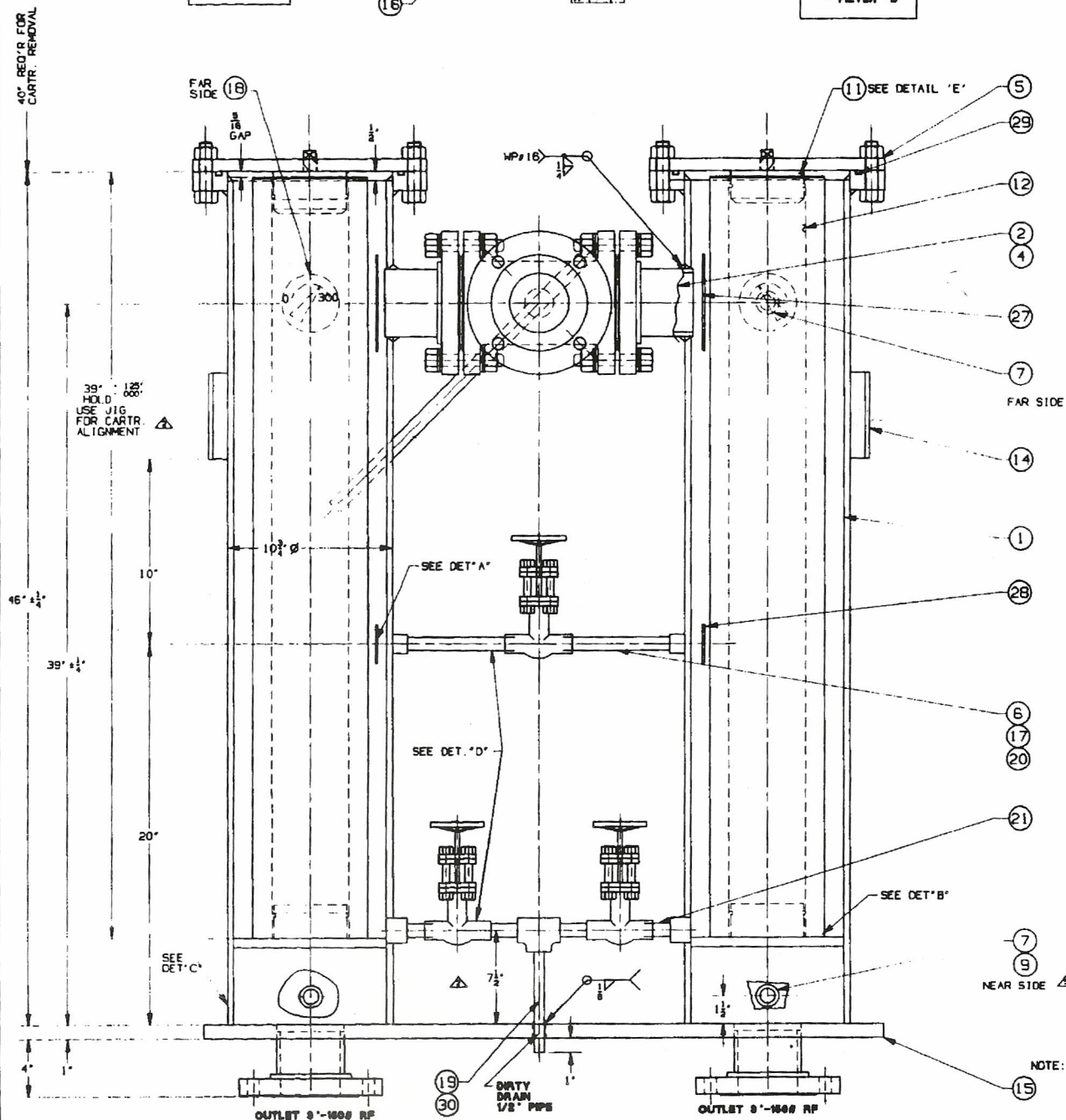
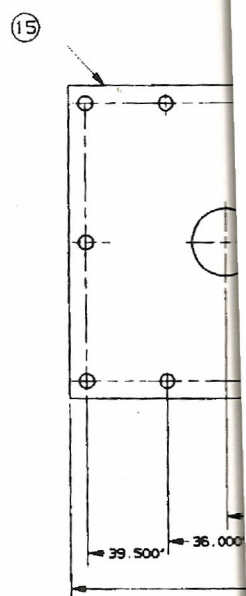
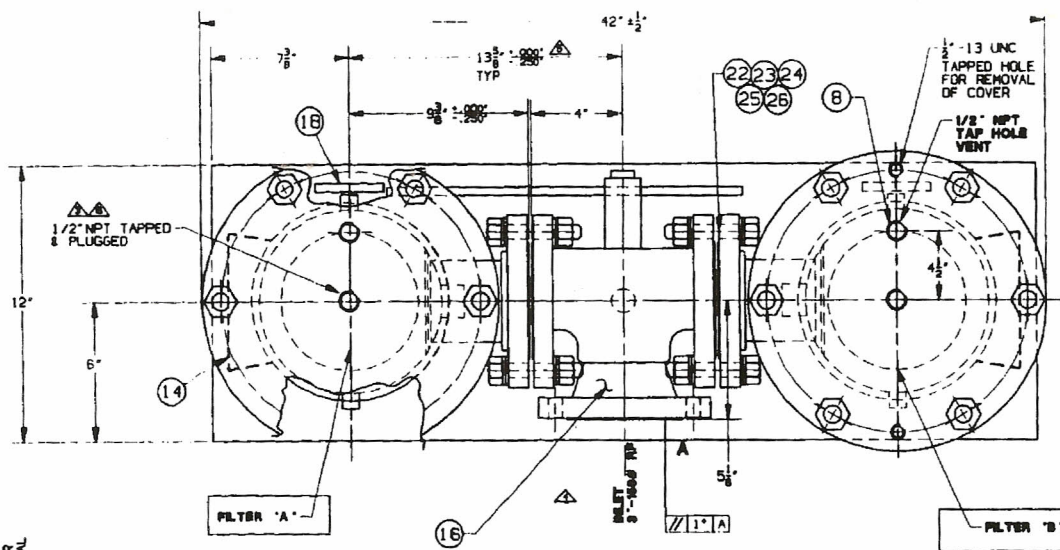
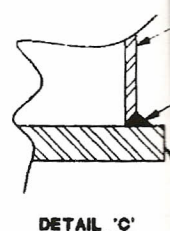
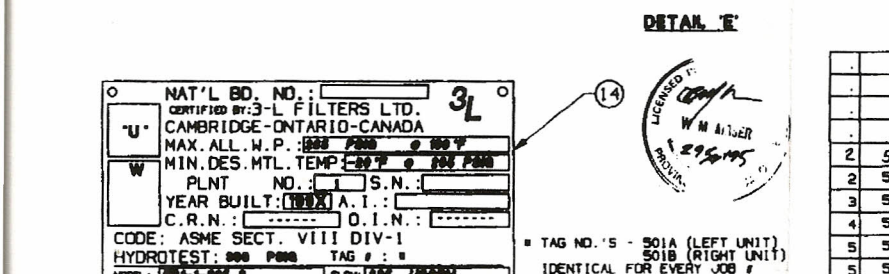
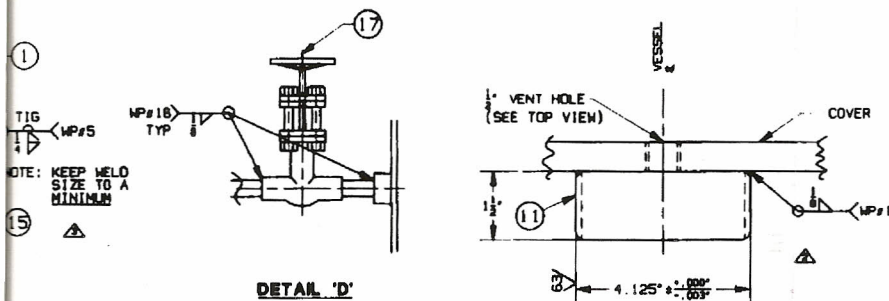
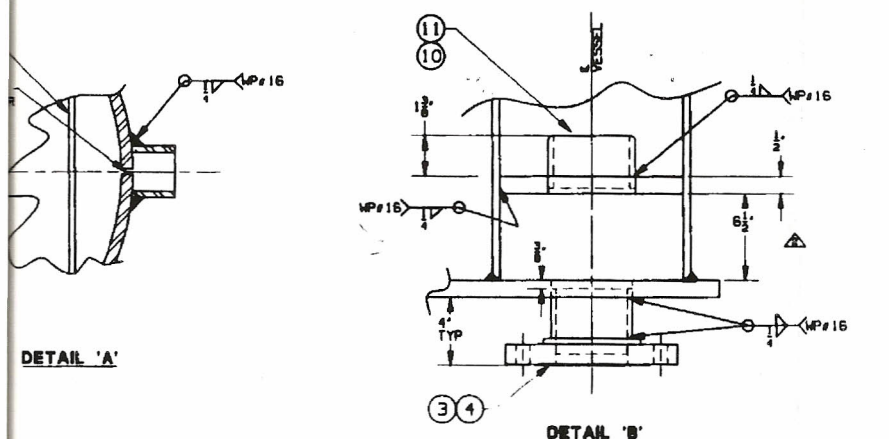
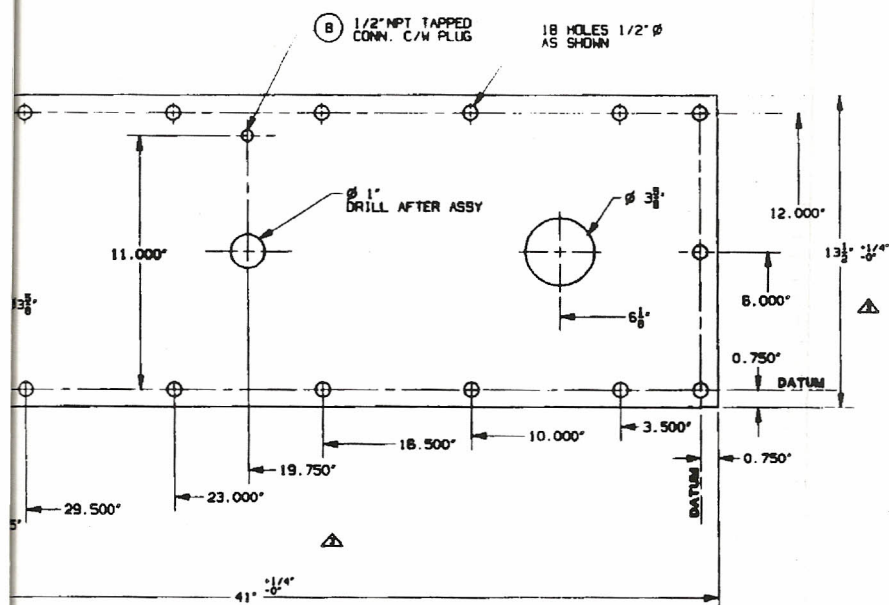




1/8" HOLE



DETAIL 'C'



BILL OF MATERIAL FOR ASS'Y			
ITEM	QTY	DESCRIPTION	MATERIAL
1	2	SHELL PIPE 10" SCH-20 X 45-1/2" LG	SA-53-B, ERW
2	2	INLET PIPE 3" SCH-40 X 4-3/4" LG	SA-53-B, ERW
3	2	OUTLET PIPE 3" SCH-40 X 4-1/8" LG	SA-53-B, ERW
4	4	INLET FLANGES 3"-150# WPS, STD FINISH	SA-105
5	2	CLOSURE ASS'Y 10"-275# Y800	DWG 900893-1
6	4	COUPLING 1/2"-3000# S.N. HALF	SA-105
7	4	COUPLING 1/4"-3000# NPT HALF	SA-105
8	3	PLUG 1/2" NPT-3000# SO. HEAD	SA-105
9	2	PLUG 1/4" NPT-3000# SO. HEAD	SA-105
10	2	CARTRIDGE PLATE	DWG A2402
11	4	SOIL	DWG A2367
12	2	CARTRIDGE PALL #300H	
13		DRIT	
14	2	MHE PLATE ASS'Y #A1973-1	DWG A1973
15	1	MOUNTING PLATE 1" X 13-1/2" W X 41" LG	SA-516-70
16	1	VALVE 3"-150# RF, STD FINISH	XMOX
		FIG 037-AF 3-WAY C. STEEL BODY	
		SS-304 PLUG PIPE SLEEVE, C/W WRENCH	
17	3	BALE VALVE 1/2" SN SCH-40 BORE, 800#, APPROX. SA-105 REL. APPROX. 285#-427#	
18	2	PRESSURE GA. ASHCROFT 0-300 PSI, 2.5#, 1/4" NPT BACK, MOD. 25-1000-AH-028	
19	1	DRAIN PIPE 1/2" S-40 X 8-7/8" LG APPROX. CUT TO SUIT	SA-312-TP304, M.D.
20	2	CROSS PIPE 1/2" S-40 X 8-1/4" LG APPROX. CUT TO SUIT	SA-312-TP304, M.D.
21	4	DRAIN PIPE 1/2" S-40 X 2-1/2" LG APPROX. CUT TO SUIT	SA-312-TP304, M.D.
22	2	GASKET 3"-150# RF FLEXITALLIC, STD. THR.	SS-304/GRAPHITE
23	8	SOIL 5/8" UNC X 4" LG	SA-193-87, PLATED
24	16	NUT 5/8" UNC HEX.	SA-193-24, PLATED
25	16	WASHER 5/8" NON	TYPE SS-304
26	16	LOCK WASHER 5/8" NON	TYPE SS-304
27	2	INLET Baffle FT. BAR 1/4" X 8 X 7.5" LG	C.S.
28	2	CROSS LINE Baffle FT. BAR 1/4" X 2 X 4" LG	C.S.
29	2	CLOSURE GASKET 275# X 11.41" N.D.	BUNA-R
30	1	TEE 1/2"-3000# S.N.	SA-105

- NOTES:
- FOR WELDING C.S. TO C.S. USE 3-L WELDING PROCEDURE WP#16 (NLT. WP#5 & #15)
 - VESSEL EXEMPT FROM IMPACT TEST PER US 20(1) AND UCS 66(e)
 - VESSEL IS DESIGNED TO ACCOMMODATE:
 - CARTRIDGE, PALL, MODEL: 800H QTY=2 PER ASSY P/N: 165A205FY-75
 - INSIDE VESSEL: SANDBLAST TO SPCC-SP8 & OIL SPRAY
 - OUTSIDE VESSEL: SANDBLAST TO SPCC-SP10
 - PAINT WITH TWO COATS INTERNATIONAL INTERGRAD EX SERIES/EX208 HIGH BUILD EPOXY (DFT 5-8 MILS) COLOUR: GRAY
 - VESSEL VOLUME: 2.2 CU. FT. APPROX.
 - VESSEL DRY WEIGHT: 385 LBS APPROX. ASS'Y DRY WEIGHT: 1055 LBS APPROX.
 - ALL UNLUBED NPT CONN.'S SHALL BE PLUGGED WITH SA-105 PLUGS
 - FLOX 225 LBS/PH OF TURBINE OIL.
 - HYDROTEST ASS'Y WITH P.D. & RUST INHIBITOR @ 80°F @ 385 PSIG FOR 30 MIN DRAIN & DRY WITH AIR AFTER HYDRO TEST, SANDBLAST & CLEAN THROUGHOUT WITH AIR. CLEANLINES HOLD PUMP FOR Q.C. INSPECTION.
 - NO RUST OR PARTICLES ALLOWED OIL SPRAY IMMEDIATELY AFTER.
 - FOR SHIPMENT PRESS. GA.'S MAY BE REMOVED AND SECURELY ATTACHED TO THE SKID WITH THE PROPER IDENTIFICATION.

NO.	REVISION
7	NAME PLATE INFO REVISED 20/08/94
6	TAPPED HOLE REVISED TO 1/2" PER SPEC. KAS 20/07/94
5	REVISED AS SHOWN N.E. 14/03/94
4	VALVE POSITION ROTATED 180° KAS 11/05/94
3	REVISED AS SHOWN 3/4" NPT TAPPED HOLE ADDED KAS 20/04/94
2	REVISED AS SHOWN N.E. 14/03/94
1	REVISED PER CUSTOMER REQ'T N.E. 20/02/94

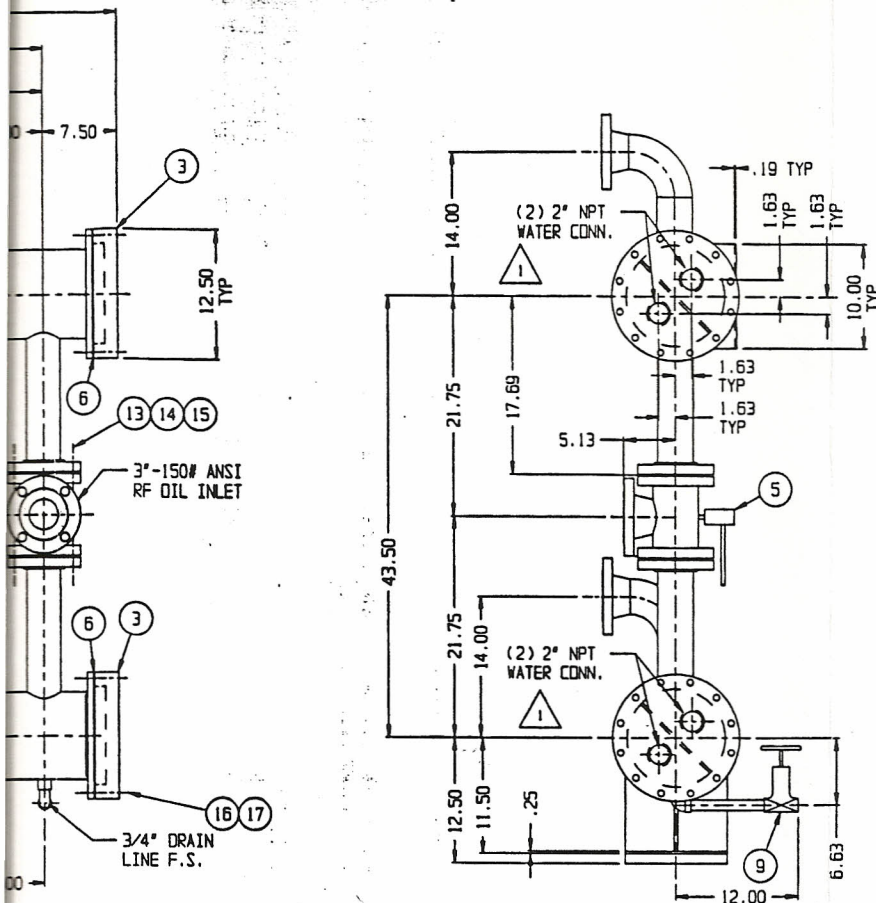
DESIGN SPECIFICATION			
CODE	: ASME SECTION VIII-DIV.1 1980 (ASD)		
DESIGN PRESS.	: 280 PSIG	MAX. ALLOW. N.P.	: 380 PSIG
DES. TEMP. MAX.	: 180° F	DES. TEMP. MIN.	: -20° F
CORR. ALLOW.	: NIL	X-RAY	: NO
HYDROSTATIC TEST	: 380 PSIG	STRESS RELIEF	: NONE
STAMP REQ'D	: "V"		
MATERIAL			
HEAD	: SA-516-70	SHELL	: SA-53-B, ERW
FLANGE	: SA-105	BOLTING	: SA-193-87/SA-194-24
PIPES	: SA-105B	GASKET	: BUNA-R O-RING

LUBE OIL DUPLEX SYSTEM			
FD1-1-266-3			
Q.E. PART #165A205RE-1			
DESIGNED BY:	DATE:	CHECK BY:	DWG. NO.:
N.E.	09/02/94		REV. NO.: 7
JOB NO.:	SCALE:	APPROVED BY:	D1266
STD			

NAT'L. BD. NO.: 3L
 CERTIFIED BY: 3-L FILTERS LTD.
 CAMBRIDGE-ONTARIO-CANADA
 MAX. ALL. W.P.: 280 PSIG @ 80°F
 MIN. DES. MTL. TEMP.: 180°F @ 180 PSIG
 PLNT NO.: S.N.:
 YEAR BUILT: 1994 A.I.:
 C.R.N.: O.I.N.:
 CODE: ASME SECT. VIII DIV-1
 HYDROTEST: 380 PSIG TAG #: 1
 MODEL: FDI-1-266-3 PLIN: 1225 LUBRO
 ELEMENT MODEL: 165A205RE-1 QTY: 1
 ELEMENT MODEL: O-RING PTFE 165A205RE-1 QTY: 1
 ELEMENT MODEL: QTY: 1
 A.P. CHANGE: PRODUCT LUBE/TURBINE OIL
 3-SHALE JET PAIL, 20-POUNDS ONLY WITH 1/2" STANDARD BULK BUMP
 1/2" BUMP/PAINTED UNDER LICENSE FROM 3-L FILTERS LTD. 3-L JET ONLY, USA

14
 TAG NO.'S - 301A (LEFT UNIT)
 301B (RIGHT UNIT)
 IDENTICAL FOR EVERY JOB

DIMENSIONAL TOLERANCES	
UNLESS OTHERWISE SPECIFIED	
-DECIMAL	(...) 0.010"
-FRACTIONAL	(...) 1/8"
-ANGLE	(...) 1/32°



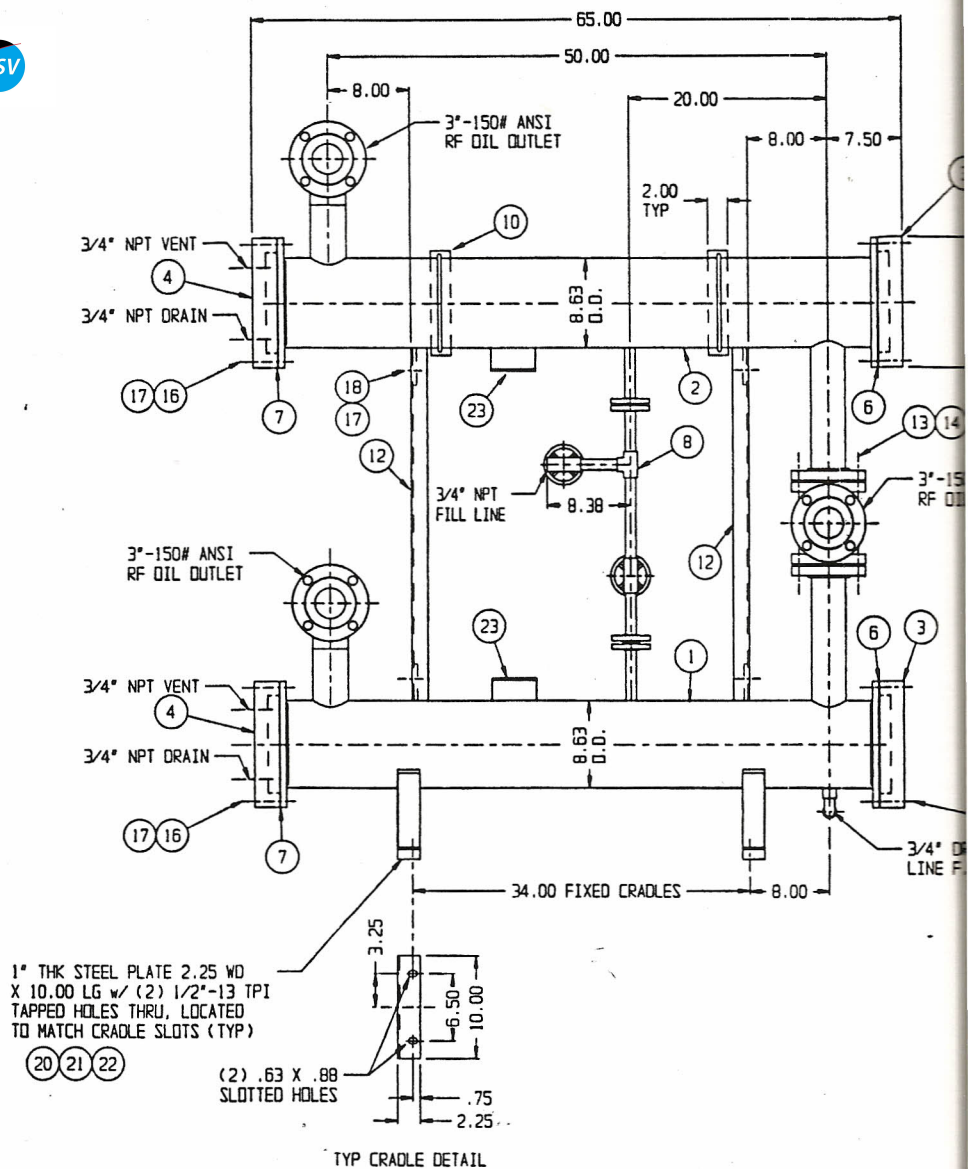
26	3	3"-150# SHIPPING KIT	.	.	A	11W20X03	95-0634
25	4	3" NPT PLUG	PLASTIC	.	.	.	95-0056
24	6	3/4" NPT PLUGS	STL	.	.	.	80-4024
23	2	NAMEPLATE	STN STL	.	.	.	95-5102
22	4	1/2" FLAT WASHER	STL	.	.	.	90-8024
21	4	1/2" HEX HEAD CAPSCREW X 1.25 LG (TFL)	STL	SA193-B7	.	.	90-2752
20	2	1" THK BLOCK	STL	.	A	4S159X8	4S159X8
19	.	.	.	.	.	.	.
18	4	1/2"-13 TPI STUD X 2.00 LG	STL	SA193-B7	.	.	90-0220
17	100	1/2"-13 TPI HEX NUT	STL	SA194-2H	.	.	90-0824
16	48	1/2"-13 TPI STUDS X 5.25 LG	STL	SA193-B7	.	.	90-
15	4	GASKET (INCLUDES 2 SPARES)	NON-ASB	.	B	010G01A-3	92-1003
14	16	5/8"-11 TPI HEX NUT	STL	SA194-2H	.	.	90-0836
13	8	5/8"-11 TPI X 4.25 LG	STL	SA193-B7	.	.	90-0338
12	2	SPACER SUPPORT	STL	.	B	20S29X8	20S29X8
11	.	.	.	.	.	.	.
10	2	CRADLE ASSEMBLY (MOVEABLE BRACKET)	.	.	B	4S50X8	95-9083
9	1	DRAIN PIPE ASSEMBLY	.	.	A	75K03P12	75K03P12
8	1	BY-PASS LINE ASSEMBLY	.	.	B	75K02P23	75K02P23
7	4	GASKET (QTY INCLUDES 1 SPARE FOR EACH)	NON-ASB	.	B	030G85A8	030G85A8
6	4	GASKET (QTY INCLUDES 1 SPARE FOR EACH)	NON-ASB	.	B	031G45A8	92-2726
5	1	XOMAX 3-WAY 3"-150# MODEL #037-AX, TFE SEAT, LEVER OPER.	.	.	.	.	82-2066
4	2	REVERSE BONNET ASSEMBLY	.	.	A	130364E8	130364E8
3	2	IN/OUT BONNET ASSEMBLY	.	.	A	120395E8	120395E8
2	1	UPPER CORE ASSEMBLY	.	.	B	50A48C08060	50A48C08060
1	1	LOWER CORE ASSEMBLY	.	.	B	50A47C08060	50A47C08060
ITEM NO.	QTY PER	DESCRIPTION	MAT'L.	SPECIFICATION	DWG SIZE	DRAWING NO.	PART NO.

PARTS LIST

GE DWG # 101A458RF-4
TOP UNIT CLR500A
BOTTOM UNIT CLR500B

4	.	.	.	TWIN OIL COOLERS SIZE: 08060 TYPE: 5	BASCO Division		AMERICAN PRECISION INDUSTRIES INC.	SIZE	DRAWING NUMBER	R
3	.	.	.							
2	.	.	.							
1	COMPLETED PARTS LIST, WATER CONNS WERE 3"	TR	7/17/97							
NO.	REVISION	BY	DATE	BY: TR	DATE: 7/8/97	CHKD: TFR	DATE: 7/8/97	C	52A02A08060	1

A16747



NOTES:

- 1) TOLERANCES PER BASCO SPEC. 106-0201
UNLESS OTHERWISE NOTED.
- 2) ALL BOLT HOLES TO STRADDLE CENTERLINES.
- 3) UNIT SHOULD NOT BE SUPPORTED BY VALVE,
PIPING, OR NOZZLES WHEN LIFTING
TWIN ASSEMBLY.

DIMENSIONS & DATA CERTIFIED FOR		DESIGN DATA		SHELL	TUBE	GE DWG # TOP UNIT BOTTOM UNIT
CUST. ORDER	091H19716	DES. PRESS. P.S.I.G.	150	150		
OUR ORDER	E970273-301	TEST PRESS. P.S.I.G.	225	225		
BY <u>SKO</u>	DATE 7-17-97	DES. TEMP. -F	20/300	20/300		
		CODE: ASME SECT.8, DIV.1 TEMA-C				