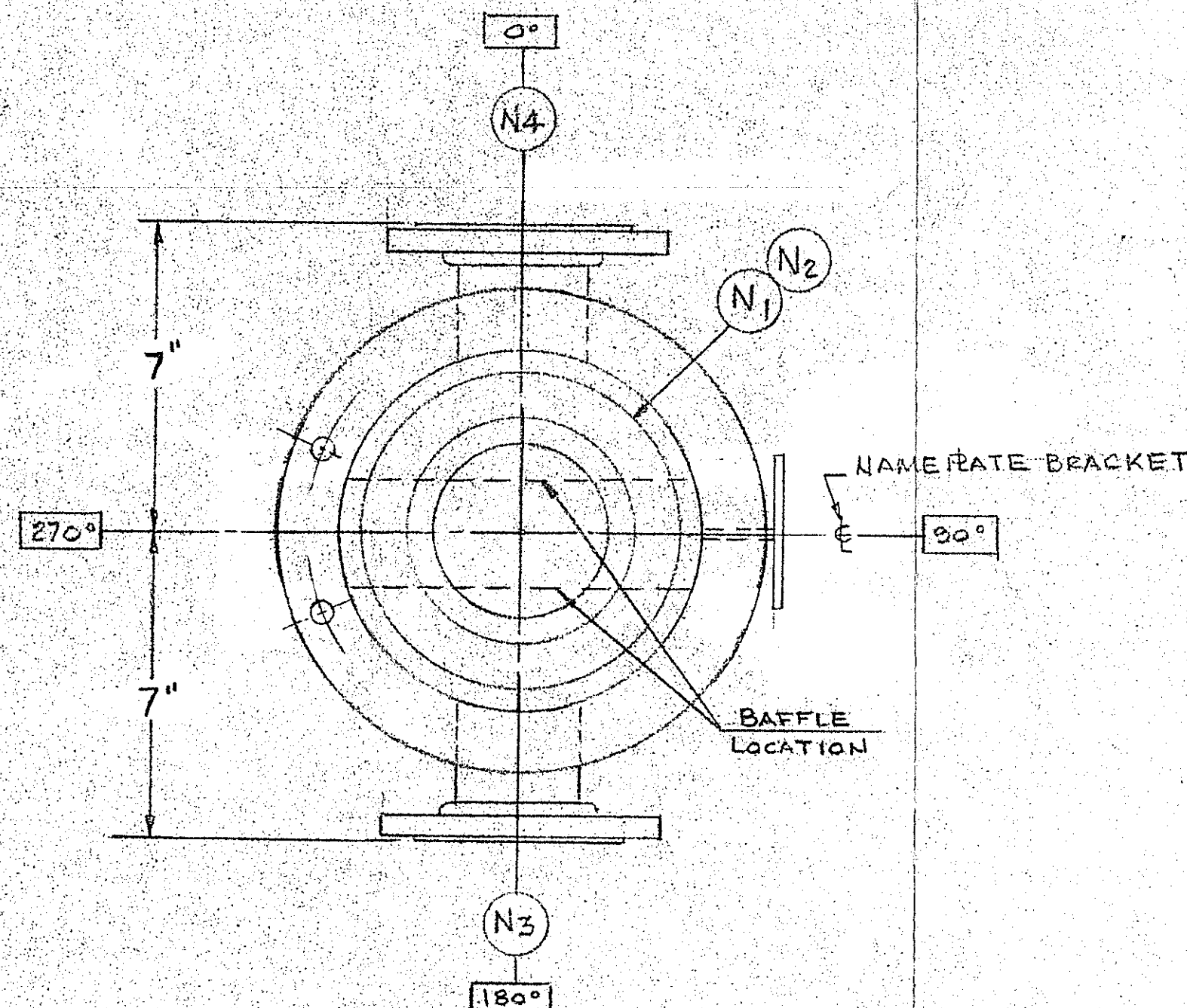
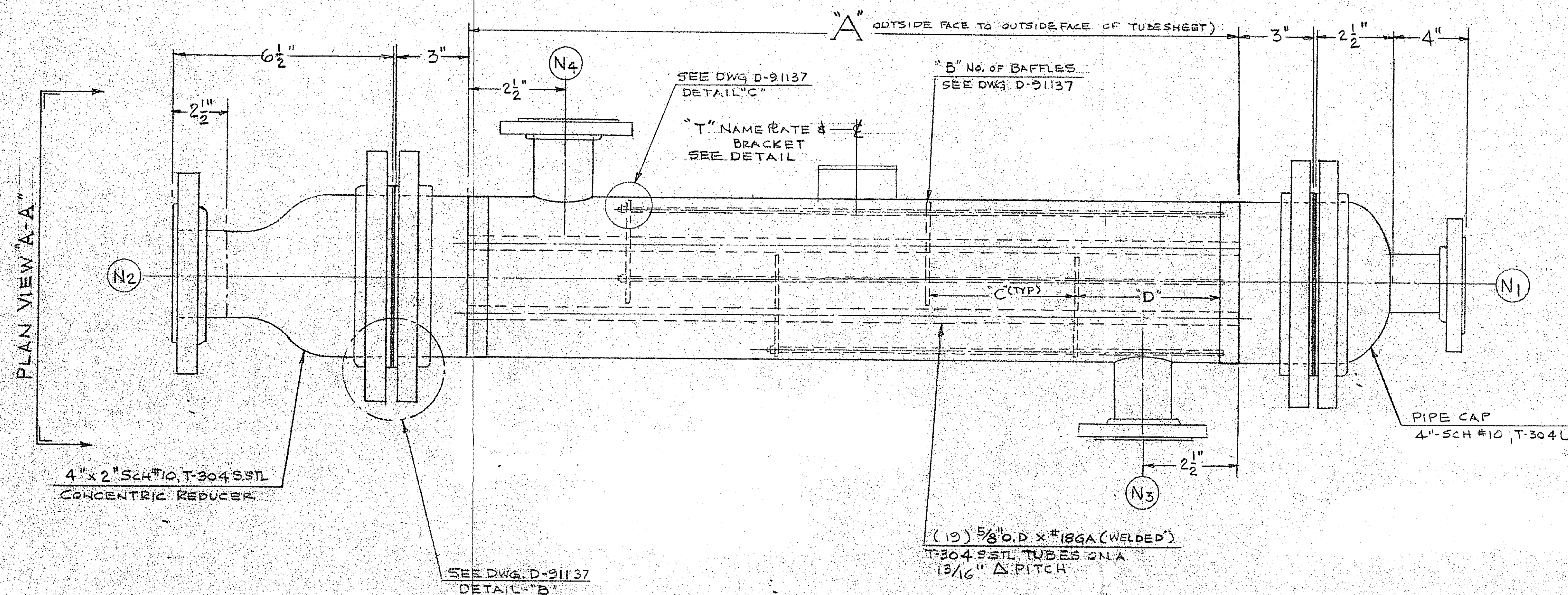
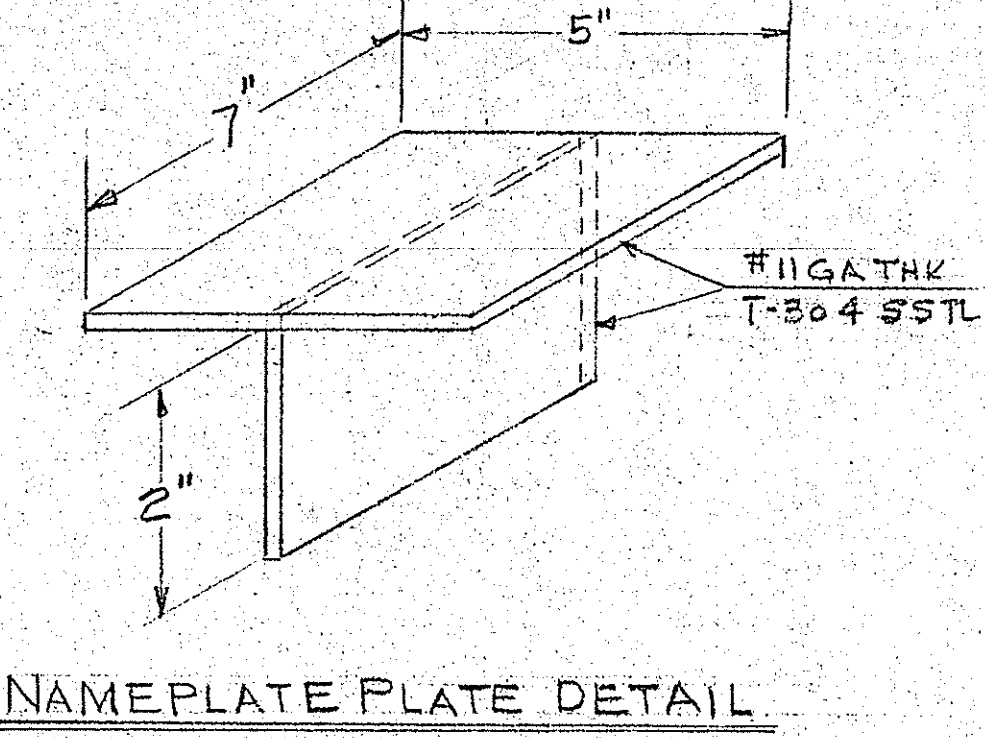




HEAT EXCHANGER SIZE				
SQ. FT.	"A"	"B"	"C"	"D"
15	4' 11 3/4"	6	8 5/16"	8 5/16"
	CENTER TO CENTER OF BAFFLES		FROM INSIDE FACE OF TUBESHEET	



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

IN ACCORDANCE WITH SECTION VIII, DIVISION 1 OF THE 1982 EDITION OF THE UNFIRE 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	C
CEN	

DESIGN DATA (MAX)		
PRESSURE (PSIG)	EV. OR 35	85
TEMPERATURE °F	300	300
MIN. DES. TEMP °F	20	20

HYDROSTATIC TEST (PSIG)	60	14.5
WELD SPEC. NOS	SEE SUMMARY MAP	

MATERIAL SPECIFICATIONS

BONNET HEAD	4" SCH #10, PIPE CAP
BONNET SLEEVE	4" x 2" SCH #10, SA-403, T-304 L
SHELL	4" SCH #10 (140") THK. WLD. PIPE

	TUBE SIDE	SHELL SIDE
NOZZLE (PIPE)	SA-312 (WLD)	SA-312 (WLD)
NECKS	T-304 S/S	T-304 S/S
NOZZLE (FORGED)	SA-105 S/S	SA-105 S/S
FLANGES		
TUBES	5/8" O.D. x #18 GA T-304 S.S.T. SA-240 (WLD)	
TUBE SHEETS	3/4" THK (NOM) THK SA-240, T-304 S/S	
BODY FLANGES	SA-105 S/S	
BOLTING	SA-193-B7 C/S NUTS SA-193-B7 C/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) = 300 LBS
EST. WEIGHT (FULL OF H₂O) = 350 LBS

RECEIVED
JUN 20 1991
11 11 AM 1991

FITTING SCHEDULE						
MARK	SIZE	SCH.	RATING	DESCRIPTION	QUAN.	
N-1	1"	10	150"	FLG. CONN., SEE DWG. D-ND-71, DETAIL "7-7"	1	
N-2	2"			O-ND-71	1	
N-3	1"				1	
N-4	1"				1	

REFERENCE DWG'S

- D-91137 HEAT EXCHANGER DETAILS
D-ND-71 NOZZLE DETAILS

CUSTOMER: SOFIX CORPORATION	TAG NO. C-7183
PERRY PRODUCTS CORPORATION	
MOUNT LAUREL ROAD • HAINESPORT, NEW JERSEY 08036	
DRN. <u>22</u>	(1) 4" SIZE (15") HEAT EXCHANGER
DATE <u>6/1/91</u>	
CHKD. <u>JHR</u>	
NO. DATE BY	REVISIONS
SER. NO. B-4624	JOB NO. 13970 DWG. NO. D-91136

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1/14/90