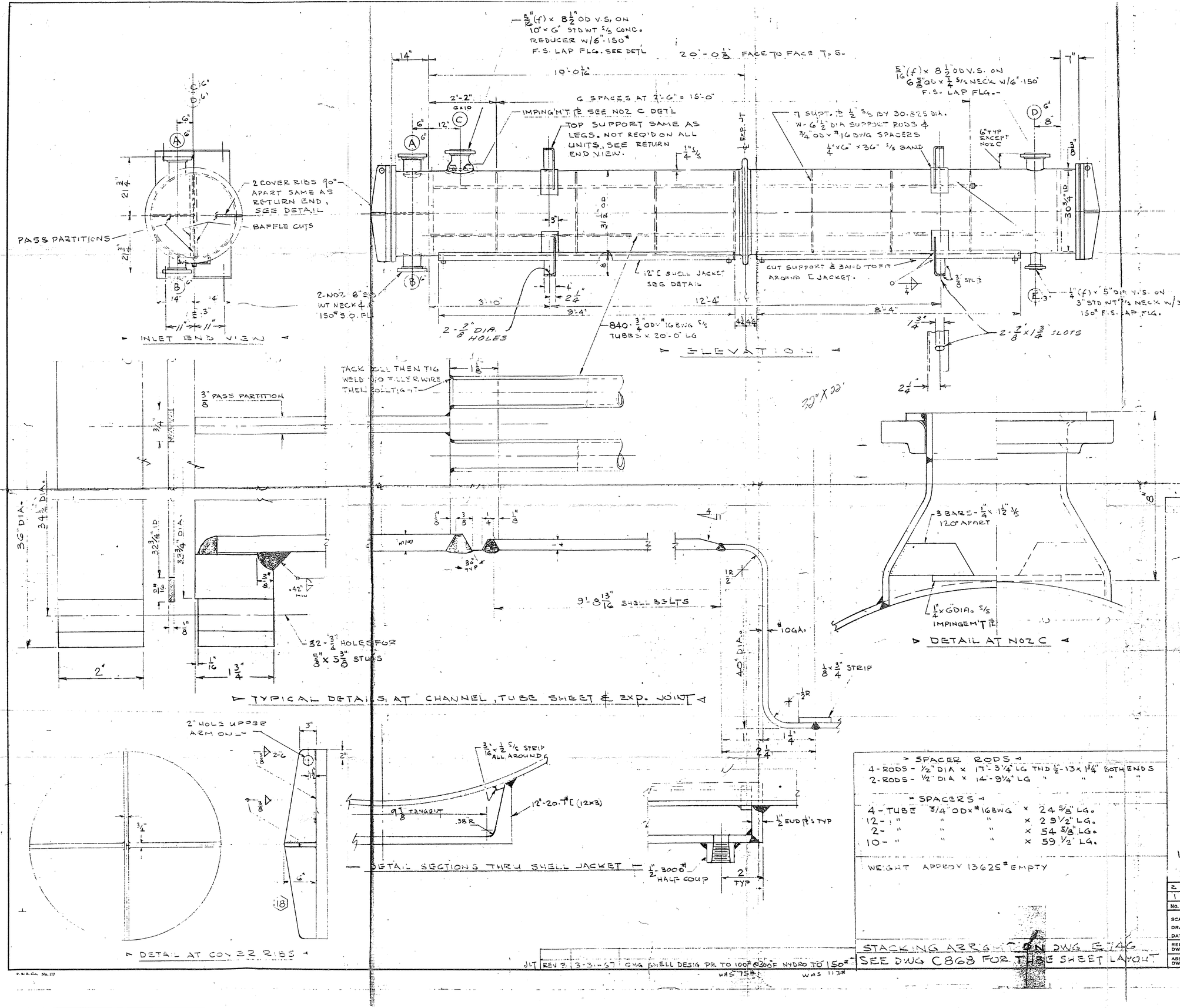

B.P.F. NO. 37143 DATE 4/21/67

SHEET 1 APPARATUS NO. (see below)

PROJECT & ACCOUNT 28001 2000 2913

ORDER NO. 338-026-01089

PLANT Wilmington

APPROVED J.M. Natenzon

NOTES

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

MATERIAL:

SHELL	S/S -	SA240-316
TUBES	S/S -	SA249-316 AW. WALL WELDED
TUBE SHEET	S/S -	SA240-316
CHANNEL	STL -	SA285 GRC
CHANNEL FLANGES	STL -	SA181 GR2 FORG'G
CHANNEL COVER	STL -	SA212 GRB
EXPANSION JOINT	S/S -	SA240-316
BAFFLES	S/S -	SA240-316
BAFFLE SUPT RODS	S/S -	316 S/S
BAFFLE SPACERS	S/S -	SA249-316
SHELL NOZ - A312-316 &		SA240-316 NECKS
SHELL NOZ FLG'S	STL -	A181 GR1 FORG'S
CHANNEL NOZ. NECK	STL -	A53B
CHANNEL NOZ. FLG'S	STL -	A181 GR1 FORG'S
SUPPORTS -	304 S/S SADDLES, STEEL LEGS	
STUD BOLTS	A193 B7 STL W/ A194 2H NUTS	
GASKETS	COMP ASB - [illegible]	
SHELL JACKET	STL	SA36 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°F	25 PSIG TEST

10 UNITS REQ'D NOS - E-100-A1, E-100 A2, E-100-B1, E-100-B2, E-2100-A1, E-2100-A2, E-2100-B1, E-2100-B2, E-2100-C1, E-2100-C2.

No.	DATE	REVISION	APPROVED
2	2-10-67	ADDED PLATES & SLOTS IN SUPP'T-LEGS CHANGED CHANNEL FLG'S TO DIV. 2 & ASME DIMS.	KaR
1	1-6-67	SHELL JACKET ADDED VPF# 37143	VLT

SCALE 3/4", 6", 12" = 1'-0"
DRAWN J.L.T.
DATE NOV 66
REF. DWGS. C868
ASSY DWGS. THIS DWG

CAMDEN COPPER WORKS

OXIDIZER CONDENSER ASSEM & DETAILS 4 PASS UNIT

FIRST MADE FOR HEP POW 3734

CHECKED
TRACED
APPROVED
DRAWING No. B667

#104109

P.B.P.Co. No. 177