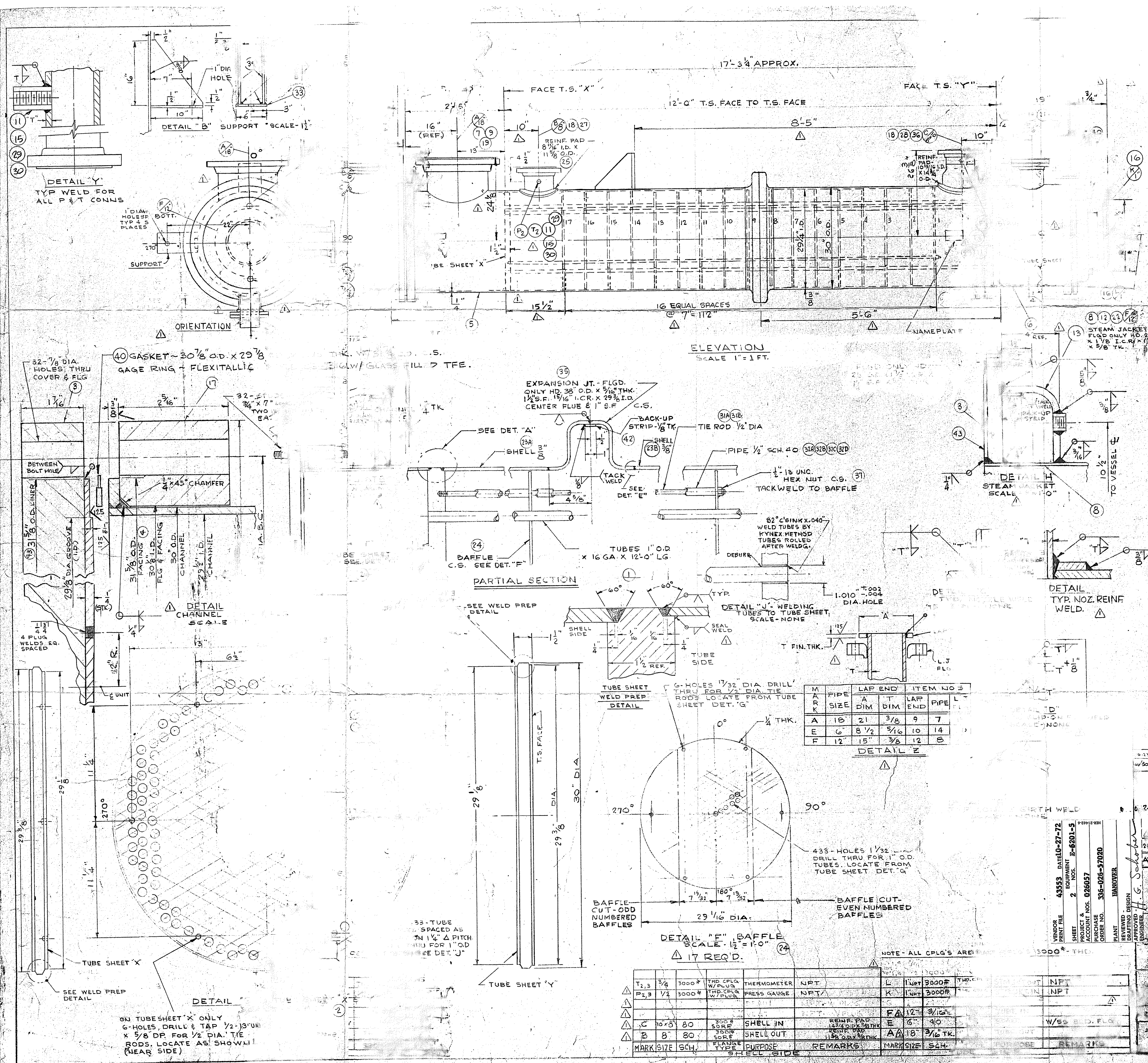




DESIGN DATA	SHELL SIDE	TUBE SIDE
DESIGN AND FABRICATION	ASME CODE VIII	ASME CODE VIII
DESIGN PRESSURE	300 PSIG	15 PSIG
DESIGN TEMPERATURE	450° F	450° F
CORROSION ALLOWANCE	1/16	NONE
WELDING	UW-47	UW-47
FLANGE FACE FINISH	STOCK MODIFIED SPIRAL	15
RADIOGRAPHIC EXAMINATION	SPOT	SPOT
HEAT TREATMENT	NONE	NONE
TEST PROCEDURE	UG-99	UG-99
FINAL TEST PRESSURE - HYDRO	450 PSIG	119 PSIG
MATERIAL		
SHELL	SA515-GR70	SA240-316
COVER & LINERS		SA240-316
SUPPORTS	SA240-316	SA240-316
NOZZLE NECKS	SA515-GR70	SA240-316
BLIND FLANGES (NO. E)		SA240-316
REINFORCING PAD	SA515-GR70	SA240-316
NOZZLE FLANGES	SA515-GR70	SA240-316
CHANNEL FLANGES	SA515-GR70	SA240-316
BOLTS		SA193-B7
NUTS		SA193-B7
GASKETS		SEE DWG.
TUBES	SA240-316	
BAFFLES, TIE RODS & SPACERS	C/S	
STEAM JACKET		SA515-GR70
TUBE SHEETS		SA240-316
EXPANSION JOINT	SA515-GR70	
COUPLINGS	SA105-GR1	SA105-GR1

DESIGN DATA	STEAM JACKET
DESIGN & FABRICATION	ASME CODE VIII
DESIGN PRESSURE	165 PSIG
DESIGN TEMPERATURE	380° F
FINAL TEST PRESSURE	248 PSIG

OAT JOB	ITEM NO.	P.O. NO.
J-2079-1	E-4201-5	026-35066
J-2127-1	E-6201-05	026-57020

- NOTES:
- SHIP ONE (1) SET OF SPARE GASKETS WITH VESSEL.
 - PAINT EQUIPMENT NO. ON SIDE OF VESSEL - 4" HIGH LETTERS & NOS.

104197
OCT 25 1972

REVISIONS	BY
1. ADDED PROJ. J-2127-1 & TABULATION TABLE	
2. REV. DET. A TO ORIENT WIDET. G - ADDED SEAL WELD DET. K REV. FCG. DESIGN - ELEV. ADDED 8'-5" DIM. 5'-6" WAS 5'-9 1/4" - BAFFLE SPACING WAS 8". DET. H ADDED BACK-UP STRIP REV. WELDS. DET. L REV. WELD. ORIENT. VIEW ADDED VIEW XX. SUPP. 16 WAS 10. ROTATED 90°. DET. F (17 REQ.) DET. D 1/8" WAS 1/16". DESIGN DATA ADDED SPOT-MTL. REVISED. NOZZ. SCH. ADDED REIN. PADS DIM C-B. ISSUED FOR FAB.	
3. ISSUED FOR APPROVAL	RO

JOSEPH OAT & SONS, INCORPORATED
CHEMICAL ENGINEERS/DESIGNERS/FABRICATORS
CAMDEN, NEW JERSEY 08104

OXIDATE STRIPPER REBOILER
29' O.D. X 17'-3 3/4" APPROX. O.A.L.
ONE PASS C/S & 316 STN. STL. CONSTR.
ASSEMBLY & DETAILS

HERCULES, INCORPORATED
HANOVER PLANT
WILMINGTON, N.C.

PURCHASE ORDER NO. SEE TABLE NO. REQ'D. ONE

JOB NO. SEE TABLE DATE: 10/25/72 DRAWING NO. 5238

MARK	SIZE	SCH.	FLANGE TYPE	PURPOSE	REMARKS	MARK	SIZE	SCH.	FLANGE TYPE	PURPOSE	REMARKS
T2,3	3/4"	3000#	THD. CPLG. W/PLUG	THERMOMETER	NPT	L	1"	3000#	THD. CPLG. W/PLUG	THERMOMETER	NPT
P2,3	1/2"	3000#	THD. CPLG. W/PLUG	PRESS. GAUGE	NPT	K	1"	3000#	THD. CPLG. W/PLUG	PRESS. GAUGE	NPT
C	10x3	80	3000# SORF	SHELL IN	REIN. PAD 1/2" O.D. X 3/8" THK.	F	12"	3/16"	3000# SORF	FLANGE	W/55 O.D. FLG.
B	8"	80	3000# SORF	SHELL OUT	REIN. PAD 1/2" O.D. X 3/8" THK.	A	18"	3/16" TK.	3000# SORF	FLANGE	W/55 O.D. FLG.