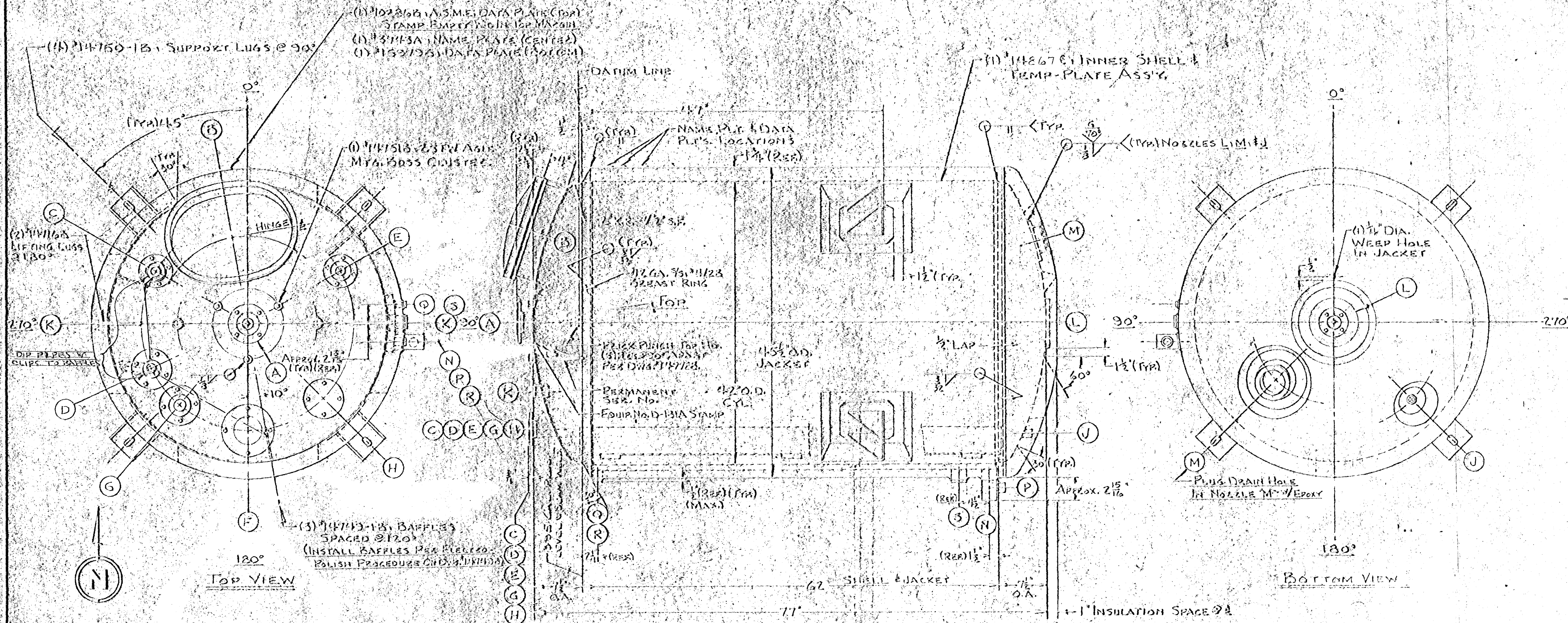




VESSEL NOZZLE SCHEDULE							
NOZZLE	No. REQ'D.	SIZE	LOCATION		DWG.No.	DESCRIPTION	NOZZLE SERVICE
			DEGREES FROM 0° SHOWN	RADIUS FROM CTR. LHS.			
A	1	2"	AT CTR. TOP HEAD		14756-13	VAN STONE TYPE	AGITATOR
B	1	14"x13"	355°	12 $\frac{3}{4}$ "	14423D		MANWAY
C	1	1 $\frac{1}{2}$ "	300°	16"	14753-13	VAN STONE TYPE	INLET
D	1	2" 1"	245°	16"	14755C	VAN STONE TYPE	RETURN
E	1	1 $\frac{1}{2}$ "	60°	16"	14753-13	VAN STONE TYPE	INLET
F	1	4 $\frac{3}{4}$ "	180°	15 $\frac{1}{2}$ "	14717C		LIGHT GLASS
G	1	2"	220°	16"	14753-28	VAN STONE TYPE	VENT
H	1	2"	135°	16"	14754-13	VAN STONE TYPE	SPARE 1/2" GASKET & BLIND FLG.
J	1	1 $\frac{1}{2}$ "	225°	16 $\frac{5}{8}$ "		3000 1 1/2" FULL CPLG.	T.W. CONNECTION
K	2	1 $\frac{1}{2}$ "	90° & 270°	10 $\frac{1}{2}$ "	14780B	3000 1 1/2" FULL CPLG. SEAL & S.S. POLYALOID	SPRAY
L	1	2"	AT CTR. BOTTOM			3000 1 1/2" FULL CPLG. SEAL & S.S. POLYALOID	OUTLET FULL BOTTOM VALVE S.S. POLYALOID
M	1	4 1/2" 10"	135°	12"	SEE NOTE #1	3000 1 1/2" FULL CPLG. SEAL & S.S. POLYALOID	L.I. CONNECTION
N	1 (REF)	1 $\frac{1}{2}$ "	SEE DWG. 147867C FOR CALL OUT			3000 1 1/2" FULL CPLG.	INLET (TEMP. PL.)
P	1 (REF)	1"	"	"	"	3000 1 1/2" FULL CPLG.	DRAIN (" ")
Q	1 (REF)	1 $\frac{1}{2}$ "	"	"	"	3000 1 1/2" FULL CPLG.	VENT (" ")
R	1 (REF)	1"	"	"	"	3000 1 1/2" FULL CPLG.	R.V. CONNECTION (" ")
S	1 (REF)	1 1/2"	"	"	"	3000 1 1/2" FULL CPLG.	OUTLET (" ")

NOTES:

1. VESSEL TO BE PASSIVATED ON INTERIOR ONLY
2. OUTSIDE MANUAL WELDS TO BE GROUND & BUFFED TO REMOVE DISCOLORATION.
OUTSIDE AUTOMATIC WELDS TO BE RIBBON POLISHED (12W)
3. TEMP. PLATE ~ AREA 47 SQ. FT. VOLUME 46 CU. FT.
4. USE WELDING PLUG IN "FOXBORO" SPUD TO CONTROL DISTORTION & SHRINKAGE.
5. PROVIDE PLYWOOD COVERS ON ALL OPENINGS FOR SHIPPING.
DRILL (2) 1/4" DIA. HOLES IN AGITATOR NOZZLE PLYWOOD COVER FOR VENTING.
USE PLASTIC CAPPLUGS IN ALL COUPLINGS.
6. THIS VESSEL DESIGNED FOR 230" AGITATOR.
7. EST. VESSEL EMPTY WT. 1010#
8. ALL NOZZLE ORIENTATIONS PER. TOP & BOTTOM VIEWS.
9. NOTE FOR "POLAKOID" INFORMATION ONLY.
INTERNAL MARL. FINISH ~ SANITARY 44 (150 GRID)
EXTERNAL MARL. FINISH ~ INDUSTRIAL 44 (150 GRID)
10. INTERIOR OF VESSEL TO BE ELECTRO-POLISHED.
ASS'Y SHALL BE IN ACCORDANCE WITH
"PAUL MUELLER CO." PROCEDURES.
11. ENTIRE VESSEL EXTERIOR TO BE SPRAYED WITH PONTIAC PMC PROTECTIVE WAX COATING PRIOR TO SHIPPING.

[illegible]

91501

RECEIVED
OCT 10 1970
CHEM. ENGR

NOTES
(SEE NOTES BELOW)

ALL S/S TYPE 304

MATERIAL AND FINISHES

Shell #12 GA. 304 YS. #1100 GRIT (SA-220)

Musket Temp-Fin. #18 GA. 304 YS. #283 (SA-220)

ON #12 GA. 304 YS. #1100 GRIT (SA-220)

Jacket #14 GA. 304 YS. #28/14

Hoods (TOP) #12 GA. 304 YS. #11/25

(INNER BTD) #10 GA. 304 YS. #11/20

(OUTER BTD) #12 GA. 304 YS. #28/14

Insulation 1 1/2" JOHNS-MANVILLE
MICROTUF FIBREGLOSS BLANKE
*FLS. DENSITY. (SEE DWG #143338
Point. THUR-MA-Lox 70 ON TEMP-PLT.

WELD FINISHES
Interior: GRD. FLUSH & RIBBON POLISHED (#11W)
(SEE NOTE #2)

SPECIFICATIONS	High Temperature Surface	Vertical
ASME Code	YES	No
Stirle Code		
Insp. and Stamp	YES	No
Design Temp. °F	325	325
Working Temp. °F	180	AMBIEN
Design Press. P.S.I.	110	0
Working Press. P.S.I.	100	AMBIEN
Hydrastatic Test P.S.I.	188	0
Pneumatic Test P.S.I.		
Vacuum Test. In Hg.		0
Heating Medium	WATER	
Cooling Medium	WATER	

SYSA	REVISION	BY	DATE
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A REVISED & REDRAWN CER 6/12/71

B NOZZLE 1" WAS HALF (PIC CE 8613)

740331E "B" WAS HALE (31)

PELLETED LITING LUXE (CB 337)

D QUEER BOTTOM WASHER CE 3-3-37

F TEMP. FL. VOLUME WAS. 1120 Cu. Ft. CER 7-15

REVISED PER CUSTOMER REQUEST
TEMP-PLT ASS'Y WAS #14753C

IF OUTLET BREAST RING WAS @ 30° C.F. 3.2.7

ACCORD INSUL. DIV. & BIRMINGHAM, ALA. 35201

10-10-68

Scale **NONE**

Drawn BELSHIE Date 6-12-70

Checked *Flm* Date *6-18-70*

Approved MAYNARD Date 6-18-70

Customer: POLAROID CORP.

Address CAMBRIDGE, MASS.

Customer Order No. P.O. 301519

14-00000

150 (A) SEP 1950

350 GAL. SPECIAL MODEL F

ALFRED W. CATHER

W. J. (ONE)

Number Required: (ONE)

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FAX: 435-437

WORK SHEET NO. _____ DRAWING NO. _____