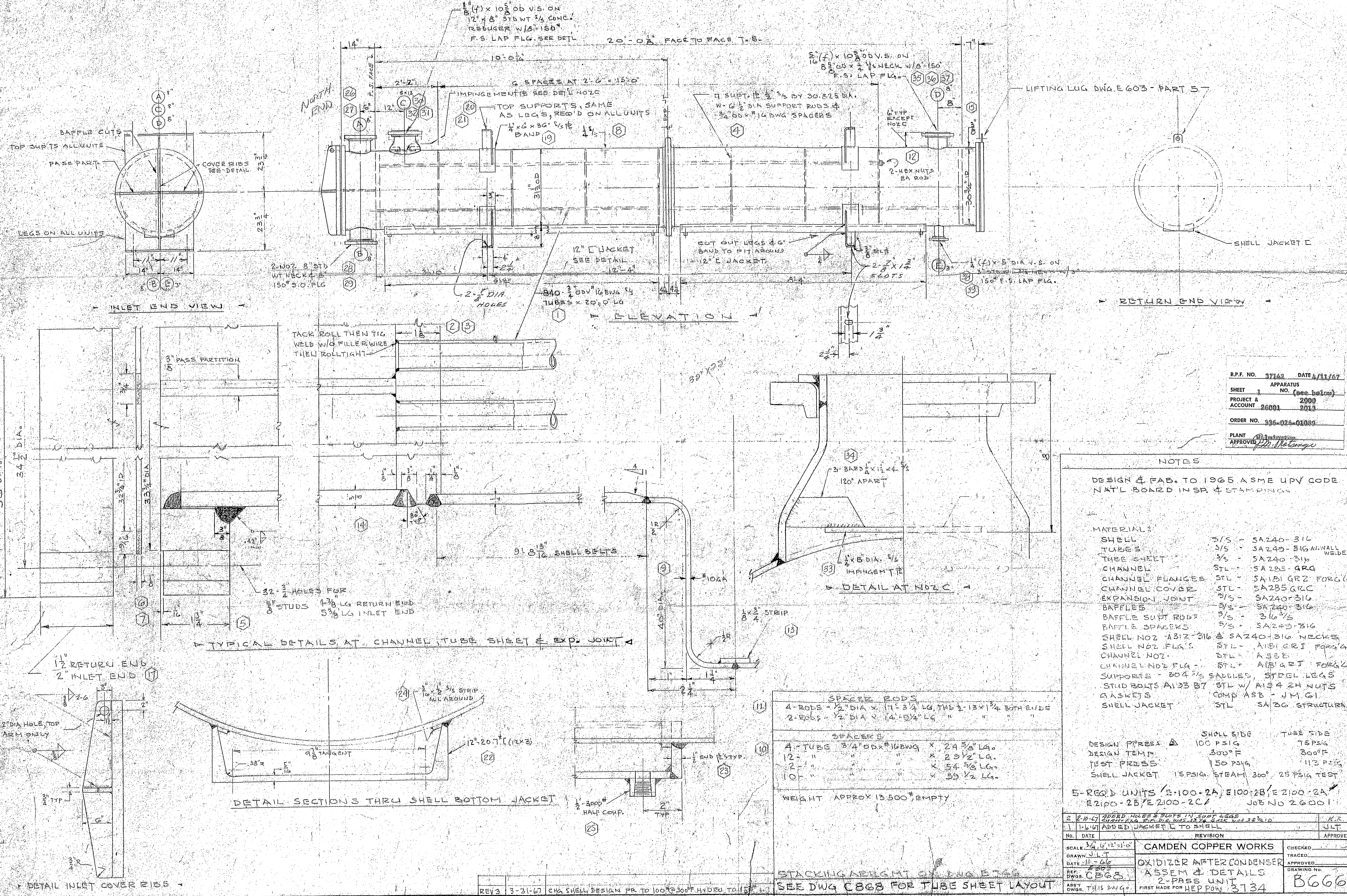




B.P.F. NO. 37142 DATE 6/11/67
 SHEET 1 APPARATUS NO. (see below)
 PROJECT & ACCOUNT 2000 2713
 ORDER NO. 136-026-01080
 PLANT APPROVED *[Signature]*

NOTES
 DESIGN & FAB. TO 1965 ASME UPV CODE
 NAT'L BOARD INSP & STAMPINGS

MATERIALS:

SHELL	3/8" - SA240-316
TUBES	3/8" - SA240-316 WALL WEIDED
TUBE SHEET	3/8" - SA240-316
CHANNEL	3" - SA285-GRC
CHANNEL FLANGES	STL - SA181 GR2 FORG'd
CHANNEL COVER	STL - SA285-GRC
EXPANSION JOINT	3/8" - SA240-316
BAFFLES	3/8" - SA240-316
BAFFLE SUPT RODS	3/8" - 316 SS
BAFFLE SPACERS	3/8" - SA240-316
SHELL NOZ - 1/2" - 316 & SA240-316 NECKS	
SHELL NOZ FLG'S	STL - A181 GR2 FORG'd
CHANNEL NOZ	STL - A388
CHANNEL NOZ FLG	STL - A181 GR2 FORG'd
SUPPORTS - 204 3/8 SADDLES, STEEL LEGS	
STUD BOLTS A193 B7	STL W/ A194 2H NUTS
GASKETS	COMP ASS - J.M.G.I.
SHELL JACKET	STL - SA136 STRUCTURAL

	SHELL SIDE	TUBE SIDE
DESIGN PRESS	100 PSIG	75 PSIG
DESIGN TEMP	300°F	300°F
TEST PRESS	150 PSIG	113 PSIG
SHELL JACKET	15 PSIG STEAM	300° 25 PSIG TEST

5-REQ'D UNITS 13-100-2A, 100-28/E 2100-2A
 12100-2B/E 2100-2C/ JOB NO 26001

NO.	DATE	REVISION	APPROVED
2	6-11-67	ADDED NOZ & SLOTS IN SUPT LEGS	K.R.
1	11-6-66	SHOWN JACKET TO SHELL	JLT

CAMDEN COPPER WORKS		CHECKED
DRAWN JLT	OXIDIZER AFTER CONDENSER	TRACED
DATE 11-6-66	ASSEM & DETAILS	APPROVED
REP DWGS C868	2 PASS UNIT	DRAWING NO. B666
ASSY DWGS THIS DWG	FIRST MADE FOR HEPPOW	3734

REV 3 3-31-67 CHG SHELL DESIGN FR TO 100° F 300° F HYDRO TO 100° F
 W.A.S. 75 W.A.S. 118

SPACE RODS

4-RODS - 1/2" DIA X 17'-3 1/4" LG. TW 1/2-13 X 1/4 BOTH ENDS
2-RODS - 1/2" DIA X 14'-0 1/4" LG. " " " "

SPACERS

4-TUBE 3/4" O.D. X 1 1/8" B.W.G. X 24 5/8" LG.
12- " " " X 23 1/2" LG.
12- " " " X 54 5/8" LG.
101- " " " X 55 1/2" LG.

WEIGHT APPROX 13,500# EMPTY

STACKING HEIGHT 6' 0" DIA E 7' 6"
 SEE DWG C868 FOR TUBE SHEET LAYOUT