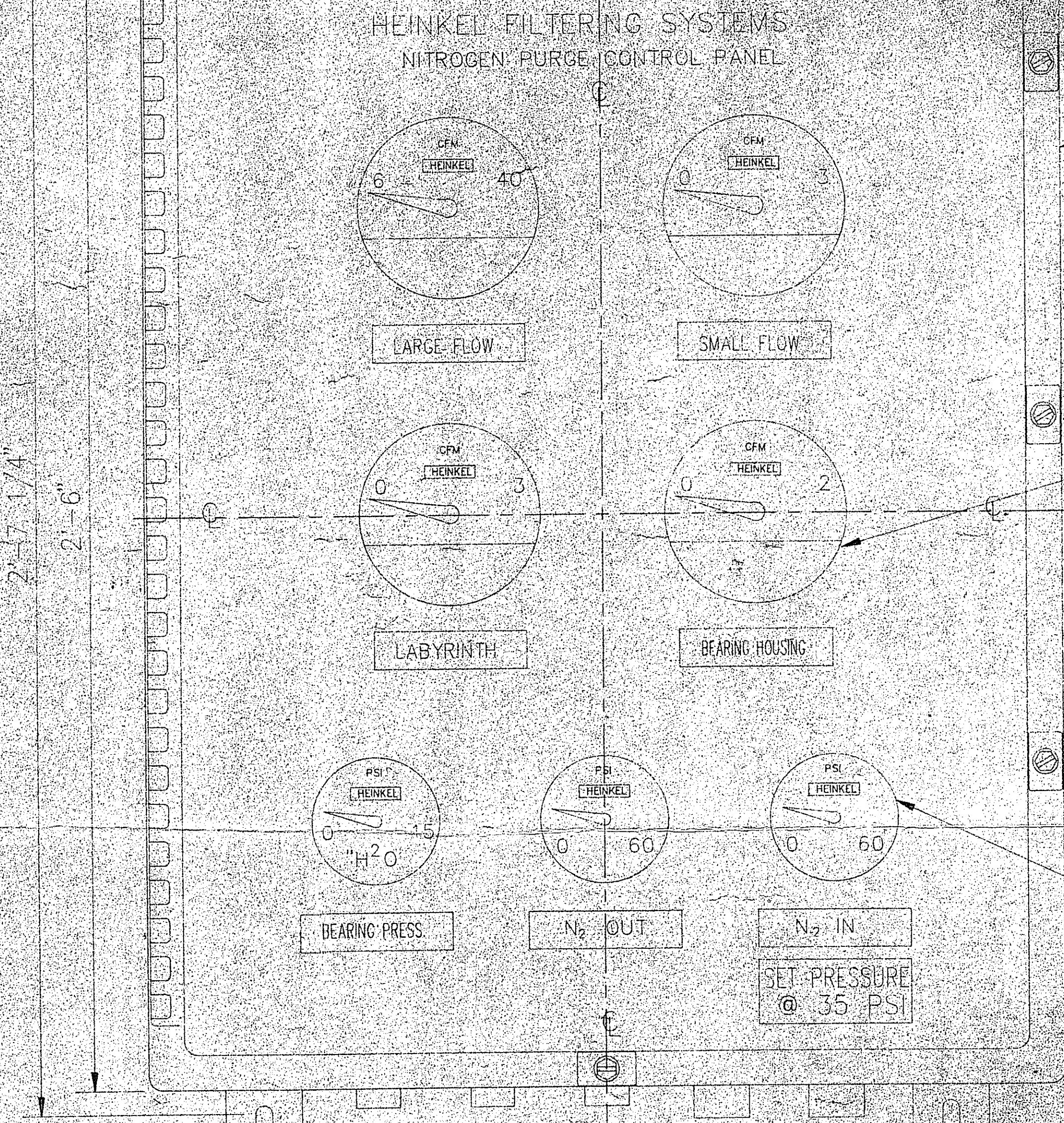
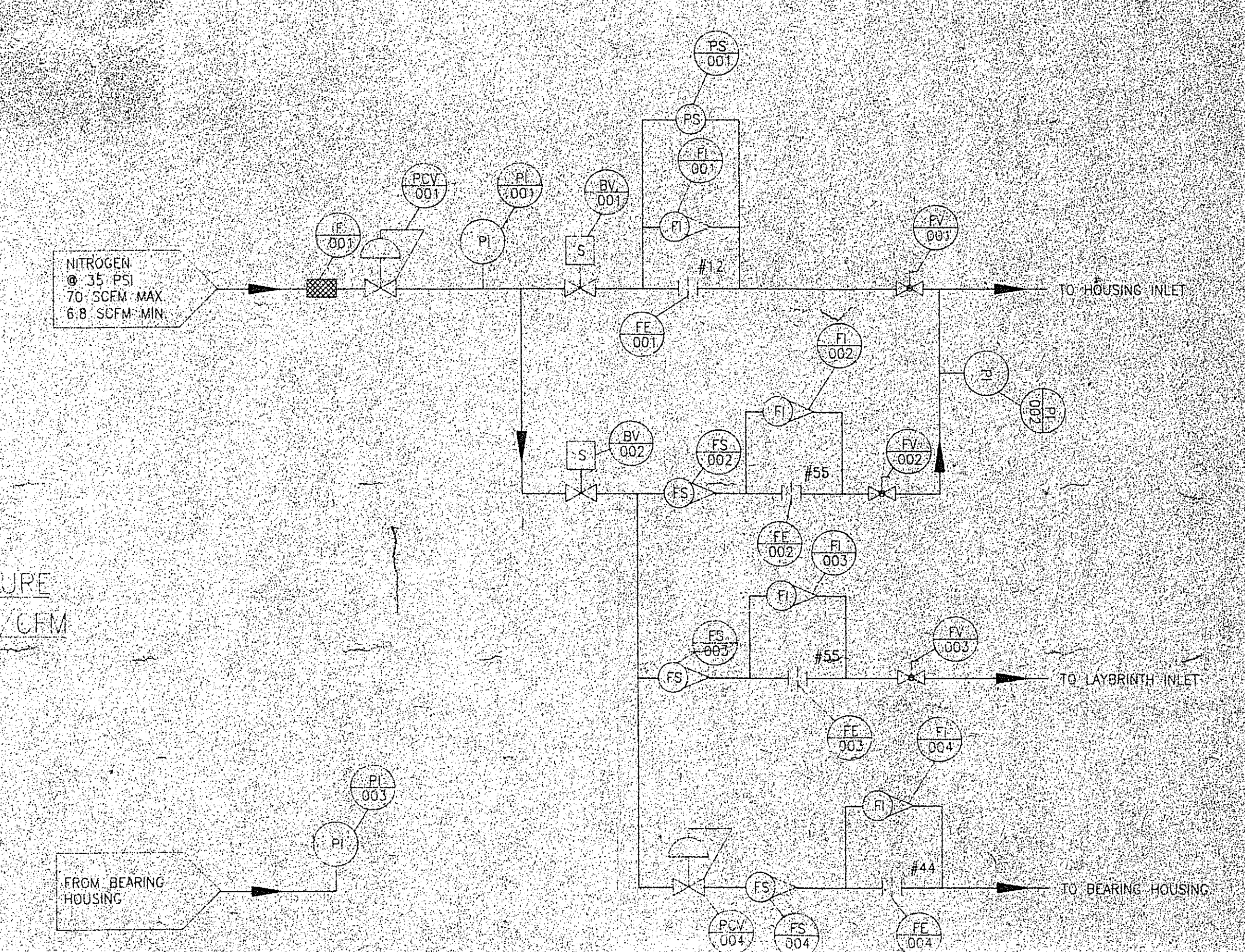
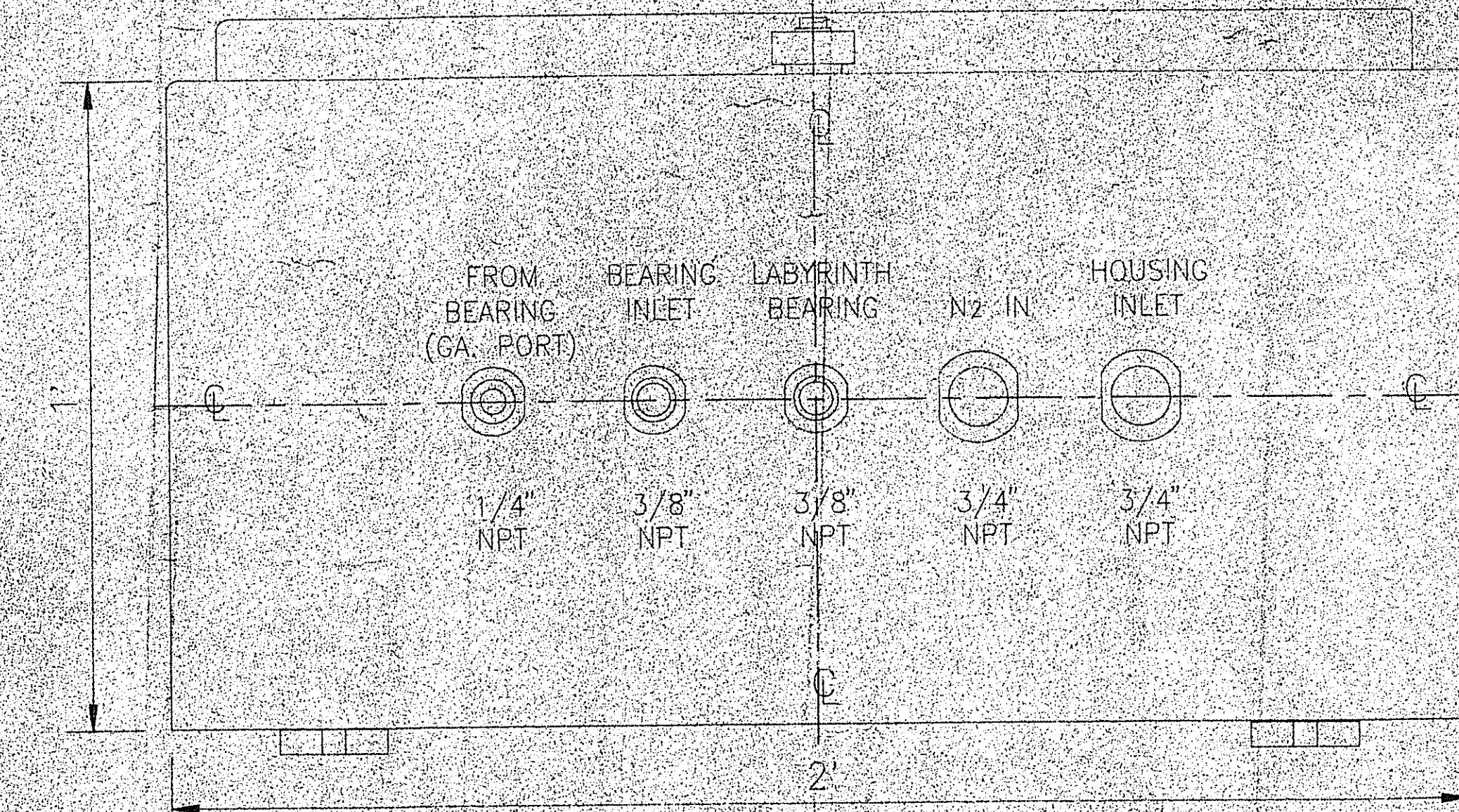




WEATHERPROOF ENCLOSURE,
HOFFMAN #A-30H2412SSLP

4 PCS., DWYER DIFFERENTIAL PRESSURE
GAUGES WITH CUSTOM FACEPLATE W/ CFM
RATING AND HEINKEL NAME

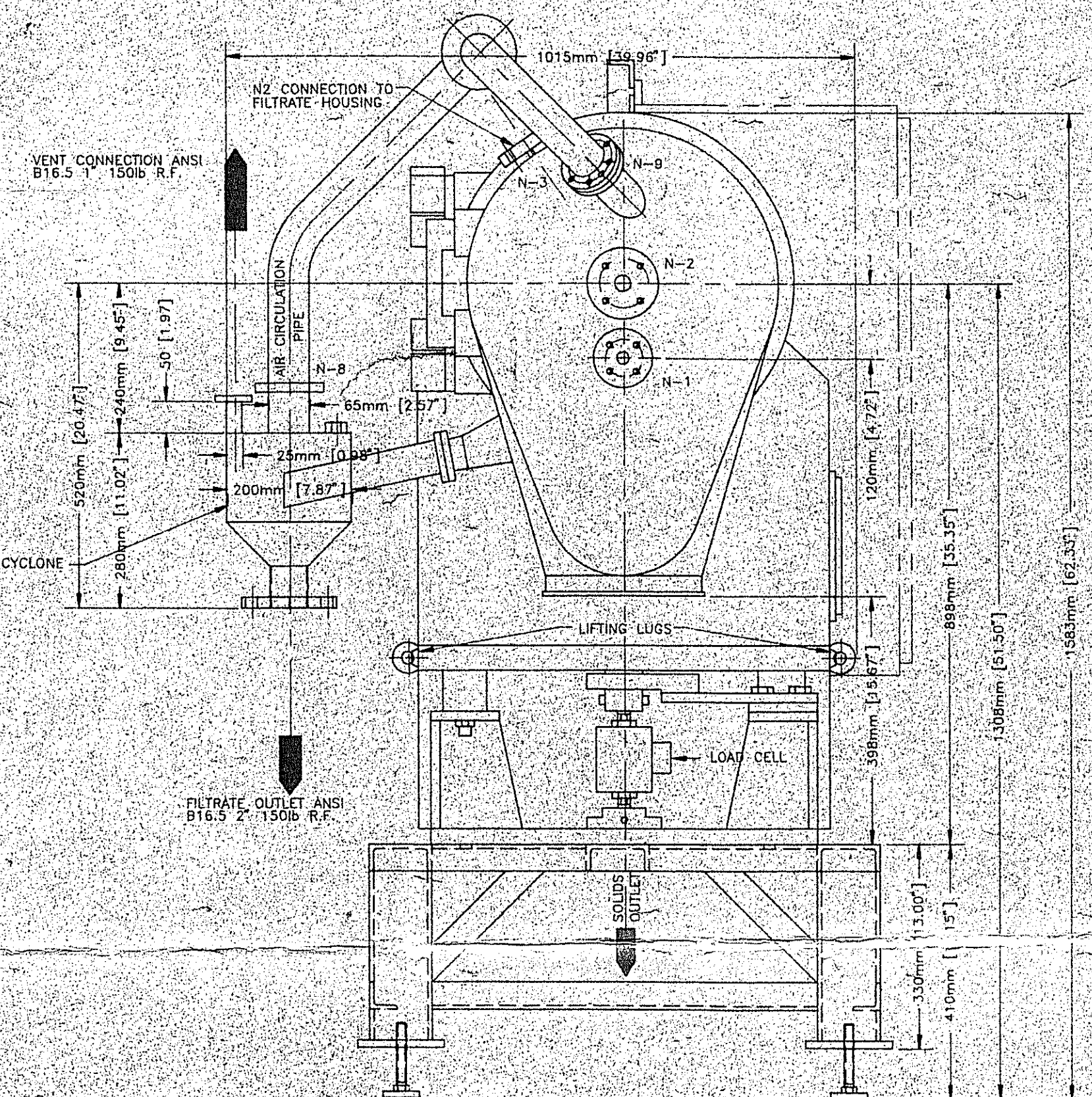
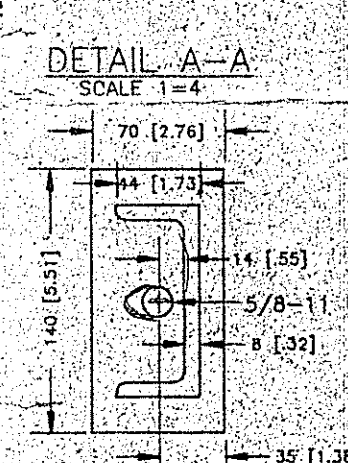
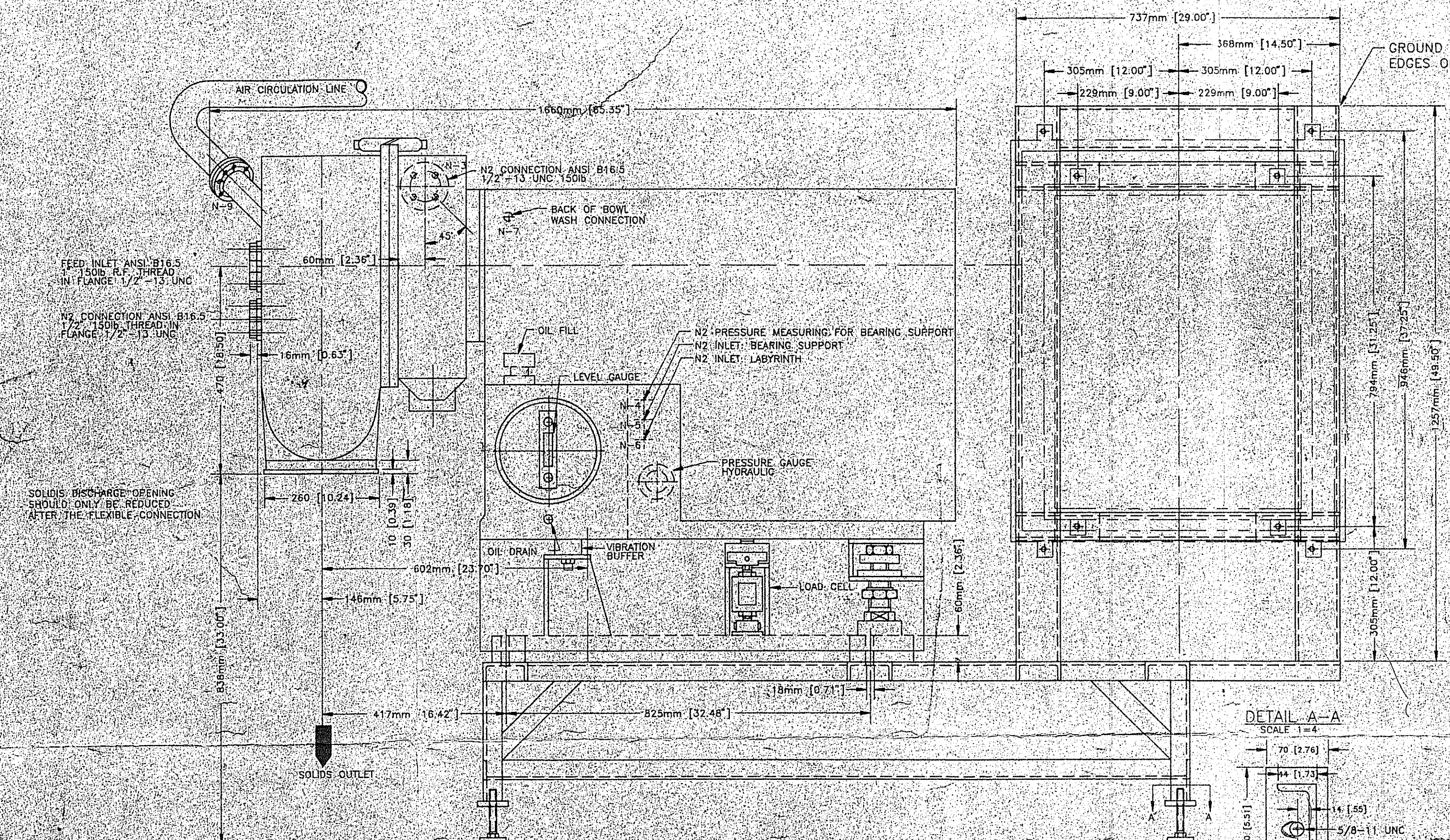
3 PCS., PRESSURE GAUGES



ITEM	QUAN	DESCRIPTION
FI-001	1	LINE FILTER, 3/8" NPT, SPEEDAIR #22763
PCV-001	1	REGULATOR, 3/8" NPT, SPEEDAIR #12969B
PCV-002	1	REGULATOR, 3/8" NPT, SPEEDAIR #12969B
BV-001	1	SOLENOID VALVE, ASCO #158223A3, 24VDC
BV-002	1	SOLENOID VALVE, ASCO #158223A3, 24VDC
FE-001	1	1/2" 304SS, ORIFICE UNION WITH 1890" DIA. HOLE (#12)
FE-002	1	1/2" 304SS, ORIFICE UNION WITH 0520" DIA. HOLE (#59)
FE-003	1	1/2" 304SS, ORIFICE UNION WITH 0520" DIA. HOLE (#55)
FE-004	1	1/2" 304SS, ORIFICE UNION WITH 0660" DIA. HOLE (#44)
FI-001	1	FLOW INDICATOR, DWYER DIFFERENTIAL PRESSURE GAUGE
FI-002	1	CAPSUHELIC #4220 W/ SPECIAL SQUARE ROOT SCALE, 0-40 CFM
FI-003	1	CAPSUHELIC #4220 W/ SPECIAL SQUARE ROOT SCALE, 0-3 CFM
FI-004	1	CAPSUHELIC #4210 W/ SPECIAL SQUARE ROOT SCALE, 0-2 CFM
PS-001	1	PRESSURE SWITCH, DWYER #1960P-50 W/ ADJUSTABLE SETPOINT
FS-002	1	FLOW SWITCH, DWYER - WE ANDERSON, MODEL V6, LOW FLOW, WITH ADJUSTABLE SETPOINT, STAINLESS STEEL
FS-003	1	FLOW SWITCH, DWYER - WE ANDERSON, MODEL V6, LOW FLOW, WITH ADJUSTABLE SETPOINT, STAINLESS STEEL
FS-004	1	FLOW SWITCH, DWYER - WE ANDERSON, MODEL V6, LOW FLOW, WITH ADJUSTABLE SETPOINT, STAINLESS STEEL
FV-001	1	FLOW VALVE, 3/4", 316 SS, WATTS #807 SERIES, GATE VALVE
FV-002	1	FLOW VALVE, 1/2", 316 SS, HOKE #3822GBY, FLOW VALVE
FV-003	1	FLOW VALVE, 1/2", 316 SS, HOKE #3822GBY, FLOW VALVE
PI-001	1	PRESSURE INDICATOR, 0-60 PSI, 2 1/2" DIA, LIQUID FILLED
PI-002	1	U.S. GAUGE #P551L, PANEL MOUNT
PI-003	1	U.S. GAUGE #P551L, PANEL MOUNT
PI-004	1	PRESSURE INDICATOR, 0-15" H2O, 2 1/2" DIA
		MARSHALLTOWN INSTRUMENTS, SERIES 83KD, #G11642

REV. DATE		INITIAL DWG.		APPROVED	
THIS DRAWING AND THE IDEAS AND DESIGNS SHOWN THEREON ARE THE EXCLUSIVE PROPERTY OF HEINKEL FILTERING SYSTEMS, INC. AND ARE NOT TO BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT THE WRITTEN CONSENT OF HEINKEL FILTERING SYSTEMS, INC.					
PROJECT NO.		DRAWN BY		CHECKED BY	
STANDARD		D. STEISER		GCS	
MACHINE NO.		DATE		SCALE	
HF		8-3-90		4" = 10'	
DRAWING NO. NIT-PNL				REVISION LTR.	
				A	

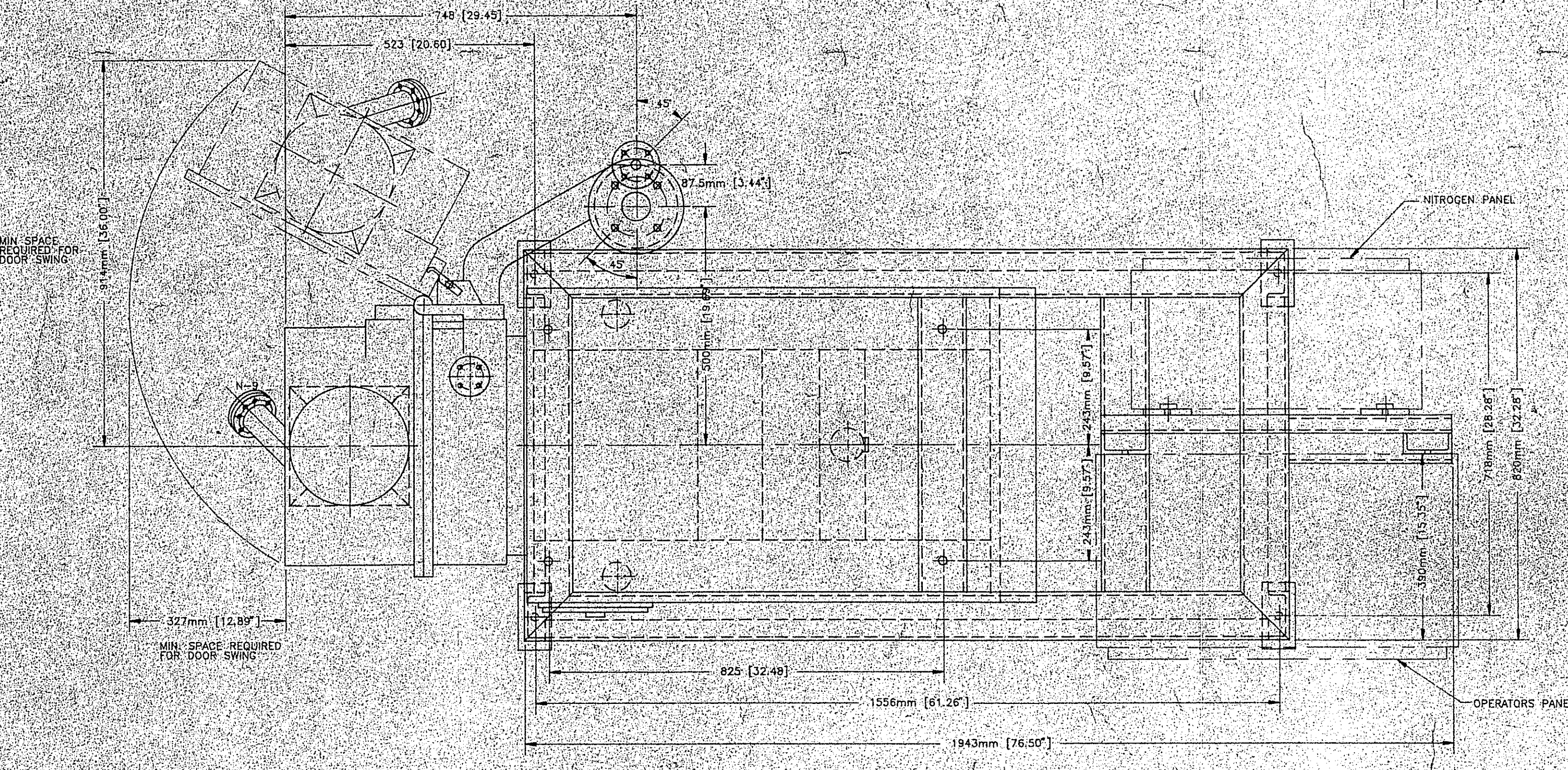
114267



CONN	QTY	SIZE	RATING	TYPE	SERVICE
N-1	1	1/2"	150lbs	ANSI B16.5	NITROGEN
N-2	1	1"	150lbs	ANSI B16.5	PRODUCT
N-3	1	1/2"	150lbs	ANSI B16.5	NITROGEN
N-4	1	1/2"	35,000 PSI	TUBE	NITROGEN
N-5	1	1/2"	35,000 PSI	TUBE	NITROGEN
N-6	1	1/2"	35,000 PSI	TUBE	NITROGEN
N-7	1	1/2"	35,000 PSI	TUBE	CLEANING
N-8	1	1/2"	35,000 PSI	TUBE	CLEANING
N-9	1	1/2"	35,000 PSI	TUBE	CLEANING

- NOTES:
1. MATERIAL OF CONSTRUCTION
PRODUCT CONTACTED PARTS: DIN 1.4571 (316L S.S.)
MACHINE BODY AND COVERS: DIN 1.4571 (316L S.S.)
 2. ALL PRODUCT CONTACTED D-RINGS CONSTRUCTED OF EPDM
 3. GAS TIGHT
 4. ROUND OUTLET, NO FLANGE, 30" I.D.
 5. SPRAY NOZZLES IN SOLIDS AND FILTRATE HOUSINGS
 6. AIR CIRCULATION PIPE - STN STL DIN 1.4571
 7. ALL MOTORS AND ELECTRIC CONTACT DEVICES TO MEET CLASS 1, DIV. 1, GROUP D
 8. PAINT (CARBON STEEL PARTS)
PRIMER - 2 COATS MAGRALON DD (POLYURETHANE BASED)
FINISH - 2 COATS MAGRALON DD (POLYURETHANE BASED)
COLOR - RAL 5007 BRILLIANT BLUE
 9. MACHINE WILL BE SHIPPED WITH ALL OPENINGS TAPE COVERED TO PROTECT AGAINST INGRESS OF DIRT OR MOISTURE. ANY PERMANENT COVERS TO BE PROVIDED BY HOECHST-CELANESE

FOR INFORMATION ONLY



DWG NO. E005-0903

CUSTOMER: HOECHST-CELANESE
P.O. No. 07-522469-90-04

REV.	DATE	DESCRIPTION	APPROVED
C 9-6		GENERAL REVISION	
B 16-25		REVISED AS NOTED	
A		INITIAL DWG.	

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HEINKEL FILTERING SYSTEMS, INC.
520 Sharptown Rd., P.O. Box 513
Bridgeport, NJ 08014

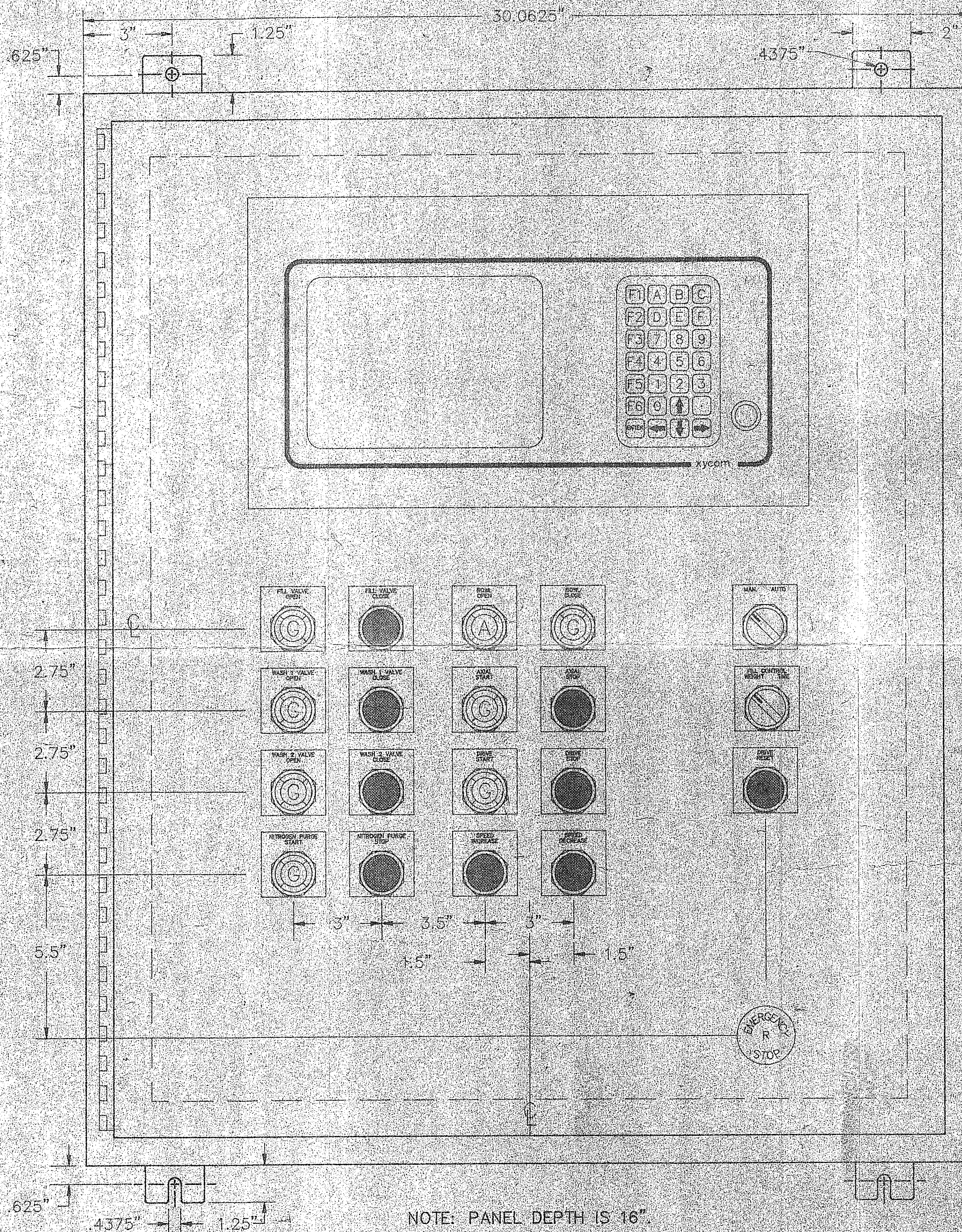
TITLE: INVERTING FILTER CENTRIFUGE
MODEL HF-300
GENERAL ARRANGEMENT

PROJECT NO.	DRAWN BY	CHECKED BY
389 213.1145	D. STETSER	RGM
MACHINE NO.	DATE	SCALE
1031/12	5-1-90	1.0" = 8.0"

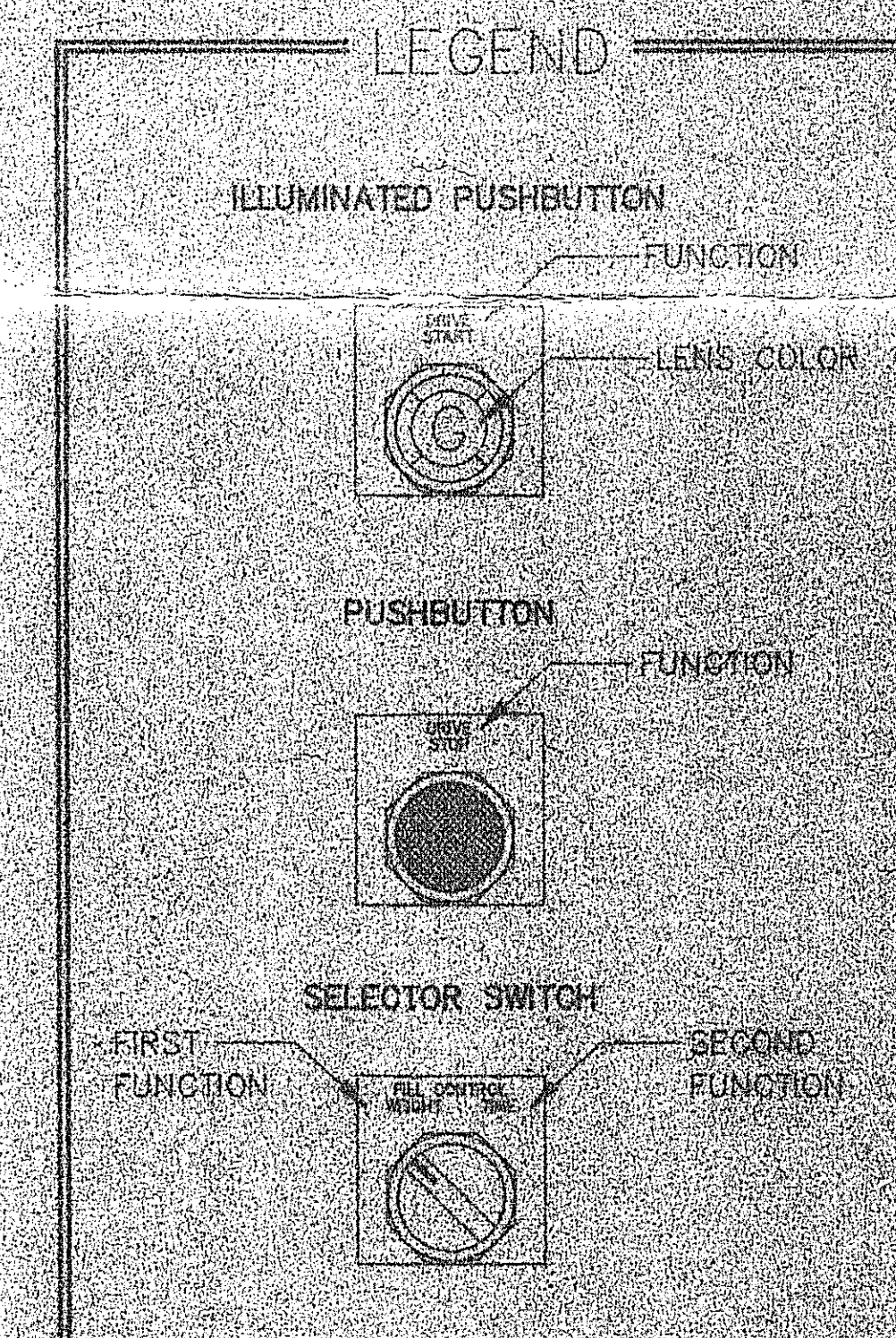
DRAWING NO. MA1145A1

REVISION LTR. C

114267



- NOTE:
- 1) ENCLOSURE, ALL OPERATORS, MONITOR & KEYPAD ARE ALL RATED FOR NEMA 4X.
 - 2) UNIT TO BE PURGED AND TO BE SUITABLE FOR USE IN CLASS I/ DIV.1 HAZARDOUS AREA.



PRELIMINARY
FOR APPROVAL
DRAWINGS CENT. CO.
APR 20 1990

NAME
CUST
AS IS AS NOTED

DWG. NO. E005-0904

CUSTOMER: HOECHST-CELANESE
CUSTOMER P.O.#: 07-522469-90-04

REV	DATE	DESCRIPTION	APPROVED
1	04/18/90	ORIGINAL ISSUE	
HEINKEL (P) HEINKEL SYSTEMS, INC. 520 Shoptown Rd., P.O. Box 513 Bridgeport, NJ 08014			
TITLE OPERATOR PANEL GENERAL ARRANGEMENT			
PROJECT NO.	DRAWN BY	CHECKED BY	DATE
389,213,1145	C.L.C.	W.A.S.	
MACHINE NO.	DATE	SCALE	
HF-300	04/18/90	1"=2"	
DRAWING NO. E-670A03			A

11/26/97