516-7	Spec. No.) Dia.,	45.62 in (subje		N	1.875 lom. thk in	Col	.12! rr. Allo	_	Attach		LDEI velder	d or bolted	d)
SA-516-70	47.250	(]-	,,	1.875				125		-	NELD		-,
Floating (Mat'l Spec. No.)	Dia., in.		Nor	n. thk.		c		llow., in.			Attach		
13. Tubes: SA-214	50	0 14 MW 1557						STRAIGHT					
Mat'l Spec. No., Gra	deortype O.D	., in. N	lom. thk., in.	or ga	uge	Numb			Ту	pe (Stra	aight o	r U)	
items 14 - 18 incl. to be complet		rs of jack	eted vessels										
14. Shell (a) No. of course(s):	2			(p) O	verall lengti	h (ft & in	ı.): <u> </u>			1.812			
Course(s)	Material		Thickness		Long Joir				um, Joint (Ca		-	Heat Tre	
No. Diameter, in. Length (ft & in.)	1		-	1	e Full, Spe				Full, Spot, I		Eff.	Temp.	Time
1 42.000 2-10.312	SA-516-70	.50		-i -		OT	85		SPOT		85	!	
1 42.000 0-1.500	SA-516-70	.50	00 .125	1	SP	OT	85	5 1	SPOT		85		
_ :				<u> </u>				-				<u> </u>	
15. Heads: (a)	SA-516-70		0 T		(b)	/14-4	10-0	- No. C	SA-516-7 rade or Type		Tim	o P Tome	
	, Grade or Type) H.			111	mienhorica				Pressure		Categ		
Location (Top, Thickness Bottom, Ends), Min. Co		Elliptical Ratio	Conical Apex Angl		mispherica Radius	Diame	-	Convex			,	Spot, Nor	ne Eff
(a) TOP 231 .12		2:1	Apex Ailgi	+	. 10 0100			- COLLECT	YES	S		NONE	100
(a) 10P 231 .12 3) BOTTOM .215 .12		2:1		\dashv		+=			YES	S	+	NONE	100
BOTTOM 1210 112		4.1							1	<u> </u>	L		
in removable, bolts used (describe	outer tasterning)												

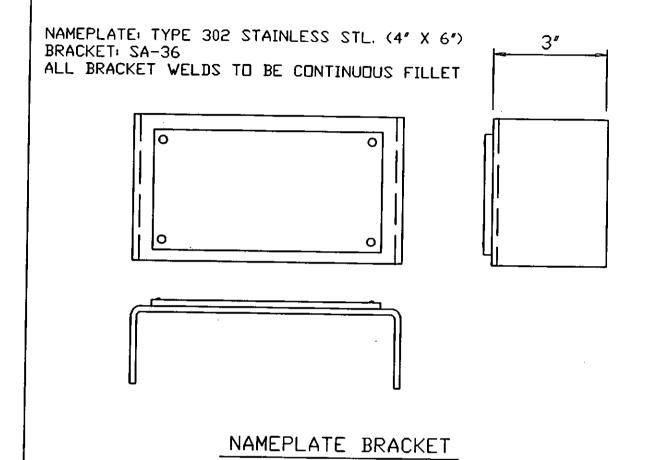
(Mat'l Spec. No., Grade, Size, No.)

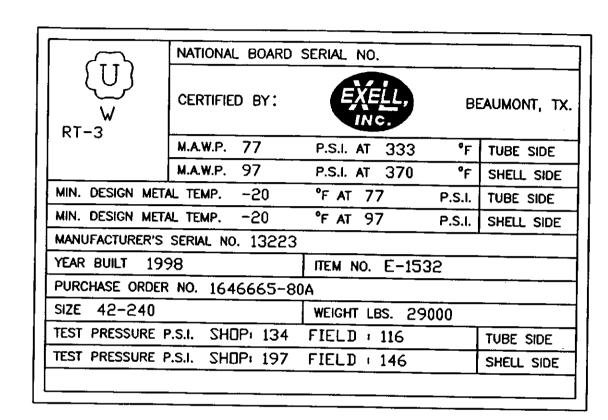
						FU	IKM U-1 (Bac	:k)					
16. MAWP	77	π		— psi	at max <i>t</i> emp.	333		o	F Min. design	metal temp	-20 ec	77	psi.
17. Impact test	(interna	1)	(externa	a ()	·	(internal) NO	(exten PER UG-20				·==F	at	_ psi,
18 Hydro ppo	1 05.00			1.0	(indicat	e yes or no a	nd the comp	onent(s)	impact tested)				
18. Hydro., pneu Nozzles, ins					YDROTEST. ps: UG125		Pr	oof test _					
Purpose (In	let, 1		Diameter	Flange		terial	Nozzie TI	nickness	Reinforcemen	How A	tached	Landin	
Outlet, Drain,	etc.)		or Size	Type	Nozzle	Flange	Nom.	Corr.	Material		Flange	Locatio (Insp. Ope	
INLET		1	12-150#	RFWN	SA-106B	SA-105	.500	.125	INTEGRAL	WELDED	WELDED		
INLET/OUTLE	T	2	6-150#	RFWN	SA-106B	SA-105	.432	.125	INTEGRAL	WELDED	WELDED		
VENT/DRAII	1 :	3	1-150#	RFLWN	SA-105		.500	.125	INTEGRAL	WELDED			
OUTLET		1	18-150#	RFWN	SA-106B	SA-105	.500	.125	INTEGRAL	WELDED	WELDED		
AUXILLARY		В	3/4-6M#	CPLG	SA-105			.125	INTEGRAL	WELDED			
VENT/DRIA	4	2	1/2"	NPT									
	-	-											
20. Supports: Sk				Lugs	2	Legs		Others		Atta	hed WF	I DED TO CI	151.1
, 04. ktorovinostorov			r No)		(No.)		No.)	-	(Describe)			LDED TO SI Where and Ho	
21. Manufacturer	rs Parti	al Da	ata Reports	properly i	dentifæd and	signed by Co	mmissione	d Inspecto	ors have been fo	ırnished for	the following	ng items of the	report:
(List the r	name of	par	t, item num	ber, mfg's	. name and id	lentifying num	nber)						
								_ .					
22. Remarks: (ONE (1)	TH	IRD FFFF	CT REBO	II FR			-		 -	-		
	TEM#												
											·		
_					CERTI	FICATE OF	SHOP CO	MPLIAN	ICE				
We certify that the conform to the A	ie state SME Co	men ode	ts made in	this report	are correct a	ind that all del	tails of desi	gn, materi	ial, construction,	and workn	nanship of tl	nis vessel	
11 Certificate of A		· u	101 1 16 3201	C AC99619	, Seldon Viii,	DIVISION 1.			,19 <u>98</u>	,			
_uie: 3/1	1/9	8									hus	Jil/100	11/6
Name: <u>EXELL, INC.</u> Signed: WWW WWW (Representative)													
I the undersione	d boldi	na a	valid come	niceia n i ce	CERTI	FICATE OF	SHOP IN	SPECTION	ON				
I, the undersigne TEXAS	0110	circh	MOYEU DY _			1. O. B. I. & 1. UI	U.		re Vessel Inspe	ctors and t H	he State or . IRTEORD C	Province of	
have inspected to knowledge and h	he pres	sure e M:	vessel des	scribed in t	his Manufacti	urer's Data Ro	eport on	3-7,	, 19_	26, and st	ate that, to t	T. he best of my	
knowledge and b certificate neither Manufacturers F	1116 1113	コンモレ	iui nun illə t	SILIUIOVEI I	Hares any wa	ILLAUM GANG	CCOM OF IMPO	LIGAL AANA	orning the second				
Manufacturer's E or a loss of any k	ala Ke	יווטק	Futthermo	re, neilner	the inspector	f hor his empl	loyer shall b	e liable in	any manner for	any persor	nal injury or	property dam	age
					3 //·		,	•	47.0	100.			
Date <u>3-//</u>	78		Signe	d D	(Authorized	Inspector)	Co	mmission	ns <u>N.B. //</u> (Nat'l Board in	85/0	6		
	· -			С		E OF FIELD) ASSEME	BLY COM	MPLIANCE	ici. endorse	ment, State	e, Province ar	id No.)
We certify that the	e state	men	ts on this re	eport are o	опеct and the	at the field as	sembly con	struction o	of all parts of this	s vessel co	nforms with	the	
requirements of U Certificate of A	HOIME (Sode	e, Section V	III, DIVISIO	n 1.					٠			
										Signed: _			
Date:										oigned	(Rep	resentative)	
! #h.a					ERTIFICAT	E OF FIELD	D ASSEMI	BLY INS	PECTION				
I, the undersigne	and	eme	xovea av						~ 5				
have compared the statements in this Manufacturer's Data Report with the described pressure vessel and state that parts referred to as data items													
been inspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this program assembled this program assembled this program.													
with ASME Code, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test ofpsi. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this													
Manufacturer's D	nie wiż	her	ו פוונ וטוו וטו	SIIIDIOVELI	Hakes ally wa	ilianiv. exore:	ssea or imp	Ded Conc	arning the proce	uro voccol	docaribad i	- 41a i -	
i loss of any k	ind aris	ing t	iom or con	nected wit	h this inspect	ion.	⊷yer Sildii D	e navie iN	any manner for	any persor	iai injury or	property dam	age
Date			Signed		1.50								

(Authorized Inspector)

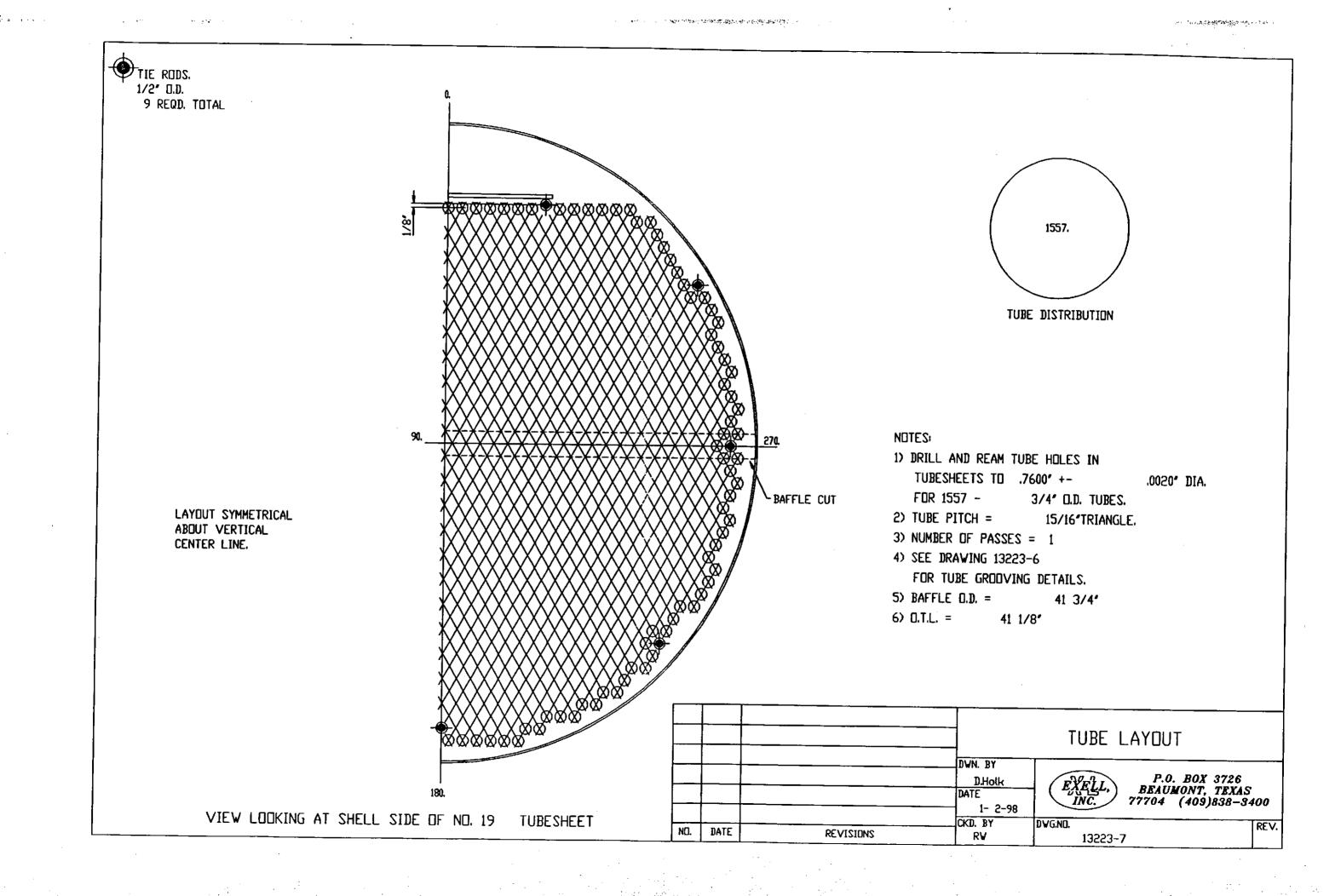
(Nat'l Board incl. endorsement, State, Province and No.)

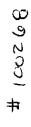


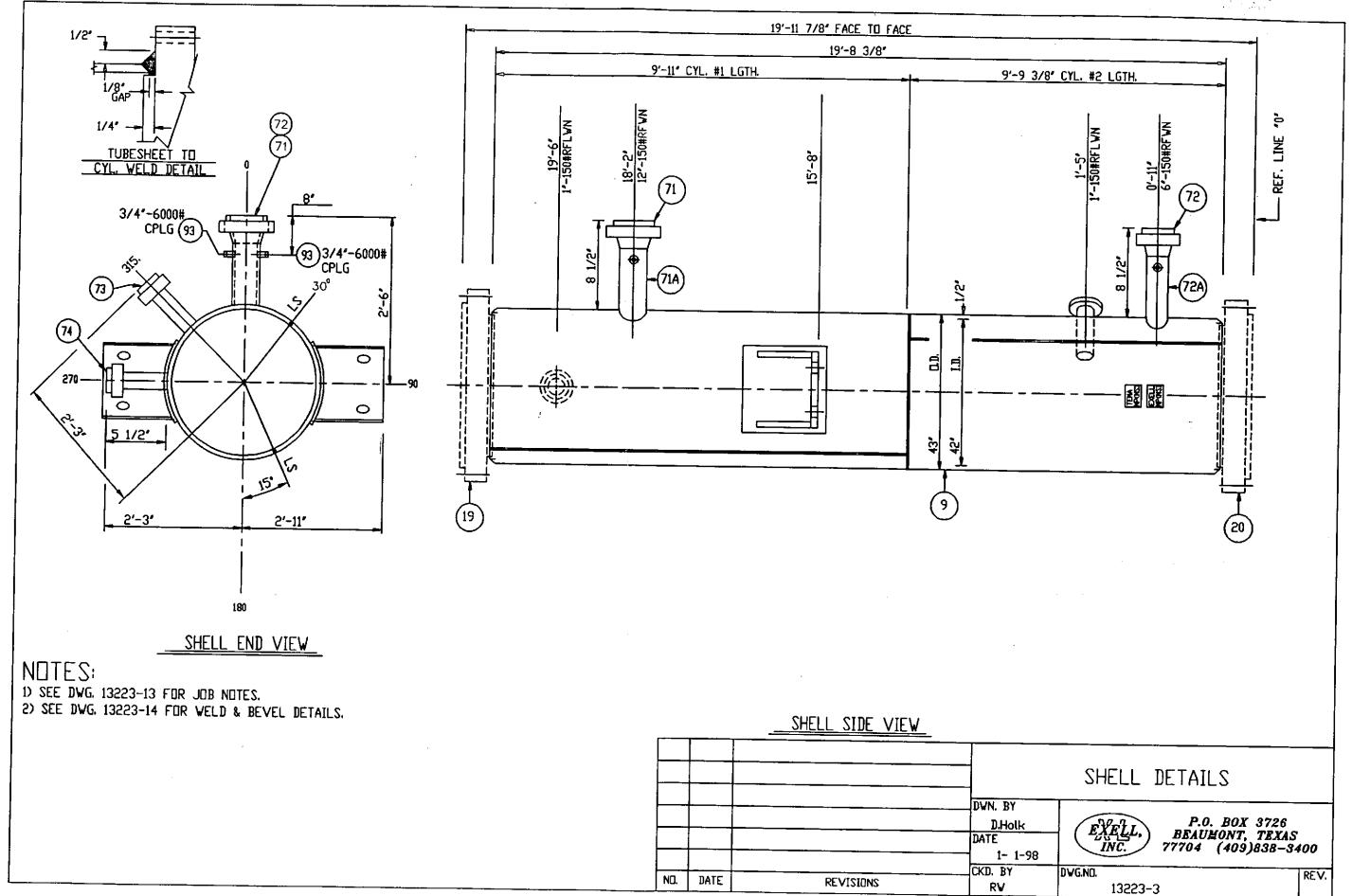




			NAN	MEPLATE AND BRACKET	
			D.Holk DATE 1- 1-98	P.O. BOX 3726 EXELL. BEAUMONT, TEXA 77704 (409)838-	S 3400
NO.	DATE	REVISIONS	CKD. BY	DVG.NO. 13223-11	REV.







CERTIFIED

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