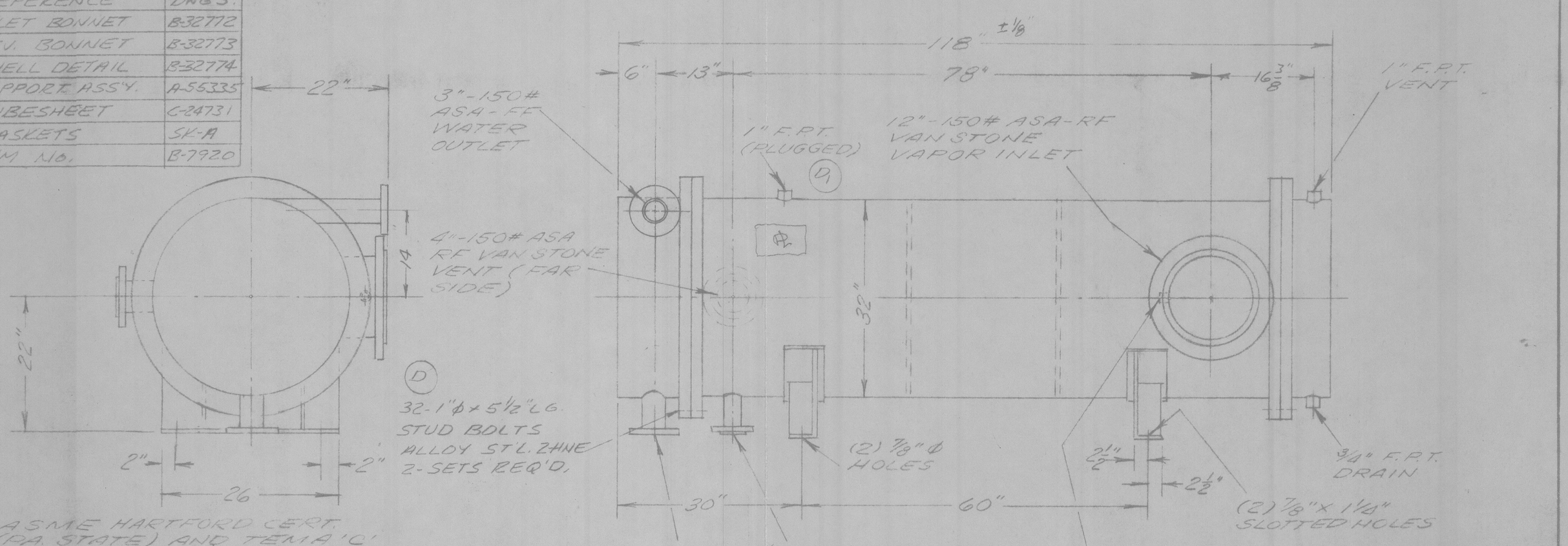
REFERENCE	DWG'S.
INLET BONNET	B-32772
REV. BONNET	B-32773
SHELL DETAIL	B-32774
SUPPORT ASS'Y.	A-55335
TUBESHEET	C-24731
GASKETS	SK-A
B/M NO.	B-7920



ASME HARTFORD CERT. (PA. STATE) AND TEMA 'C'

CAPACITY: CONDENSE AND COOL 638 #/HR. OF ALCOHOL VAPOR AND 890 #/HR. OF STEAM IN THE SHELL @ 355°F. AND OUT @ 75°F. (25mm HG ABS.) WHEN SUPPLIED WITH 157 G.P.M. OF WATER IN TUBES @ 60°F. OUT @ 75°F. – WATER P.D. 6.0 P.S.I.G.

HEAT LOAD – 1,174,270 BTU/HR. TOTAL FOULING .003

ALL WETTED SURFACES ON SHELL SIDE 304 S.S. BALANCE CARBON STEEL

SURFACE: 878 SQ. FT. OF 3/4" O.D. x 18 B.W.G. 304 S.S. W.A.W. TUBING

12-PASS CONSTRUCTION.

SHELL THICKNESS 1/4"
DRY WEIGHT —— 5200#
OPERATING WEIGHT - 6200#

U.S. STEEL CHEMICALS
ITEM NO. 33-309
DWG. P.O. #3975

CERTIFIED CORRECT
H. Shukla
CHIEF DRAFTSMAN

TEMP. DATA		PRESSURE DATA DESIGN	PRESSURE DATA TEST
450° F.	SHELL	FULL VAC. & 75 PSIG	144 P.S.I.G.*
200° F.	TUBES	75 P.S.I.G.	113 P.S.I.G.

*VACUUM TEST SHELL SIDE @ 10mm HG ABS. – MAX. 5 mm HG LOSS IN 30 MIN.

MK	REVISION RECORD	DATE	BY	CK. BY	NO. PRINTS
-1	WAS E1065104 WAS PITTSBURGH CHEM. CO.				
	PER CUST. PRINT 4-21-66	5-12-66	TEH		

P-K TYPE 'O' HORIZONTAL STRIPPER CONDENSER
12 PASS MODEL 32-8

THE PATTERSON-KELLEY CO., INC.
717 421 7600 EAST STROUDSBURG, PA.

DRAWN BY
CHECKED BY— JRM
APPROVED—
DATE— 2/4/66

REFERENCE No. 184813
FILE-B
DWG. No. B-31813-1

HE-250