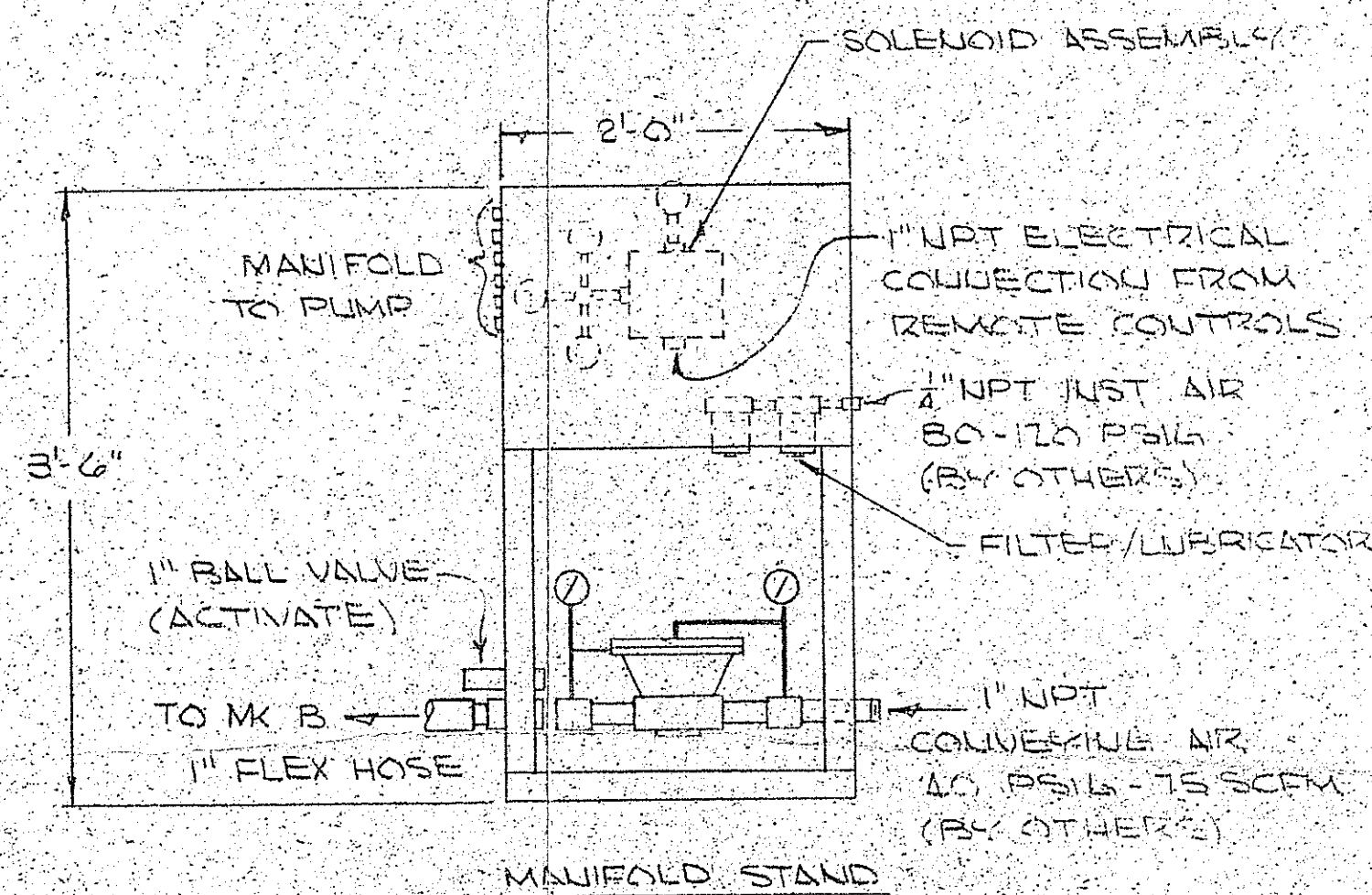
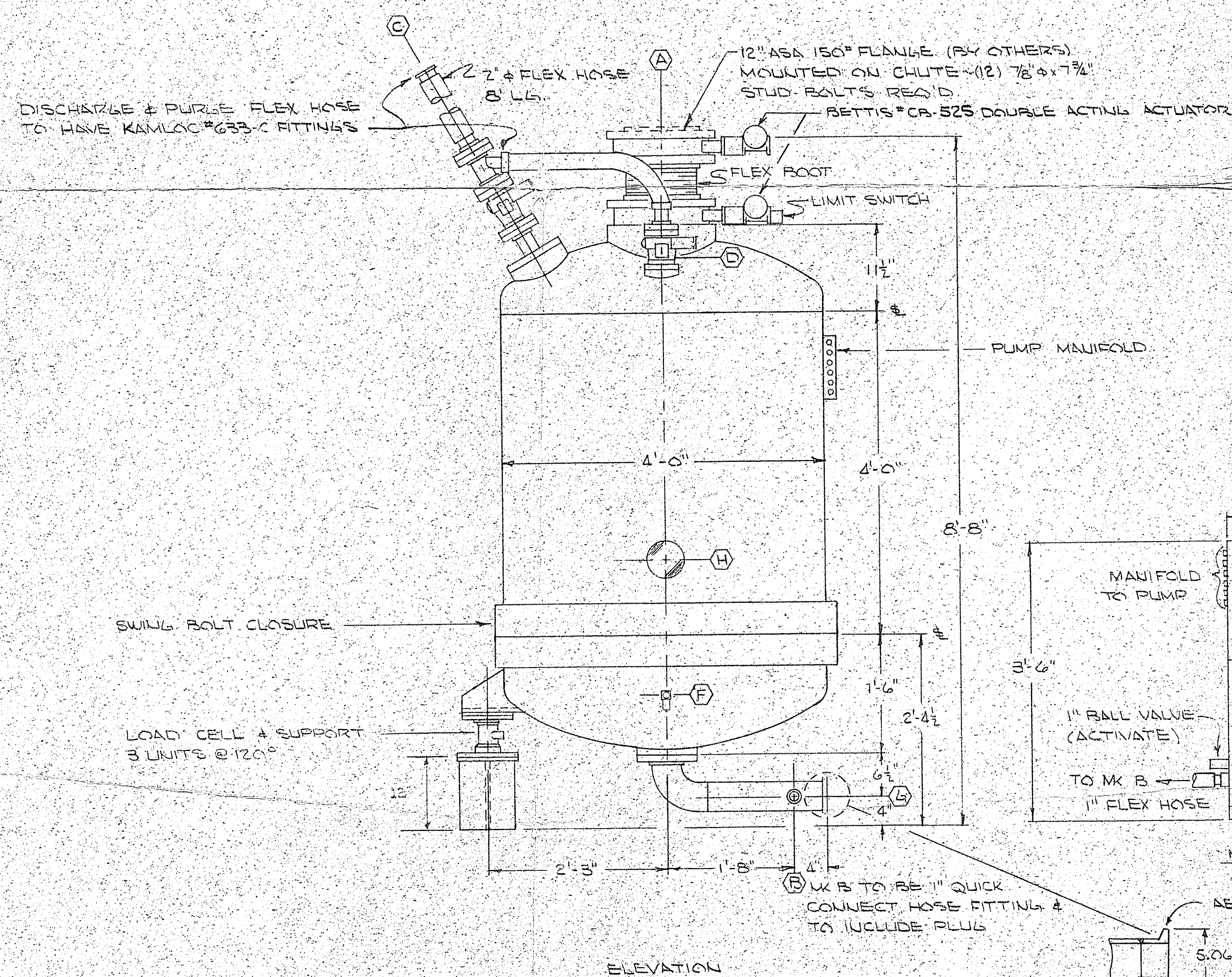
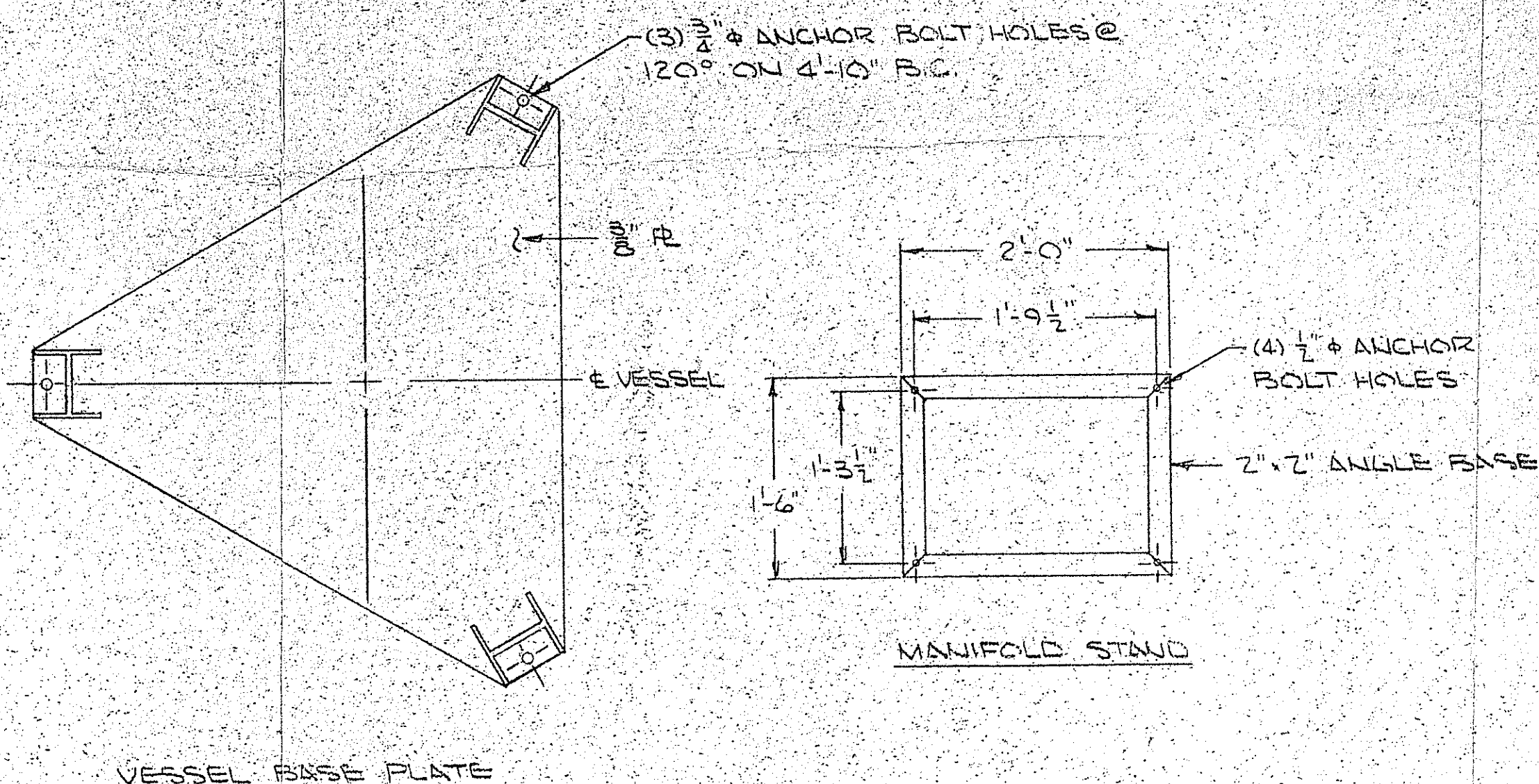
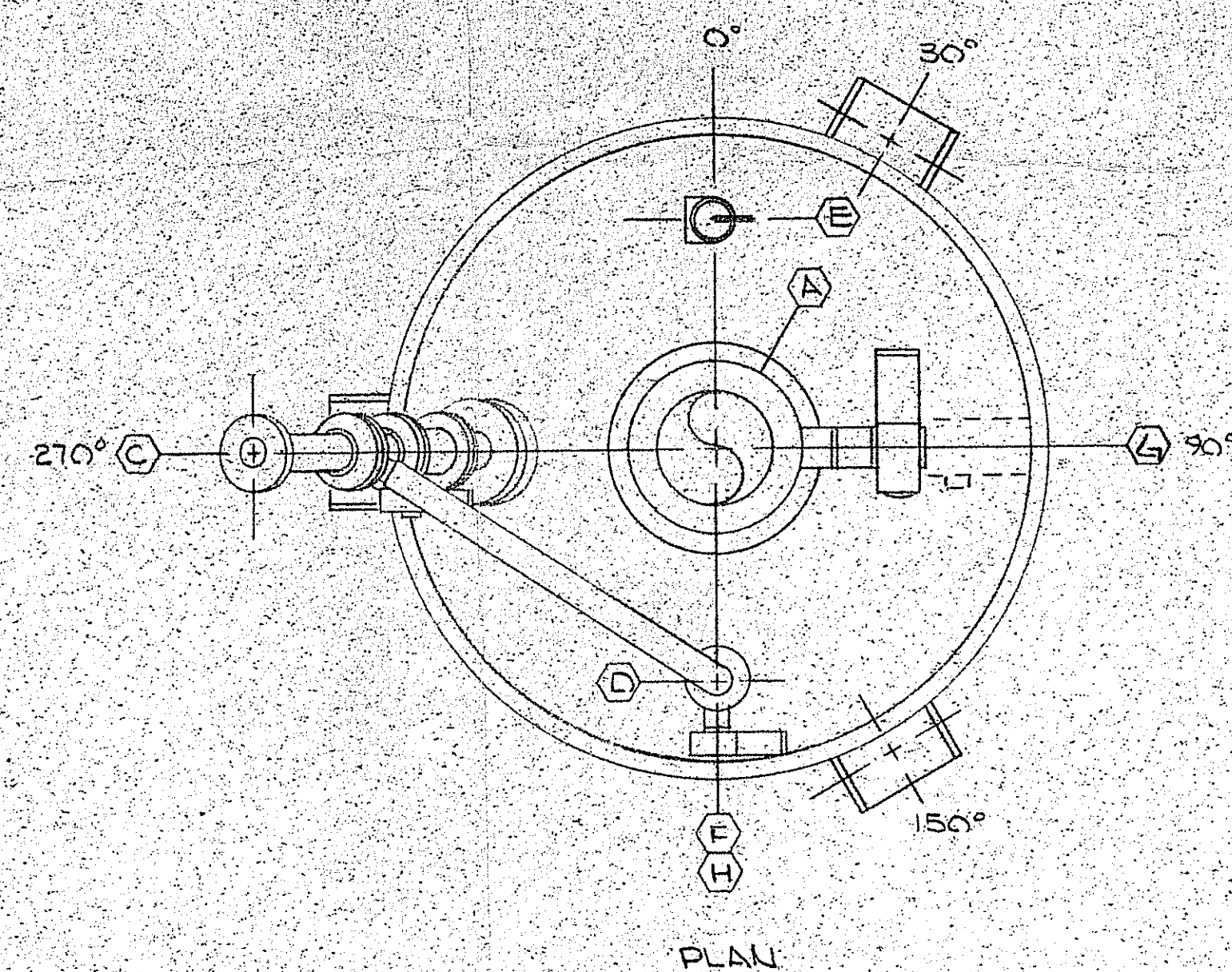




CUSTOMER FACILITY
CONTRACTOR
CONTRACT NO.
MKS POLY
HLP 20 100
EQUIPT. NO.

HOFFMAN LAFACHE LC
PROJECT 66
ARTHUR G. MCKEE & CO.
SIT 6
168
E-164490-B
CLN-194
CLN-171
SCL-192
CLN-193
CLN-172
SCL-193
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B3-7000

POSITION NO'S
DRAWING NO'S

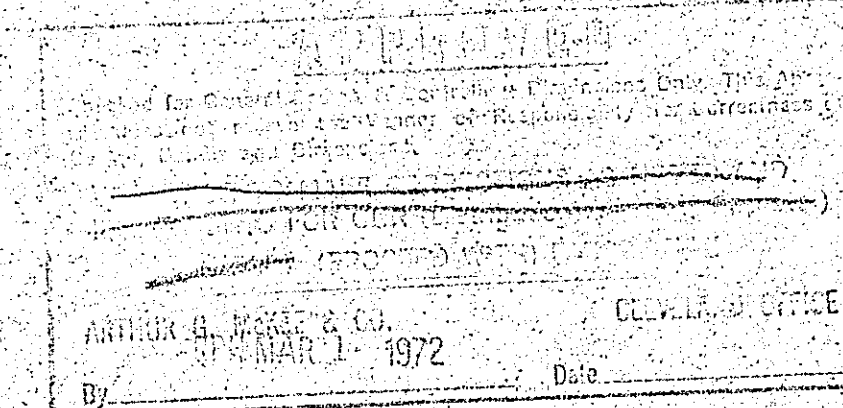
No.	Date	Revision	By
1	7-16	REDRAWN	JJ
2	2-15	REV PER APPROVAL CNV	JJ

Design Characteristics	
Code Per ASME Section VIII	Code Stamp Required: YES
Radiograph:	Hydrotest: 150 PSIG
Design Pressure: 100 PSIG	Average Operating Pressure:
Design Temperature: 150° F	Average Operating Temperature: AMB
MAWP: 100 PSIG @ 150° F	Corrosion Allowance: NONE
Serial No.: SEE NOTE 2	Year Built: 1971

See Design Data Sheet

Schedule Of Openings				
MK	Size	Type	Items	Purpose
A	12" FLG'D	BUTTERFLY		FILL
B	1" SCRWD	BALL VALVE		ACTIVATE
C	2" FLG'D	ROTOR VALVE		DISCHARGE
D	1 1/2" FLG'D	ROTOR VALVE		PURGE
E	1" SPECIAL	RELIEF VALVE		SAFETY
F	1/4" SCRWD	FILTER		PRESSURE
G	4" SPECIAL	AEROQUIP		WARM AIR
H	2" FLG'D	BLIND		CLEAN OUT

- NOTES
- HEAD & SHELL MATL - SA-740-316L
 - FOUR (4) UNITS REQ'D: POSITION NO. SERIAL NO.
U.B. # 650 B3-6914 J-162 A
651 B3-6915 J-162 B
652 B3-6916 J-162 C
653 B3-6917 J-162 D
 - CONTROLS ARE REMOTE MOUNTED
 - MK B & MK G SUPPLIED W/ END CAPS
 - FLEX CONNECTIONS ARE FOOD GRADE
 - RUPTURE DISC SUPPLIED W/ RELIEF VALVE
 - ALL BOLTING TO BE CND. PLATED
 - ALL INSTRUMENT CONNECTIONS ARE QUICK CONNECT
 - FOR TUBING CONNECTIONS SEE J-162-F-1-D
 - FOR ELECTRICAL CONNECTIONS SEE J-162-E-1-D
 - ORIENTATION IS TO BE DETERMINED IN FIELD BY CUSTOMER



CERTIFIED PRINT
CONSOLIDATED
ENGINEERING CO.

By: *Carl M. Tatum*
Date: Feb. 16, 1972

PRINT MADE
MAR 1 1972
ARTHUR G. MCKEE & CO.

CNV-196

Item	Quan.	Description	Material
Material List			
CONSOLIDATED ENGINEERING CO. Houston, Texas			
FLUIDFLO AUTOMATIC PUMP FAP-4-50-100-2 EW ASSEMBLY			
CUSTOMER	SHEET	DATE	SCALE
1	JDD	7-16-71	11/1-1
1	J-162	J-162-M-7-D	2