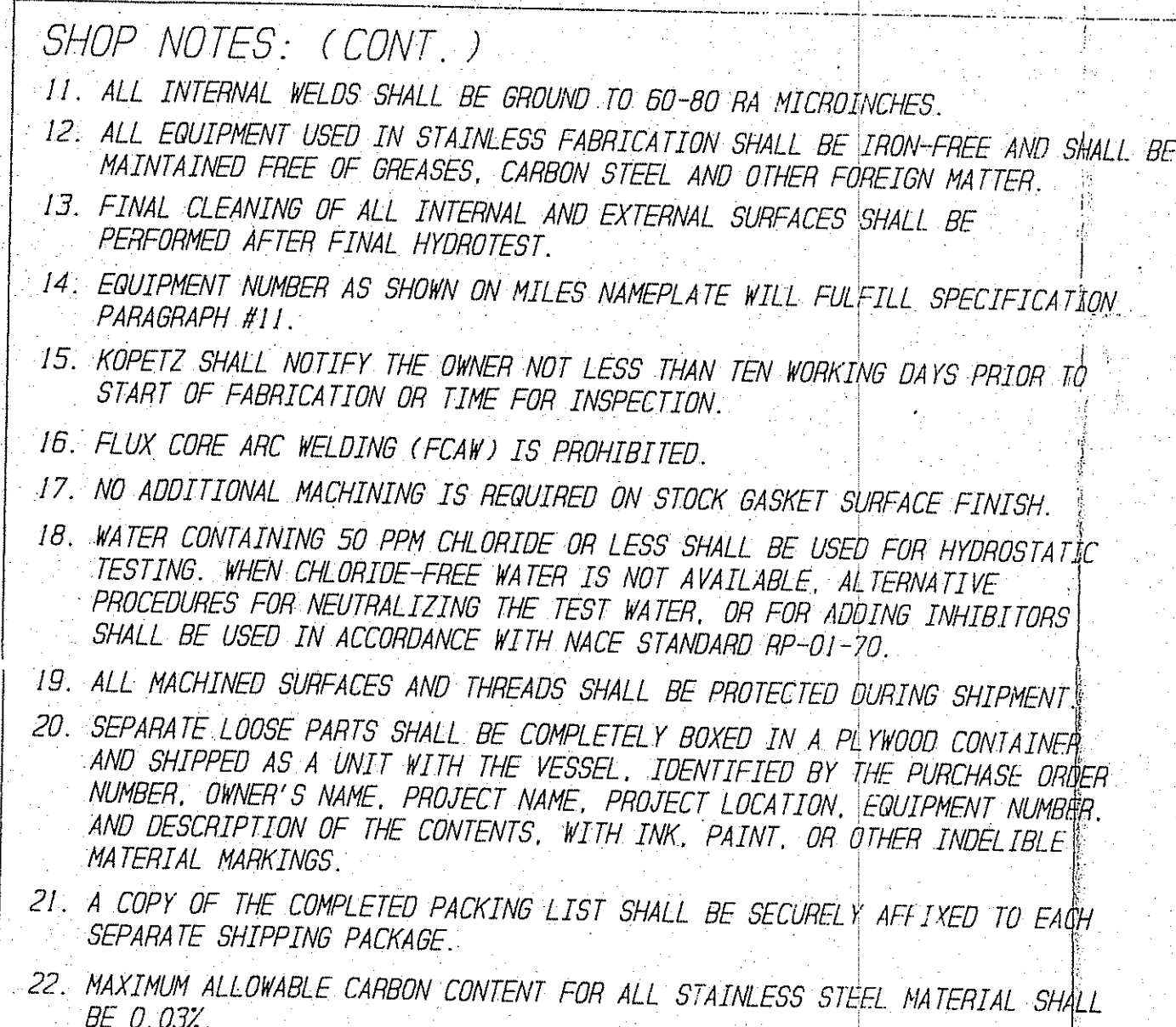
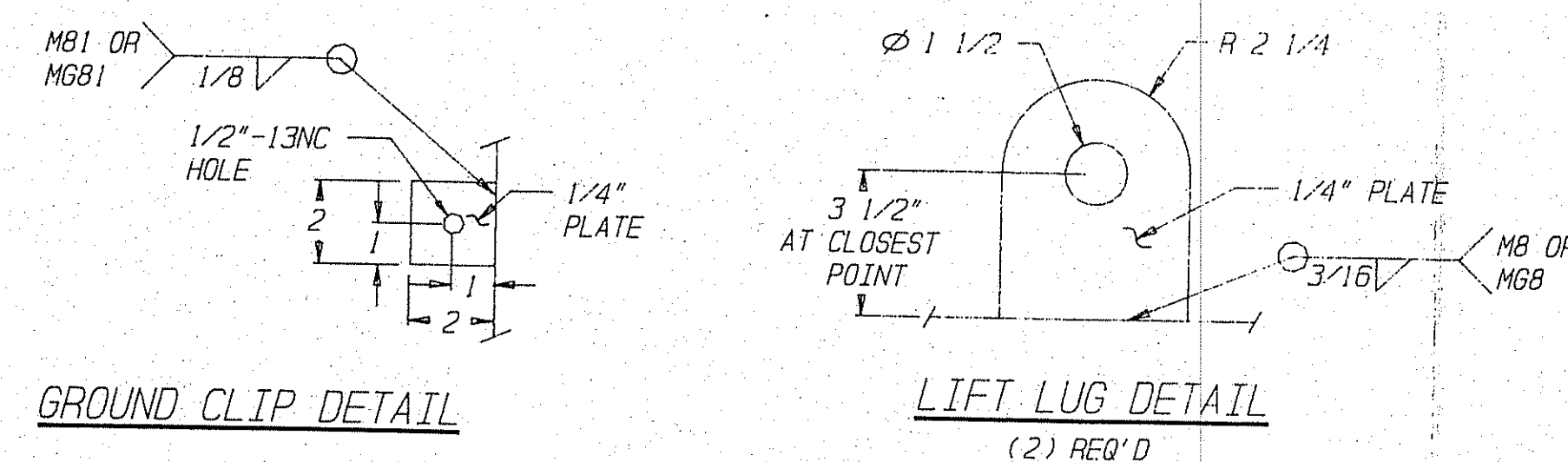
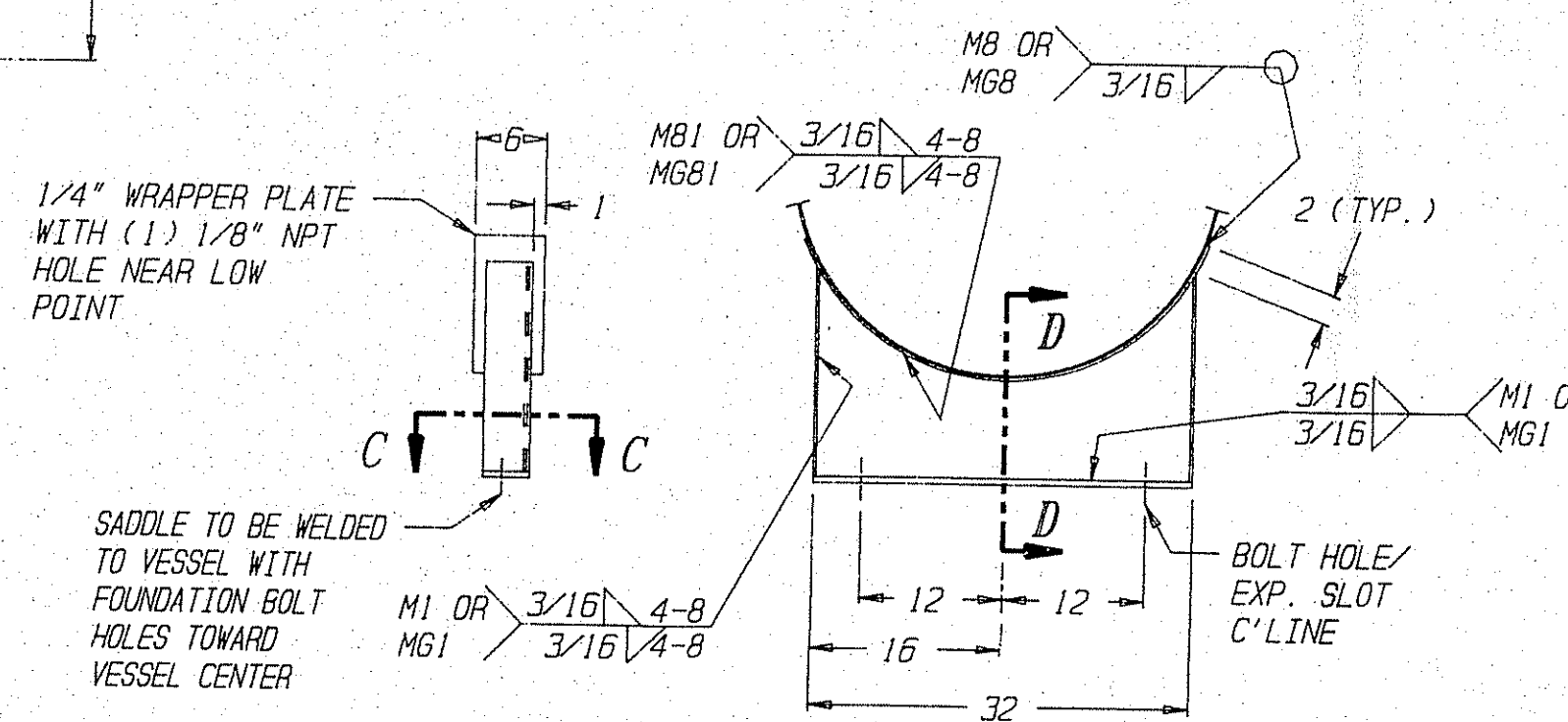
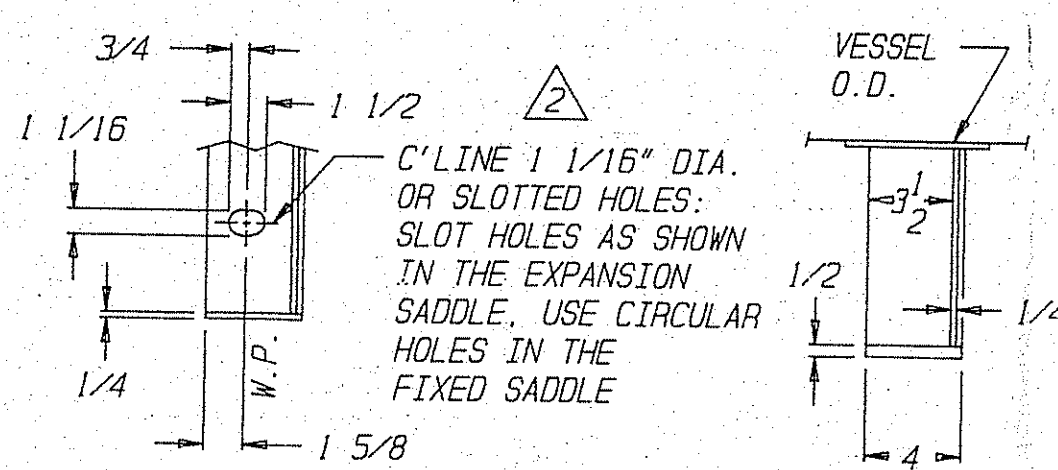




FINAL WELD INSPECTION	
DATE	
CODE U W RT3	NAT'L B
CERTIFIED KOPETZ MFG. DECATUR, ILL.	
SER. NO. 94031	YEAR 1994
M.A. W.P.I. P.S.I.G. DESIGN TEMP. °F.	SHELL 3 EXT. 12 IN. JKY. 392
MDMT JKT.	-4 °F 3 EXT. 15 IN.
MDMT SHELL	°F
MDMT TUBE	°F
NAMEPLATE DET	

MATERIALS OF CONSTRUCTION		
	VESSEL OR SHELL SIDE	JACKET OR TUBE SIDE
SHELL: FACER/LINER	SA-240-316	
HEADS	SA-240-316	
SADDLES	SA-36	
SADDLE WRAPPER PLATE	SA-240-316	
NOZZLE FLANGES	SA-182-316	
NOZZLE NECKS	SA-312-72316	
MANWAY NECK	SA-240-316	
MANWAY FLANGE & COVER	SA-516-70	
HINGES	SA-516-70/C.S.	
HANDLE	SA-36	
INVEPLATE BRACKET	SA-240-304L	
INSULATION SUPPORTS	SA-240-304L SA-479-304L	
WEIR	SA-240-316	
BASKETS	1/8" THK. GYLON 3510	
LIFT LUGS	SA-240-316	
GROUND CLIP	SA-240-316	
EXT. BOLTS	SA-193-87	
NUTS	MECHANICALLY GALVANIZED PER ASTM B605-85 SA-194-2H CLASS 50 THICKNESS, W-TYPE II YELLOW CHROMATE	

DESIGN CONDITIONS			
DESIGN PRESS.	15 PSIG	3 PSIG VAC	PSIG
DESIGN TEMP.	-40/382 F.	-20/200 °C	VAC °F
OPERATING PRESS.	4 IN. V.C.	-8 IN. V.C.	PSIG
OPERATING TEMP.	104/158 F.	40/70 °C	VAC °F
CORR. ALLOW.	NONE		
CODE (1892 W/ 92 AD.)	ASME BOTTLER & PRESSURE VESSEL CODE, SECTION VIII, DIV. 1		
CODE STAMP	NATIONAL BOARD BY KEMPER NATIONAL INSURANCE COMPANIES		
STRESS RELIEF	NONE		
RADIOGRAPH	SPOT X-RAY LONGSEAM (1) REPT'D		
JOINT EFF.	0.85		
HYDRO TEST	TEST HORIZ. AT 25 PSIG MIN. AT TOP		
SG. GR. CONTENTS	1.0.		
M.O.M.F.L.	+ 4 AT 3 PSIG EXT./15 PSIG INT.		
M.A.W.P.	3 PSI EXT./15 PSI INT./382 F.		
CAPACITIES AND WEIGHTS			
OPERATING CAP.	30 GAL.		12 CU. FT.
FULL CAPACITY	220 GAL.		35 CU. FT.
EMPTY WEIGHT	1,200 LBS.	FULL H ₂ O	3,370 LBS.
OPERATING WT.	1,951 LBS.	FULL PROD.	3,370 LBS.

GENERAL NOTES

1. BOLT HOLES TO STRADDLE SHOWN CENTERLINES. (0-180 & 90-270) IMPACT TEST FABRICATOR TO PROVIDE PROTECTIVE SHIELDS FOR ALL FLANGES AND OPENINGS.
2. FABRICATOR SHALL PROVIDE GASKETS, BOLTS AND HEX NUTS FOR ALL MATING PARTS INCLUDING BLIND FLANGES WHERE NOTED.
3. SPARE SET OF GASKETS IS REQUIRED.
4. INDICATE MACHINE FINISHED SURFACES IN MICROINCHES WITH ANSI SYMBOL. e.g.: 125/63, ETC.
5. INSULATION SUPPORTS ARE REQUIRED.
7. SURFACE PREPARATION (C.S.) SSPC-SP10, COMMERCIAL BLAST CLEANING, SURFACE PROFILE RANGE SHALL BE 1.5 TO 2.5 MILS.

8. PAINTING PRIME WPPG UC-65/47, 2 TO 4 MILS DFT; SEAL WPPG UC-5567, 3 TO 4 MILS DFT; FINISH WPPG UC-59630, 2-3 MILS DFT.

9. LIST OF ALL MILES STANDARDS AND SPECS. 9.2.1, 9.2.2, 15.1.1, 15.1.10, 15.2.2, 15.3.4, 15.4.1, 15.5.1, 15.9.1 & LOCKWOOD GREENE SPEC P-02C
10. KOPETZ MFG. WELD PROCEDURES MI, MGI, M81, M81B, M81C, M81, M8B

						UNIT	TYPE	DATE
N	I	1"	150#	R.F.S.O.	DRAIN W/BLIND			
N	I	1"	150#	R.F.S.O.	DRAIN W/BLIND			
K	I	2"	150#	R.F.S.O.	LEVEL SWITCH - LOW			
K	I	3"	150#	R.F.S.O.	DISARGE W/BLIND FLANGE			
J	I	2"	150#	R.F.S.O.	VENT			
H	I	18"	MAMP	FF PLATE	SHELL HANWAY			
G	I	1 1/2"	150#	R.F.S.O.	OUTLET			
F	I	2"	150#	R.F.S.O.	TEMPERATURE GAUGE			
E	I	2"	150#	R.F.S.O.	INLET			
D	I	2"	150#	R.F.S.O.	INLET			
C	I	2"	150#	R.F.S.O.	LEVEL SWITCH - HIGH			
B	I	3"	150#	R.F.S.O.	RELIEF VENT			
AL A2	2	3"	150#	R.F.S.O.	LEVEL TRANSMITTER			
MARK	NO	SITE	2310M	1230M				

[illegible]

MFR. NAME <u>KOPETZ MFG. INC.</u>			
STREET / P.O. BOX <u>1500 N. COUNTRY CLUB ROAD</u>		CITY <u>DECATUR</u> STATE <u>IL</u> ZIP <u>62521</u>	
TELEPHONE A.C. <u>(217) 422-5638</u>		FAX <u>(217) 425-4921</u>	
ENGINEERING CONTACT <u>AL POTE, CHIEF ENGINEER</u>			
S.D. NO. <u>94031</u>		MFR. DNG. NO. <u>L94-031-A</u> REV. <u>3</u>	
MILES			
ENGINEERING DEPARTMENT			
PRD'T. LOC. <u>BUSHY PARK, S.C.</u>		PRD'T. NO. <u>456</u> AREA <u>242</u>	
<u>36" O.D. x 4'-0" TL/TL</u> <u>DMAC/WATER BUFFER TANK</u> <u>ITEM NO. 0242-22-230</u>			
SCALE <u>AS NOTED</u>		<u>D83-242-M230-A</u>	
		REV. <u>(3)</u>	

DRAWING AND REVISIONS		NAME	INITIALS
NO.	DATE	DESCRIPTION	
0	2-8-94	ORIGINAL DRAWING	BY RMD
1	3-22-94	ADDED ASSET NO.. DELETED NOZ. "02" & "E2". DESIGN TEMP. WAS -20 DEG.. NOZ. "B" ON HOLD. UPDATED ELEVATION VIEW. VIEW A-A, AND VIEW B-B PER MILES COMMENTS. ADDED NOZ. "M" & "N". DISTANCE TO FIXED SADDLE WAS 15 1/2"	CHKD. DCZ JAP
2	4-22-94	SWITCHED A2 & 6 LOCATIONS; MOVED H UP 1" TO CLEAR; CORRECTED STAMP MIN. THKS.; REVISED WEIR WELD; MOVED N LEFT OF SADDLE; CORRECTED HOLE-TO-HOLE DIM. & NOTE IN SADDLE DETAIL. NOTE: (C) (N) (V) ARE OK TO FAB!	APPD. DCZ JAP
3	5-17-94	MOVED "6" TO BOTTOM SHELL; CORRECTED LIFT LUG ANGLE DIM.	JAP
DOCUMENT NO. _____		TITLE _____	

		MILES INC. PITTSBURGH, PA.	
VESSEL		NATIONAL BOARD NO.	
EQUIP. MFR.	KOPETZ MFG., INC.	MFR. S/N	94031
MILES P.O. NO.	1542-0747 (SUITT)	ORDER DATE	1 20 94 YEAR BUILT
MILES ASSET NO.	0022208700	VESSEL	
		JACKET/COIL	
MILES INSP. STAMP		PRESS.	TEMP.
		3 EXT 15 INT.	392
		MAT'L S. OF CONST.	
		316 S.S.	
		TOTAL CAPACITY	
		240 GALS.	
	ORIG. NOM. THKS.	MIN. ALLOW. THKS.	
SHELL	3/16	.0765	
HEADS	1/4	.0625	
	SPECIAL NOTES	ITEM 0242-22-230	

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