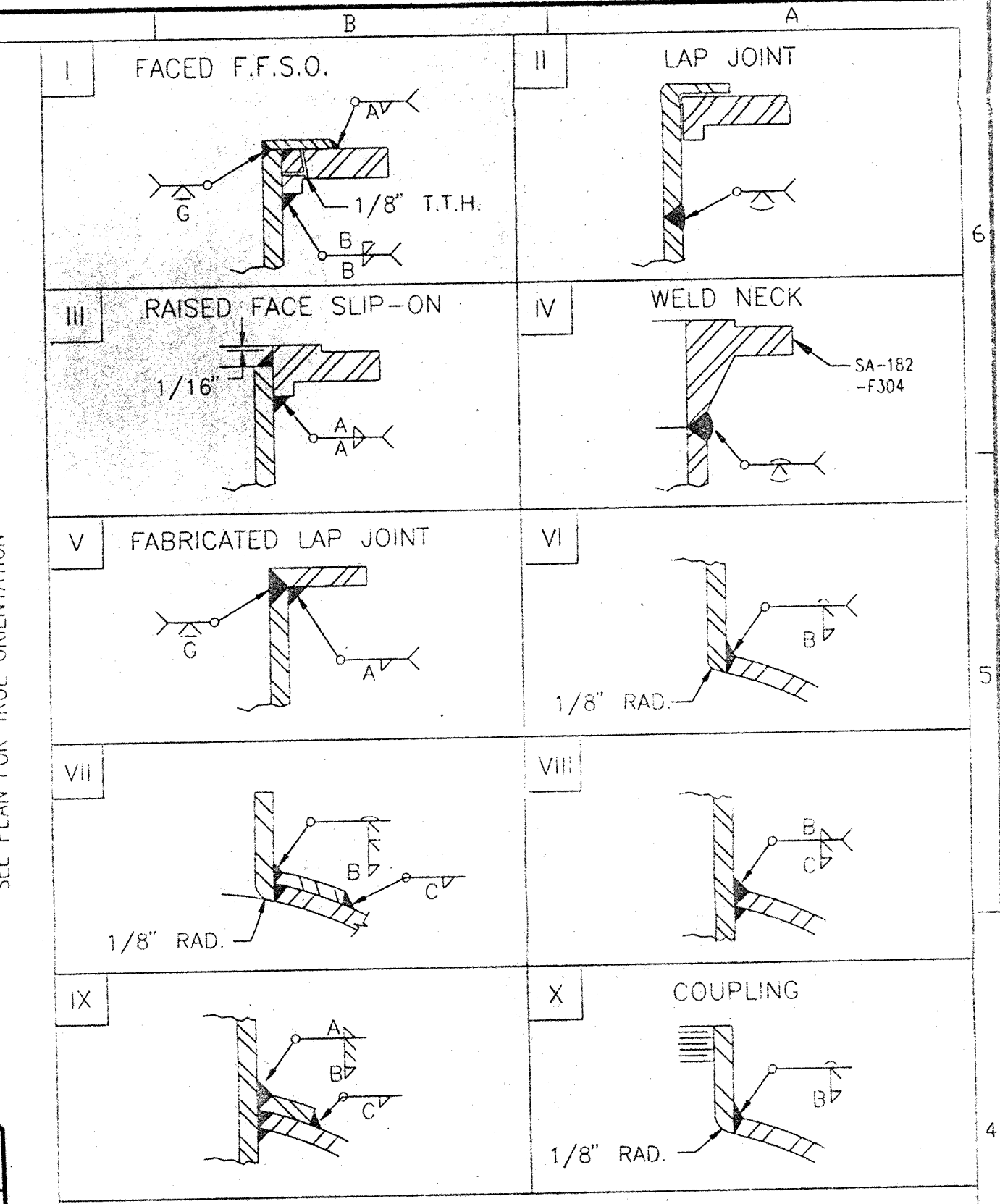
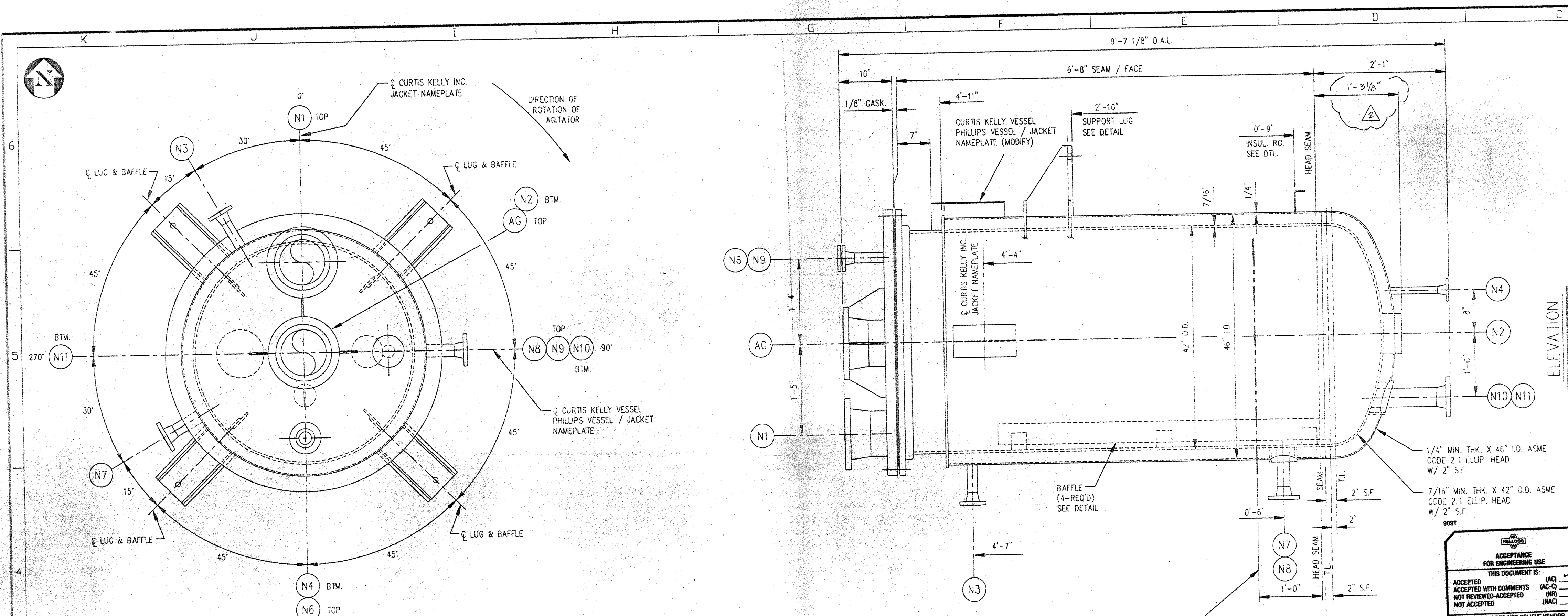




WELD PROCEDURES 62, 62B, 62E, 69, 640, 74, 80, 84 & 173

SPECIFICATIONS

CONSTRUCTION CODE	ASME SECT. VIII, DIV. 1, 1992 EDITION, 1993 ADD
YEAR BUILT 1995	M.A.W.P. 50 PSIG @ 325°F
SERIAL NO. 1276	NATIONAL BD. NO. NOT REQ'D
DESIGN PRESSURE INTERNAL 14.3	PSIG @ TEMP. 30/325 °F MIN/MAX
DESIGN PRESSURE EXTERNAL 80	PSIG @ TEMP. 30/325 °F MIN/MAX
HYDRO PRESSURE INTERNAL 85	J.E. SHELL 100%
CORROSION ALLOWANCE NONE	J.E. HEADS 100%
RADIOGRAPHY RT-1	STRESS RELIEVE NOT REQ'D
SHELL MATL. SPEC SA-240-304	HEAD MATL. SPEC SA-240-304
FLANGE MATL. SPEC SA-182-F304/SA-105	CPLG MATL. SPEC N/A
PIPE MATL. SPEC SA-312-TP304 (SMLS)	BW FIT. MATL. SPEC SA-403-WP304
REPAID MATL. SPEC SA-516-70	STRUC. MATL. SPEC SA-240-304
GSK. MATL. SPEC	FLG. STUD. SPEC SA-193-B7 (A.V.)
	FLG. NUT SPEC SA-194-2H (A.V.)

GASKET DESC.	FLEXITALIC "FLEXICARB" STYLE "CG" FOR 8" AND BELOW
	FLEXITALIC "FLEXICARB" STYLE "CG" FOR 10" AND ABOVE
	BODY FLANGE 1/3" THK. VIRGIN WHITE TEFLON
INSULATION DESC.	4" (HOT) - BY OTHERS
INSPECTION BY	OLD REPUBLIC INSURANCE CO. & CUSTOMER
SANDBLAST	FLANGE AND BLIND ONLY PER EXE-50555
PAINT	FLANGE AND BLIND ONLY PER EXE-50555

CURTIS KELLY, INC.

14875 WATERLOO HOUSTON, TEXAS

DESCRIPTION: 42" O.D. X 6'-8" SEAM / FACE W/ 46" I.D. JACKET LIQUID ADDITIVE MELTING DRUM
ITEM: 95-5079

CUSTOMER	M.W. KELLOG CO. / PHILLIPS SUMIKA POLYPROPYLENE CO.
SCALE	1" = 1'-0"
DRAWN	R. GRAY
CHECK	GRIF.
APVD	GHL
P.O. No.	6014-0201-D413-02
FILE NO.	4646
DWG. NO.	4646-1276
REV.	2

CERTIFIED BY:
CURTIS KELLY INC.
HOUSTON, TEXAS

MAX. ALLOW. WORK. PRESS. 80 P.S.I. AT 325 °F
MIN. DESIGN METAL TEMP. 30 °F AT 80 P.S.I.
SERIAL NO. 1276 DATE 1995 WT. #
MAX. TEST PRESS. 137 P.S.I. D.D. 46 1/2"
SHELL THK. 3/16" HD. THK. 1/2" MIN. ITEM No. 95-5079
P.D. NO. 6014-0201-D413-02
EXT. PRESS. 15 PSIG @ 325°F

JACKET NAMEPLATE

DESIGN PRESSURE 80 PSIG JACKET CORR. ALLOW. 0"
DESIGN TEMPERATURE 325 °F JACKET EXT. PRESS. 15 PSIG
OPERATING PRESSURE 40 PSIG M.A.W.P. = 80 (LIMITED BY DESIGN)
OPERATING TEMPERATURE 284 °F JACKET MATERIAL: SA-240-304
HYDROSTATIC TEST PRESSURE 137 PSIG JACKET HEAD MATL. SA-240-304
JOINT EFFICIENCY: SHELL 85% HEAD 100% PIPE: SA-312-TP304 (WLD)

NOTES:
1. Flange bolt holes to straddle vessel centerlines unless otherwise noted.
2. Drill & tap 1/4" tee hole in reinforcing pad.
3. Outside projection shown in the nozzle schedule is from the vessel O.D. unless otherwise noted.
4. Inside projection shown in the nozzle schedule is minimum only.
5. All tail dimensions are from the reference line.
6. Plywood covers over plastic (waterproof) flange covers with bolts in every other hole (4 min) for all nozzles without blind flanges.
7. Vessel to be drained and cleaned before shipment.
8. All discolorization due to grinding & welding shall be from the process contacting surfaces.
9. Two spare gaskets for body flg.; two spare gaskets for all blinded flgs. & "AG".

CERTIFIED BY:
CURTIS KELLY INC.
HOUSTON, TEXAS

MAX. ALLOW. WORK. PRESS. 50 P.S.I. AT 325 °F
MIN. DESIGN METAL TEMP. 30 °F AT 50 P.S.I.
SERIAL NO. 1276 DATE 1995 WT. 4870 #
MAX. TEST PRESS. P.S.I. 85 D.D. 42"
SHELL THK. 3/16" HD. THK. 1/2" MIN. ITEM No. 95-5079
P.D. NO. 6014-0201-D413-02

NAMEPLATE MOUNTING BRACKET DETAIL (FOR JACKET ONLY)

NUMBER	REFERENCE DRAWINGS	DESCRIPTION	BY	CHK	DATE
0		ISSUE FOR APPROVAL	RG	GHL	4-28-95
1		ISSUE FOR CONSTRUCTION	RG	GHL	5-23-95
2		AS NOTED	RG	GHL	5-23-95

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MARK	NO.	SERVICE	SIZE	RATING	TYPE	WALL	LG.	MAT'L.	THK. X WD.	MAT'L.	O.S.	I.S.	WELD DETAIL	WELD SIZE	NOTES
AG	1	AGITATOR	8"	150#	R.F.W.N.	STD.	6 1/2"	SA-312-TP304	3/8" X 3 3/4"	SA-516-70	SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N11	1	LT. CONN.	4"	150#	R.F.W.N.	STD.	15 5/8"	SA-312-TP304			SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N10	1	DRAIN	2"	150#	R.F.W.N.	STD.	15 5/8"	SA-312-TP304			SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N9	1	SPARE	2"	150#	R.F.W.N.	STD.	8"	SA-312-TP304			**	FLUSH	IV	VI	SEE DETAIL
N6	1	TE CONN.	2"	300#	R.F.W.N.	STD.	8"	SA-312-TP304			**	FLUSH	IV	VI	SEE DETAIL
N7	1	TI CONN.	2"	300#	R.F.W.N.	STD.	8"	SA-312-TP304			SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N6	1	VENT	1"	150#	R.F.W.N.	STD.	10 3/4"	SA-312-TP304			**	FLUSH	IV	VI	SEE DETAIL
N4	1	COND. OUTLET	1 1/2"	150#	R.F.W.N.	STD.	5 11/16"	SA-312-TP304			SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N3	1	STEAM INLET	3"	150#	STUD. OUT.			SA-312-TP304			SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N2	1	LIQUID OUTLET	3"	150#	R.F.W.N.	STD.	6 1/2"	SA-312-TP304	1/2" X 1"	SA-516-70	SEE ELEV.	FLUSH	IV	VI	SEE DETAIL
N1	1	POWDER INLET	8"	150#	R.F.W.N.	STD.	6 1/2"	SA-312-TP304	1/2" X 1"	SA-516-70	SEE ELEV.	FLUSH	IV	VI	SEE DETAIL

