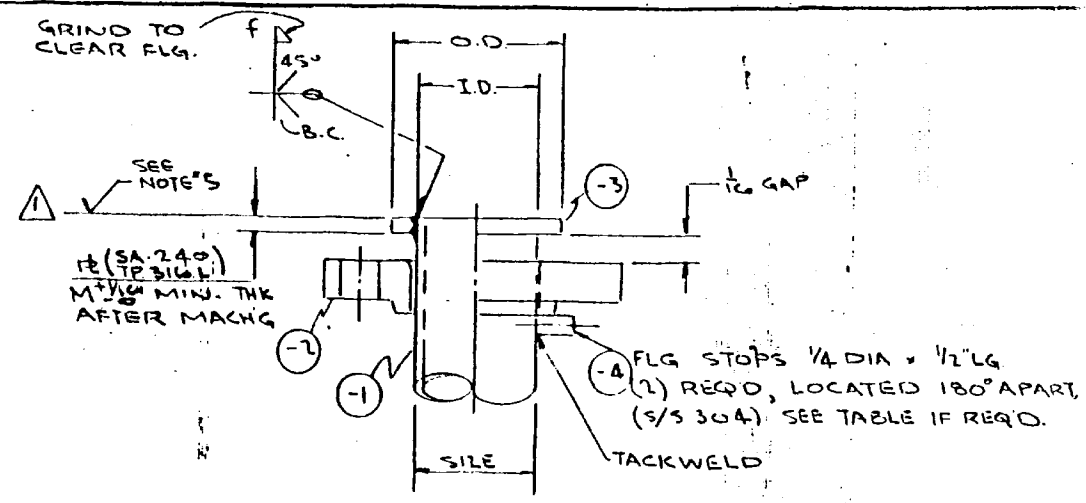
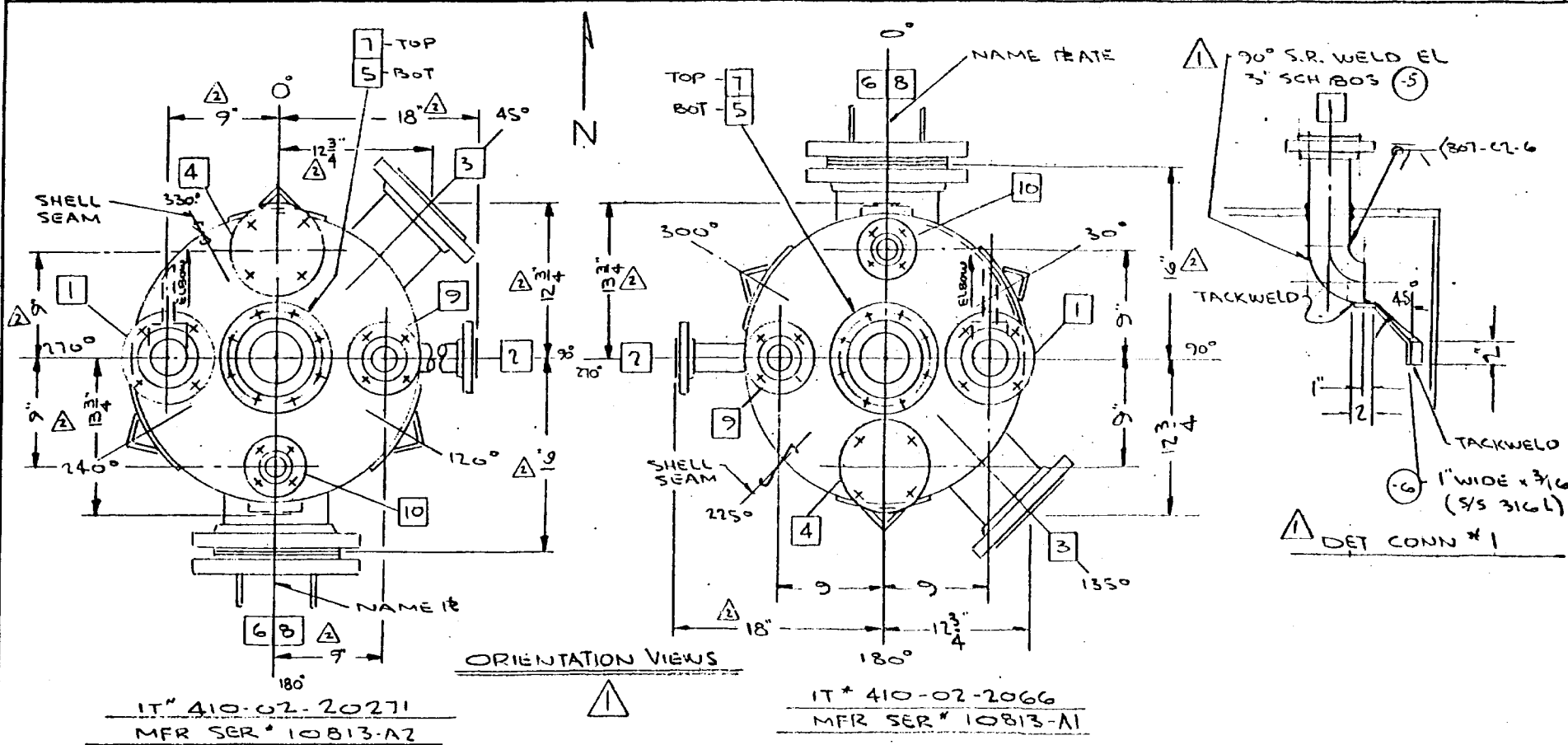
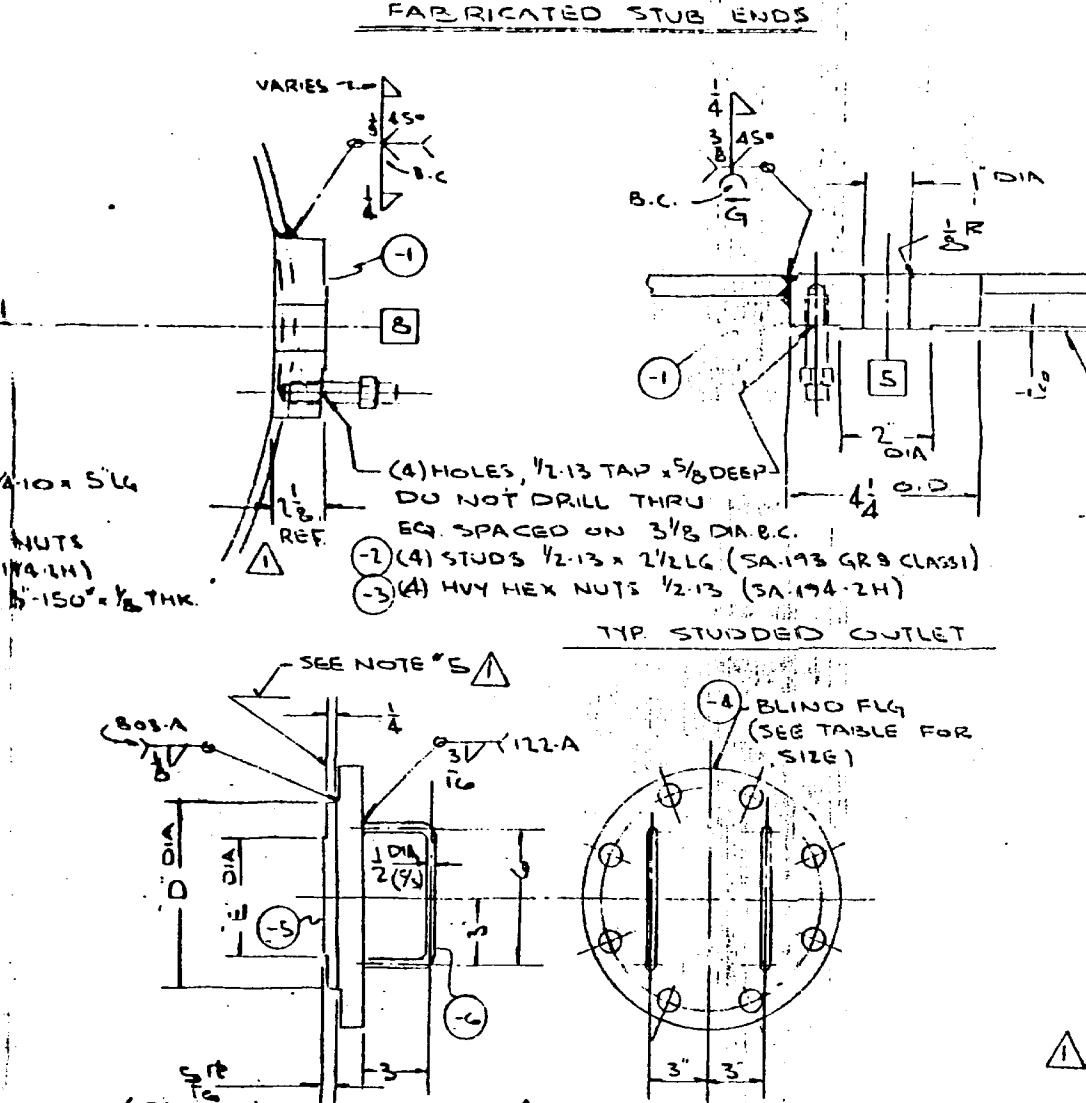
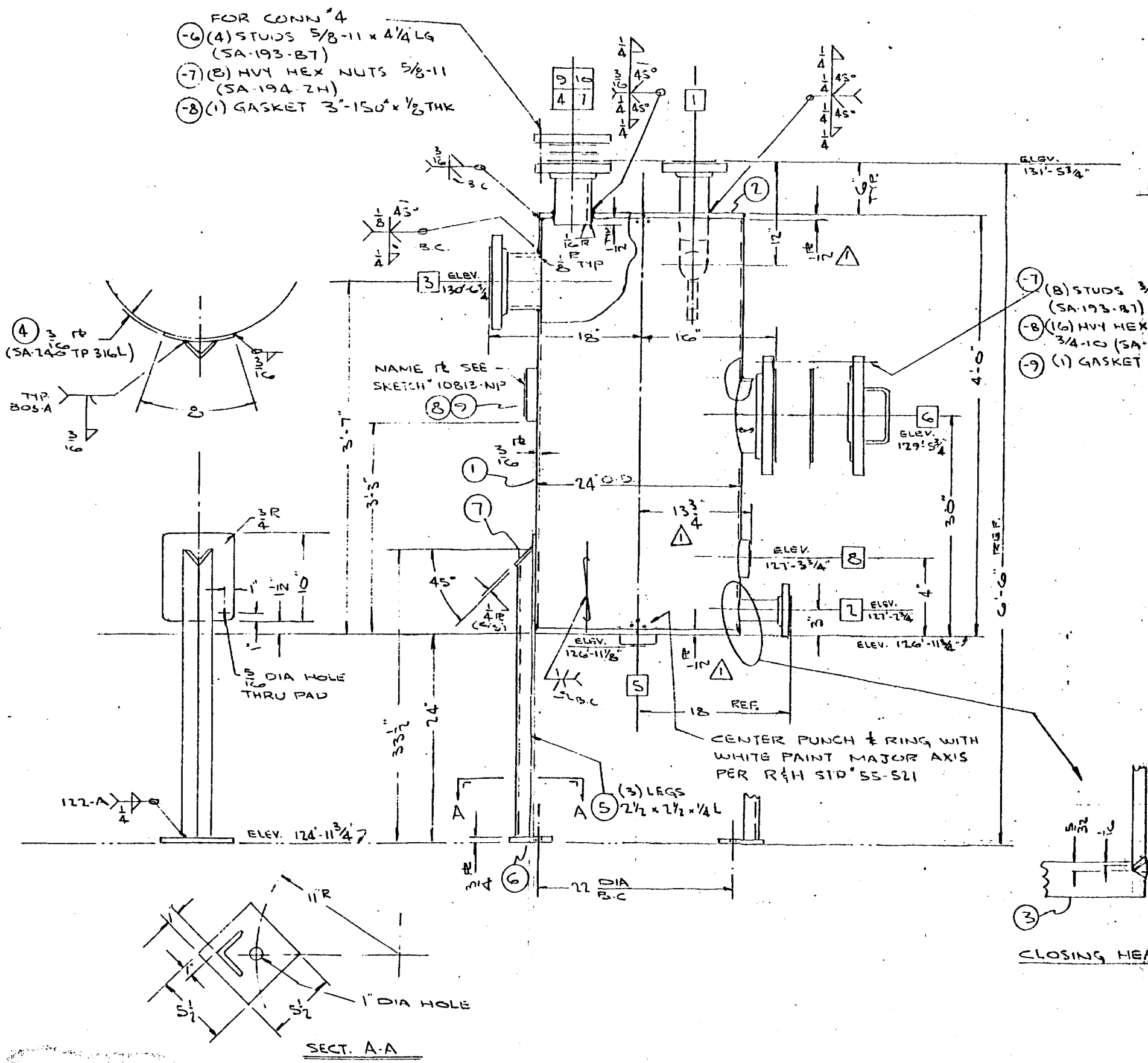




MARK	SIZE	FE	RING	1.0. x	O.D.	M. MIN	f	FLANGE STOPS
4	3" SCH 40S	3/8	3 3/8	x 5	.216	1/4		(2) REQ'D
7	2" SCH 80S	1/4	2 1/4	x 3 5/8	.218	1/4		NONE
3	6" SCH 40S	1/2	6 1/2	x 8 1/2	.280	3/32		NONE
6	8" 3/16 IR	5/16	8 1/4	x 10 3/8	.188	3/16		NONE
7	4" SCH 40S	3/8	4 3/8	x 6 3/8	.137	1/4		(2) REQ'D
10	1 1/2" SCH 80S	1/4	1 3/4	x 2 3/8	.200	1/4		(2) REQ'D
9	2" SCH 80S	1/4	2 1/4	x 3 5/8	.218	1/4		(1) REQ'D
1	3" SCH 80S	1/2	3 3/8	x 5	.300	3/16		(2) REQ'D

NOZZLE SCHEDULE		
MARK	SIZE & RATING	SERVICE
1	3" SCH 80S 150° L.J. FLG	INLET
1	2" SCH 80S 150° L.J. FLG	RETURN
3	6" SCH 40S 150° L.J. FLG	OVERFLOW
4	3" 1" 150° PAD	SPARE W/BLIND FLG
5	1" 150° PAD	DRAIN
6	8" 3/16 IR 150° L.J. FLG	HANDHOLD W/BLIND FLG
7	4" SCH 40S 150° L.J. FLG	VENT
8	1" 150° PAD	SAMPLE
9	2" SCH 80S 150° L.J. FLG	LEVEL INDICATOR WATER INLET
10	1 1/2" 150° L.J. FLG	

DESIGN CONDITIONS		
CODE: ASME SECT VIII, DIV. 1 1980 EDITION TO SUM 1980 ADDENDA		
DATA		SHELL
CONTENTS:		
SERVICE	NON LETHAL	NON LETHAL
DESIGN PRESS. (INT.)	15 P.S.I.G.	P.S.I.G.
DESIGN TEMP.	212 °F	°F
SP GR	1.1	
DESIGN PRESS. (EXT.)	15 H2O VAC	
HYDRO TEST	2.5 P.S.I.G.	P.S.I.G.
CORROSION ALLOW.	0	
RADIOGRAPH	SPOT (SEE NOTE #2)	
JOINT EFF. SHELL	85%	
JOINT EFF. HEAD	100%	
HEAT TREATMENT	NONE	
MATERIALS		
SHELL	SA-140 TP 316L	
HEAD	SA-140 TP 316L	
NOZZLE NECK PIPE	SA-312 TP 316L (WELDED)	
FLANGE	SA-140 TP 316L	
FLANGE NOZZLE BLIND	SA-105 WITH SA-140 TP 316L LINER	
STUDDED OUTLET	SA-140 TP 316L	
FITTINGS WELDED	SA-140 TP 316L	
REINFORCING PAD		
STIFFENER	SA-140 TP 316L	
SUPPORT PLATE	SA-140 TP 316L	
STRUCT. PAD	SA-140 TP 316L	
INTERNAL		
NUT	SA-193-B7	SA-193 GR3 CL1
EXTERNAL BOLTING	SA-194-2H	
NUT	SA-194-2H	
COUPLING & FLUGS		
GASKET	COLLINE #1720	
TUBES		
TUBE SHEET		
BAFFLES		
SPACERS		
PASS PARTITION		



MARK	SIZE	DOH	EDA	HANDLES
4	3"-150°	5	2 3/4	NONE
6	8"-150°	10 3/8	7 1/2	(1) REQ'D

- NOTES:
1. 3/8 WELDS PER WPS # 801-A, 801-A2, OR 801-CLG WITH ER-316L OR E316L-16 WELD METALS.
 2. A TOTAL OF (4) RADIOGRAPHS, USING 17" x 4" FILM SHALL BE EXAMINED PER UW-32.
 3. EACH SPARE GASKET SHALL BE TAGGED WITH AR#, JOB#, ITEM# & NOZZLE.
 4. PAINT NORTH ARROW, IT, & P.O.# ON TOP OF VESSEL.
 5. ALL GASKET SURFACES TO BE CONTINUOUS SPIRAL PHONOGRAPHIC FINISH.

CERTIFIED CORRECT
PIERSOL PINE MFG. CO. INC.
MAY 27 1981

MASTER COPY

STANDARD NAME PLATE
PIERSOL PINE MFG. CO. INC.
ENGINEERS & ALLOY FABRICATORS
OAKS, PENNA. 19455
215-668-0600

MA.W.P. P.S.I.G. AT °F
MFR. SER. NO. BUILT TO
CUST. NO.

NATL BOARD NAME PLATE
NATL. BO. NO. 10813-AA
PIERSOL PINE MFG. CO. INC. 19455
ENGINEERS & ALLOY FABRICATORS
215-668-0600

MA.W.P. P.S.I. °F
MA.W.P. P.S.I. °F

MFR. SERIAL NO. BUILT TO
CUSTOMER NO.

SH. THK. NO. THK. RAD.
SH. THK. NO. THK. RAD.
THK.

VB-0020-0927

REF. ROHM & HAAS CO.
P.O. # P15-11072
DWG # 410-02-20266-1 REV. A
ITEM # 410-02-20271
PLANT: BAYPORT, TEXAS
AR # 80-701

REVISIONS

NO.	DESCRIPTION	BY	APPROV
1	ISSUED DIMENSIONS TO FABRICATOR		
2	REVISIONS PER APPROVAL DWG		

PIERSOL PINE MFG. CO., INC.
Engineers & Alloy Fabricators
FIVE BROWER AVE. P.O. BOX 5 OAKS, PENNA. 19455
FOR: ROHM & HAAS CO.
CENTRIFUGE SIPHON TANKS
70 GAL. (2) REQ'D

DATE: 2-11-81
SCALE: NONE
DRAWN: RMD
APPROVED: [Signature]
DWG. NO. 10813-AA REV. 2
SHEET OF 1