

ASME CODE INSPECTION	YES
CODE STAMP	YES
SPOT RADIOGRAPHED	NO
PARTIAL RADIOGRAPH	NO
FULL RADIOGRAPH	NO
CORR. ALLOW.	0"
TEMA CLASS	2" DEN

DESIGN DATA (MAX)	TUBE SIDE	SHELL SIDE
PRESSURE (PSIG)	RV OR 55	55
TEMPERATURE °F	300	350
MIN. DES. TEMP °F	20	20

HYDROSTATIC TEST (PSIG)	20	145
WELD SPEC. NO'S	SEE SUMMARY MAP	

MATERIAL SPECIFICATIONS

SCHEMATIC	C/S BLIND FLG. T304 S.S.L.
SHELL	10" SCH #10 (165) THK WLD PIPE
NOZZLE	10" X 4" SCH #10 S.S.L.
SHELL	10" SCH #5 (134) THK WLD PIPE

BAFFLES, TIE RODS & TUBE SPACERS	TUBE SIDE	SHELL SIDE
NOZZLE (PIPE)	SA-212 0.00	SA-212 0.00
NECKS	T-304 5/8	T-304 1/2
NOZZLE (FORGED)	SA-105 5/8	SA-105 3/4
FLANGES	SA-105 5/8	SA-105 3/4
TUBES 5/8" O.D. X 18 GA. (WELDED)	T-304 S.S.L.	SA-212 0.00
TUBE SHEETS 3/4" THK (NOM) IN SA-212 0.00		
BODY FLANGES SA-105 C/S		
BOLTING SA-193-B7 1/2 NUTS SA-193-B7 1/2		
GASKETS TEFLON		

GENERAL NOTES

- ALL WELDED CONSTRUCTION AS NOTED.
- ALL INT. WELDS A.S.M.E. CODE WELDED. PICKLED AND BRUSHED.
- ALL EXT. WELDS A.S.M.E. CODE WELDED. PICKLED AND BRUSHED.
- ALL STAINLESS SURFACES PASSIVATED.
- ALL CARBON STEEL TO RECEIVE ONE SHOP COAT OF PRIMER.
- ALL FLANGE BOLT HOLES TO STRADDLE CENTER LINES OF VESSEL EXCEPT AS OTHERWISE NOTED.

EST. WEIGHT (EMPTY) = 850 LBS
EST. WEIGHT (FULL OF H₂O) = 1150 LBS

FITTING SCHEDULE

MARK	SIZE	SCH.	RATING	DESCRIPTION	QUAN.
N-1	4"	10	150*	FLG. CONN., SEE DWG. D-ND-70 DET. 7.1	
N-2	2"			D-ND-71	
N-3	2"				
N-4	2"				

REFERENCE DWG'S

D-ND-70	NOZZLE DETAILS
D-91124	HEATEXCHANGER DETAILS
B-91114	SADDLE DETAILS
D-ND-71	NOZZLE DETAILS

114440

CUSTOMER: SOFIX CORPORATION

TAG NO. C-6031

PERRY PRODUCTS CORPORATION

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

DRN. 11

DATE 5/30/91

CHKD. JH-1

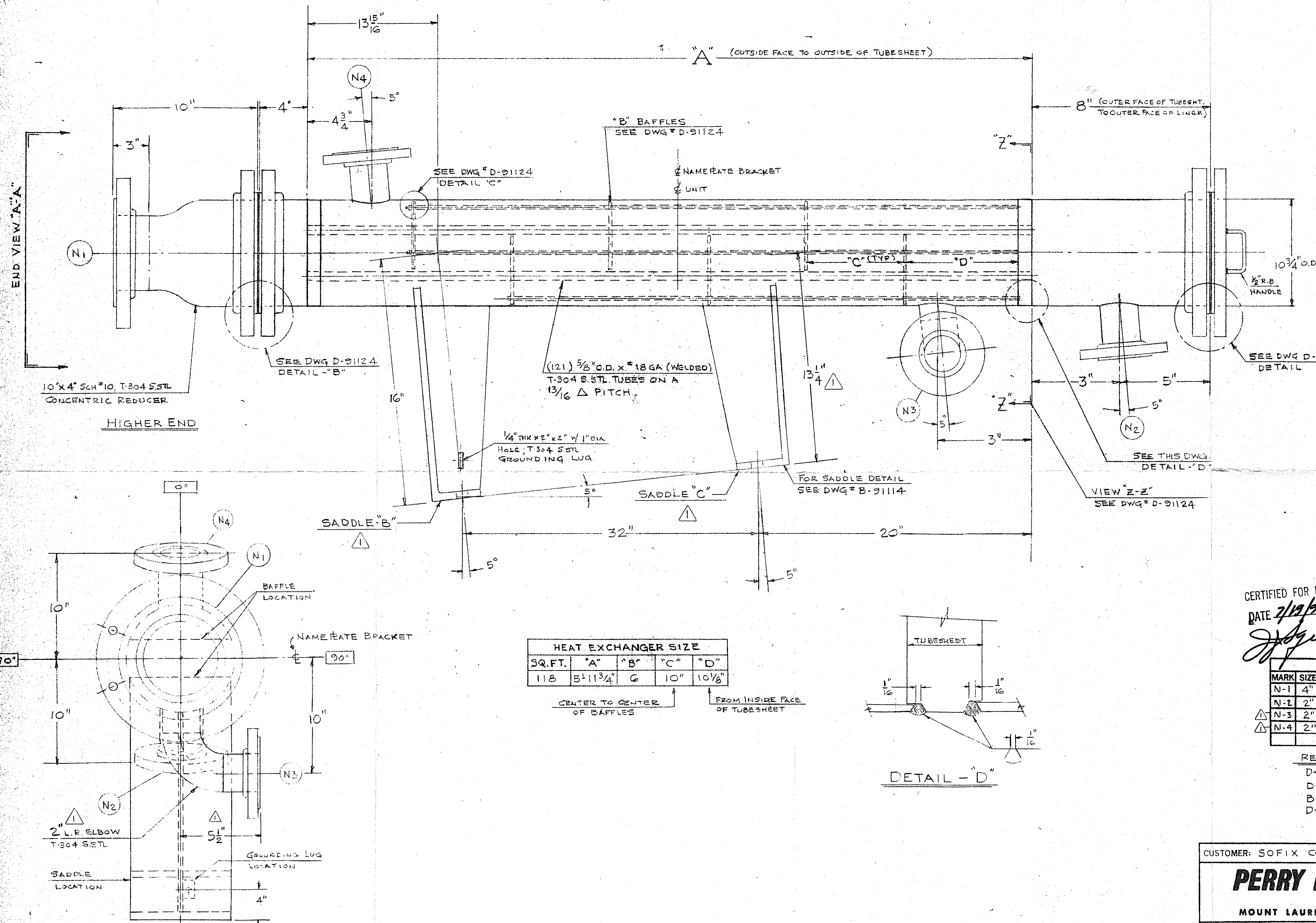
SER. NO. B-4615

JOB NO. 13961

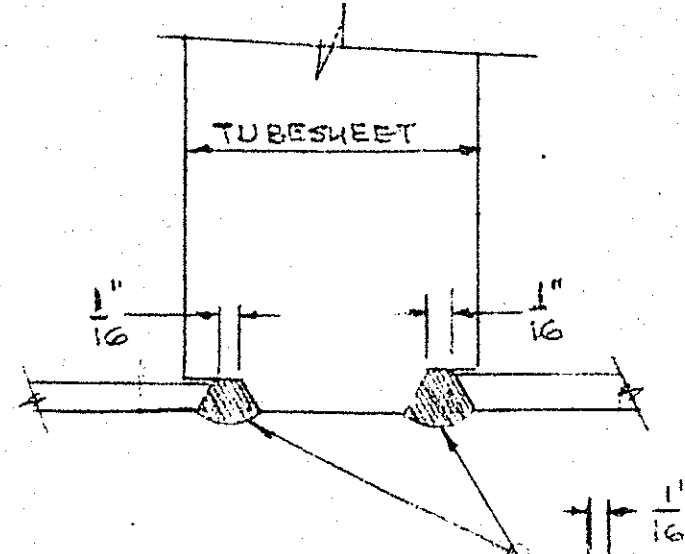
DWG. NO. D-91123

(1) 10" SIZE (118^Φ) HEAT EXCHANGER

NO.	DATE	BY	REVISIONS
1	7/16/91	JH	CHANGE SADDLE DETAILS & SIZE FITTINGS 1/2" DIA FROM 1/2" DIA TO 3/4" DIA



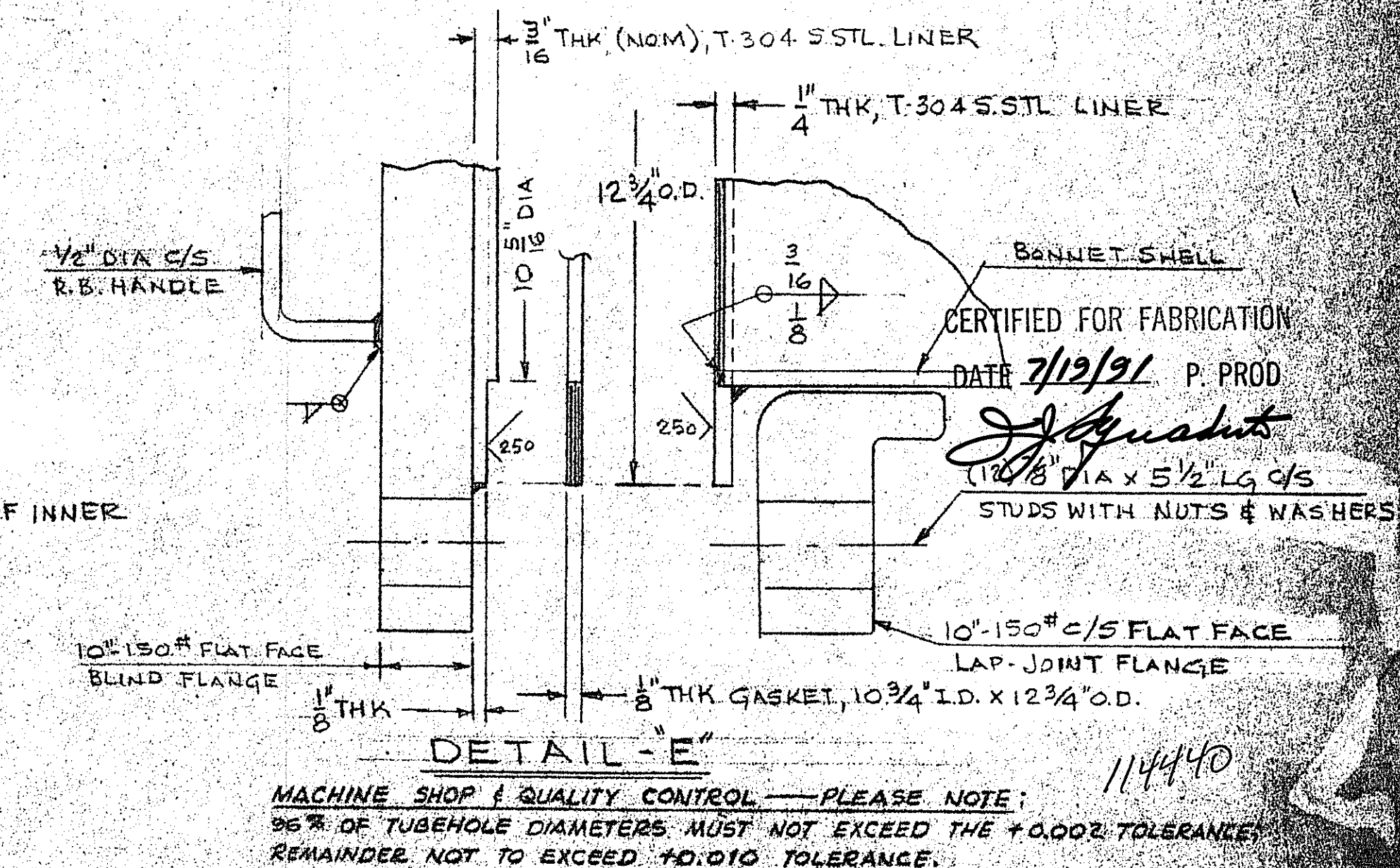
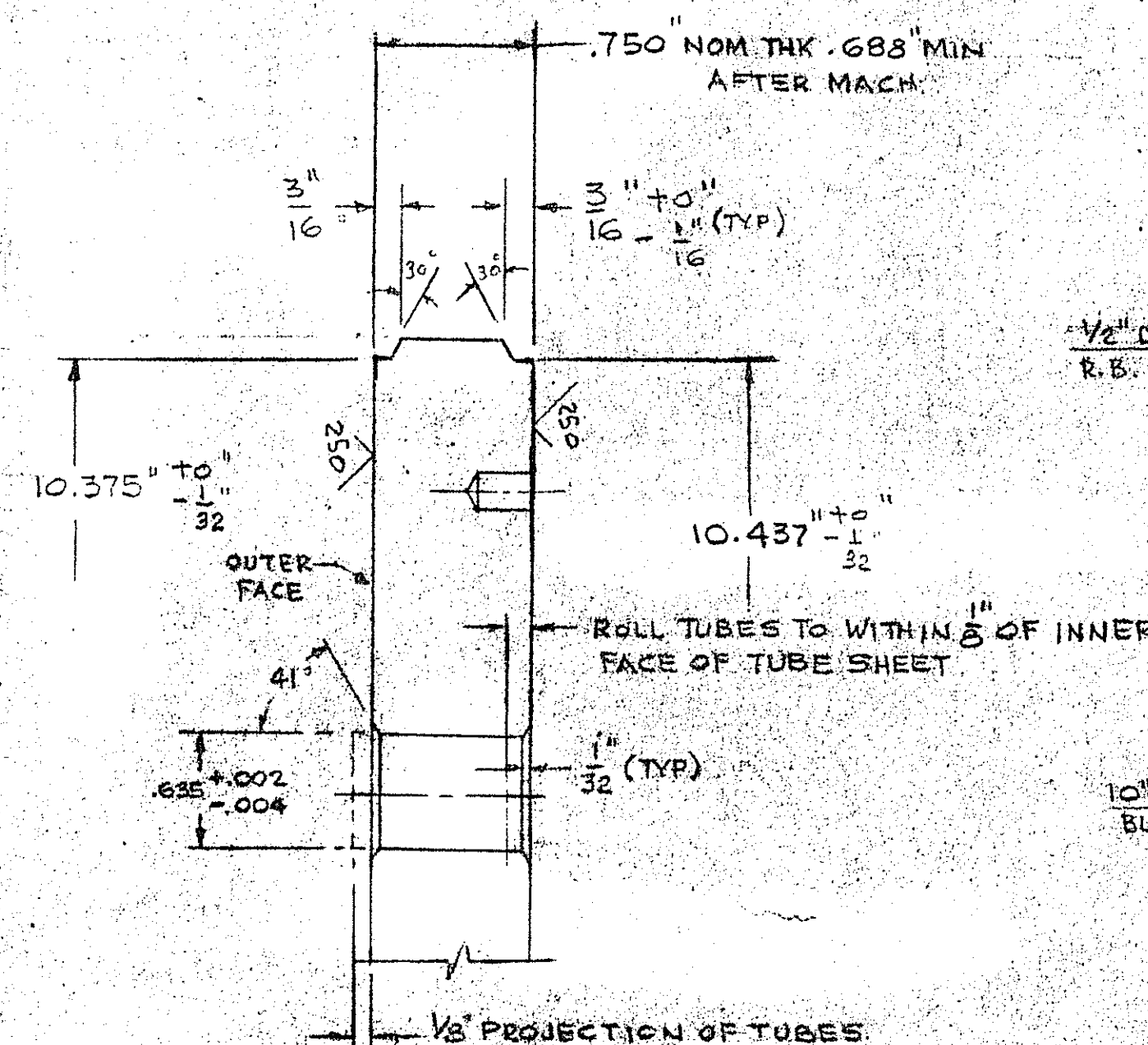
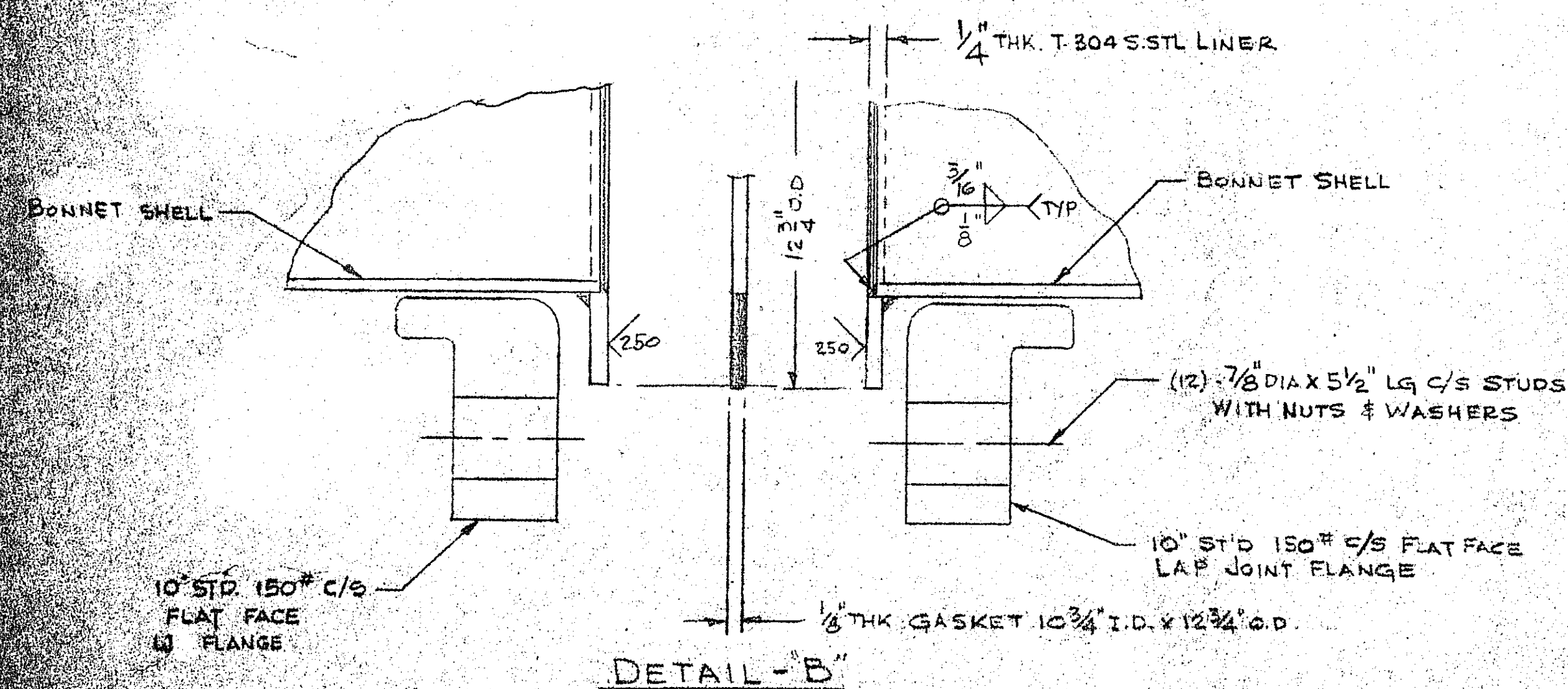
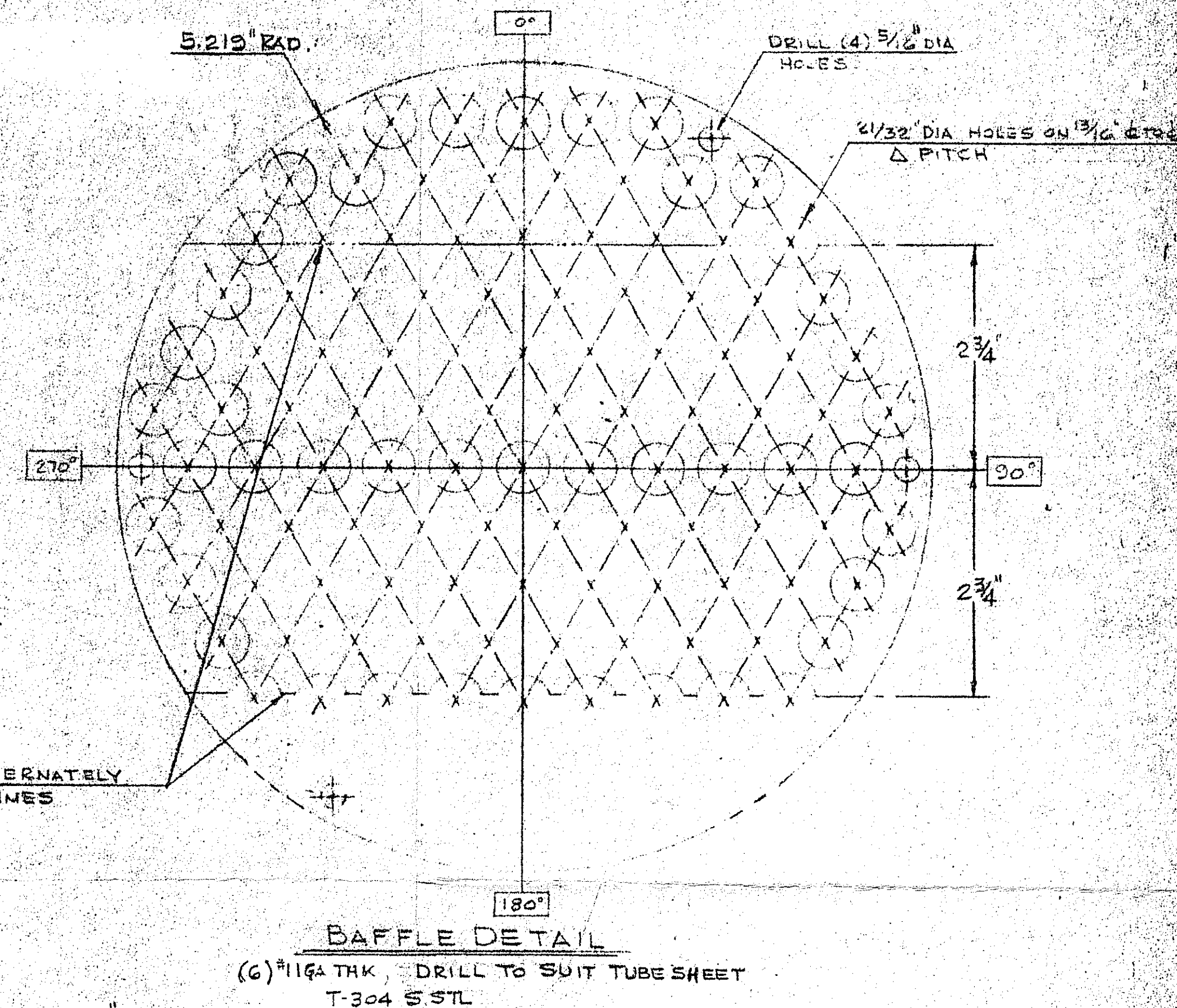
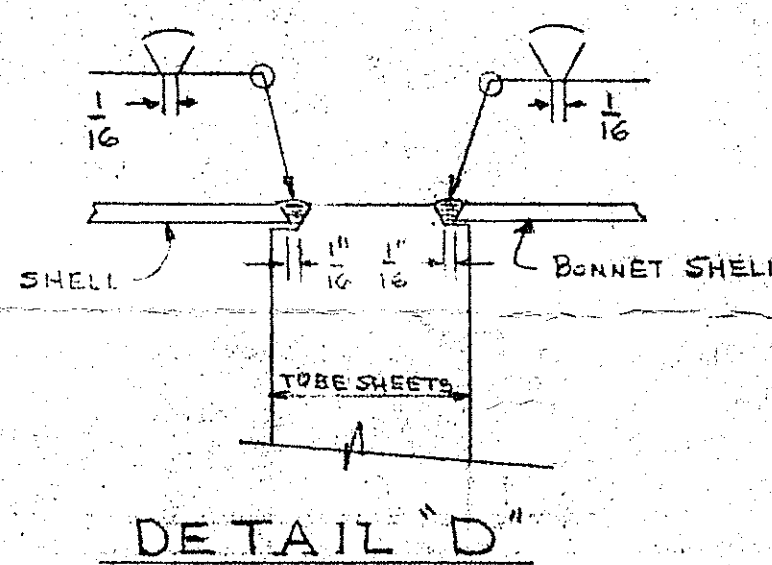
HEAT EXCHANGER SIZE				
SQ. FT.	"A"	"B"	"C"	"D"
118	5'11 3/4"	6	10"	10 1/8"

CENTER TO CENTER
OF BAFFLESFROM INSIDE FACE
OF TUBESHEET

DETAIL - D

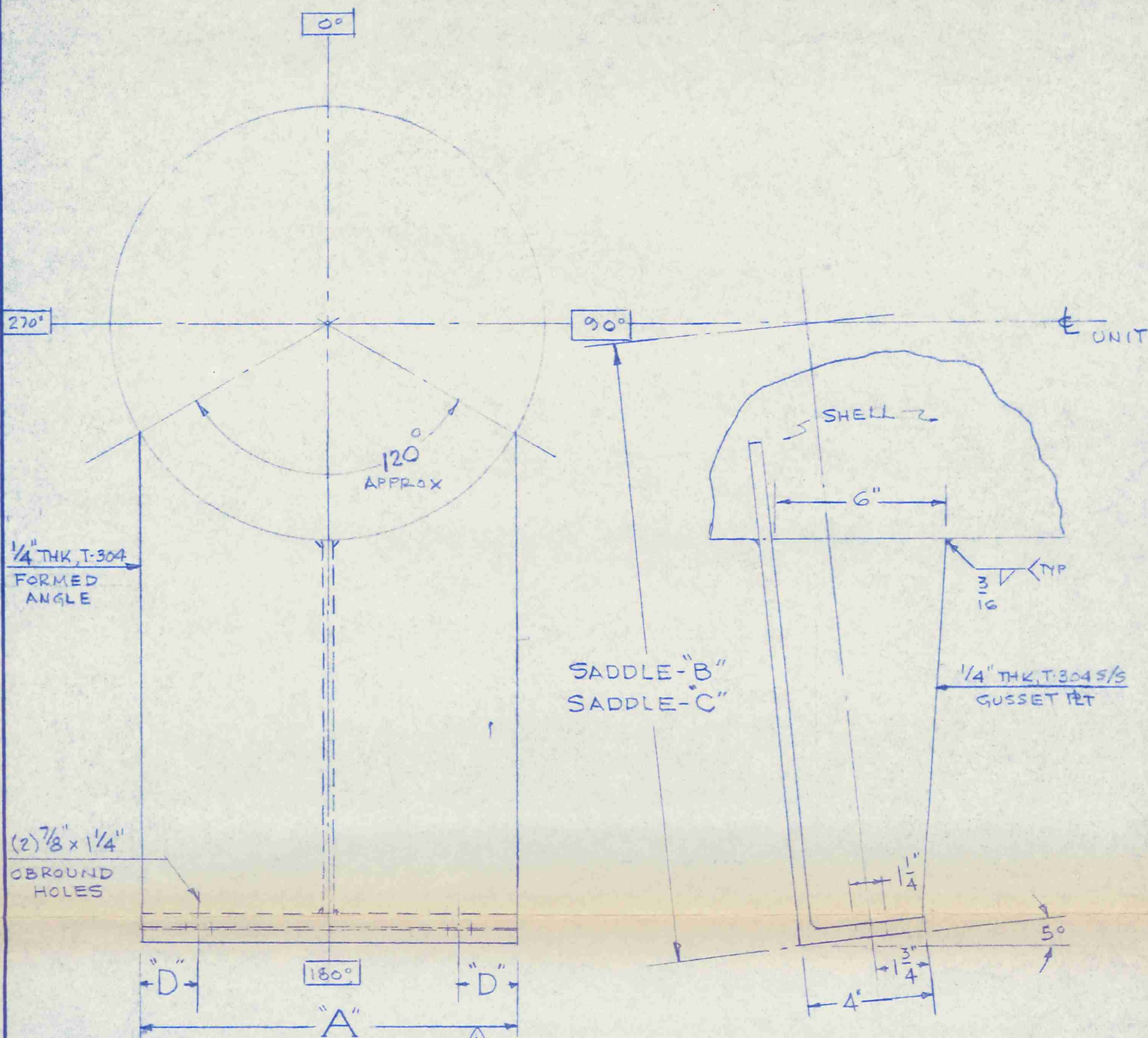
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END VIEW "A-A"
TRUE ORIENTATION



PERRY		PRODUCTS COMPANY			
STAINLESS STEEL FABRICATORS					
MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08054					
	DRN <i>114</i>				
	DATE <i>5/6/91</i>	10" TUBE SHEET & BAFFLE LAYOUT W/DE			
	CHKD <i>WJL</i>	1-PASS 2800 TUBES ON 13 1/4" PITCH			
	SER. NO. <i>B-4615</i>	JOB NO. <i>13921</i>	DWG. NO. <i>D-51124</i>		

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JOB NO	UNIT NO	SIZE	"A"	SADDLE "B"	SADDLE "C"	"D"
13959	C-1081	—	—	—	—	—
13960	C-9031	14"	12"	24"		
13961	C-6031	10"	9 1/4"	16"	13 1/4"	1 1/4"
13962	C-9331	12"	11"	16"		
13963	C-4131	12"	11"	16"		
13964	C-7131	12"	11"	24"		
13965	C-5131	10"	9 1/4"	24"	21 1/4"	2 5/8"
13966	C-5031	10"	9 1/4"	16"	13 1/4"	2 5/8"
13967	C-9131	10"	9 1/4"	16"		
13968	C-6131	—	—	—	—	
13969	C-9081	—	—	—	—	
13970	C-7183	—	—	—	—	

CERTIFIED FOR FABRICATION

DATE 2/19/91 P. PROD

J. J. Aquaduto

1	7/16/91	<i>W. J. J.</i>	ADDED SADDLE "C" & DIM. "D"
NO.	DATE	BY	REVISIONS

PERRY PRODUCTS CORPORATION

114440

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

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DRN. *W. J. J.*
DATE 5/18/91
CHKD. *W. J. J.*
SER. NO.

HEAT EXCHANGER, SADDLE DETAILS

JOB NO.

DWG. NO. **B- 31114**

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