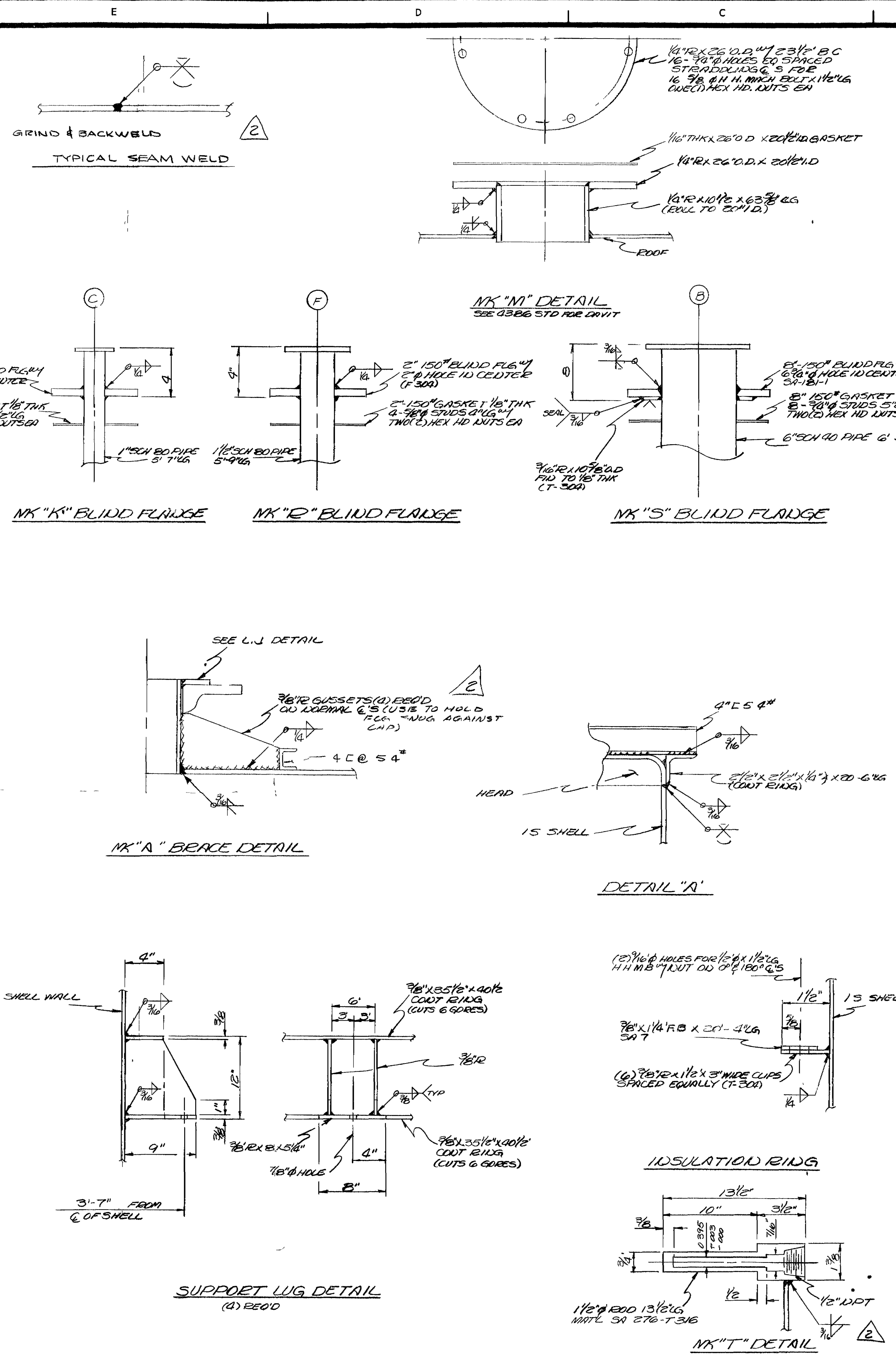
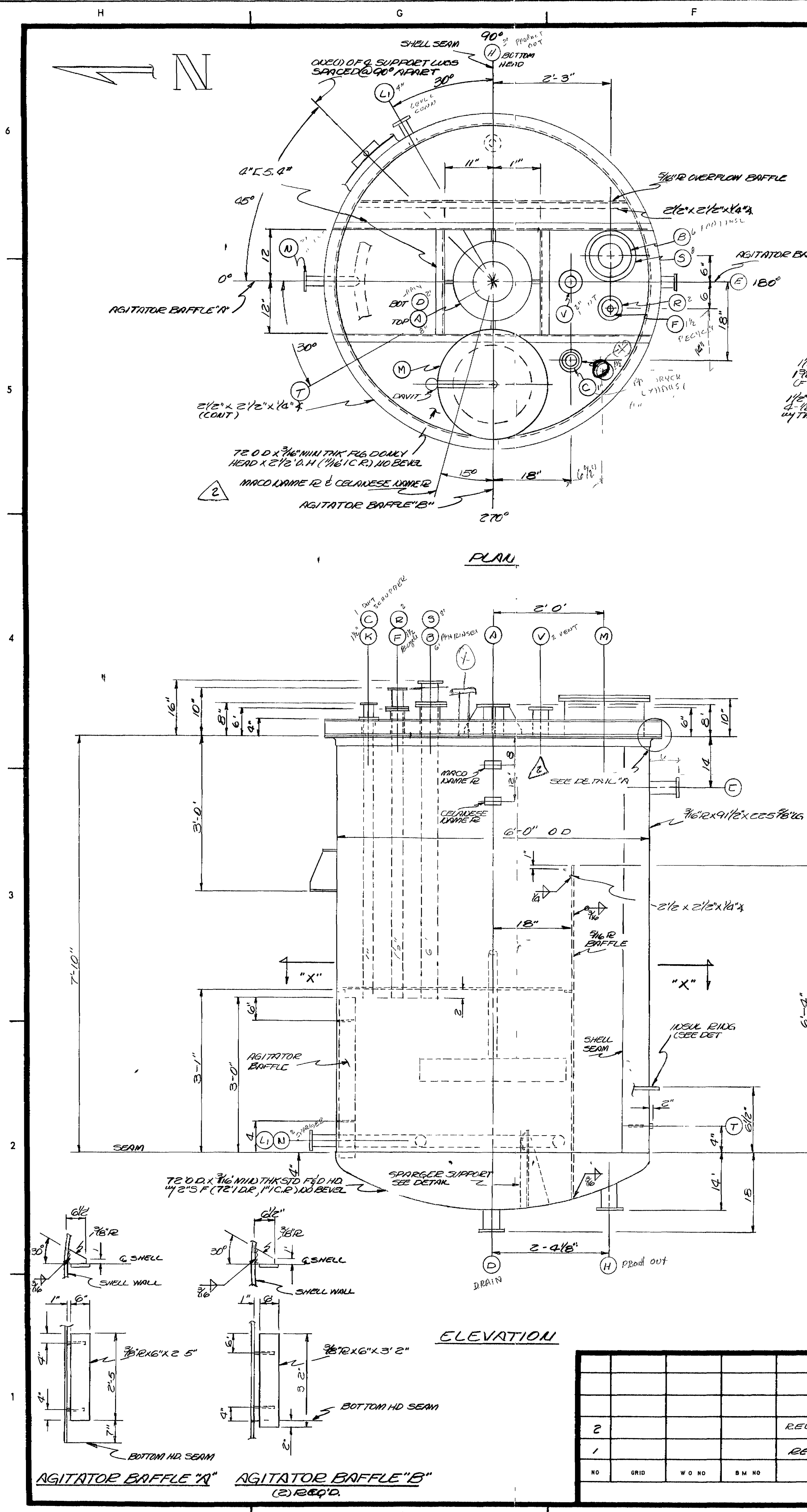




SCHEDULE OF OPENINGS									
NO	SIZE	SERIES	FLG	NECK	REQD	PAID	SERVICE	REMARKS	
A	1 8"	150	LJ	40	SEE ELEV		AGITATOR COUPL		
B	1 6"	150	LJ	40	SEE ELEV		MAIN RISE		
C	1 1"	150	LJ	80	SEE ELEV		PREHEAT EXHAUST		
D	1 2"	150	LJ	40	SEE ELEV		DEWAX		
E	1 2"	150	LJ	40	3'-6"		OVERFLOW		
F	1 1 1/2"	150	LJ	80	SEE ELEV		RECYCLE		
H	1 3"	150	LJ	40	SEE ELEV		PRODUCT OUTLET		
K	1 1 1/2"	150	LJ	80	SEE ELEV		COUPL FOR "C"		
L	1 4"	150	LJ	40	3'-6"		LEVEL COUPL		
M	1 20"	AD1	R	14'-12"	SEE ELEV		MAINWAY	1" COVER & DRAIN	
N	1 2"	150	LJ	40	3'-6"		STEAM SERVICE	SEE DETAIL	
R	1 2"	150	LJ	40	SEE ELEV		COUPL FOR "H"		
S	1 8"	150	LJ	40	SEE ELEV		COUPL FOR "B"		
V	1 2"	150	LJ	40	SEE ELEV		VENT		
T	1	THREHAWELL					CELANESE STD #17		
			</						

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
Alternate Form Single Chamber Completely Shop-Fabricated Vessels Only

1 Manufactured by METAL ARTS COMPANY HOUSTON, TEXAS
(Name and address of Manufacturer)
2 Manufactured for CELANESE CHEMICAL COMPANY BISHOP, TEXAS
(Name and address of Purchaser) **94124**
3 Type VERT. Vessel No. (4386-E) (Mfrs. Serial) (State & State No.) Natl Bd No. Yr. Built 1965
(Hor. or Vert.)
4 Shell Matl SA240-T304 TS 75000 Nom Thk 3/16 Corr Allow 0 In Diam 6 Ft 0 In Length 8 Ft 0 In
(Kin. or Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)
5 SEAMS DBL. BUTT NO H T NO V R NONE Sectioned NO Efficiency 70 %
(Welded Dbl. Single Lap Butt) (Yes or No) (Spot or Complete) (Yes or No)
Girth DBL. BUTT H T NO V R NONE Sectioned NO No. of Courses 1
If riveted or brazed describe seams fully under remarks
6 HEADS (a) Material SA240-T304 TS 75000 (b) Material SA240-T304 TS 75000
Location (Top bottom ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
(a) Top 3/16" min 11/16"
(b) Bottom 3/16" min 72" 1"
If removable bolts used (Material Spec No. T.S. Size Number) Other fastening (Describe or Attach Sketch)
7 Constructed for max allowable working press 0 psi at max temp 400 °F Min temp (when less than -20°) °F Hydrostatic Pneumatic or Combination } Test Full of Water psi
8 SAFETY OR RELIEF VALVE OUTLETS Number NONE Size Location
9 NOZZLES
Purpose (Inlet Outlet Drain) Number Diam. or Size Type Material Thickness Reinforcement Material How Attached
Outlet 1 3" L.J. T-304 Sch. 40 None Welded
Drain 1 2" L.J. T-304 Sch. 40 None Welded
10 INSPECTION Manholes No. 1 Size 20" Location Top Head
OPENINGS Handholes No. Size Location
Threaded No. Size Location
11 SUPPORTS Skirt NO Lugs 4 Legs 0 Other Attached Welded to Shell
(Yes or No) (Number) (Number) (Describe) (Where & How)
12 REMARKS

NOT FOR LETHAL OR NUCLEAR SERVICE

(Brief description of purpose of the vessel as Air Tank Water Tank L.P.G. Etc - State Contents
if postweld heat treated
List other internal or external pressures with coincident temperature when applicable)

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels

Date 12-13-66 19 66 Signed METAL ARTS COMPANY
(Manufacturer)

Thomas E. Yeager
Thomas E. Yeager

Certificate of Authorization Expires 12/31/67

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY _____ at _____
I, the undersigned holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of _____ and employed by _____ of _____
_____ have inspected the pressure vessel described in this manufacturer's data report on _____ 19 _____ and state that to the best of my knowledge and belief the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code
By signing this certificate neither the Inspector nor his employer makes any warranty expressed or implied concerning the pressure vessel described in this manufacturer's data report. Furthermore neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection
Date _____ 19 _____
Inspector's Signature _____ Commissions _____ Nat'l Board or State and No. _____