

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

DESIGN DATA (MAX)	TUBE SIDE	SHELL SIDE
PRESSURE (PSIG)	F.V. OR 35	85
TEMPERATURE °F	300	300
MIN. DES. TEMP °F	20	20

HYDROSTATIC TEST (PSIG)	60	145
WELD SPEC. NO'S	SEE SUMMARY MAP	

MATERIAL SPECIFICATIONS

BONNET COVER	C/S BLIND FLG @ T-304 LINES
SHELL	12" SCH #5 (156") TK WLD PIPE
BONNET REDUCER	12" X 6" SCH #10, SA-403

SHELL 12" SCH #5 (156") TK WLD PIPE

BAFFLES, TIE RODS & TUBE SPACERS

	TUBE SIDE	SHELL SIDE
NOZZLE (PIPE)	SA-312 (WLD)	SA-312 (WLD)
NECKS	T-304 5/5	T-304 5/5
NOZZLE (FORGED)	SA-105 C/S	SA-105 5/5
FLANGES	SA-105 C/S	SA-105 5/5

TUBES 3/8" O.D. X 18 GA, T-304 S.S.T. SA-240 (WLD)

TUBE SHEETS 3/4" THK (NOM) TK SA-240, T-304 5/5

BODY FLANGES SA-105 C/S

BOLTING SA-193-B7 5/5 NUTS SA-194-2H 5/5

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) = 1100 LBS
EST. WEIGHT (FULL OF H₂O) = 1500 LBS

FITTING SCHEDULE

MARK	SIZE	SCH.	RATING	DESCRIPTION	QUAN.
N-1	6"	10	150#	FLG. CONN., SEE DWG. D-ND-70 DET. 7-1"	1
N-2	3"			D-ND-71	1
N-3	2"				1
N-4	2"				1

REFERENCE DWG'S

D-ND-70	NOZZLE DETAILS
D-91133	HEATEXCHANGER DETAILS
B-91114	SADDLE DETAILS
D-ND-71	NOZZLE DETAILS

RECEIVED

AUG 06 1991

H. L. WILLIAMS

CUSTOMER: SOFIX CORPORATION

TAG NO. C-7131

PERRY PRODUCTS CORPORATION

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

DRN. *[Signature]*

DATE 5/91

CHKD. *[Signature]*

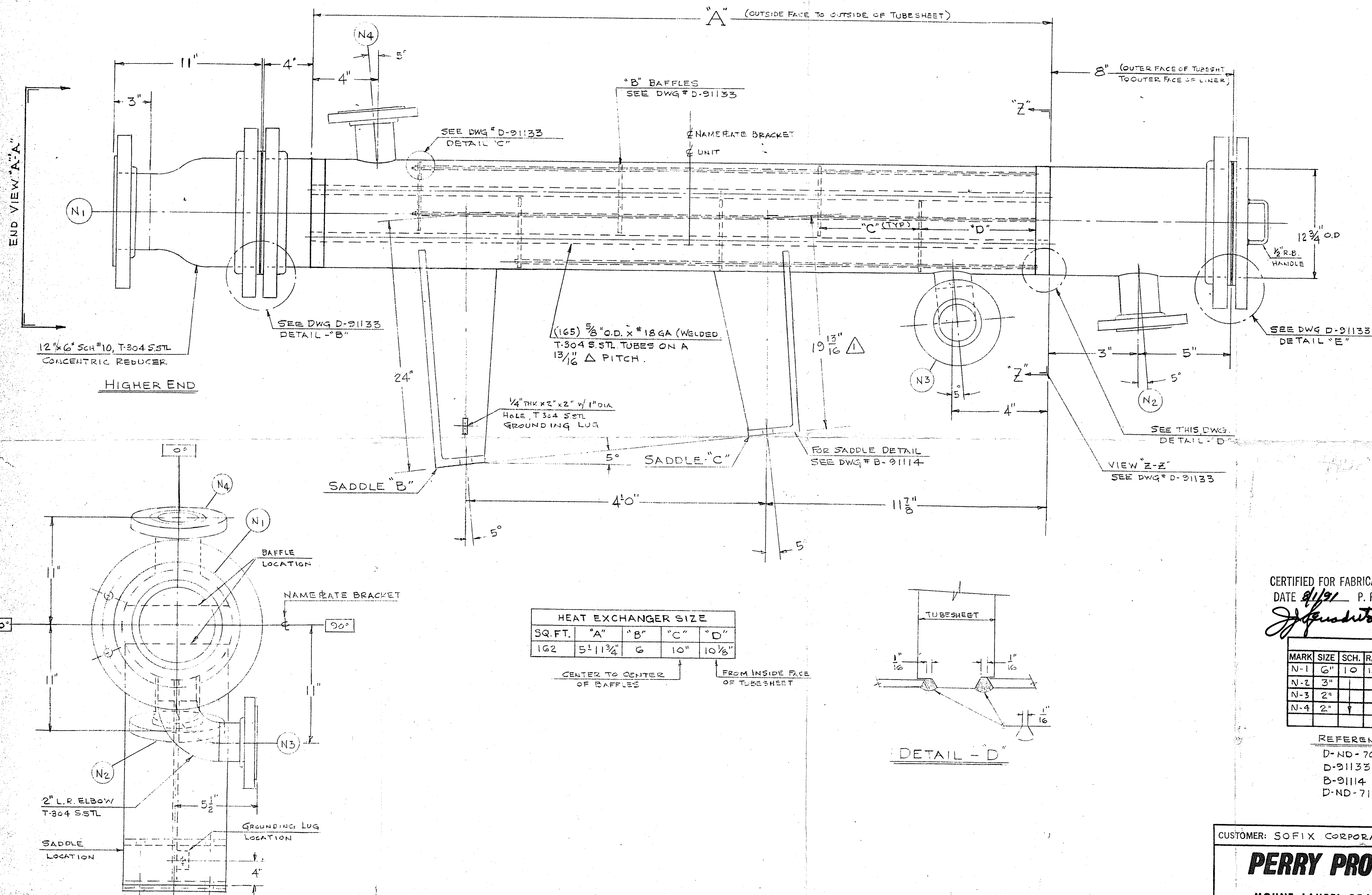
(1) 12" SIZE (162) HEAT EXCHANGER

SER. NO. B-4618

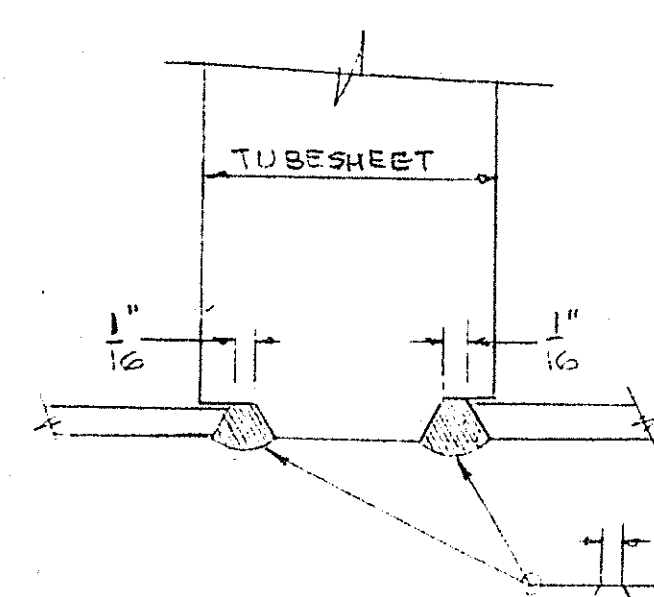
JOB NO. 13964

DWG. NO. D-91132

114442

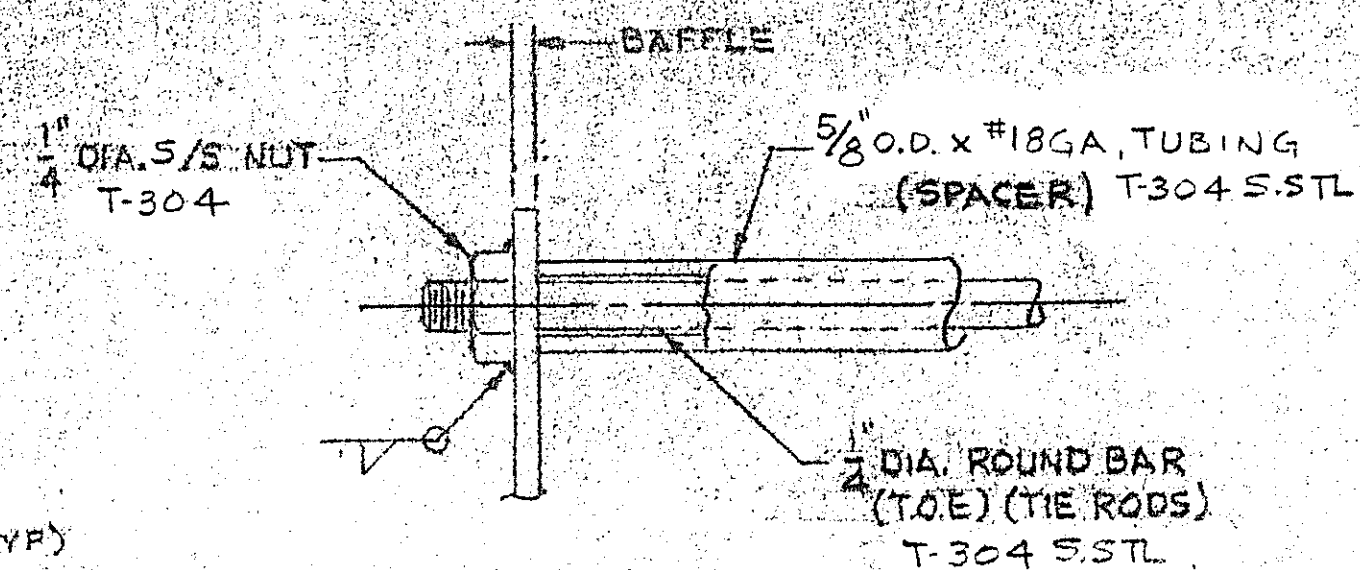
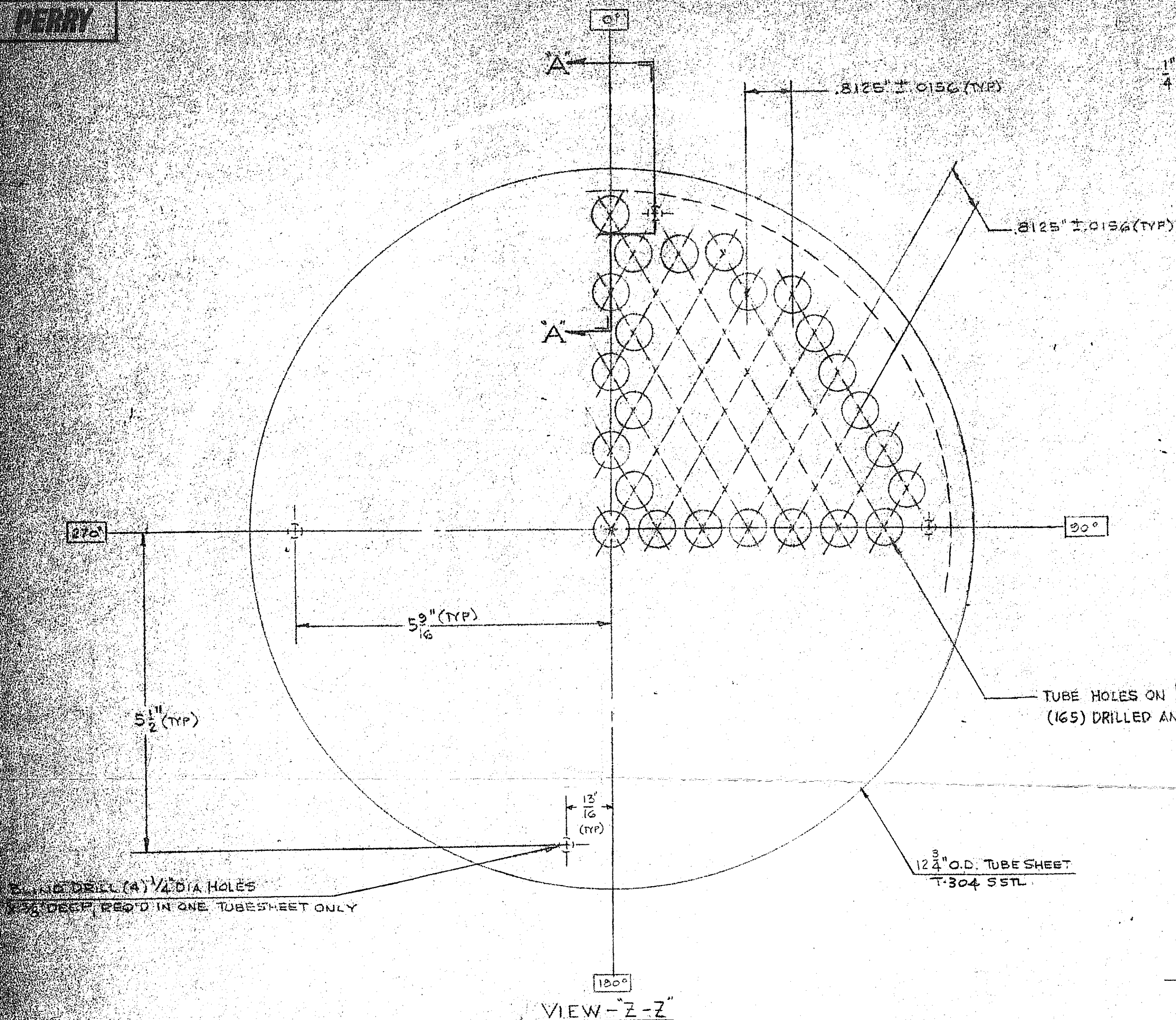


HEAT EXCHANGER SIZE				
SQ. FT.	"A"	"B"	"C"	"D"
162	5' 11 3/4"	6	10	10 1/8"

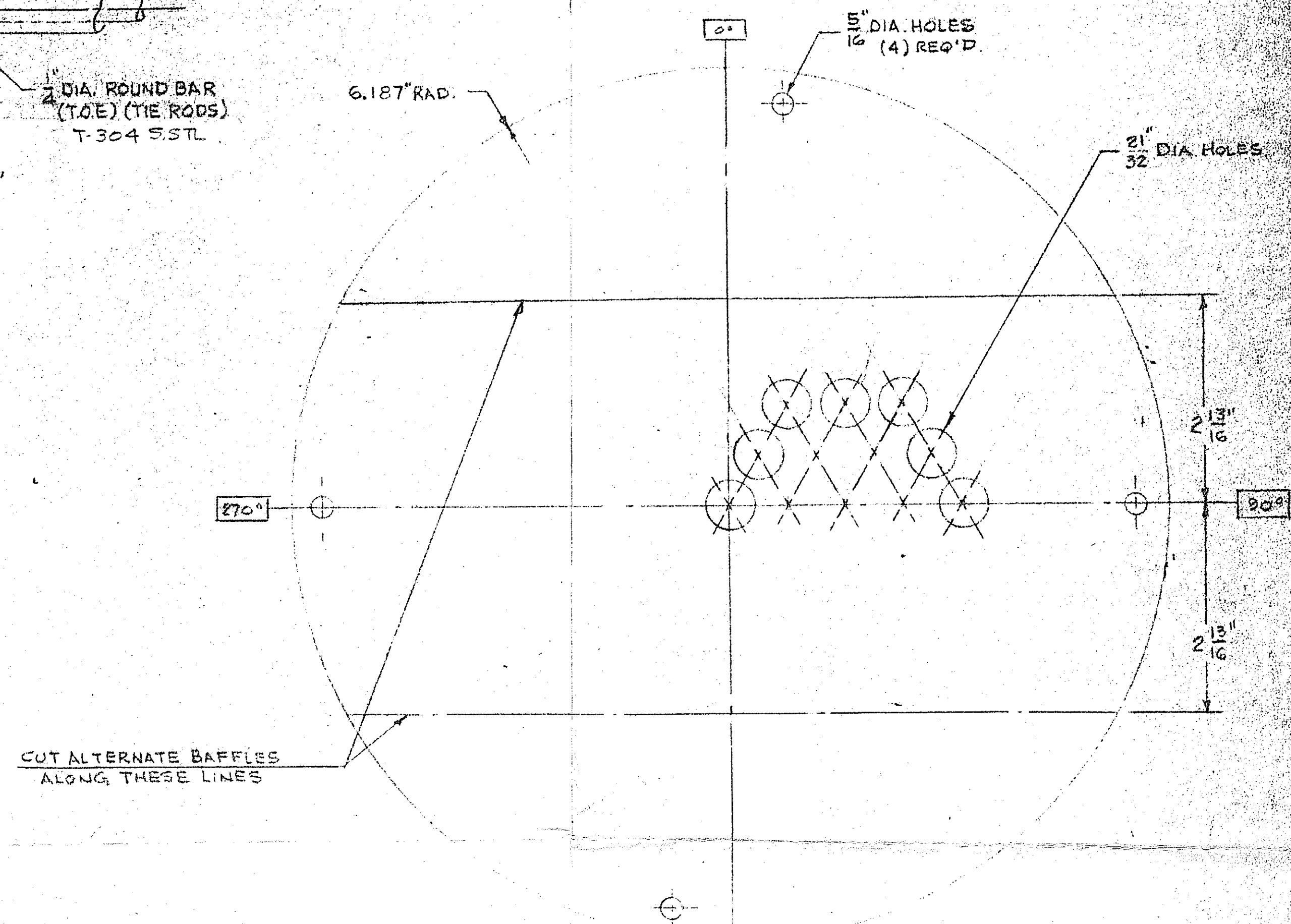
CENTER TO CENTER
OF BAFFLESFROM INSIDE FACE
OF TUBESHEET

DETAIL - D

END VIEW - A-A
TRUE ORIENTATION



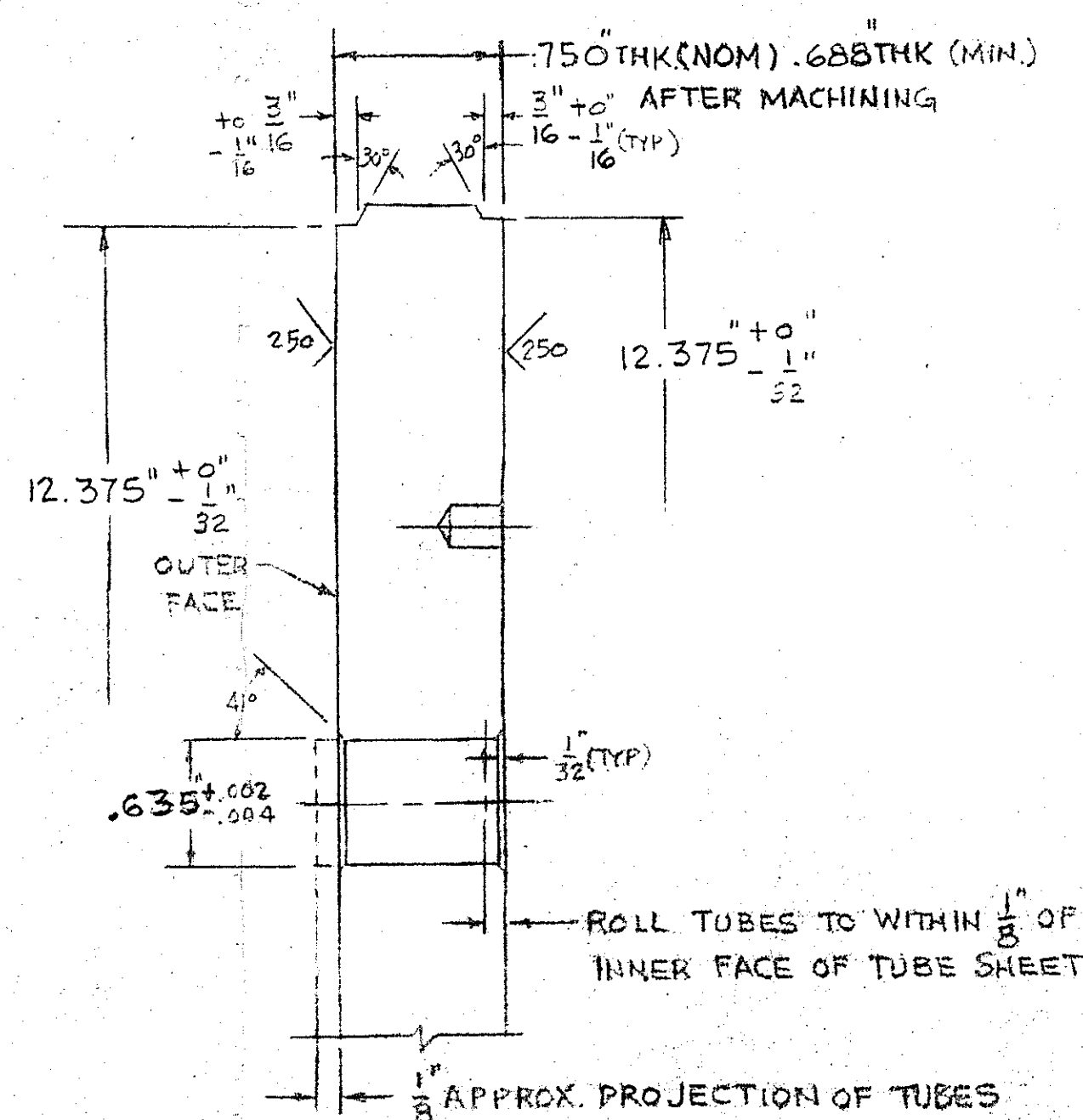
DETAIL-C



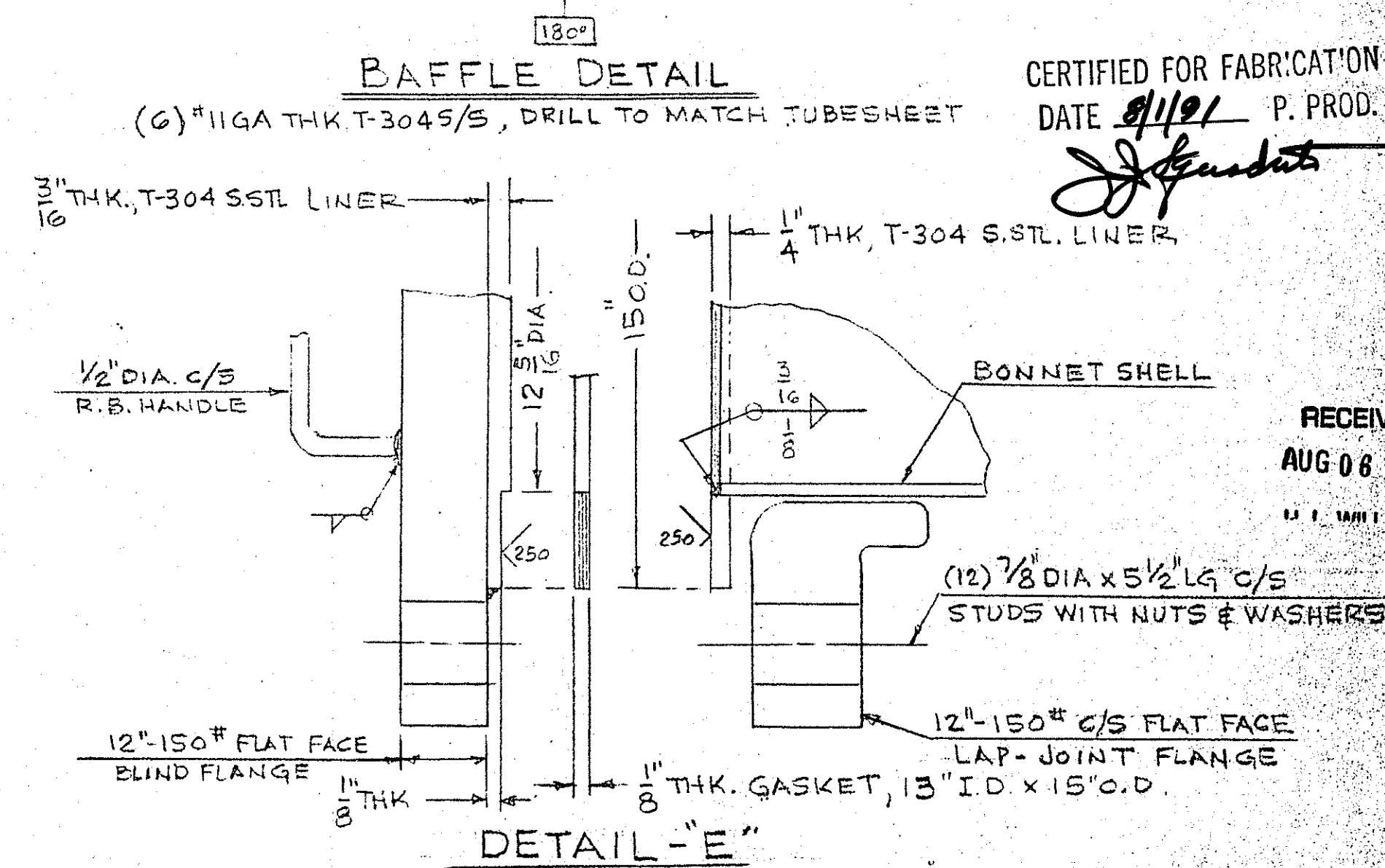
CUT ALTERNATE BAFFLES
ALONG THESE LINES

DRILL (4) 1/4\"/>

VIEW-Z-Z



SECTION-A-A

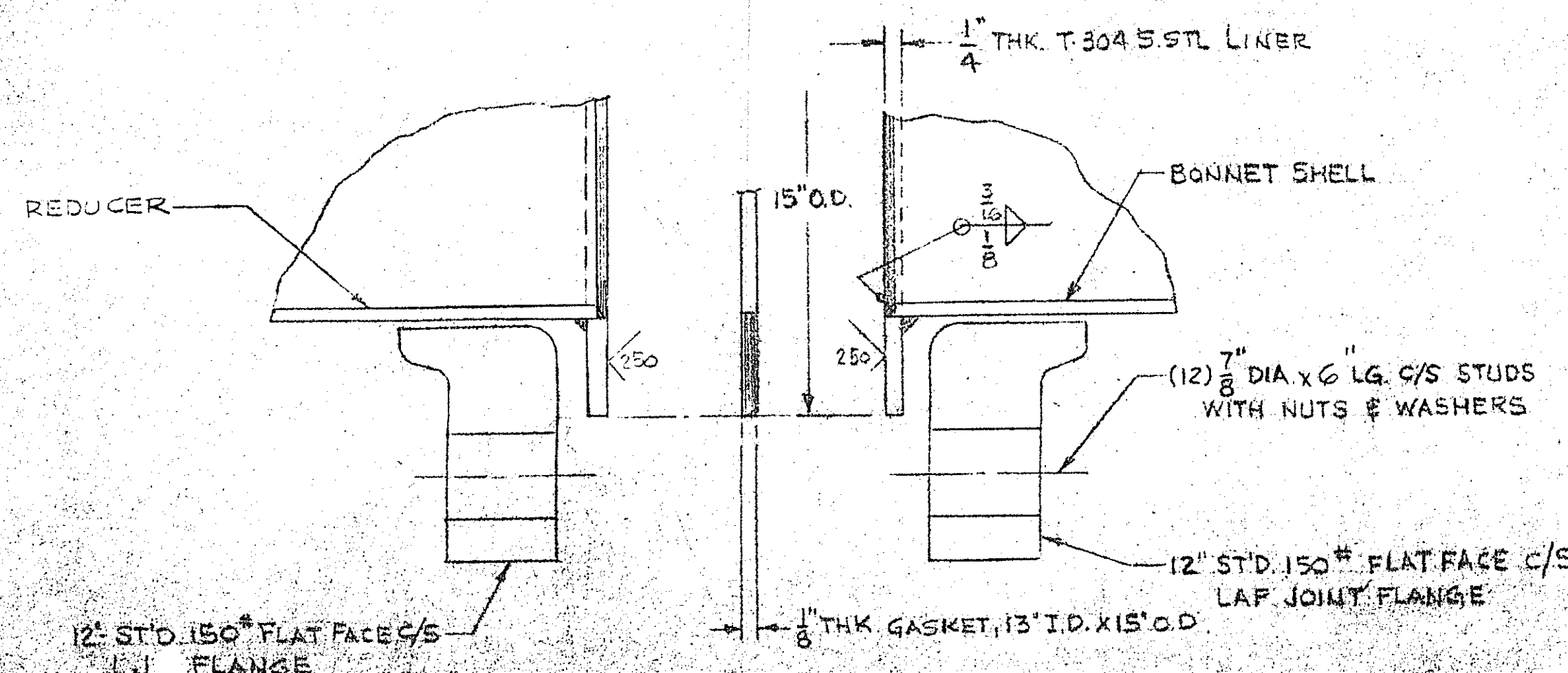


DETAIL-E

CERTIFIED FOR FABRICATION
DATE 8/1/91 P. PROD.

[Signature]

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DETAIL-B

PERRY PRODUCTS CORPORATION

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

DRN. <i>MS</i>	12" TUBESHEET LAYOUT, WITH DETAILS. 1-PASS, 5/8" TUBES ON A 13/16" Δ PITCH				
DATE 6/5/91					
CHKD. <i>MS</i>					
SER. NO. B-4618	JOB NO. 13064	DWG. NO. D-31133			

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