

93421

V-6303B

CC: 0046 TMOA

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Rev	Date	Reviewed by:	Approved by: Engineering Manager
0	2/24/98	J. Angelo	

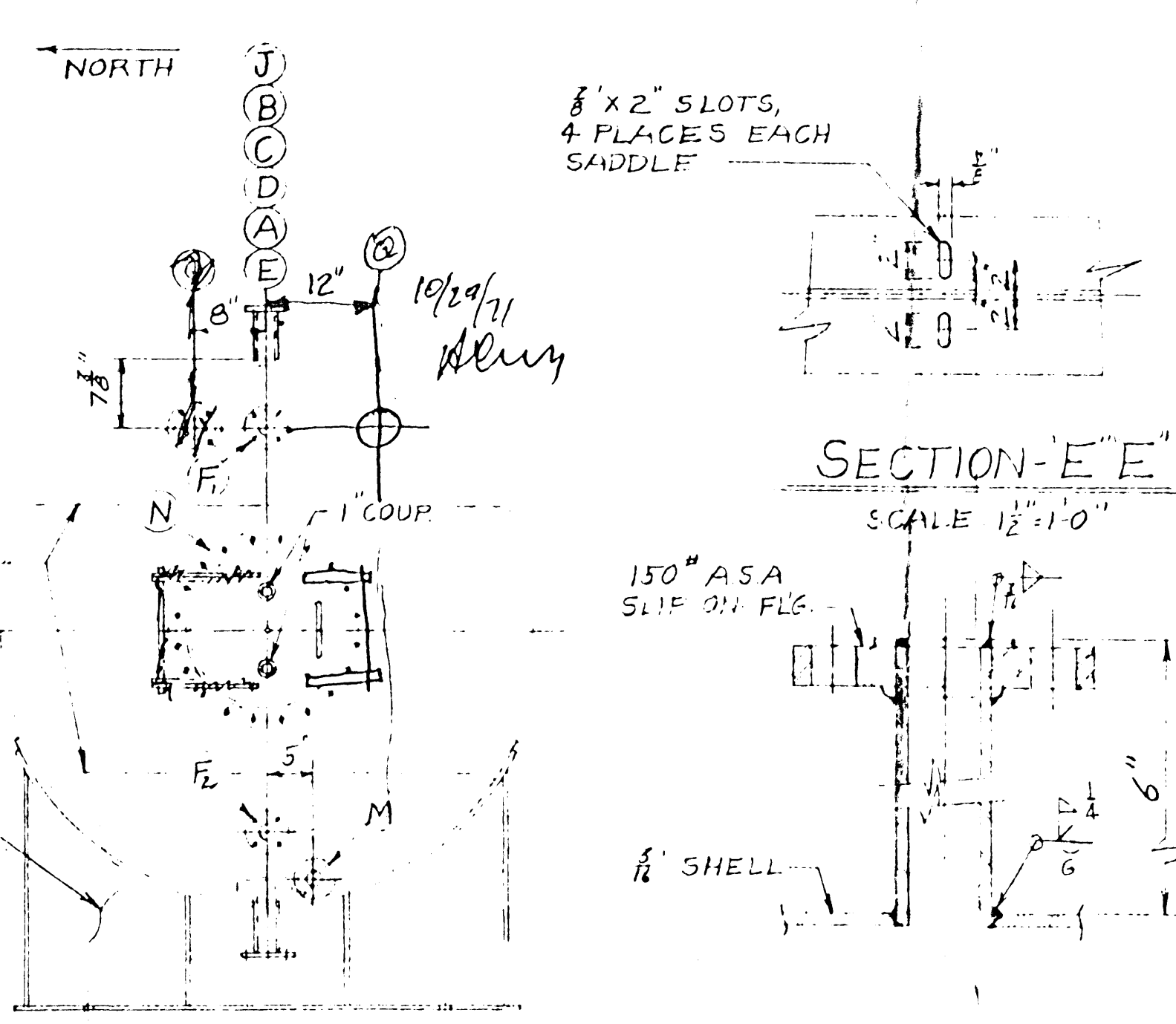
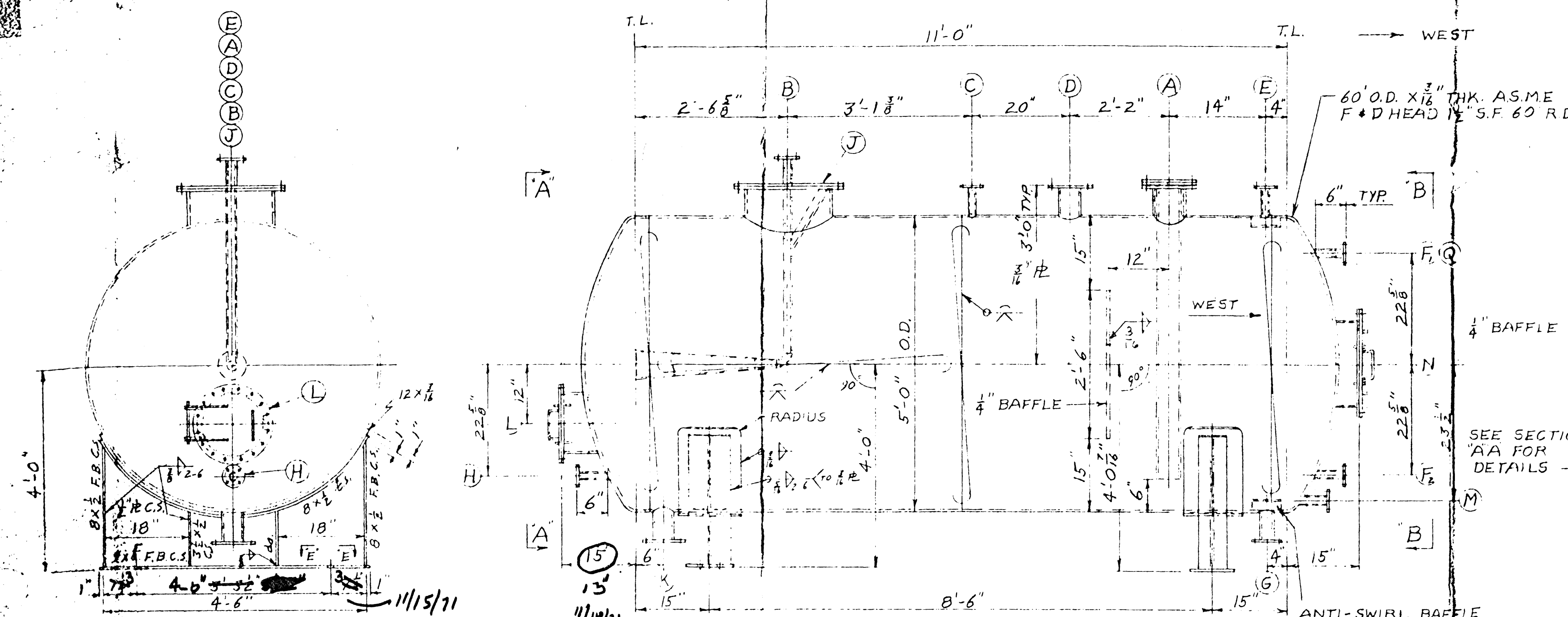
EQUIPMENT - DATA SHEET

Equipment : V-6303B (TMOA Finished Goods Storage Tank)
Manufacturer : McNamara & Company (out of business)
Year Fabricated : 1971
Natl. Board No. : ASME Sec VIII (not stamped)
Serial No. : No Nameplate
Classification : Class 2
PSM Covered : Yes
P&ID's : 6-F-3A
TML Dwg. No. : PSM-V6303B
Contents :

Acetonitrile	(<0.5%)	Methyl Acetate	(<0.1%)
Methyl Chloride	(<0.1%)	MCT	(<1.0%)
TMOA	(98.4%)	Methyl Triazine	(<0.1%)
Methanol	(<0.5%)		

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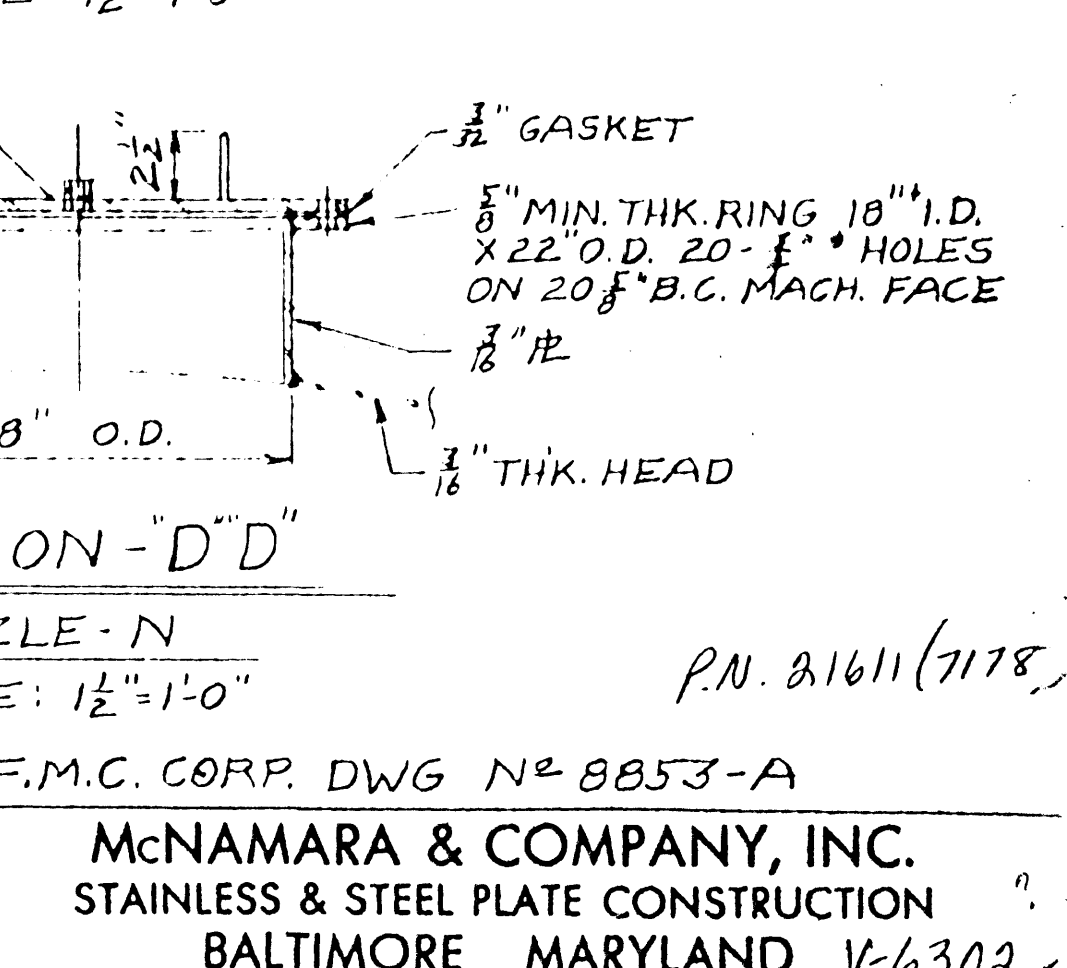
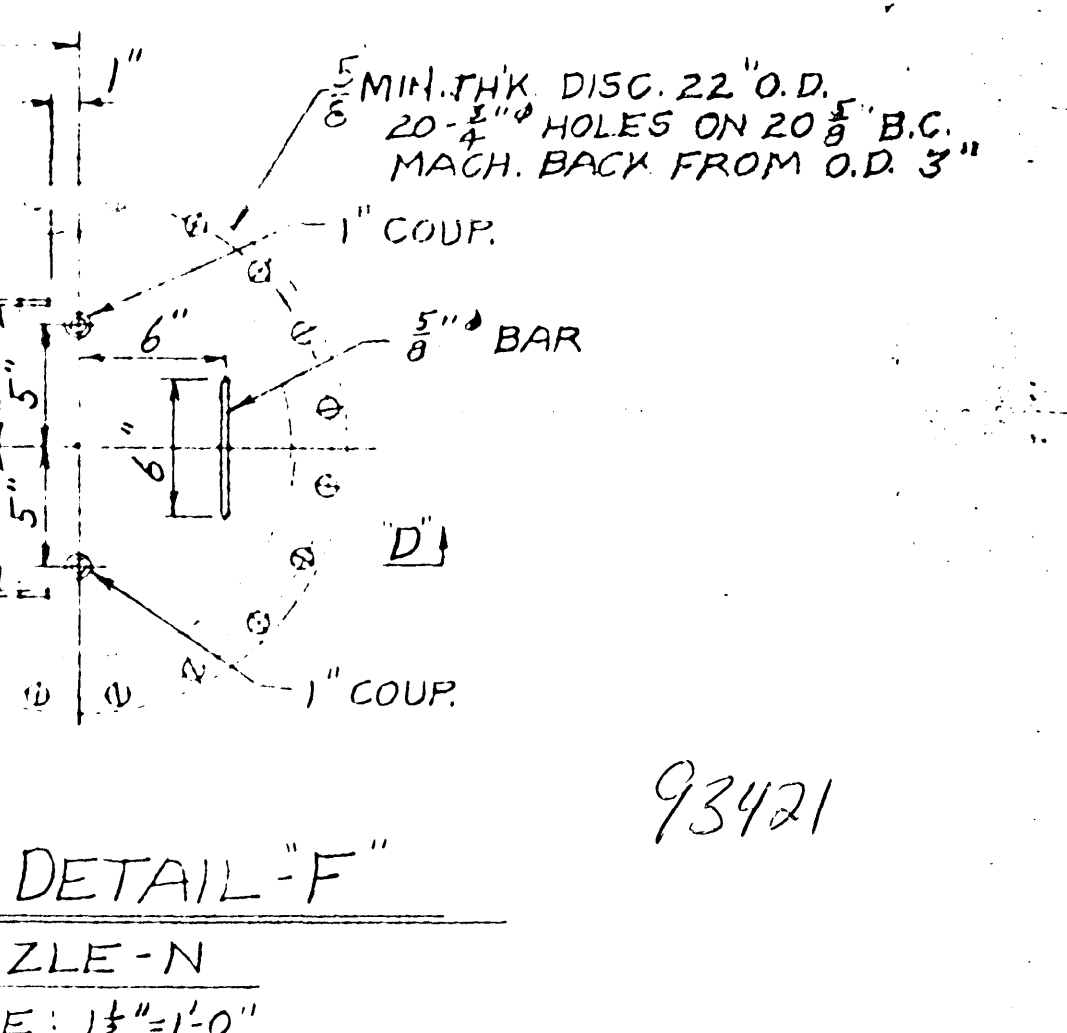
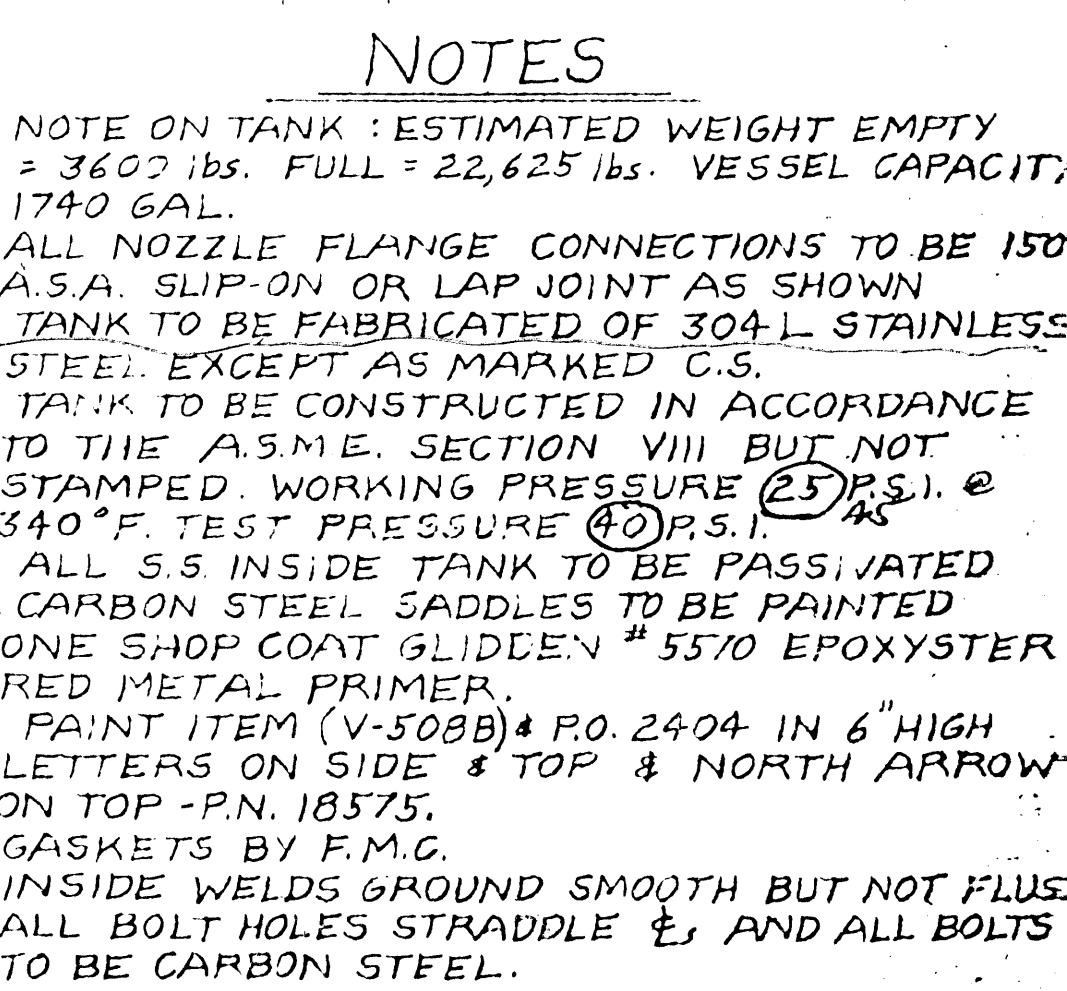
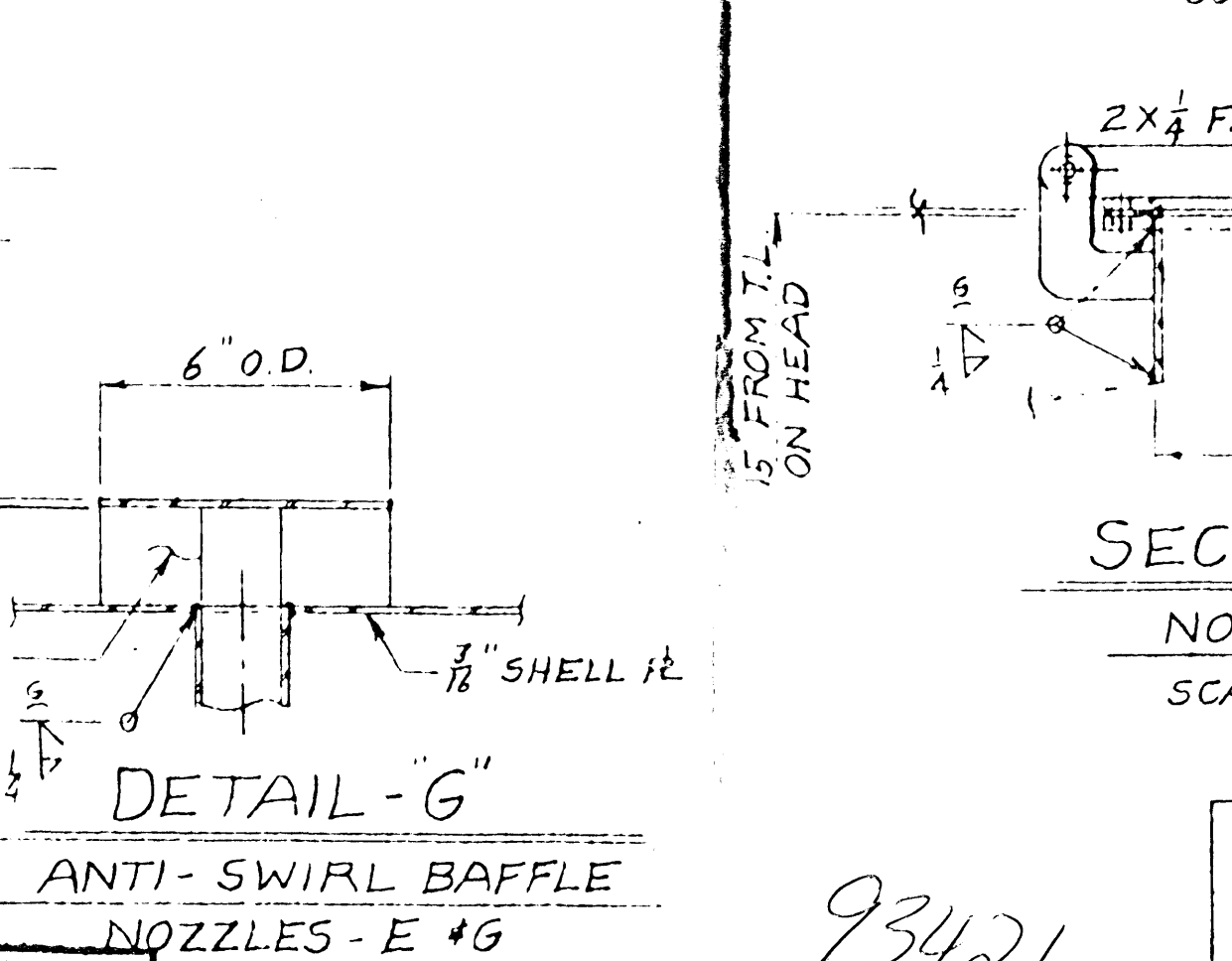
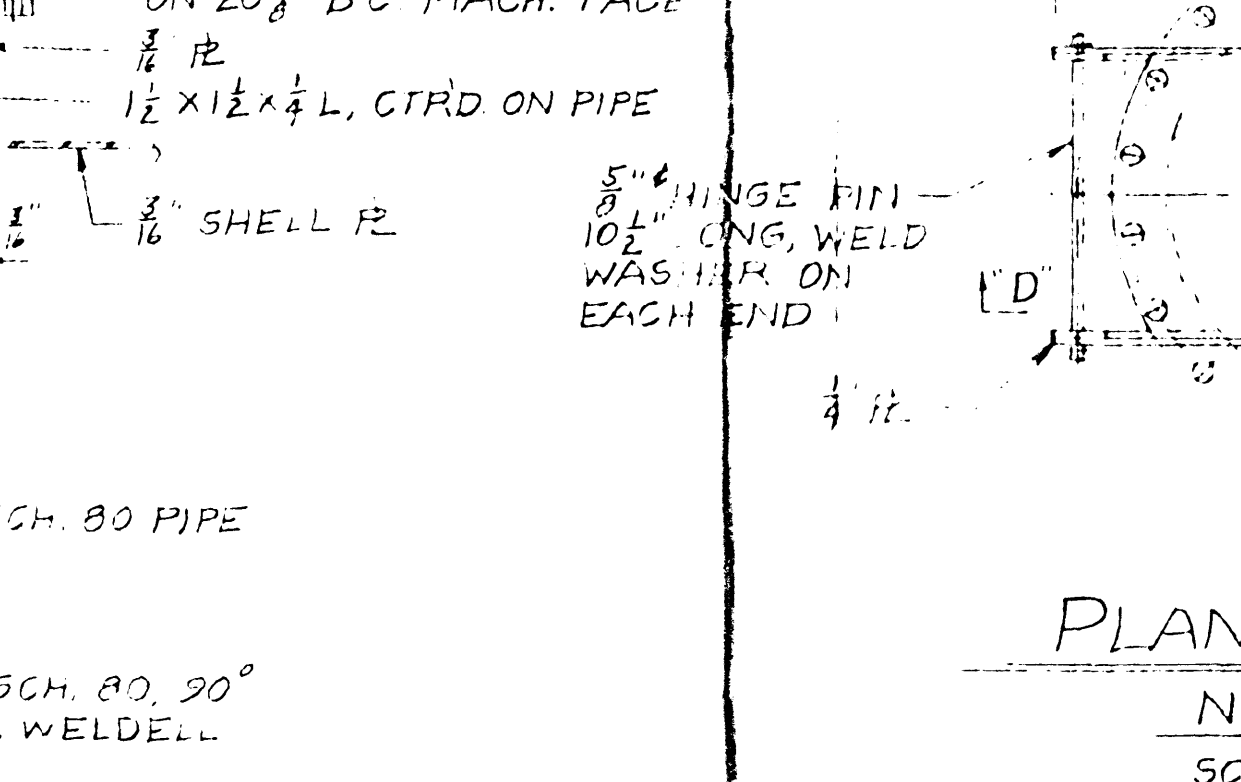
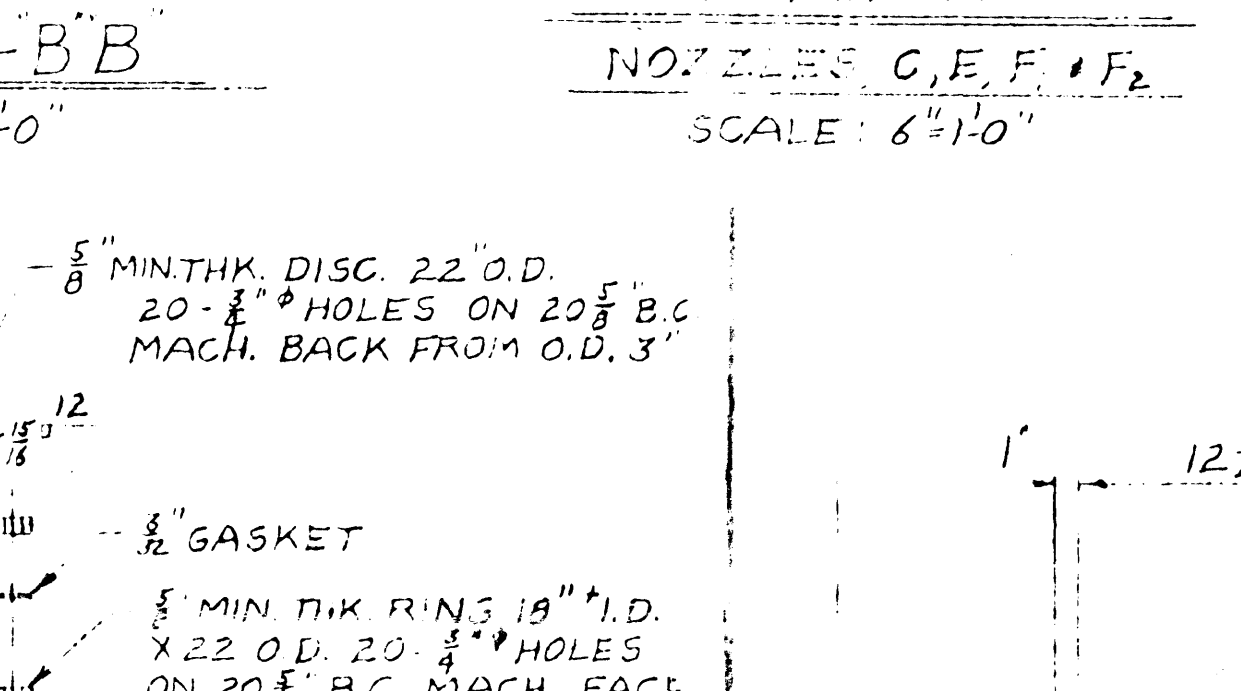
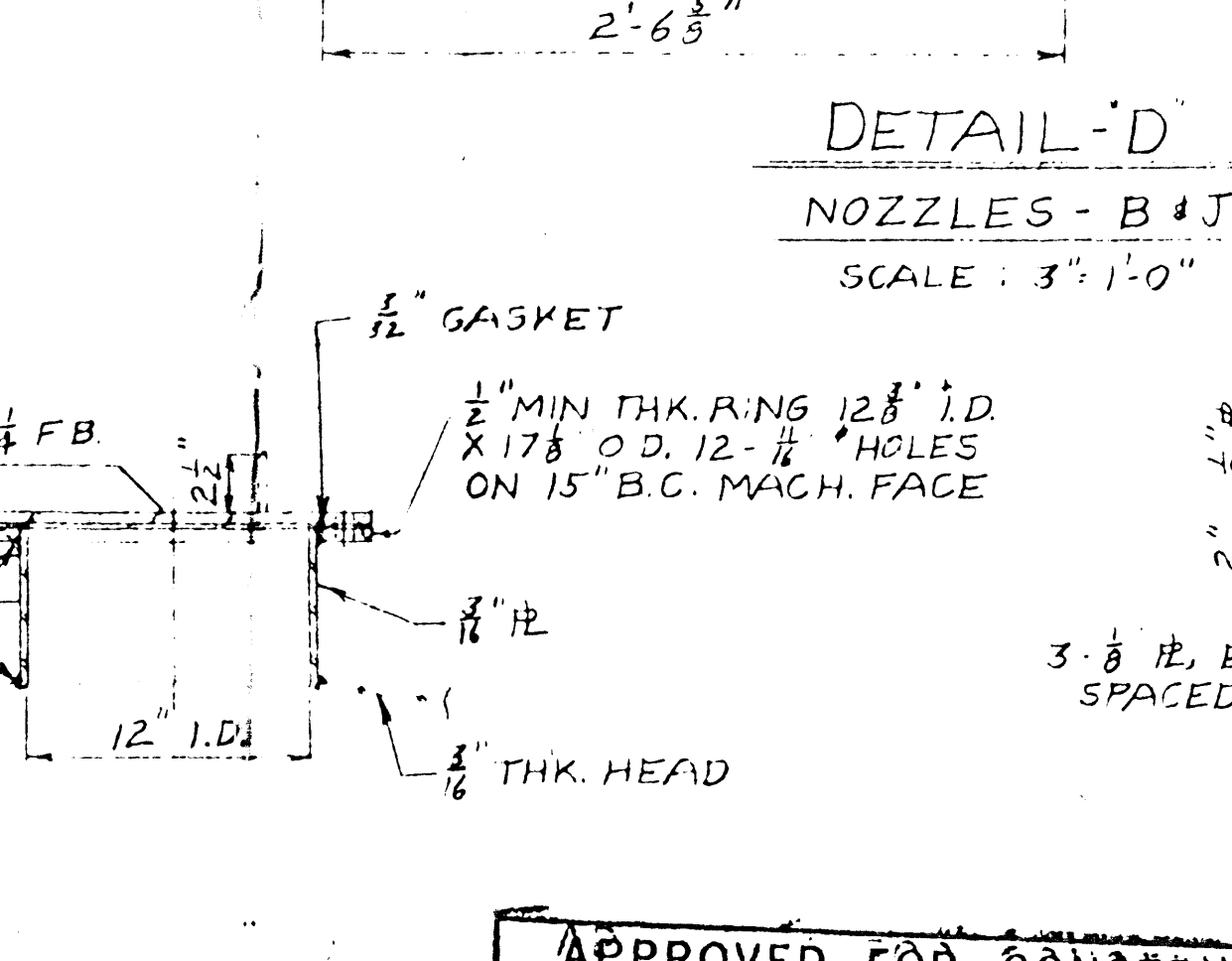
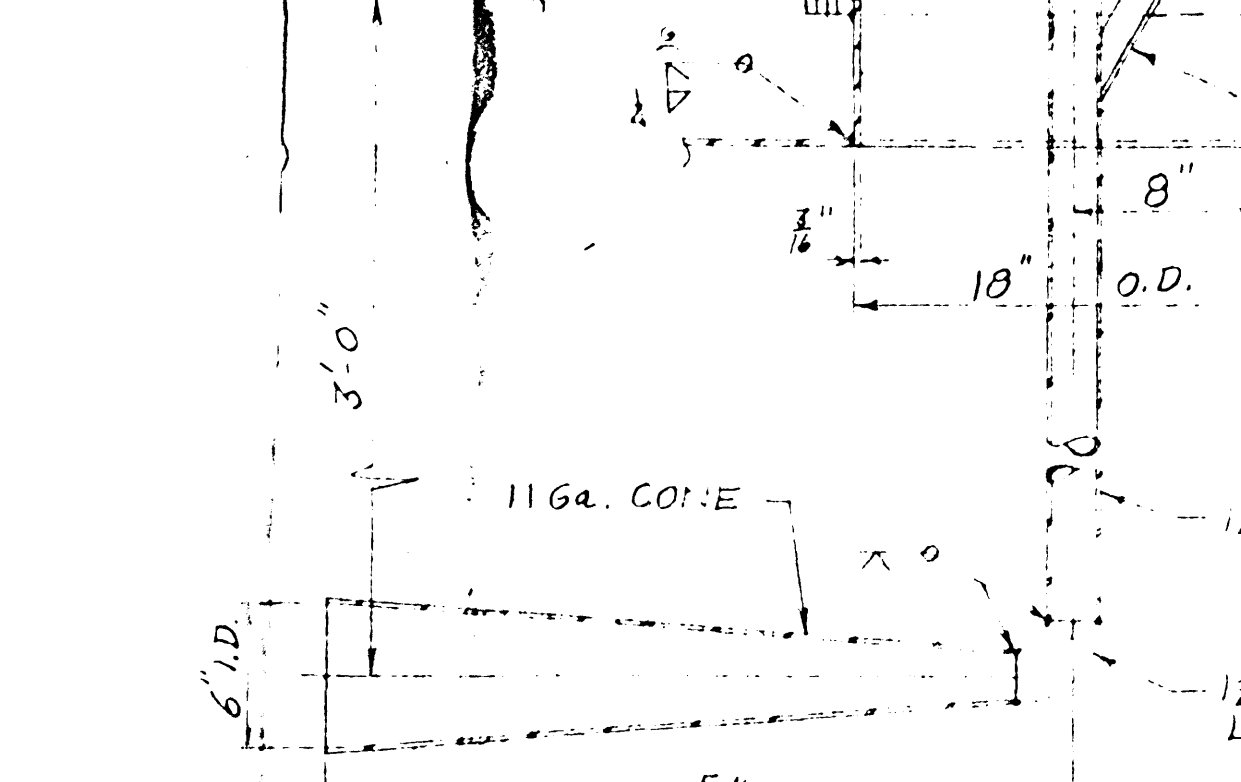
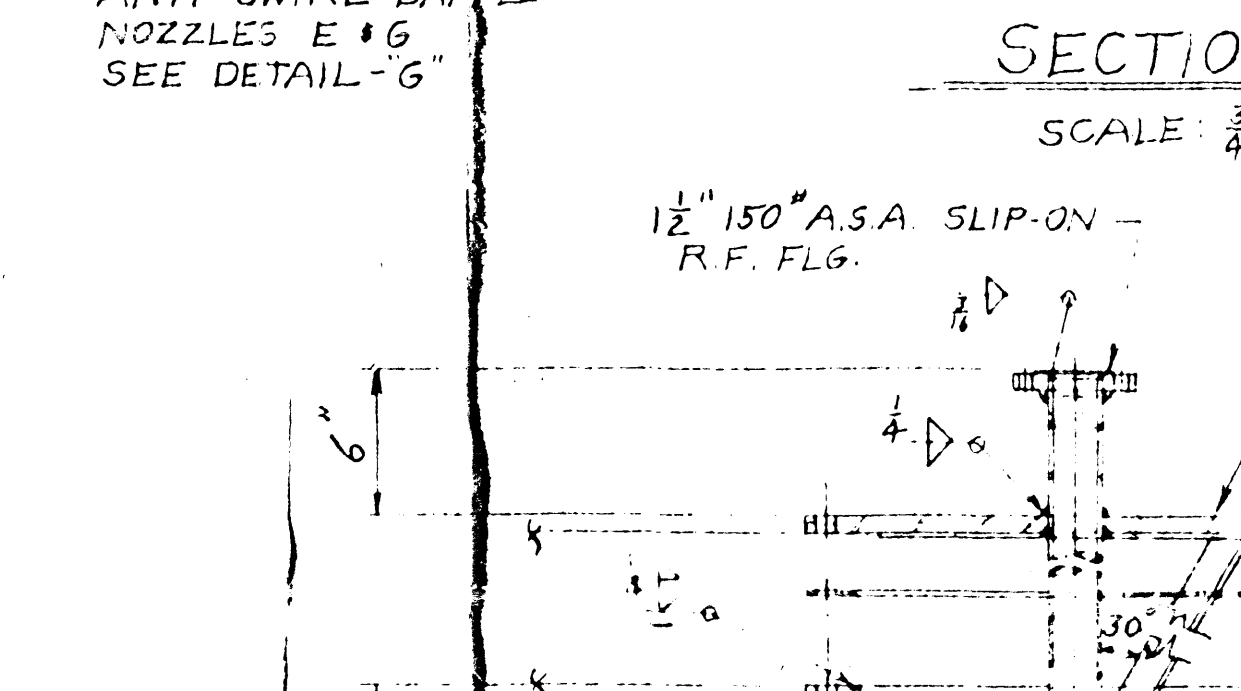
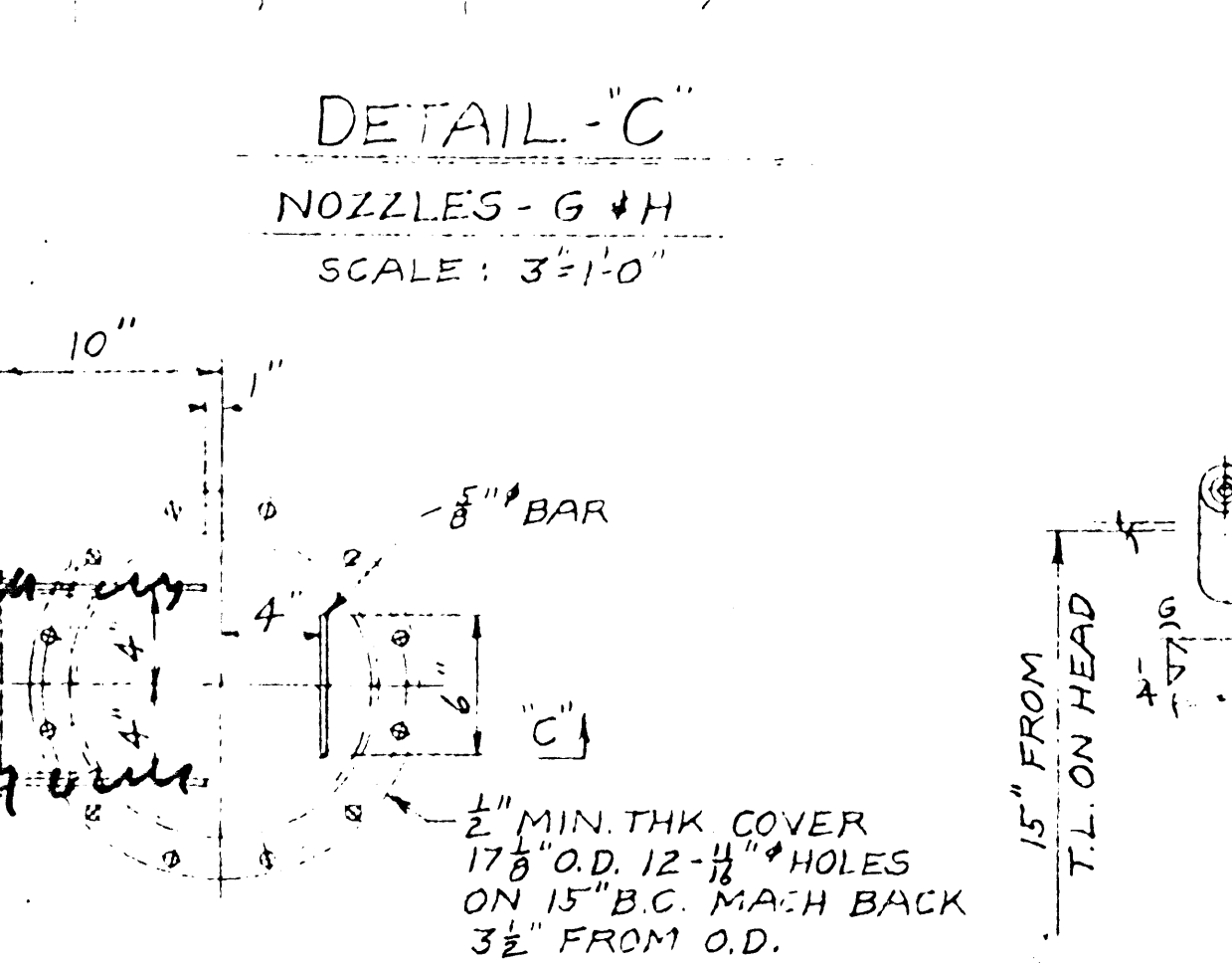
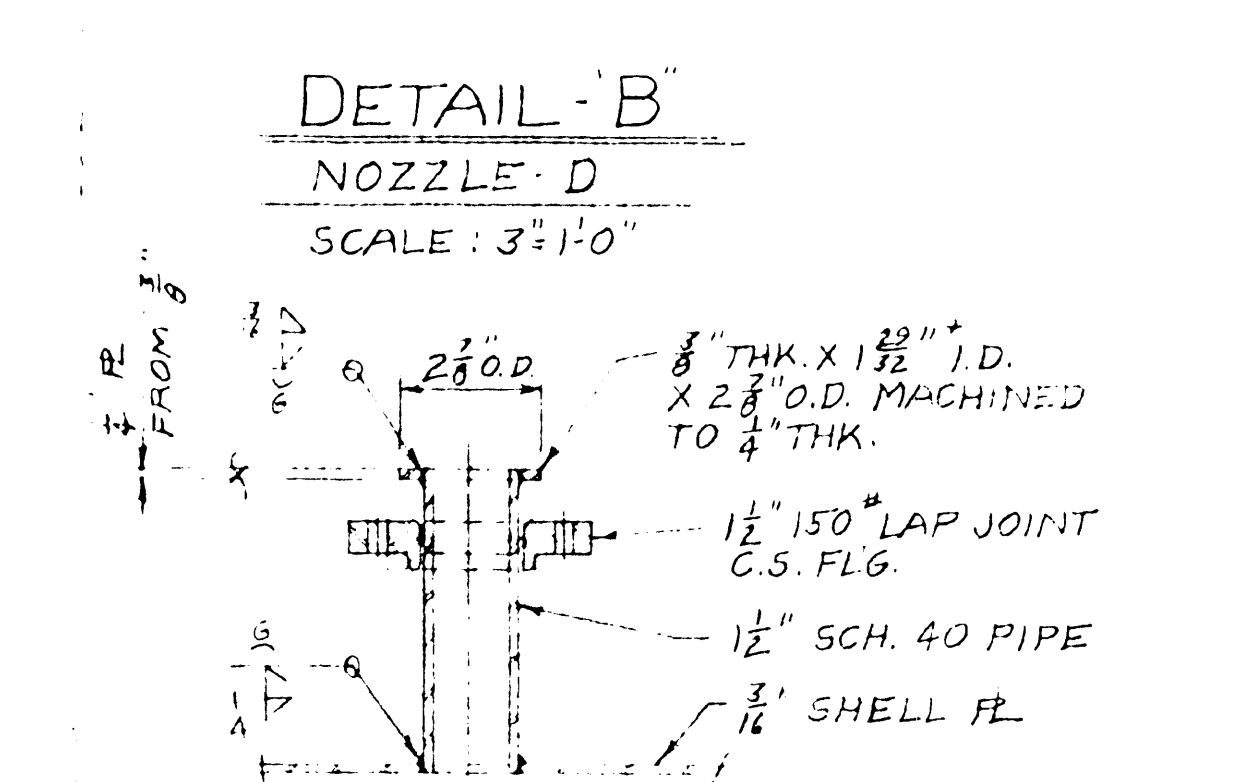
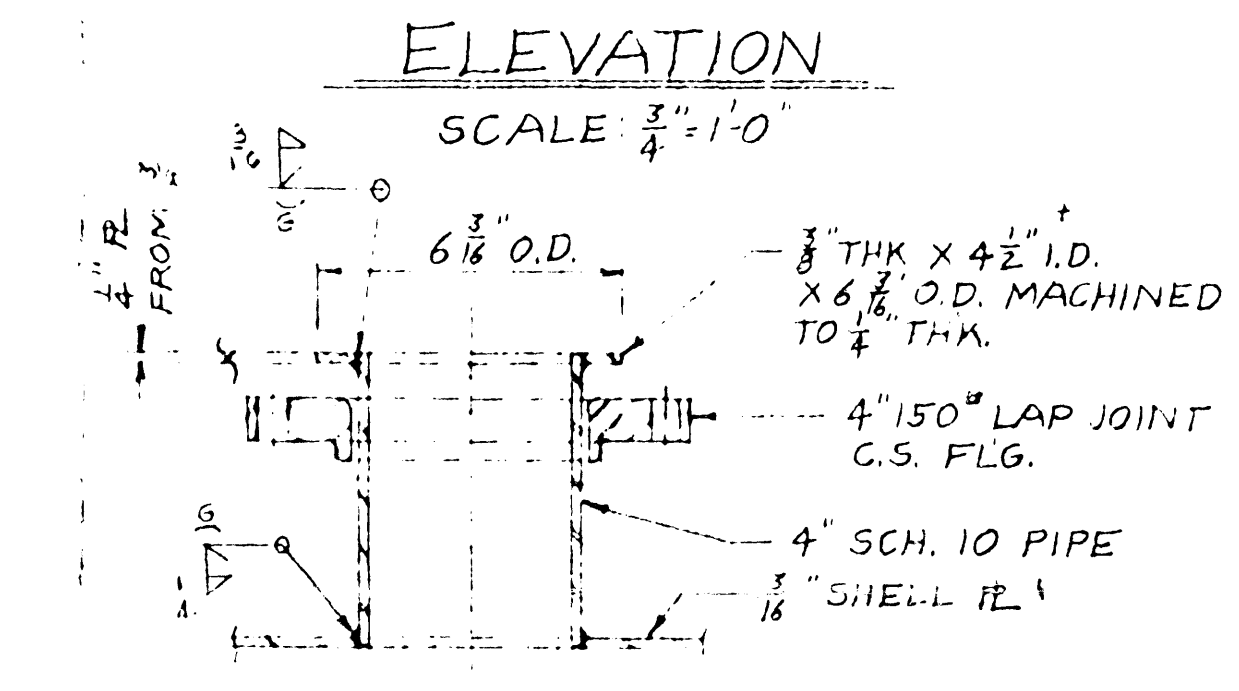
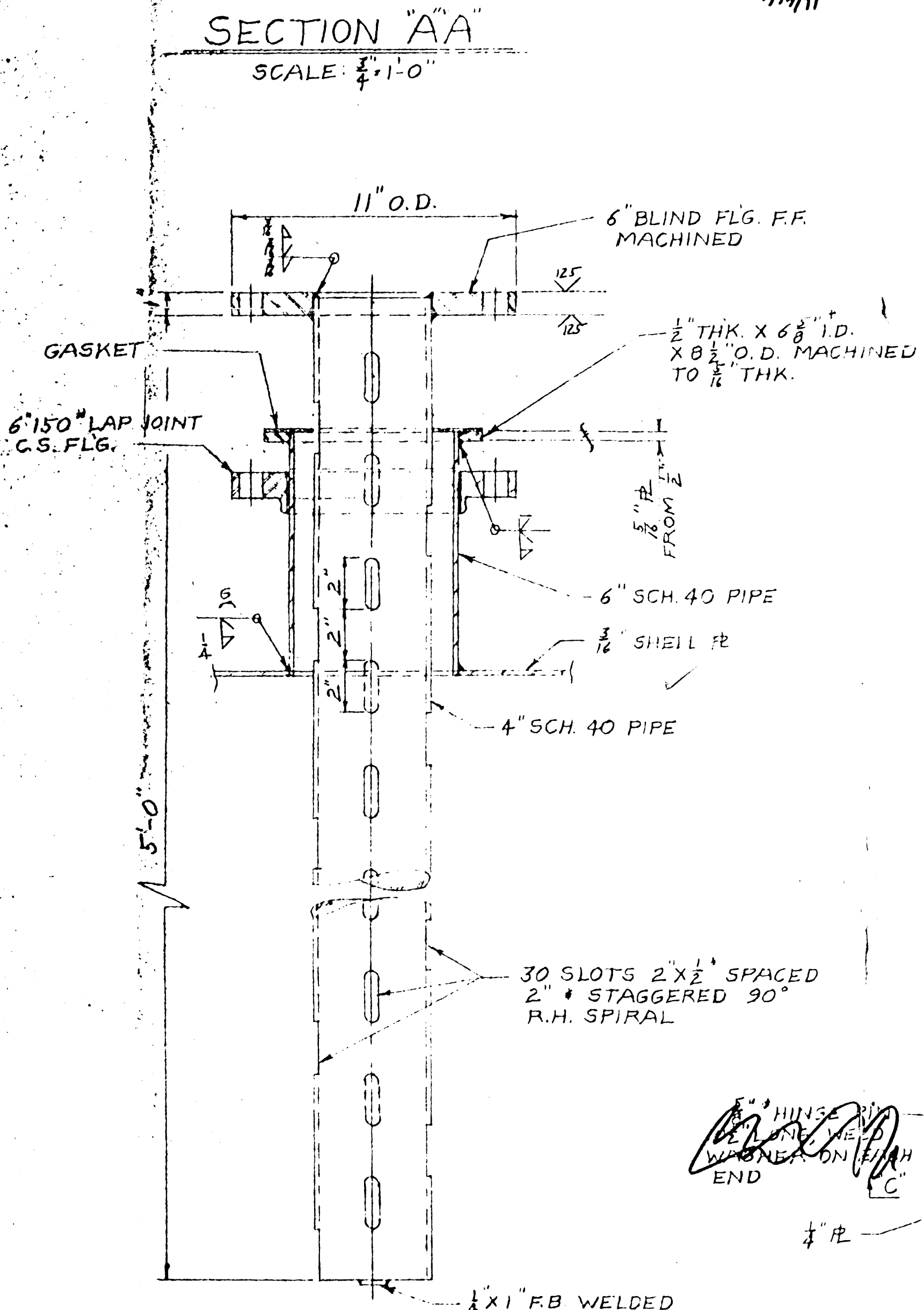
Item	Vessel
Design Conditions	Shell
Internal Pressure (psig)	25 ✓
External Pressure (psig)	
Design Temperature (°F)	340 ✓
MDMT (°F)	-20
Hydrotesting (psig)	40
Head Type (top/bottom)	ASME F&D
Material of construction	304L
Diameter	5'-0" (OD)
Length	11'-0" (TL to TL)
Corrosion Allowance	0.0"
Heat treatment	No
Min. Wall Thickness (shell/head)	0.1195"/0.1341"
Nom. Wall Thickness (shell/head)	0.1875"
Operating Conditions	
Operating Pressure (psig)	
Operating Temperature (°F)	194



NOZZLE SCHEDULE					
MK	SIZE	NO.	RATING	TYPE SERVICE	REMARKS
A	4"	1	SCH. 40	150" A.S.A. L.S. 2" SCH. 40 NOZZ. W/BLIND FLG.	DETAIL "A"
B	1 1/2"	1	SCH. 80	" LIQUID INLET	S.O. -R.F. FLG.
C	1"	1	SCH. 40	" N ₂	DETAIL-"H"
D	4"	1	SCH. 40	LAP. JOINT VAPOR RELIEF	DETAIL "B"
E	1"	1	SCH. 40	150" A.S.A. LIQUID OUTLET	DETAIL-"H"
F, F ₂	1"	1	Ea. SCH. 40	" LIQUID GAGE	DETAIL-"H"
G	2 1/2"	1	SCH. 40	" LIQUID OUTLET	DETAIL-"C"
H	1 1/2"	1	SCH. 40	" T ₁	DETAIL-"C"
J	18"	1	~	50" MANHOLE W/COVER	DETAIL-"D"
K	4"	1	SCH. 40	150" A.S.A. DRAIN	S.O. -R.F. FLG.
L	12"	1	~	150" A.S.A. MANHOLE W/COVER	DETAIL-"E"
M	1"	1	SCH. 40	150" A.S.A. SAMPLE CONN.	S.O. -R.F. FLG.
N	18"	1	~	150" A.S.A. MANHOLE W/COVER	DETAIL-"F"
Q	2"	1	SCH. 40	150" A.S.A. OVERFLOW	S.O. -R.F. FLG.
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NOTES

- NOTE ON TANK: ESTIMATED WEIGHT EMPTY = 3600 lbs. FULL = 22,625 lbs. VESSEL CAPACITY 1740 GAL.
- ALL NOZZLE FLANGE CONNECTIONS TO BE 150" A.S.A. SLIP-ON OR LAP JOINT AS SHOWN.
- TANK TO BE FABRICATED OF 304L STAINLESS STEEL EXCEPT AS MARKED C.S.
- TANK TO BE CONSTRUCTED IN ACCORDANCE TO THE A.S.M.E. SECTION VIII BUT NOT STAMPED. WORKING PRESSURE (23) P.S.I. @ 340°F. TEST PRESSURE (40) P.S.I.
- ALL S.S. INSIDE TANK TO BE PASSIVATED.
- CARBON STEEL SADDLES TO BE PAINTED ONE SHOP COAT GLIDDEN #5570 EPOXYSTER RED METAL PRIMER.
- PAINT ITEM (V-508B) # P.O. 2404 IN 6" HIGH LETTERS ON SIDE & TOP & NORTH ARROW ON TOP - P.N. 18575.
- GASKETS BY F.M.C.
- INSIDE WELDS GROUND SMOOTH BUT NOT FLUSH.
- ALL BOLT HOLES STRADDLE $\frac{1}{2}$ " AND ALL BOLTS TO BE CARBON STEEL.



APPROVED FOR CONSTRUCTION
ORGANIC CHEMICALS DIVISION
BALTIMORE, MD.
By _____ Title _____
Date _____ P.O. No. _____ Job No. _____

REVISIONS	
NO.	DESCRIPTION
1.	HEA, 10-21-71
2.	
3.	
4.	
5.	
6.	

F.M.C. CORP. DWG N^o 8853-A

McNAMARA & COMPANY, INC.
STAINLESS & STEEL PLATE CONSTRUCTION
BALTIMORE MARYLAND V-6302

1- PRODUCT SEPARATOR-V-508

FOR	F.M.C. CORPORATION	ORDER NO.
LOCATION	PATAPSCO AVE, BALTIMORE MD	
ENGINEER		
DRAWN BY	HEA, JR.	#93421
DATE	10-21-71	

DRAWING NO. 331-H

From V-63038