

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

DESIGN DATA (MAX)		
	TUBE SIDE	SHELL SIDE
PRESSURE (PSIG)	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	1/2" BLIND FLG. (W) T-304 SSSL
SHELL 12"	SCH #5 (1.56") THK WLD PIPE
BONNET REDUCER	12" x 4" SCH #10 SA-192

SHELL 12" SCH #5 (1.56") THK 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-192 S/S SA-192 S/S	
FLANGES		
TUBES 3/4" O.D. x 18 GA. T-304 SSSL	SA-242 (WLD)	
TUBE SHEETS 3/4" THK (NOM) T-304 SSSL		
BODY FLANGES SA-192 S/S		
BOLTING SA-192-B7 S/S NUTS SA-192-B7 S/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) = 1250 LBS
EST. WEIGHT (FULL OF H₂O) = 1750 LBS

FITTING SCHEDULE

MARK	SIZE	SCH.	RATING	DESCRIPTION	QUAN.
N-1	4"	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-91135 HEATEXCHANGER DETAILS
- B-91114 SADDLE DETAILS
- D-ND-71 NOZZLE DETAILS

CUSTOMER: SOFIX CORPORATION

TAG NO. C-9331

PERRY PRODUCTS CORPORATION

MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036

DRN. *[Signature]*

DATE 6/6/91

CHKD. *[Signature]*

(1) 12" SIZE (200#) HEAT EXCHANGER 114445

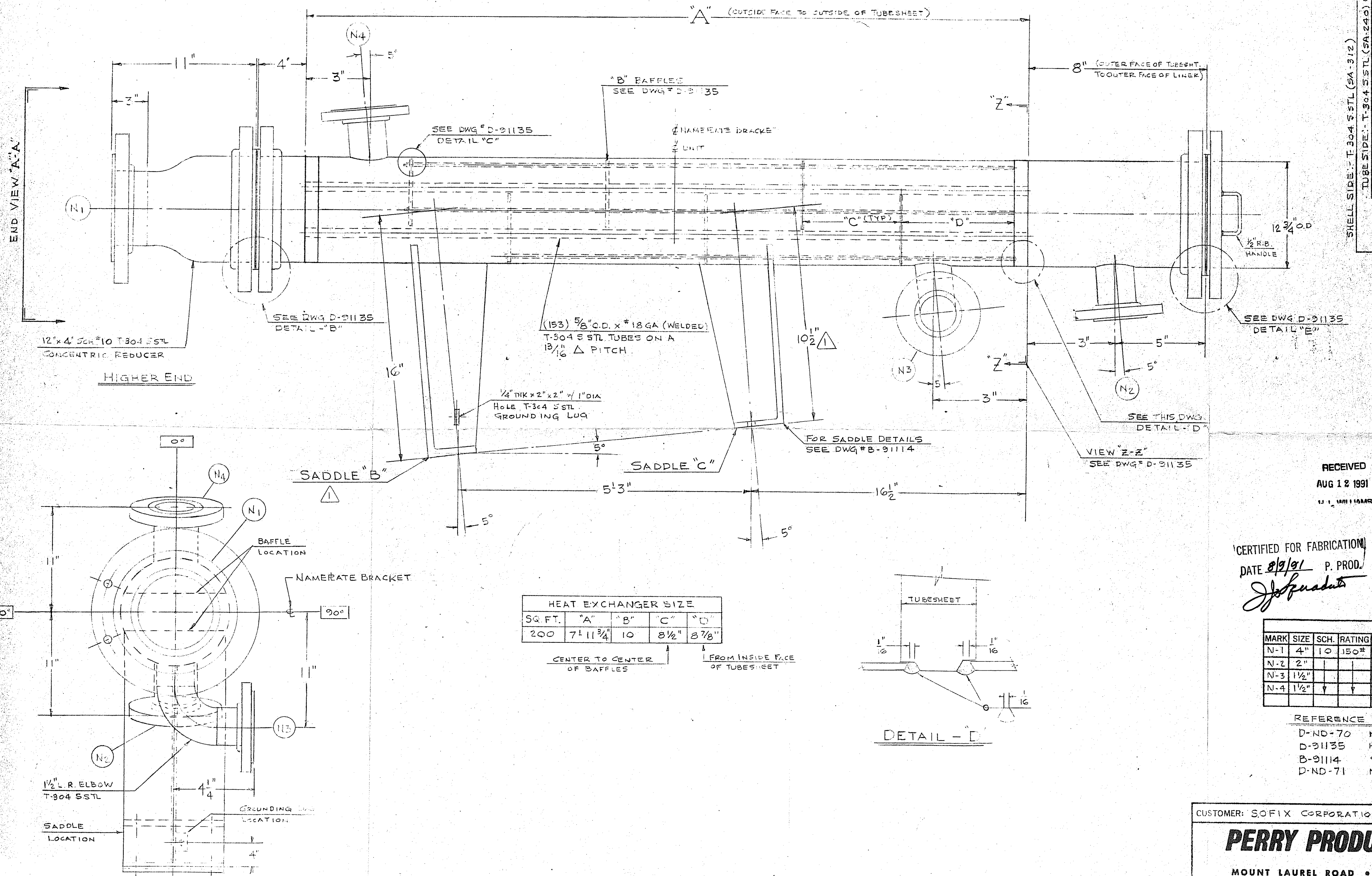
SER. NO. B-4616

JOB NO. 13962

DWG. NO. D-91134

1

NO.	DATE	BY	REVISIONS
1	8/8/91	<i>[Signature]</i>	CHANGE SADDLE DETAILS



HEAT EXCHANGER SIZE				
SQ. FT.	"A"	"B"	"C"	"D"
200	7' 11 3/4"	10	8 1/2"	8 7/8"

CENTER TO CENTER OF BAFFLES

FROM INSIDE FACE OF TUBESHEET

DETAIL - D

RECEIVED
AUG 12 1991

CERTIFIED FOR FABRICATION
DATE 8/9/91 P. PROD.
[Signature]

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END VIEW "A-A"
TRUE ORIENTATION

