

STRUTHERS SCIENTIFIC AND INTERNATIONAL CORPORATION

GENERAL NOTES

* 1) ALL FLANGE FACINGS TO HAVE STANDARD CONCENTRIC SERRATED FINISH SUITABLE FOR USE WITH FLEXITALLIC SPIRAL-WOUND GASKET FOR SERVICE INVOLVING VOLATILE, & FLAMMABLE MATERIALS

2) IF TUBE SHEET LAYOUT PERMITS ADDITIONAL TUBES, PROVIDE FULL BUNDLE

3) EXPANSION JOINT TO BE SELECTED FOR 20,000 CYCLES

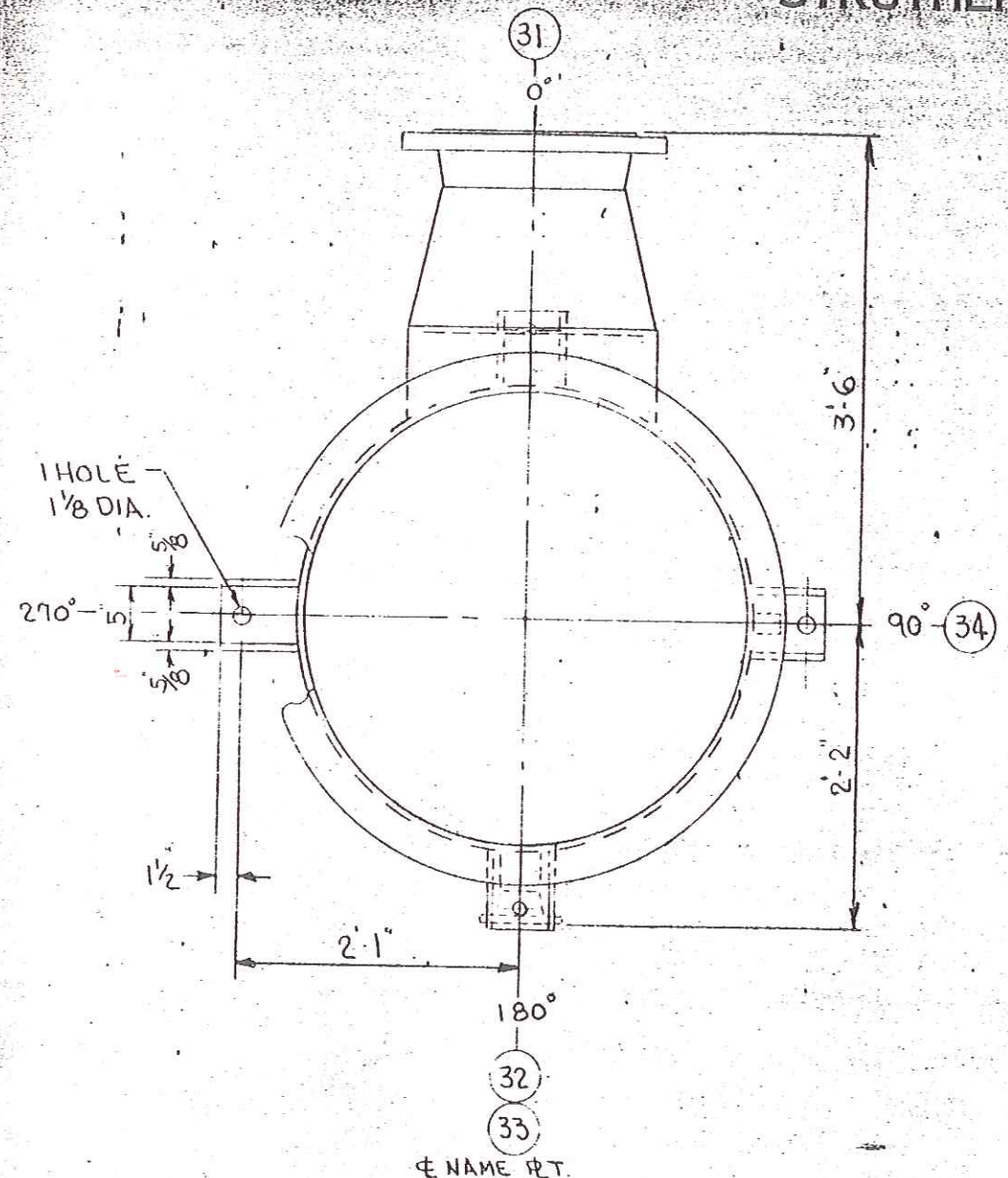
4) FIVE (5) UNITS REQ'D.

B.P.F. NO. 37114 DATE 1/27/67
SHEET 13 APPARATUS NO. E-417-6
PROJECT & ACCOUNT 26001 E-509-3
E-2501-3
E-2509-3

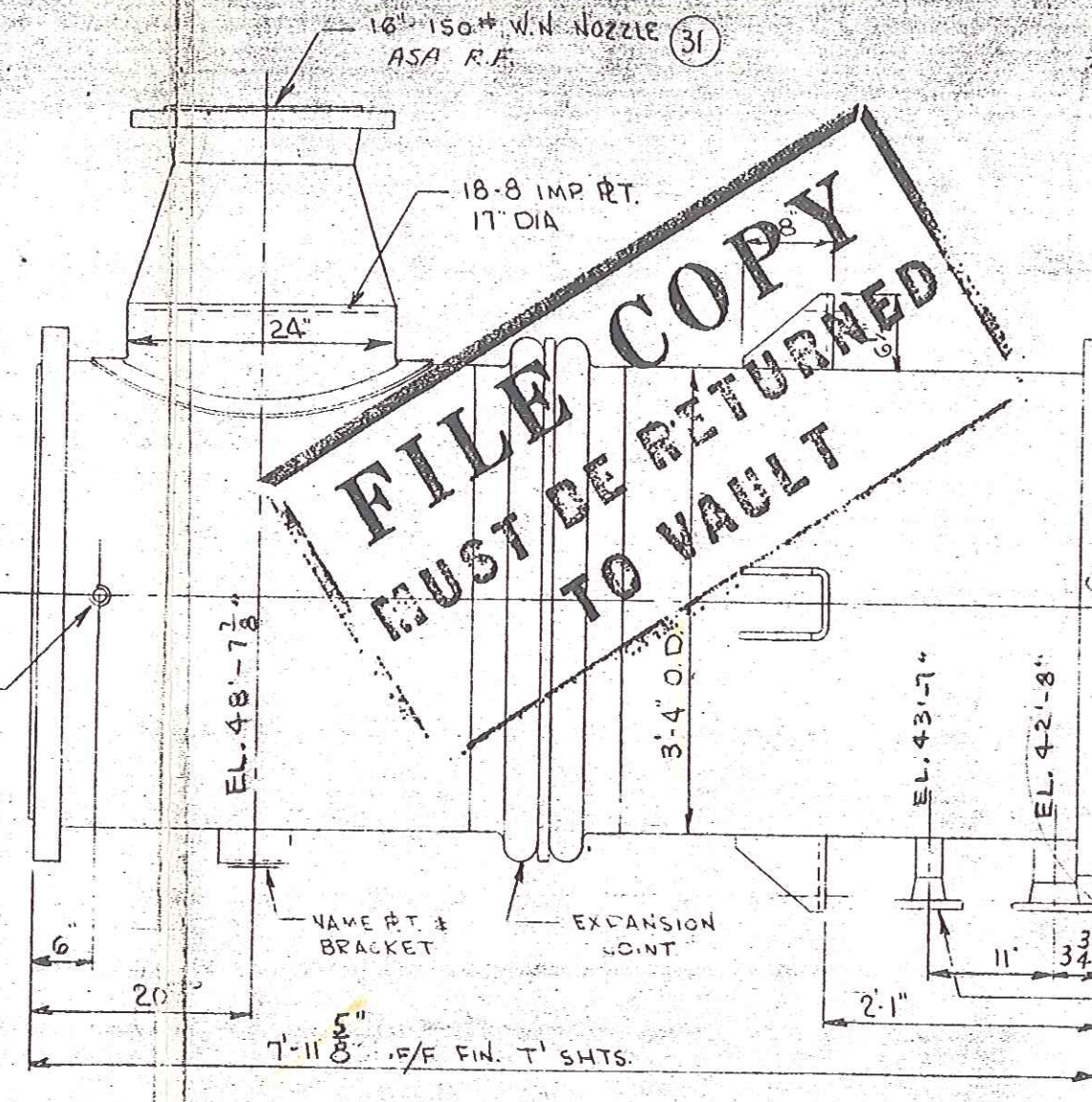
ORDER NO. 336-026-01082

PLANT ~~WILM.~~ - WILM., N. C.

APPROVED *H. G. Schuber*

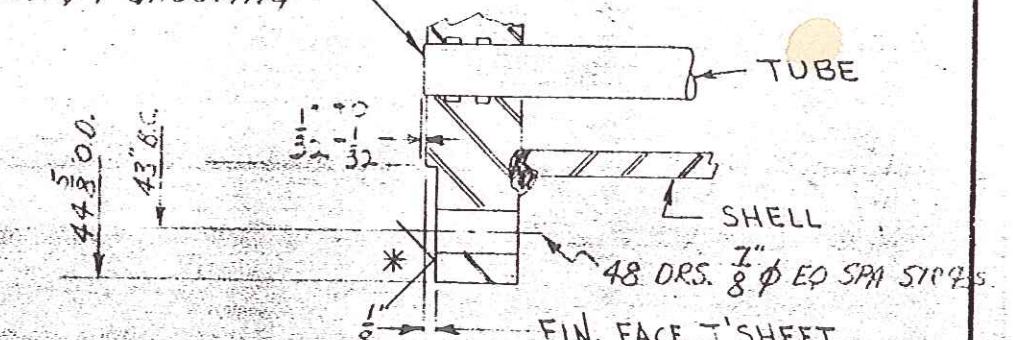


1/2 - 3000# CPLG (34)



FILE COPY
MUST BE RETURNED
TO VAULT

SEE DWG. "D1" FOR TUBE-
END WELDING & GROOVING



CONSTRUCTION: ASME CODE, SECT. VIII LATEST REVISION; TEMA "C"		
STAMP: NATIONAL BOARD		
INSPECTION: SSIC, CUSTOMER & INSURANCE		
GASKETS: FLEXITALLIC - AISI 304 WITH ASBESTOS FILLER		
BOLTS: ALLOY STL. SA193-B7 NUTS: CARBON STL. SA194 CL 2H		
WELDING: CODE		
	SHELL SIDE	TUBE SIDE
DESIGN PRESSURE	150# @ 370°F	120# & VAC. @ 299°F TO 76°F CYCLING
TEST PRESSURE	225#	
MATERIAL	CARBON STEEL	STNLS 304 TUBES & T'SHEETS
CORROSION ALLOW	1/16" STEEL	
TUBES		350 - 1 1/2" O.D. 16 GA. W.W.
TUBE LAYOUT		1 7/8" TRIANG. PITCH
TUBE SUPPORT R'S PER TEMA "C"		

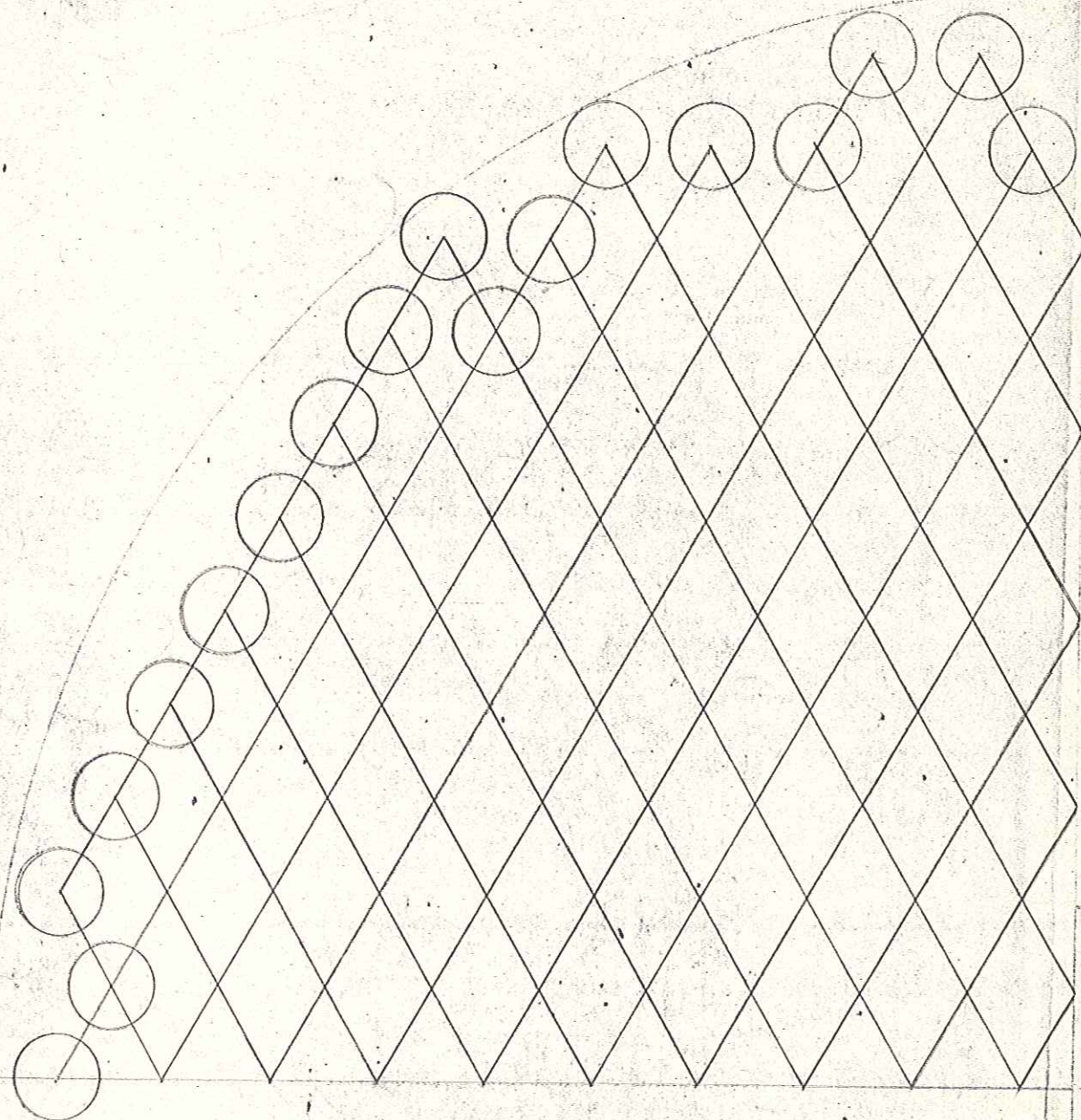
BY OTHERS.

NOV 2 66
CUST. ORD. NO. 336-026-01082-10-000-FCO
ITEM NO. E-101 A B C D E E
SSIC REF. NO. KEG-0586-E-201-E-101

REV. A	REV. A	REV. A	REV. A
REVISED PER SSIC	REVISED PER CUST. APP'D	REVISED PER CUST. APP'D	REVISED PER CUST. APP'D
APP'D. DATE	APP'D. DATE	APP'D. DATE	APP'D. DATE
12/1/66	12/1/66	12/1/66	12/1/66

REVISION	STRUTHERS SCIENTIFIC & INTERNATIONAL CORP. WARREN DIVISION	WARREN, PENNA.
A		
B		
C		
D		
E		
F		
G		
	DRAWN <i>D.L.K.</i>	DRAWING NUMBER
	CHECKED	66-94-6077 B-1
	SCALE 3/4" = 1'-0"	

HEATER OUTLINE #1041069
40" O.D. X 8'-0" TUBE LENGTH



38 $\frac{7}{16}$ TUBE CIRCLE

SYM. ABOUT ϵ 'S

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TO VAULT**

350-TUBES $1\frac{1}{2}$ " O.D. ON $1\frac{7}{8}$ " TRIANG. PITCH

SEE TUBESHEET & SUPPLY
DETAILS FOR DRILLING

B.P.F. NO. 37114	DATE 1/27/67
SHEET 14	APPARATUS NO. E-501-3
PROJECT & ACCOUNT 26001	E-509-3

ORDER NO. 336-026-01082

PLANT HANOVER WILM., N. C.
APPROVED H.G. Schuber

REV. Δ	CKD:	REV. Δ	CKD:
REVISED PER SSIC		#104069	
APR'D. PRINT DM 1-11-67			
TUBE LAYOUT			
FOR 40" O.D. HEAT EXCH. TYPE "N" T.L. 8'-0"			
DRAWN: MAX	DATE: 2/4/67	66-94-6072B2	
CHECKED: KEN J.	DATE: 12/27		
APPROVED:	DATE:		
SCALE: 4"	DATE:		

CUST. ORD. NO 336-026-01082-10-000-FGD
S.S.I.C. REF. NO. KEG-0586-E-201-E-101
ITEM NO. E-101 A,B,C,D & E

STRUTHERS WELLS CORPORATION

WARREN, PA.