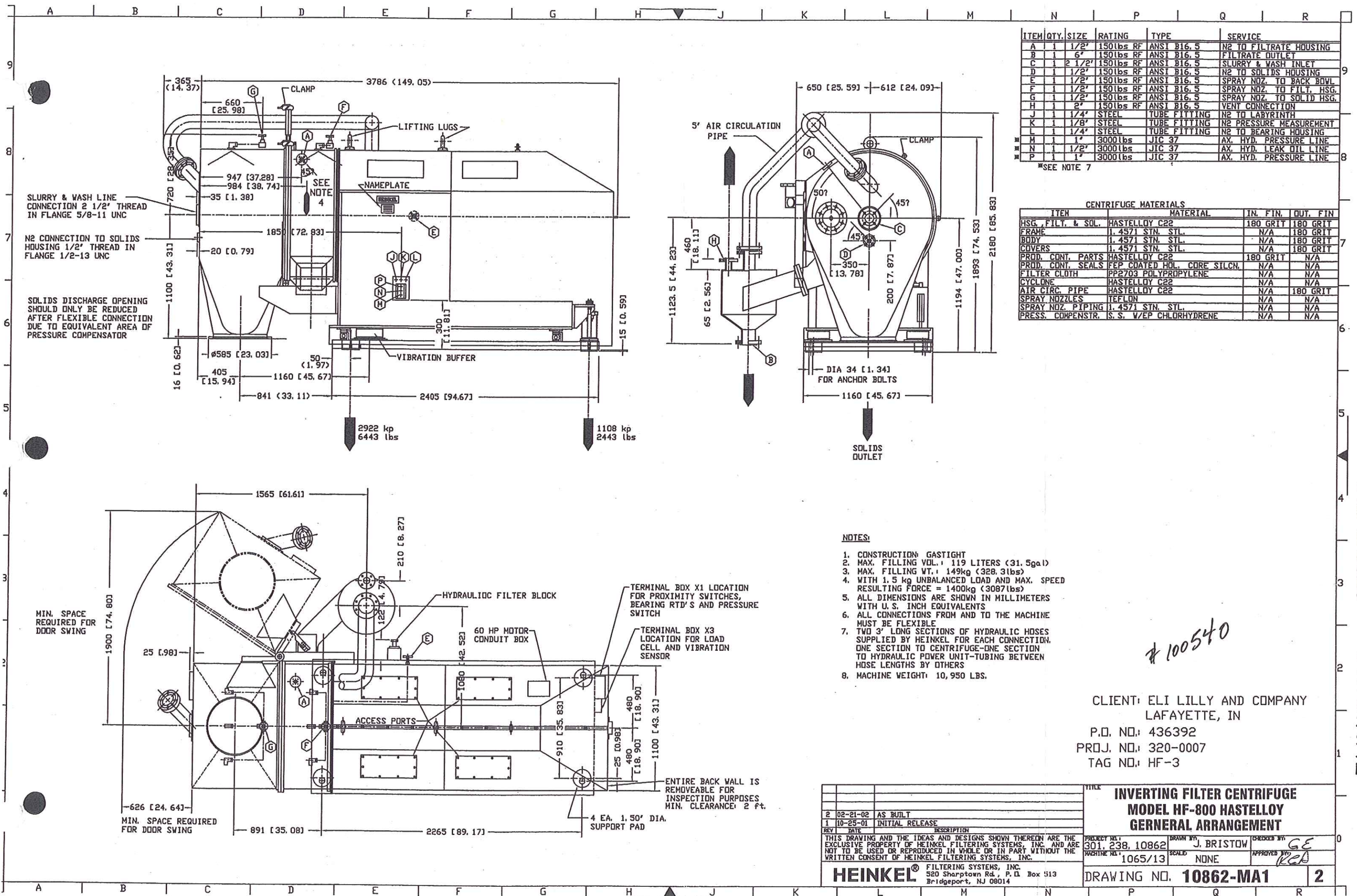




ITEM	QTY.	SIZE	RATING	TYPE	SERVICE
A	1	1/2"	150lbs RF	ANSI B16.5	N2 TO FILTRATE HOUSING
B	1	6"	150lbs RF	ANSI B16.5	FILTRATE OUTLET
C	1	2 1/2"	150lbs RF	ANSI B16.5	SLURRY & WASH INLET
D	1	1/2"	150lbs RF	ANSI B16.5	N2 TO SOLIDS HOUSING
E	1	1/2"	150lbs RF	ANSI B16.5	SPRAY NOZ. TO BACK BOWL
F	1	1/2"	150lbs RF	ANSI B16.5	SPRAY NOZ. TO FILT. HSG.
G	1	1/2"	150lbs RF	ANSI B16.5	SPRAY NOZ. TO SOLID HSG.
H	1	2"	150lbs RF	ANSI B16.5	VENT CONNECTION
J	1	1/4"	STEEL	TUBE FITTING	N2 TO LABYRINTH
K	1	1/8"	STEEL	TUBE FITTING	N2 PRESSURE MEASUREMENT
L	1	1/4"	STEEL	TUBE FITTING	N2 TO BEARING HOUSING
M	1	1"	3000lbs	JIC 37	AX. HYD. PRESSURE LINE
N	1	1/2"	3000lbs	JIC 37	AX. HYD. LEAK OIL LINE
P	1	1"	3000lbs	JIC 37	AX. HYD. PRESSURE LINE

*SEE NOTE 7

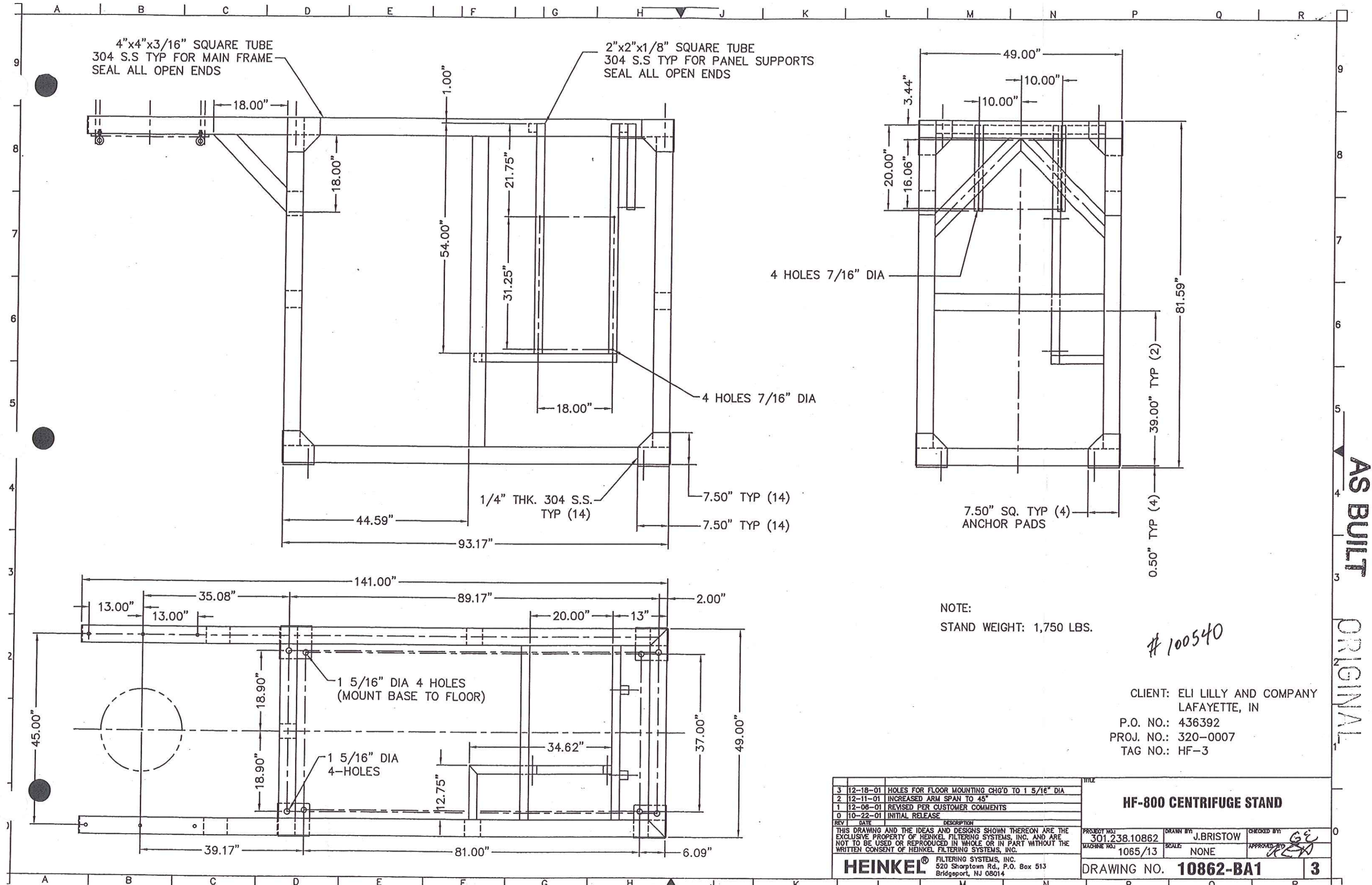
CENTRIFUGE MATERIALS			
ITEM	MATERIAL	IN. FIN.	OUT. FIN.
HSG. FILT. & SOL.	HASTELLOY C22	180 GRIT	180 GRIT
FRAME	1.4571 STN. STL.	N/A	180 GRIT
BODY	1.4571 STN. STL.	N/A	180 GRIT
COVERS	1.4571 STN. STL.	N/A	180 GRIT
PROD. CONT. PARTS	HASTELLOY C22	180 GRIT	N/A
PROD. CONT. SEALS	FEP COATED HDL. CORE SILCH.	N/A	N/A
FILTER CLOTH	PP2703 POLYPROPYLENE	N/A	N/A
CYCLONE	HASTELLOY C22	N/A	N/A
AIR CIRC. PIPE	HASTELLOY C22	N/A	180 GRIT
SPRAY NOZZLES	TEFLON	N/A	N/A
SPRAY NOZ. PIPING	1.4571 STN. STL.	N/A	N/A
PRESS. COMPENSTR.	S.S. V/EP CHLORHYDRENE	N/A	N/A

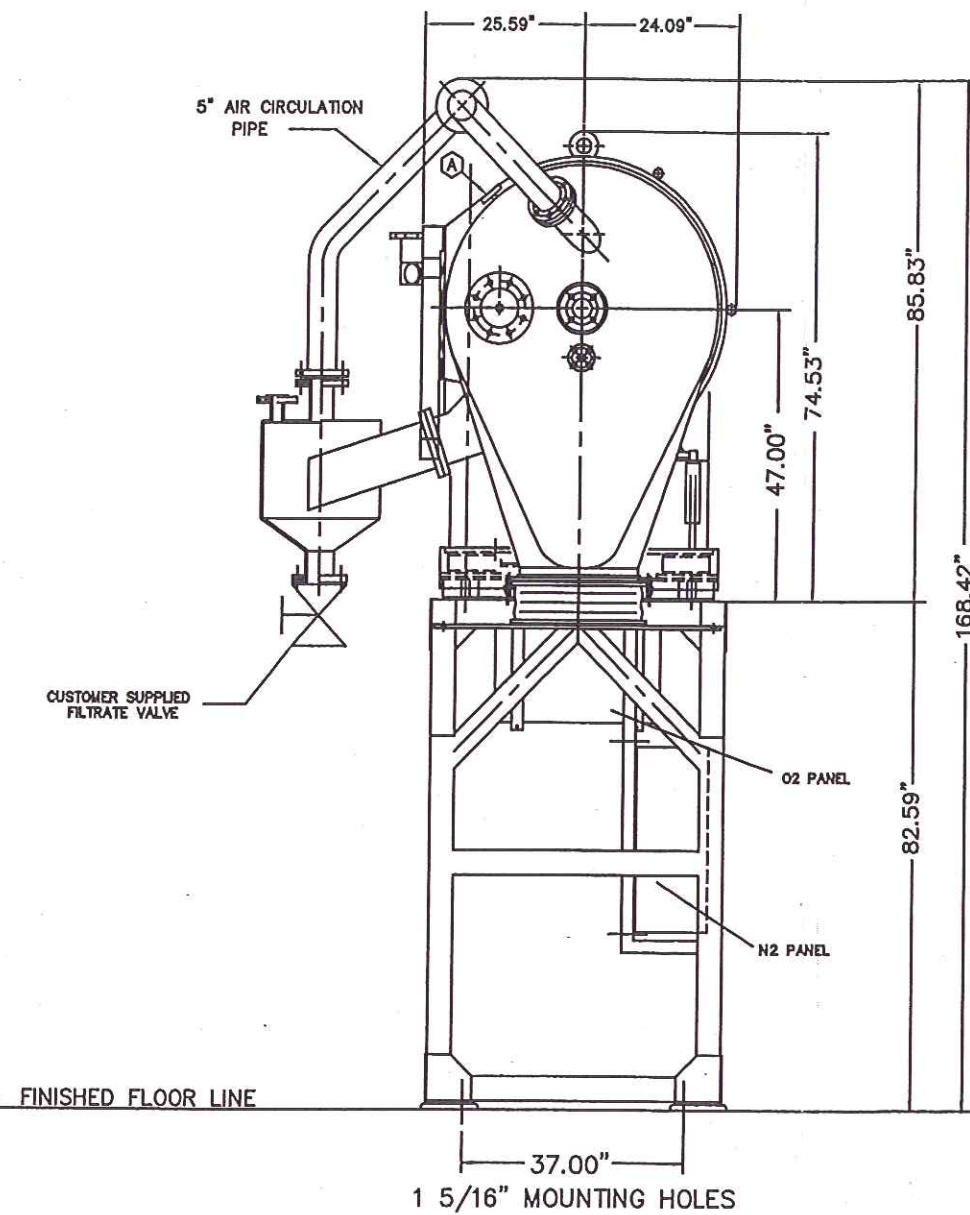
- NOTES:
- CONSTRUCTION: GASTIGHT
 - MAX. FILLING VOL.: 119 LITERS (31.5gal)
 - MAX. FILLING WT.: 149kg (328.3lbs)
 - WITH 1.5 kg UNBALANCED LOAD AND MAX. SPEED RESULTING FORCE = 1400kg (3087lbs)
 - ALL DIMENSIONS ARE SHOWN IN MILLIMETERS WITH U.S. INCH EQUIVALENTS
 - ALL CONNECTIONS FROM AND TO THE MACHINE MUST BE FLEXIBLE
 - TWO 3' LONG SECTIONS OF HYDRAULIC HOSES SUPPLIED BY HEINKEL FOR EACH CONNECTION. ONE SECTION TO CENTRIFUGE-ONE SECTION TO HYDRAULIC POWER UNIT-TUBING BETWEEN HOSE LENGTHS BY OTHERS
 - MACHINE WEIGHT: 10,950 LBS.

#100540

CLIENT: ELI LILLY AND COMPANY
LAFAYETTE, IN
P.O. NO.: 436392
PROJ. NO.: 320-0007
TAG NO.: HF-3

2 02-21-02 AS BUILT		TITLE INVERTING FILTER CENTRIFUGE MODEL HF-800 HASTELLOY GERNERAL ARRANGEMENT	
1 10-25-01 INITIAL RELEASE		PROJECT NO.: 301, 238, 10862	
REV. DATE DESCRIPTION		DRAWN BY: J. BRISTOW	
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.		CHECKED BY: GE	
HEINKEL® FILTERING SYSTEMS, INC. 520 Sharptown Rd., P.O. Box 513 Bridgeport, NJ 08014		SCALE: 1065/13 NONE	
		APPROVED BY: KCA	
		DRAWING NO. 10862-MA1	
		2	





WEIGHT OF MACHINE , STAND AND PANELS: 13,000 LBS

#100540

P.O. NO.: 436392
PROJ. NO.: 320-0007
TAG NO.: HF-3



GENERAL ARRANGEMENT HF-800 WITH STAND

PROJECT NO:	301.238.10862	DRAWN BY:	J.BRISTOW	CHECKED BY:	GE
MACHINE NO:	1065/13	SCALE:	NOT TO SCALE	APPROVED BY:	BEA

DRAWING NO.	10862-BA2	2
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AS BUILT ORIGINAL