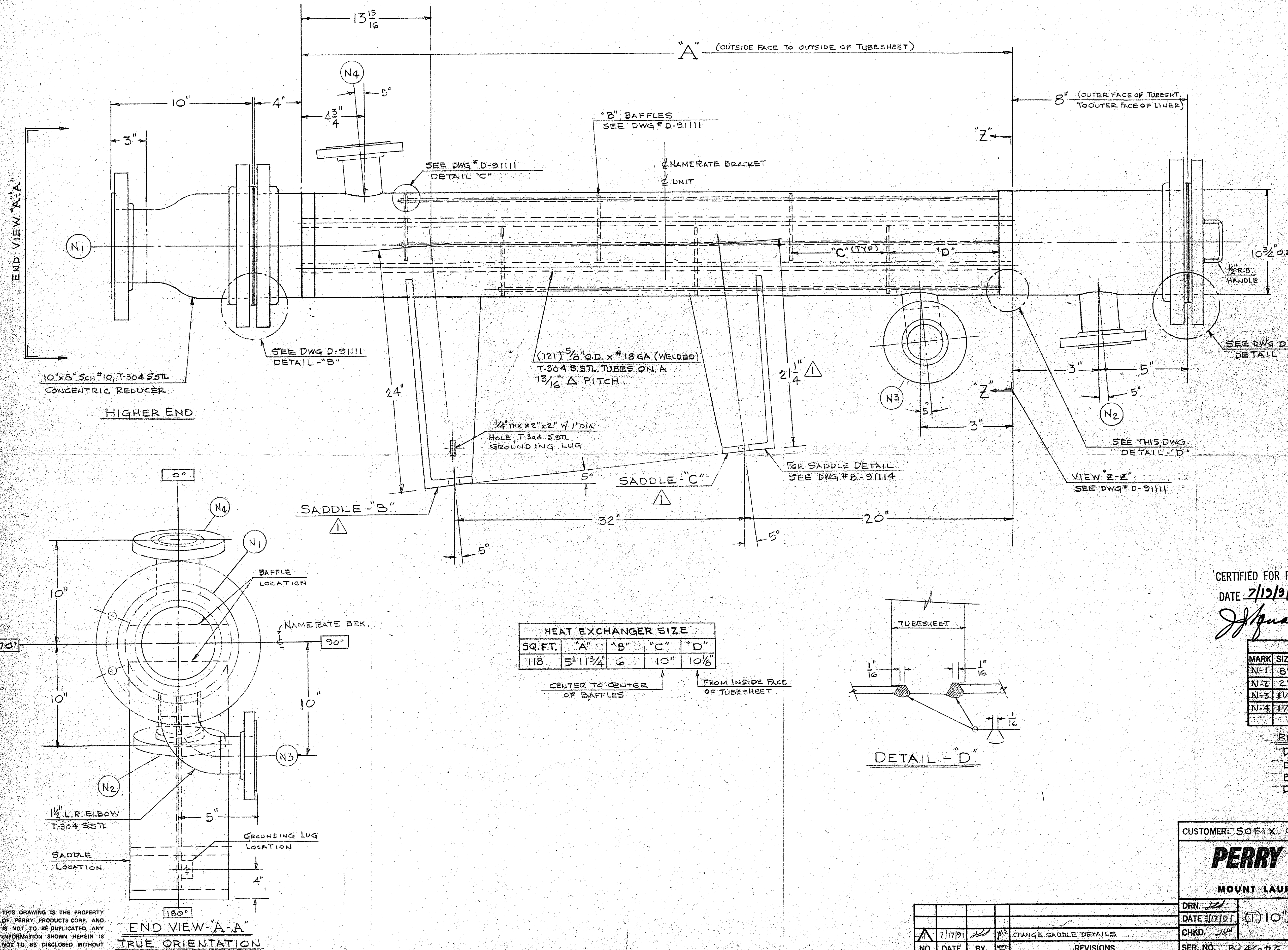




A.S.M.E. CONSTRUCTION INSP. & STAMPING

IN ACCORDANCE WITH SECTION VIII, DIVISION NO. 1 OF THE 1982 EDITION OF THE UNIFORM PRESSURE VESSEL CODE, FOR OPERATION IN THE STATE OF TN

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)	EV. 21.35	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

NOZZLE: 10" 415 BLIND FLG. T-304 S.S.T.
SHELL: 10" SCH#10 (165) TK WLD PIPE
REDUCE: 10" X 8" SCH#10 SA-425
SHELL: 10" SCH#5 (134) TK WLD PIPE

BAFFLES, TIE RODS & TUBE SPACERS	TUBE SIDE	SHELL SIDE
NOZZLE (PIPE)	SA-312 WLD	SA-312 WLD
NECKS	T-304 S/S	T-304 S/S
NOZZLE (FORGED)	SA-108 2/2	SA-108 2/2
FLANGES	SA-108 2/2	SA-108 2/2
TUBES 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 S/S		
BODY FLANGES SA-108 2/2		
BOLTING SA-193-B7 5 NUTS SA-194 1/2 W/S		
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) = 875 LBS
EST. WEIGHT (FULL OF H₂O) = 1150 LBS

CERTIFIED FOR FABRICATION
DATE 7/12/91 P. PROD.
J. J. Guadalupe

FITTING SCHEDULE

MARK	SIZE	SCH.	RATING	DESCRIPTION	QUAN.
N-1	8"	10	150#	FLG. CONN., SEE DWG D-ND-70 DET. 7-1	1
N-2	2"			D-ND-71	1
N-3	1 1/2"				1
N-4	1 1/2"				1

REFERENCE DWG'S

- D-ND-70 NOZZLE DETAILS
- D-91111 HEATEXCHANGER DETAILS
- B-91114 SADDLE DETAILS
- D-ND-71 NOZZLE DETAILS

CUSTOMER: SOEIX CORPORATION

TAG NO. C-5131

PERRY PRODUCTS CORPORATION

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

NO.	DATE	BY	REVISIONS
1	7/17/91	JH	CHANGE SADDLE DETAILS

DRN. <i>JH</i>	DATE 5/17/91	(1) 10" SIZE (118") HEAT EXCHANGER
CHKD. <i>JH</i>	SER. NO. B-4626	JOB NO. 13065
	DWG. NO. D-91110	

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