

FL2-907-147
 FOR ENGINEERING REFERENCE ONLY
 XL2-907-105
 PART NUMBER FIRST USED 1A00038 100

- NOTES:
- FLEXIBLE CONNECTORS ARE REQUIRED FOR ALL CONNECTIONS TO THE CENTRIFUGE AND HOPPERS BY CUSTOMER
 - OVERHEAD MONORAIL TO BE PROVIDED BY CUSTOMER. HEIGHT SHOWN IS THE CLEARANCE REQUIRED TO REMOVE THE ROTATING ASSEMBLY, LUBE SYSTEM, MOTOR GUARDS, ETC.
 - PAD IS DEFINED AS CONCRETE, GROUT OR STEEL. CUSTOMER TO DESIGN AND USE WHICHEVER IS MOST SUITED TO THE FOUNDATION. SEE NOTICE.
 - CUSTOMER TO PROVIDE SUITABLE OPENING(S) IN FOUNDATION FOR HOPPERS CONSISTENT WITH STRUCTURAL REQUIREMENTS. SEE NOTICE.
 - MACHINE LOADING
 STATIC WEIGHTS EMPTY ARE AS FOLLOWS:

OPERATING WEIGHT:	8000 LBS (3672 Kg)
STATIC MACHINE WEIGHT, INCLUDING ROTATING ASSEMBLY:	5950 LBS (2700 Kg)
MAIN DRIVE MOTOR WITH SLIDE RAILS:	875 LBS (397 Kg)
BACKDRIVE MOTOR WITH MOUNTING PLATE:	511 LBS (232 Kg)
ROTATING ASSEMBLY (INCLUDING GEAR UNIT & PILLOW BLOCKS):	2200 LBS (997 Kg)
GEAR UNIT:	290 LBS (131 Kg)
OIL SYSTEM:	500 LBS (226 Kg)

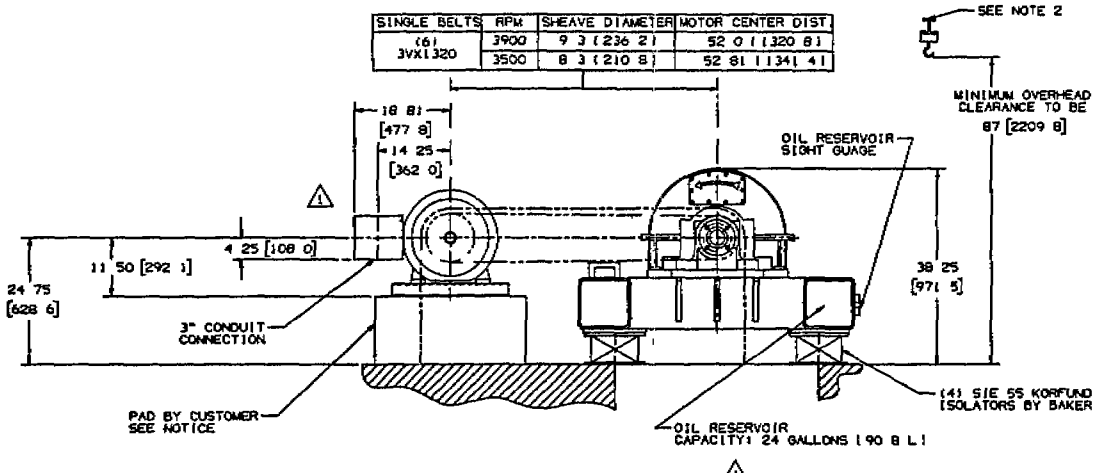
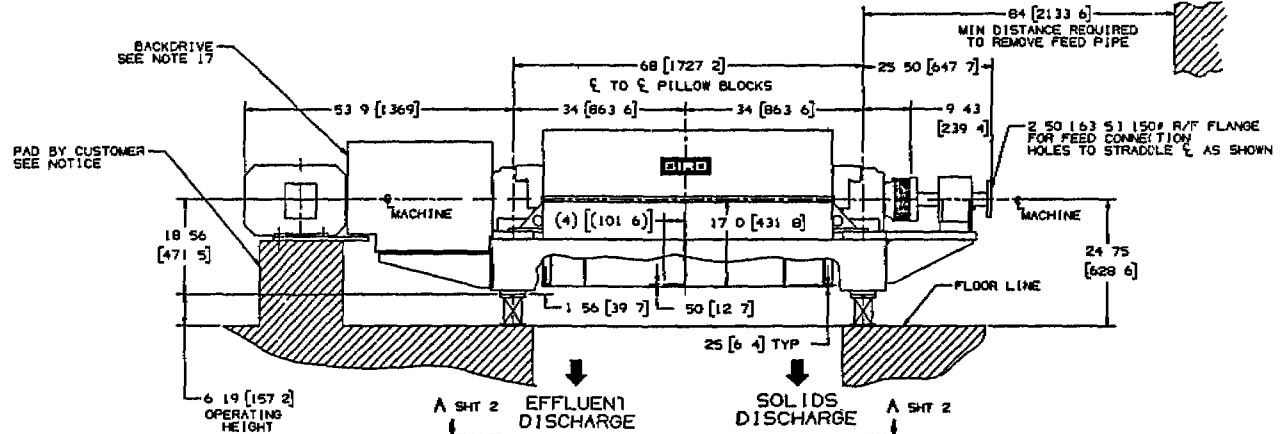
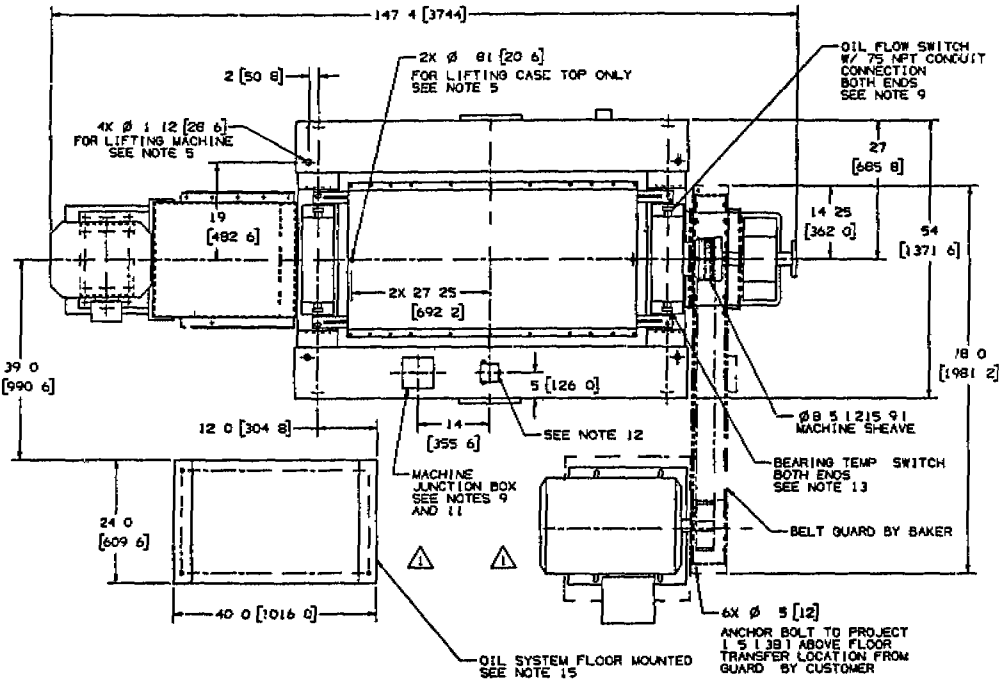
DYNAMIC LOADS AT FULL BOWL CONDITION:
 A. MAXIMUM FORCE TRANSMITTED TO THE FOUNDATION AT THE HIGHEST OPERATING SPEED:
 VERTICAL: 11580 0 lbf (51361 0 N); HORIZONTAL: 11361 1 lbf (50834 7 N) AXIAL: 1440 7 lbf (6444 4 N)

B. MAXIMUM VERTICAL FORCE TRANSMITTED TO THE FOUNDATION AT THE MACHINE ISOLATORS
 NATURAL FREQUENCY OF 228 7 cpm (1608 5 lbf/2711 3 N)

- NOTE:
 STATIC AND DYNAMIC LOADS ARE TOTAL LOADS APPLIED TO THE FOUNDATION BELOW THE ISOLATORS. ASSUME LOADS ARE DISTRIBUTED 65% ON THE SOLIDS END AND 35% AT THE EFFLUENT.
- MOTOR SHEAVES SUPPLIED PROVIDE FOR MACHINE SPEEDS OF 3500 RPM AND 3900 RPM AT A MOTOR SPEED OF 3600 RPM. THE MACHINE DESIGN SPEED IS 3900 RPM WHICH MUST NOT BE EXCEEDED.
 - TORQUE BOLTS PER BAKER PROCESS ENGINEERING BULLETIN 44 047. DO NOT SUBSTITUTE FOR BAKER PROCESS SPECIFIED BOLTS AND SCREWS. THESE FASTENERS MEET SPECIFIC DESIGN STANDARDS REQUIRED TO ACHIEVE THE TORQUE VALUES AND PRELOAD NECESSARY FOR THE SERVICE CONDITIONS IMPOSED ON BAKER PROCESS PRODUCTS.
 - DO NOT REMOVE SNUBBERS FROM THE VIBRATION ISOLATORS DURING INSTALLATION. THESE PARTS ARE AN INTEGRAL PART OF THE ISOLATOR.
 - ELECTRICAL EQUIPMENT: SEE MACHINE WIRING DIAGRAM FOR CONNECTIONS, CONDUIT SIZES AND OTHER INFORMATION.
 - INTERCONNECTING WIRING WITHIN CENTRIFUGE TO COMMON JUNCTION BOX BY BAKER PROCESS.
 - COMMON JUNCTION BOX BY BAKER PROCESS.
 - VIBRATION SWITCH. SEE MACHINE WIRING DIAGRAM IN OPERATION AND MAINTENANCE MANUAL FOR IMPLEMENTATION AND VIBRATION SET POINTS.
 - MAIN BEARINGS HIGH TEMPERATURE PROTECTION DEVICE WIRED TO COMMON JUNCTION BOX BY BAKER PROCESS ONE PER BEARING.
 - FOR BACKDRIVE DETAILS REFER TO OPERATION AND MAINTENANCE MANUAL.
 - OIL LUBRICATION SYSTEM: SEE OIL SYSTEM ASSEMBLY DRAWING FOR CONNECTIONS AND PIPING. SEE OPERATING MANUAL FOR FLOW REQUIREMENTS AND OTHER INFORMATION.
 - ALL DIMENSIONS IN () ARE IN MILLIMETERS.
 - REFER TO OPERATIONS AND MAINTENANCE MANUAL FOR BACKDRIVE ASSEMBLY DRAWINGS.
 - SEE P & I DIAGRAM DRAWING NUMBER DLO 970 131 FOR CUSTOMERS TAGGING REQUIREMENTS.

LOCATION	MAKE	FRAME	TYPE	HP/KW	RPM	PHASE	CYCLE	VOLTS	SUPPLIED BY
MAIN DRIVE	RELIANCE	365T	TEFC XEX	50/37 3	3600	3	60	460	BAKER
BACKDRIVE	RELIANCE	284TS	FCXP XE	15/11 2	3600	3	60	460	BAKER
OIL SYSTEM	ALPAK	143T	TEFC XP	1/ 75	1710	3	60	460	BAKER

#93131



NOTICE
 THE OUTLINE AND FOUNDATION DRAWING SUPPLIED BY BAKER PROCESS IS INTENDED TO PROVIDE A FOOTPRINT ALONG WITH LOADING DATA. IT IS NOT MEANT TO INDICATE FOUNDATION DESIGN. THE FOUNDATION MUST BE DESIGNED AND CONSTRUCTED BY AN INDIVIDUAL KNOWLEDGEABLE IN THIS FIELD. BAKER PROCESS ACCEPTS NO RESPONSIBILITY FOR THE DESIGN, CONSTRUCTION OR WORKMANSHIP OF THE FOUNDATION.

THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF BAKER PROCESS AND IS CONFIDENTIAL AND MUST NOT BE MADE PUBLIC OR COPIED. THIS DRAWING IS LOANED AND SUBJECT TO RETURN UPON DEMAND AND IS NOT TO BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS.
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NO	DATE	REVISION	NAME	REV
105	2-28-00	REVISE MOTOR AND OIL SYSTEM LOCATION		
		NEW RELEASE		

CAD DRAWING	U011	SHEET	3	DRAWN BY	KJC	DATE	12 2 99	TITLE	OUTLINE AND FOUNDATION
STANDARD FABRICATION TOLERANCES	DIMENSION		TOLERANCE		PROB ENG	DATE	12 13 99	MODEL	HP2400 CONT CENT
	0" < 12" (0 < 300)		± 0.111		JWK	DATE	12 13 99	DRAWING NUMBER	FL2-907-147
	12" < 24" (300 < 600)		± 0.0411		DESIGN	DATE	12 13 99		
	24" < 36" (600 < 900)		± 0.0911		DATE				
	OVER 36" (900)		± 0.1211						
FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED									
FINISHED WEIGHT	SCALE		NONE		S.D. NO.	AAFOO38		BAKER HUGHES	

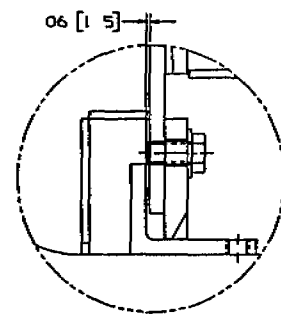
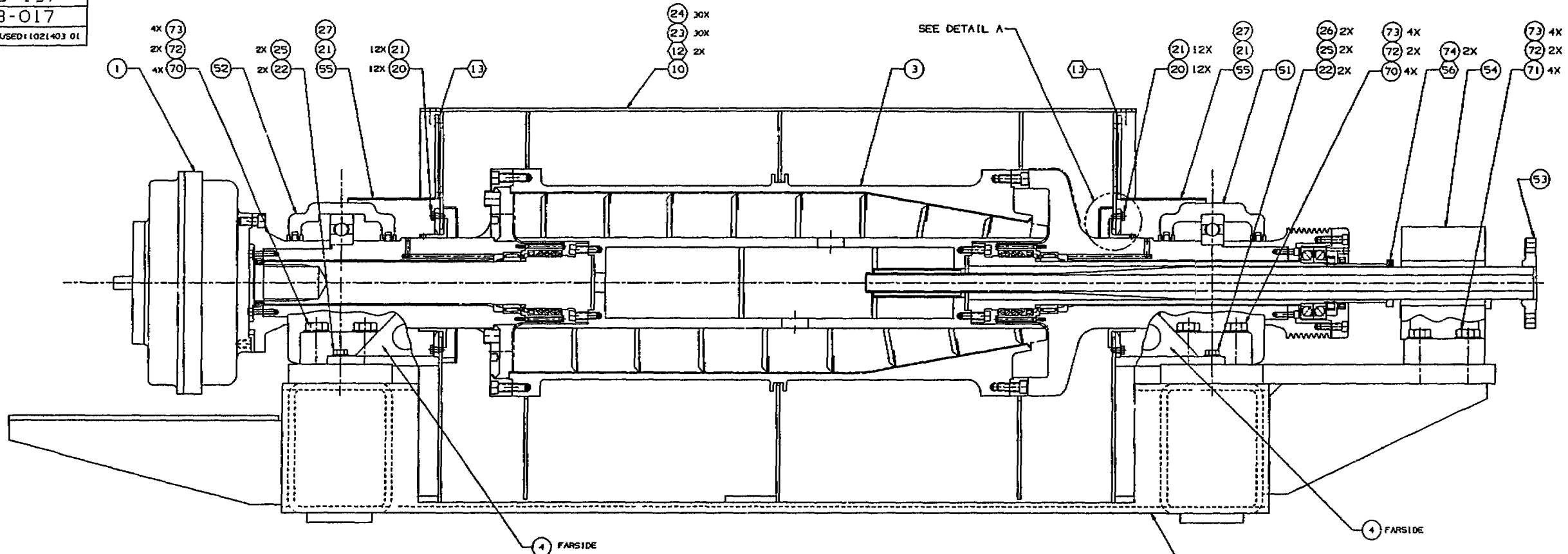
DL2-908-141

FOR ENGINEERING REFERENCE ONLY

DL2-908-137

ZL2-908-017

PART NUMBER FIRST USED: 1021403 01



2X (57) FAR SIDE TOP
2X (75)

STANDARD FABRICATION TOLERANCES	
DIMENSION	TOLERANCE
0" < 12" (0 < 300)	±.04 (1.1)
12" < 24" (30 < 600)	±.06 (1.5)
24" < 36" (600 < 900)	±.09 (2.2)
OVER 36" (900)	±.12 (3.1)

FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED

VALUES IN [] ARE METRIC UNITS

DETAIL A
SCALE ENLARGED
GAP BETWEEN FLINGER AND CASE
TYPICAL EACH END

#93131

- NOTES
- THIS SYMBOL INDICATES A RECOMMENDED SPARE PART WHEN ORDERING SPARE PARTS PLEASE PROVIDE THE FOLLOWING:
 - MACHINE SERIAL NUMBER
 - THIS ASSEMBLY DRAWING NUMBER
 - ITEM NUMBER
 - ITEM PART NUMBER, (SEE BILL OF MATERIAL)
 - TORQUE BOLTS PER ENGINEERING BULLETIN #44-047 DO NOT SUBSTITUTE FOR BAKER PROCESS SPECIFIED BOLTS AND SCREWS THESE FASTENERS MEET SPECIFIC DESIGN STANDARDS REQUIRED TO ACHIEVE THE TORQUE VALUES AND PRELOAD NECESSARY FOR THE SERVICE CONDITIONS IMPOSED ON BAKER PROCESS PRODUCTS
 - REFER TO ROTATING ASSEMBLY DRAWING FOR TYPE AND FREQUENCY OF LUBRICATION
 - UNITS OF MEASURE SHOWN ARE ENGLISH [METRIC]

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ECO NO	DATE	REVISION	NAME	REV

CAD DRAWING	U011	SHEET	1	OF	1
TOLERANCES FOR MACHINED SURFACES					
1.0	±.125	±.04	(.040)		
1.0	±.125	±.02	(.020)		
1.00	±.125	±.01	(.010)		
1.000	±.005				

FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED

ALL FINISH SURFACES 125 UNLESS OTHERWISE NOTED

DRAWN BY:	CAH	DATE:	2 28 00
CHECKED BY:		DATE:	
DESIGN ENGR:		DATE:	03-14-00
WFS ENGR:		DATE:	
N.A.		DATE:	
N.A.		DATE:	
FINISHED WEIGHT:	N/A		
SCALE:	NONE	S.O. NO. 1:	AAPO03B

TITLE: MACHINE ASSEMBLY
 MACHINE: MODEL 2400 CONT. CENT.
 DRAWING NUMBER: DL2-908-141
BAKER HUGHES
 Baker Process
 SOUTH BEND, INDIANA, U.S.A.



DOC 01 Machine Abstract - MODEL 2400 , SERIAL NUMBER LB-5043

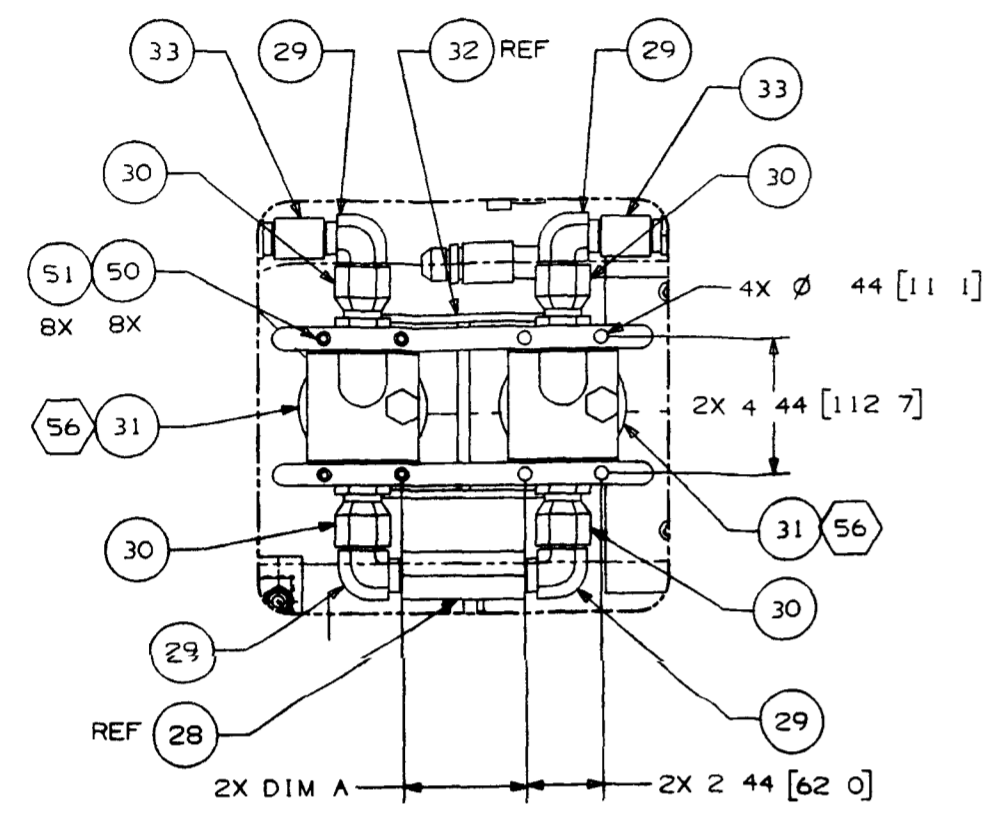
Status Description
Customer HOECHST CELANESE CORPORATION
Customer Order Number 4500063231
Machine Serial Number LB-5043
Sales Order Number AAP0038
Machine Size 14" x 42"
Rotation Left Hand
Material of Construction 316L Stainless Steel
Machine Operating Speed 3500 RPM
Design Speed 3900 RPM
Ship Speed 3500 RPM
Belt Guards Steel
Gear Guards Steel
Hoppers Supplied by Customer
Control Panel Nema 4X Enclosure Finish Stainless Steel - Z-Purge Operator Interface Panel View 900 LCD Display - PLC Allen Bradley Slik 500 SC4
OPTIONS VFD Interface - Interface with DCS Control Signals

#97131

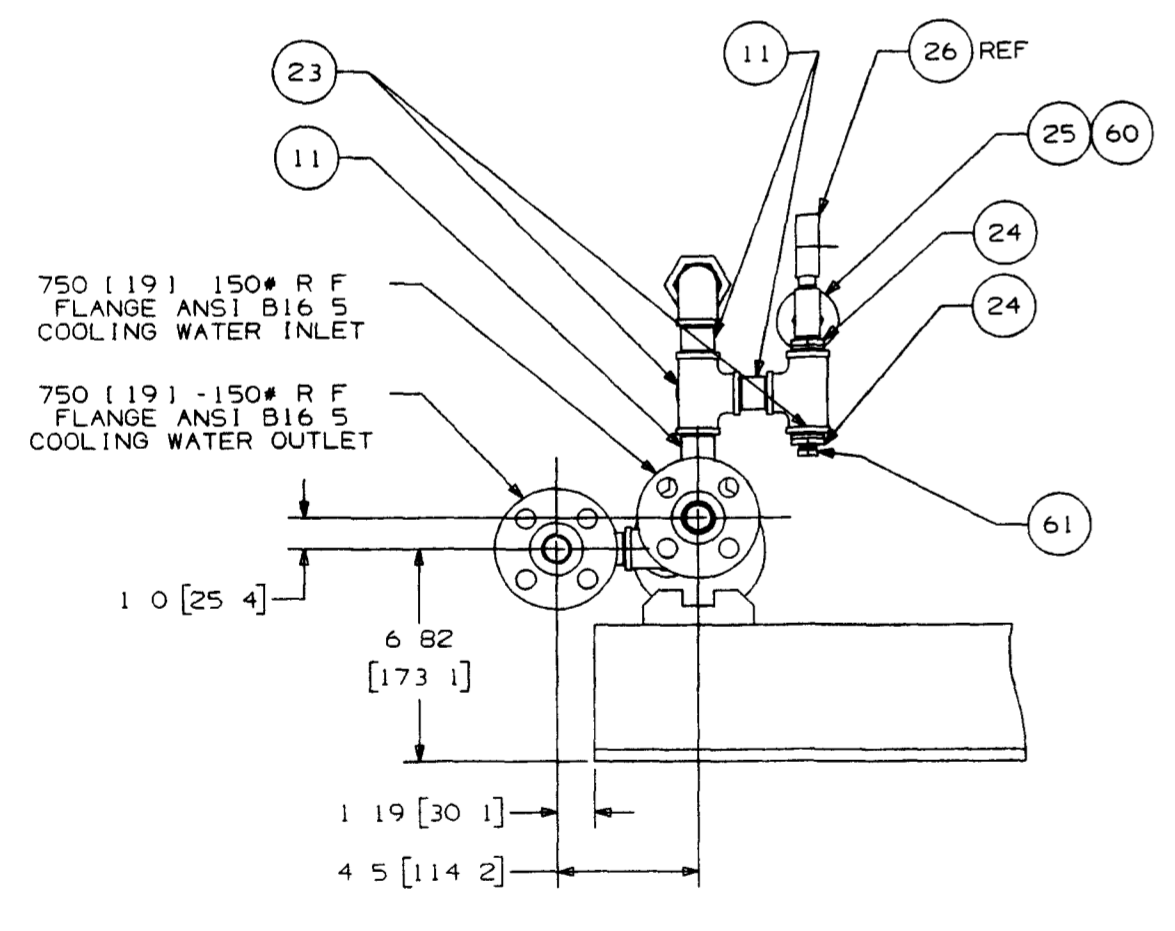
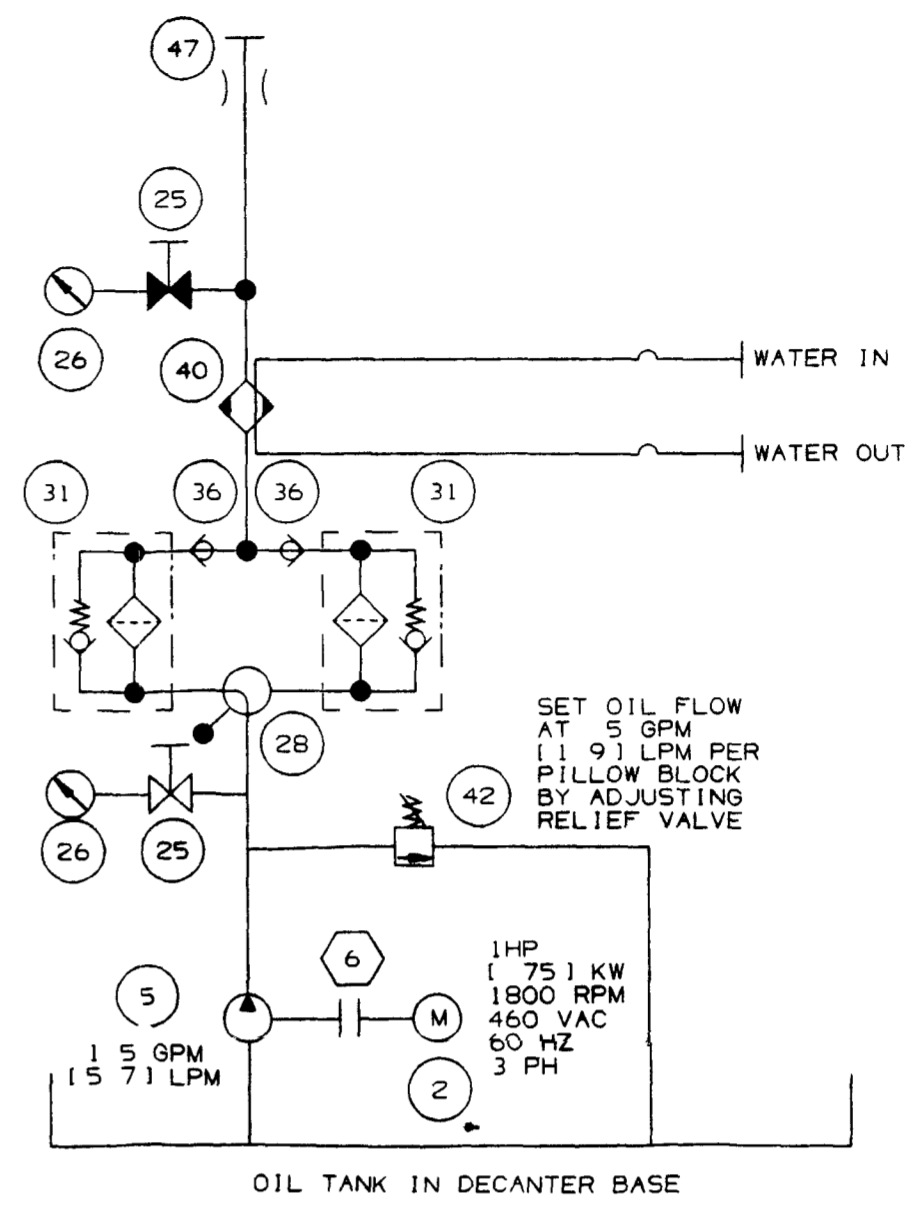
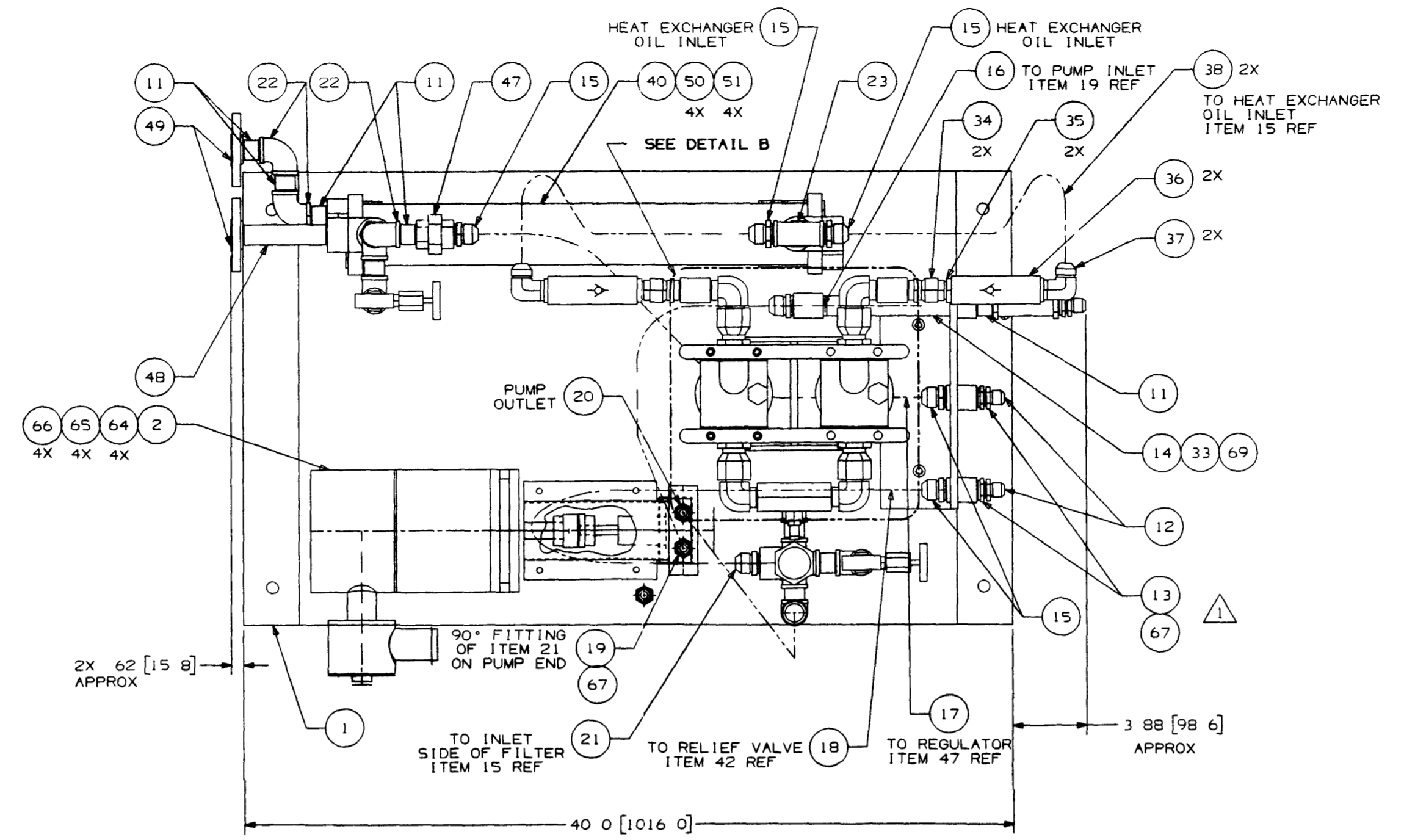
DOC 02 Gear Unit Style

Status Description
Type PA69H
Ratio 140/1
Oil Type SHC632
Capacity 8 75 Quarts

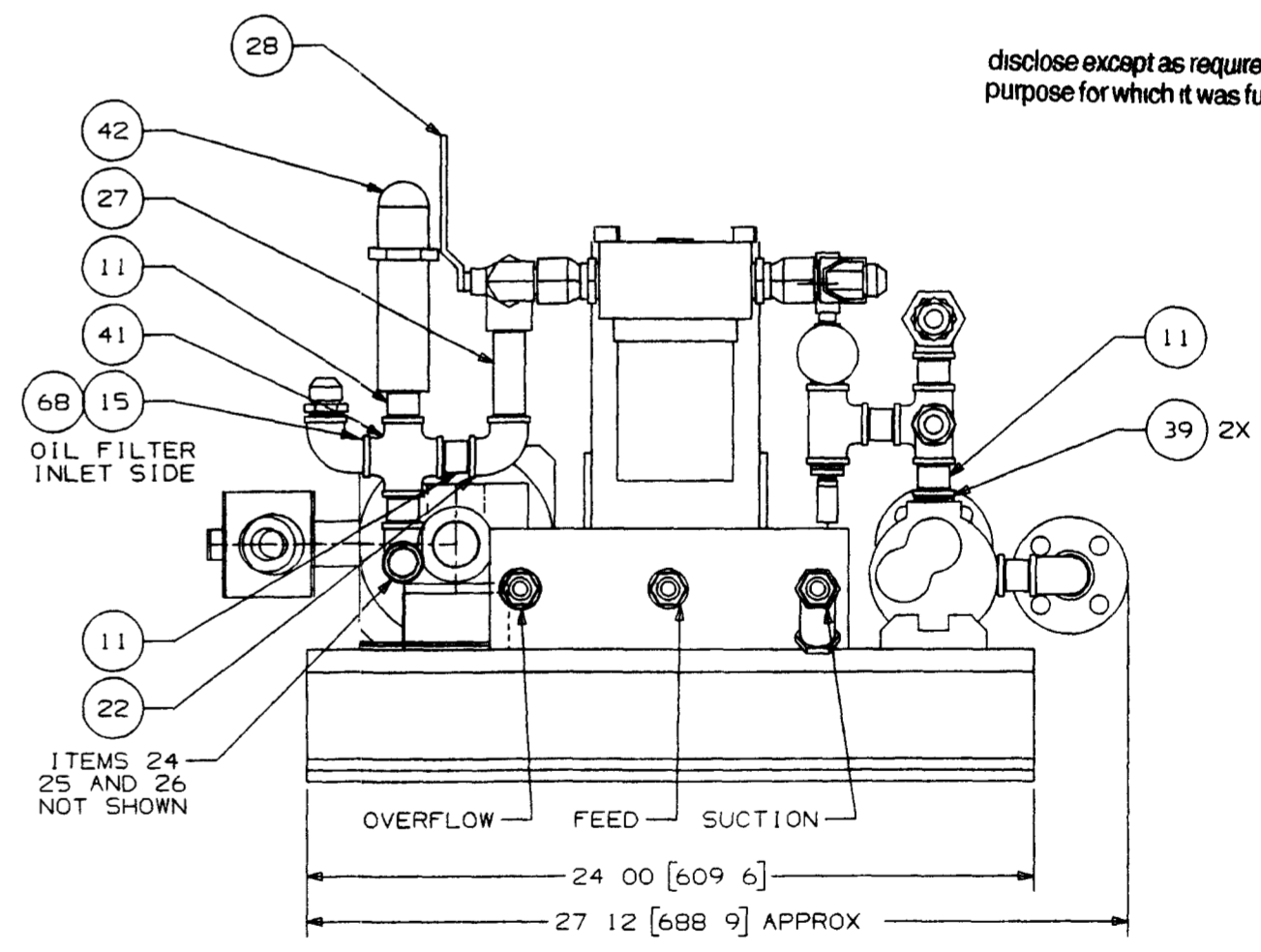
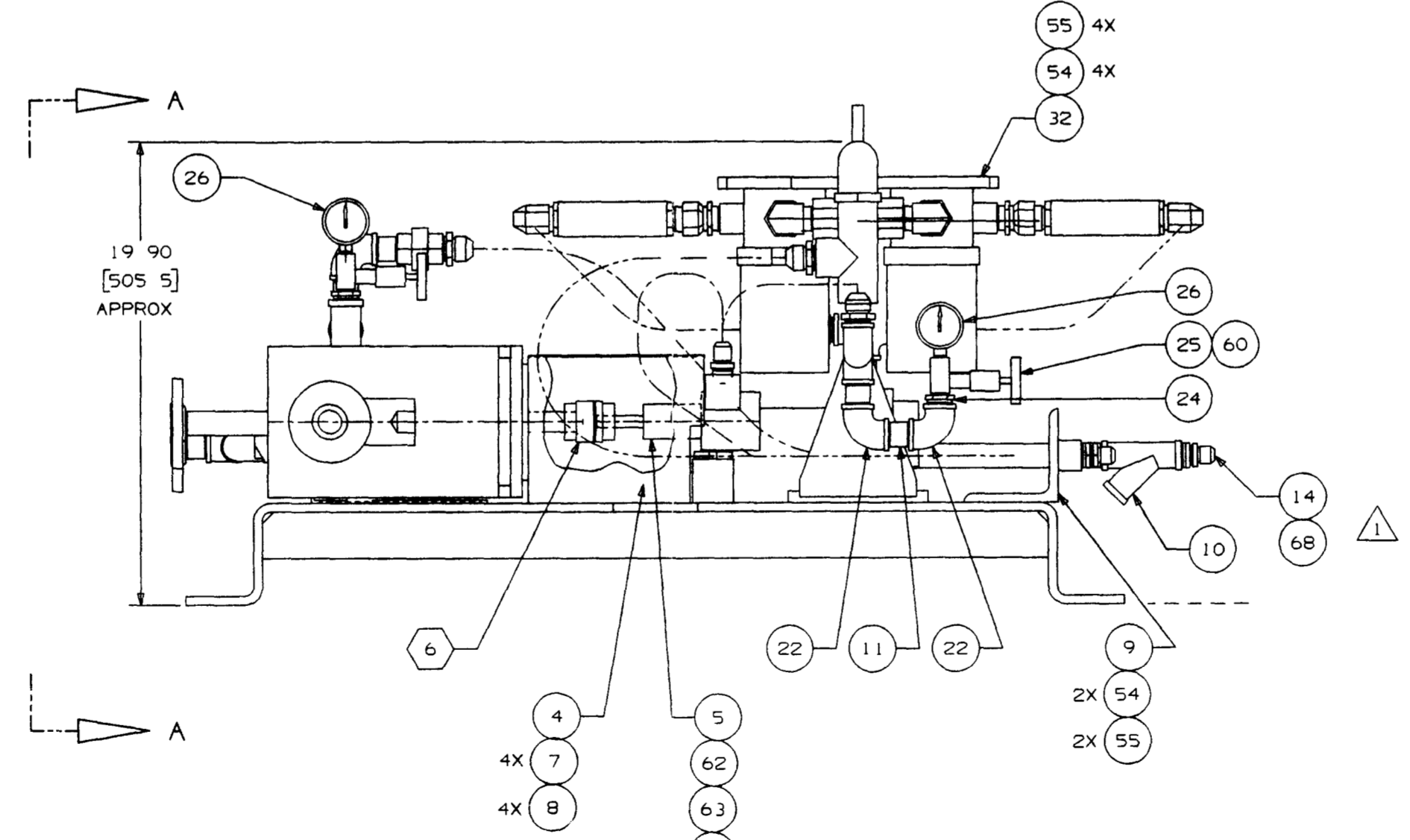
FL2-906-130
 FOR ENGINEERING REFERENCE ONLY
 DL2-906-128
 FL2-906-129
 PART NUMBER FIRST USED 1022233 01



DETAIL B
 PLUMB ITEMS 28-30 TO ITEM 31
 MEASURE DIM A ACCORDING TO THE STACK UP
 DRILL (4) Ø 44 [11 2] DIA HOLES IN ITEM 32 AS SHOWN



VIEW A-A
 PARTIAL VIEW



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 disclose except as required for the
 purpose for which it was furnished"

93131

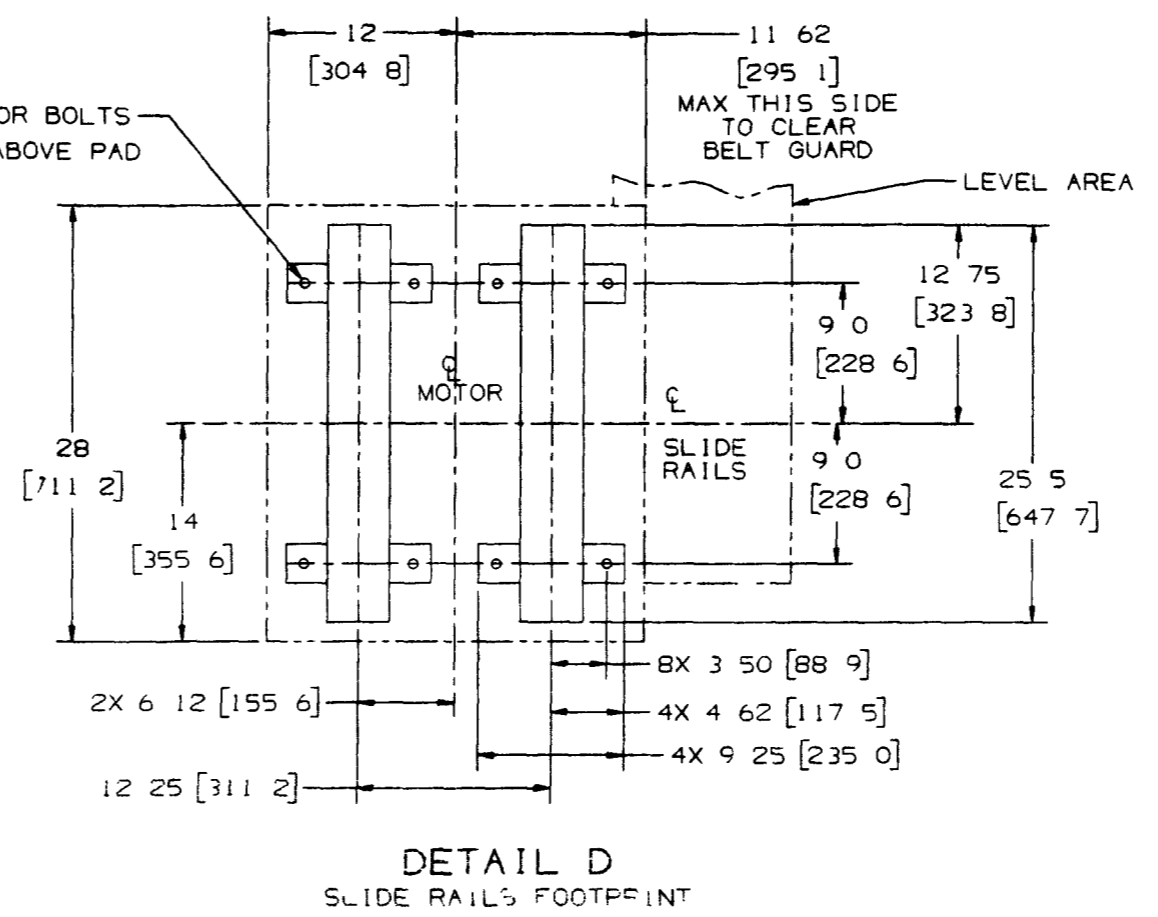
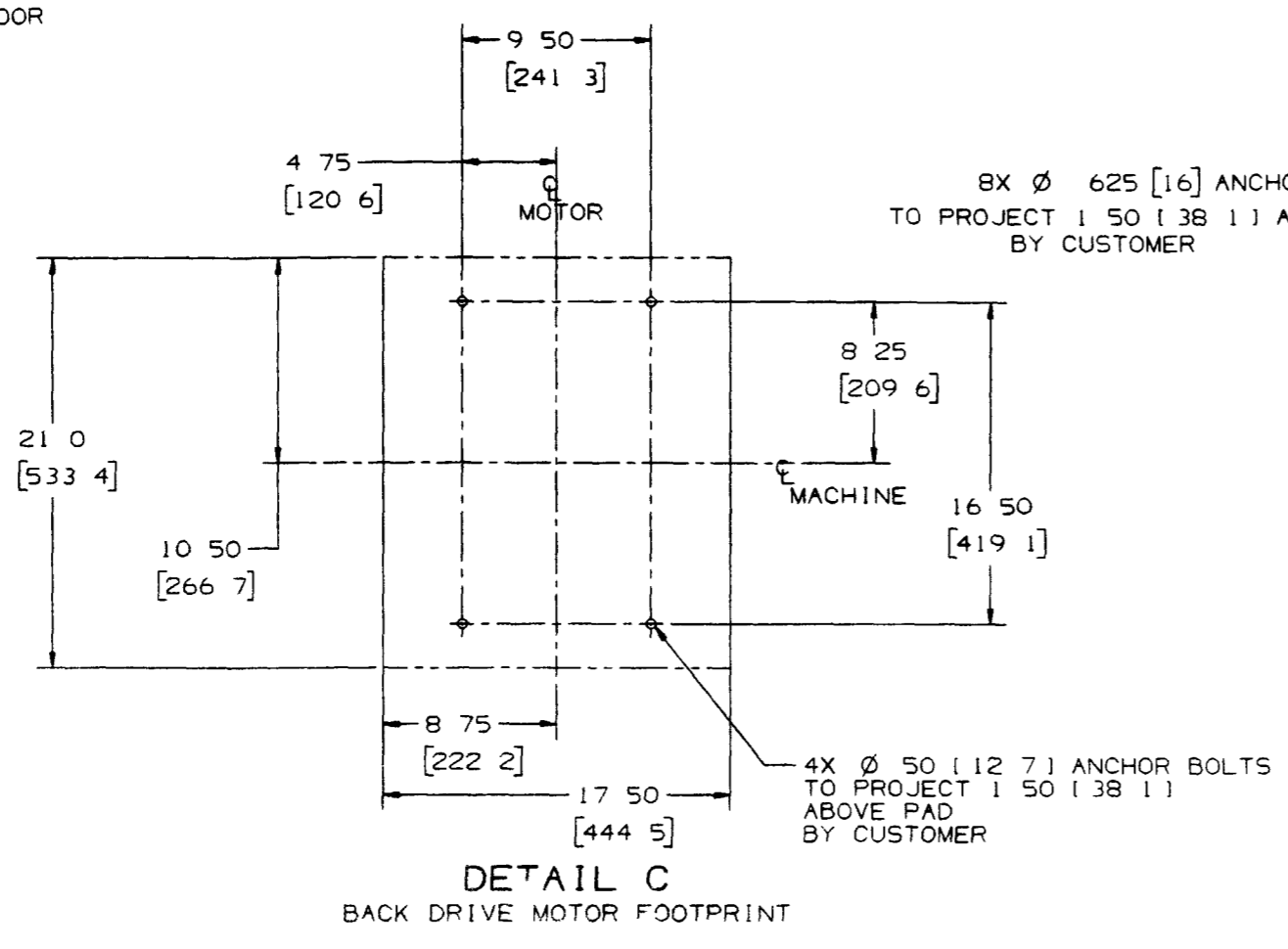
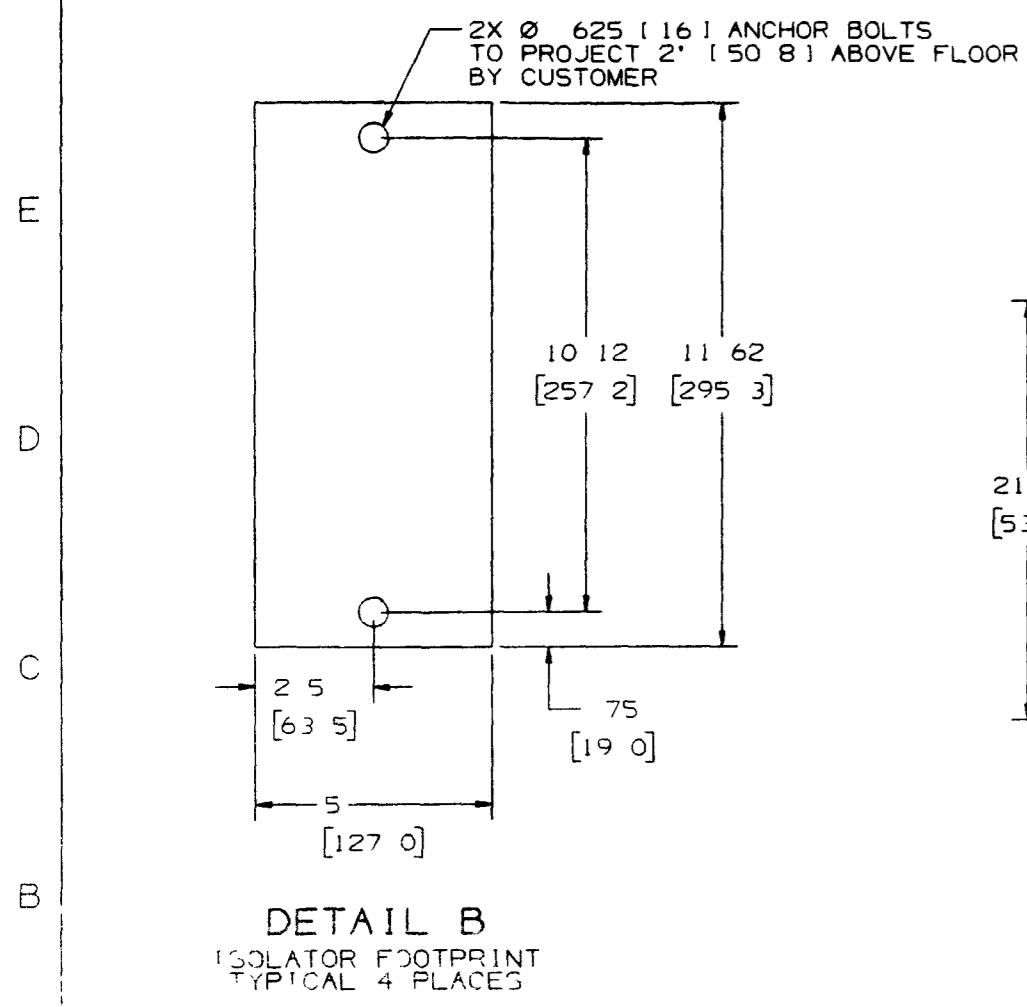
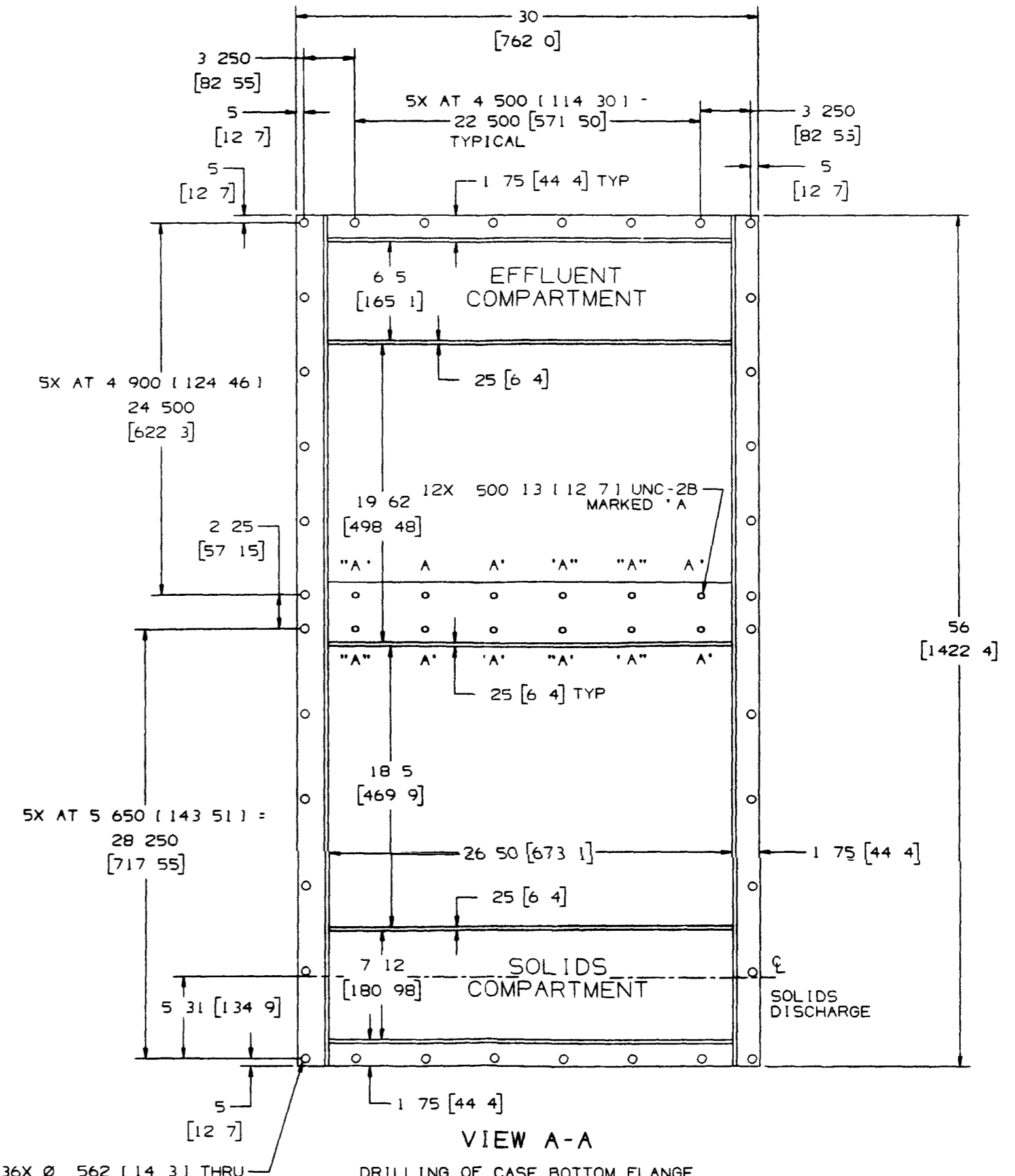
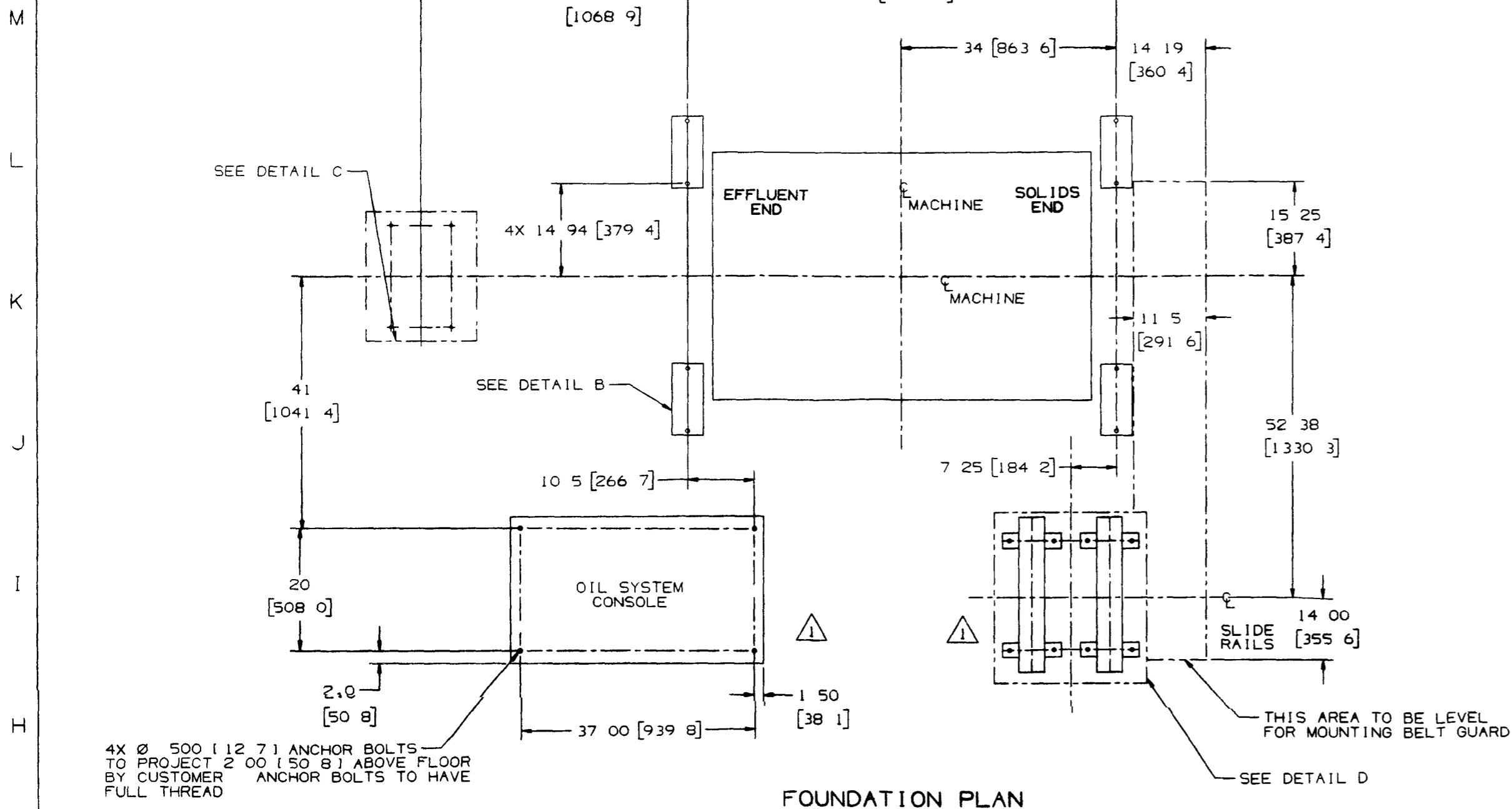
- NOTES**
- THIS SYMBOL INDICATES A RECOMMENDED SPARE PART WHEN ORDERING SPARE PARTS PLEASE PROVIDE THE FOLLOWING
 a) MACHINE SERIAL NUMBER
 b) THIS ASSEMBLY DRAWING NUMBER
 c) ITEM NUMBER
 d) ITEM PART NUMBER, (SEE BILL OF MATERIAL)
 - TORQUE BOLTS PER ENGINEERING BULLETIN 44-047 DO NOT SUBSTITUTE FOR BAKER PROCESS SPECIFIED BOLTS AND SCREWS THESE FASTENERS MEET SPECIFIC DESIGN STANDARDS REQUIRED TO ACHIEVE THE TORQUE VALUES AND PRELOAD NECESSARY FOR THE SERVICE CONDITIONS IMPOSED ON BAKER PROCESS PRODUCTS
 - UNITS OF MEASURE SHOWN ARE ENGLISH [METRIC]
 - SEE P & I DIAGRAM DRAWING NUMBER DLO-970 131 FOR CUSTOMERS TAGGING REQUIREMENTS

CUSTOMER: CELANESE ENGRG RESING INC
 CUSTOMER P.O.# 4500063231
 BAKER PROCESS 50 WALPOLE MA 01981
 MACHINE SERIAL NO 13 5043
 MACHINE TAG NO 10043512
 UNLESS APPROVED AS SENT AND FABRICATION WILL PROCEED AS SHOWN
 FINAL CERTIFIED
 SIGNED: [Signature] DATE: 04/05/00

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905	2 29 00	REVISE ITEM NUMBERS ADD NOTE 4	CAH		CAD DRAWING UG11	SHEET 1 OF 2	DRAWN BY KJC	DATE 12 2-99	TITLE ASSEMBLY, OIL SYSTEM	
STANDARD FABRICATION TOLERANCES			CHECKED BY		DIMENSION		DATE		MACHINE MODEL 2400/2300 CONT GEN	
0" < 12" [0 < 300] ± 0.04 [1]			PROD ENG JWK		12 < 24 [300 < 600] ± 0.06 [1.5]		12-13-99		DRAWING NUMBER	
12 < 24 [300 < 600] ± 0.06 [1.5]			DESIGN ENG RLP		24" < 36" [600 < 900] ± 0.09 [2.2]		DATE 12-13-99		FL2-906-130	
OVER 36 [900] ± 0.12 [3]			MFG ENG N/A		FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED		DATE		BAKER HUGHES	
FINISHED WEIGHT			SCALE		VALUES IN [] ARE METRIC UNITS		N/A		Baker Process SOUTH WALPOLE, MASS. USA	
NONE			5 0 NO 1				AAPO03B			

FL2-907-147
 FOR ENGINEERING REFERENCE ONLY
 XL2-907-105
 PART NUMBER FIRST USED AAPO03B 100



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 disclose except as required for the
 purpose for which it was furnished

MS-3372
 CUSTOMER CELANESE ENGRG RES INC
 CUSTOMER P O # 4500063231
 BAKER PROCESS S O # AAPO03B
 MACHINE SERIAL NO LB 504
 BAKER PROCESS MACHINE TAG NO 10043512
 UNCERTIFIED TYPICAL FOR GENERAL ARRANGEMENT ONLY DO NOT USE FOR INSTALLATION FOUNDATION DESIGN ETC
 FOR APPROVAL UNLESS DRAWING IS RETURNED BAKER PROCESS 5 WALPOLE MA WITHIN 30 DAY OF DATE TRANSMITTED FROM BAKER PROCESS WITH JWP/FIC INSTRUCTIONS NOT TO PROCEED DRAWING WILL BE CONSIDERED APPROVED AS SENT AND FABRICATED AS SHOWN
 FINAL CERTIFIED DISCARD ALL PREVIOUS EDITIONS OF THIS DRAWING
 SIGNED [Signature] DATE 07/05/00

NOTICE		THIS DRAWING AND ALL INFORMATION THEREON IS THE PROPERTY OF BAKER PROCESS AND IS CONFIDENTIAL AND MUST NOT BE MADE PUBLIC OR COPIED THIS DRAWING IS LOANED AND SUBJECT TO RETURN UPON DEMAND AND IS NOT TO BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO OUR INTERESTS		CAD DRAWING UG11 SHEET 2 OF 3		DRAWN BY KJC DATE 12-2-99		TITLE OUTLINE AND FOUNDATION	
THE OUTLINE AND FOUNDATION DRAWING SUPPLIED BY BAKER PROCESS IS INTENDED TO PROVIDE A FOOTPRINT ALONG WITH LOADING DATA IT IS NOT MEANT TO INDICATE FOUNDATION DESIGN THE FOUNDATION MUST BE DESIGNED AND CONSTRUCTED BY AN INDIVIDUAL KNOWLEDGEABLE IN THIS FIELD BAKER PROCESS ACCEPTS NO RESPONSIBILITY FOR THE DESIGN, CONSTRUCTION OR WORKMANSHIP OF THE FOUNDATION		© COPYRIGHT BAKER PROCESS 2000		STANDARD FABRICATION TOLERANCES		CHECKED BY		MACHINE MODEL HP2400 CONT CENT	
				DIMENSION TOLERANCE		DATE 12 13-99		DRAWING NUMBER FL2-907-47	
				0" < 12" [0 < 300] ± 0.4 [1]		DATE 12 13-99			
				12" < 24" [300 < 600] ± 0.6 [1.5]		DATE 12 13-99			
				24" < 36" [600 < 900] ± 0.9 [2.2]		DATE			
				OVER 36" [900] ± 1.2 [3]		DATE			
				FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED		DATE			
				905 2 28 00 REVISE MOTOR AND OIL SYSTEM LOCATION		FINISHED WEIGHT N/A		BAKER HUGHES	
				NEW RELEASE		SCALE NONE		Baker Process SOUTH WALPOLE, MASS. USA	
				ECO NO DATE REVISION NAME REV		SCALE NONE		S O NO 1 AAPO03B	
				VALUES IN () ARE METRIC UNITS					

FL2-907-147
 FOR ENGINEERING REFERENCE ONLY
 XL2-907-105
 PART NUMBER FIRST USED: AAP0038 100

- NOTES
- 1 FLEXIBLE CONNECTORS ARE REQUIRED FOR ALL CONNECTIONS TO THE CENTRIFUGE AND HOPPERS, BY CUSTOMER
 - 2 OVERHEAD MONORAIL TO BE PROVIDED BY CUSTOMER. HEIGHT SHOWN IS THE CLEARANCE REQUIRED TO REMOVE THE ROTATING ASSEMBLY, LUBE SYSTEM, MOTOR, GUARDS ETC
 - 3 PAD IS DEFINED AS CONCRETE, GROUT OR STEEL. CUSTOMER TO DESIGN AND USE WHICHEVER IS MOST SUITED TO THE FOUNDATION. SEE NOTICE
 - 4 CUSTOMER TO PROVIDE SUITABLE OPENING(S) IN FOUNDATION FOR HOPPERS, CONSISTENT WITH STRUCTURAL REQUIREMENTS. SEE NOTICE
 - 5 MACHINE LOADING
 STATIC WEIGHTS EMPTY ARE AS FOLLOWS

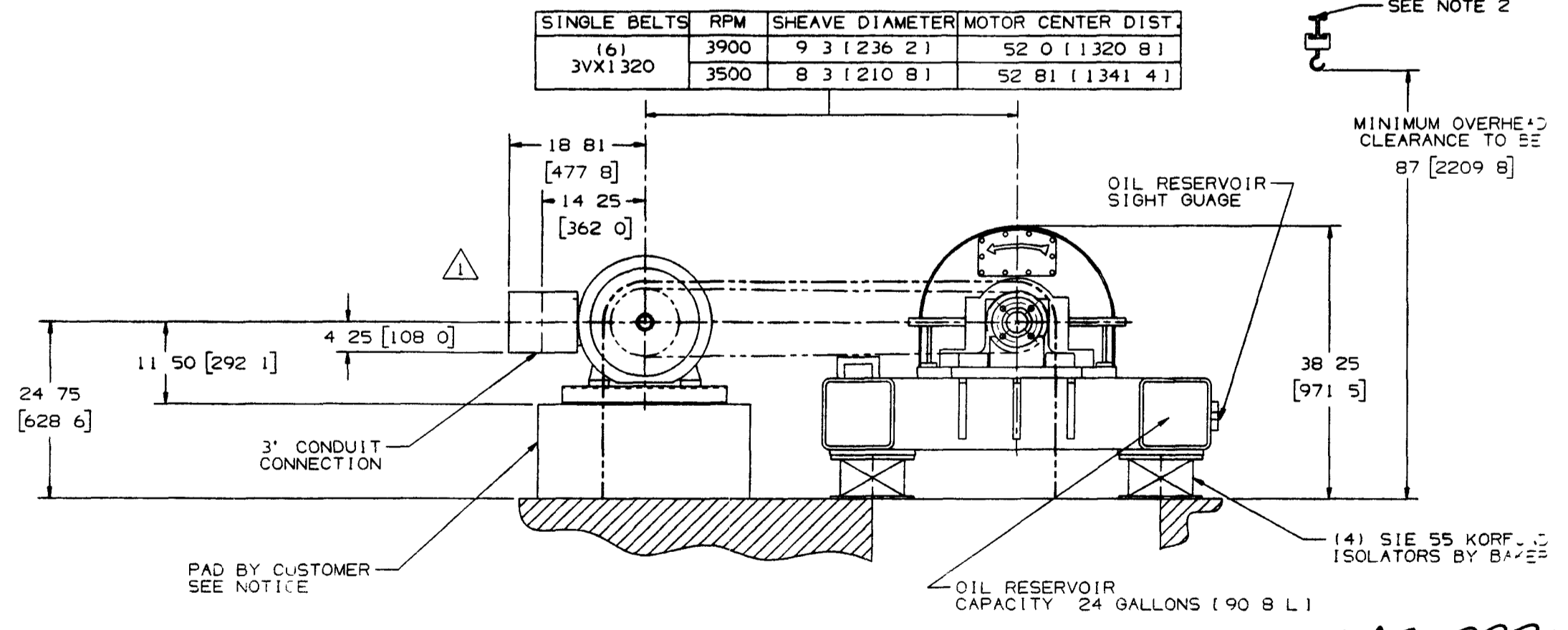
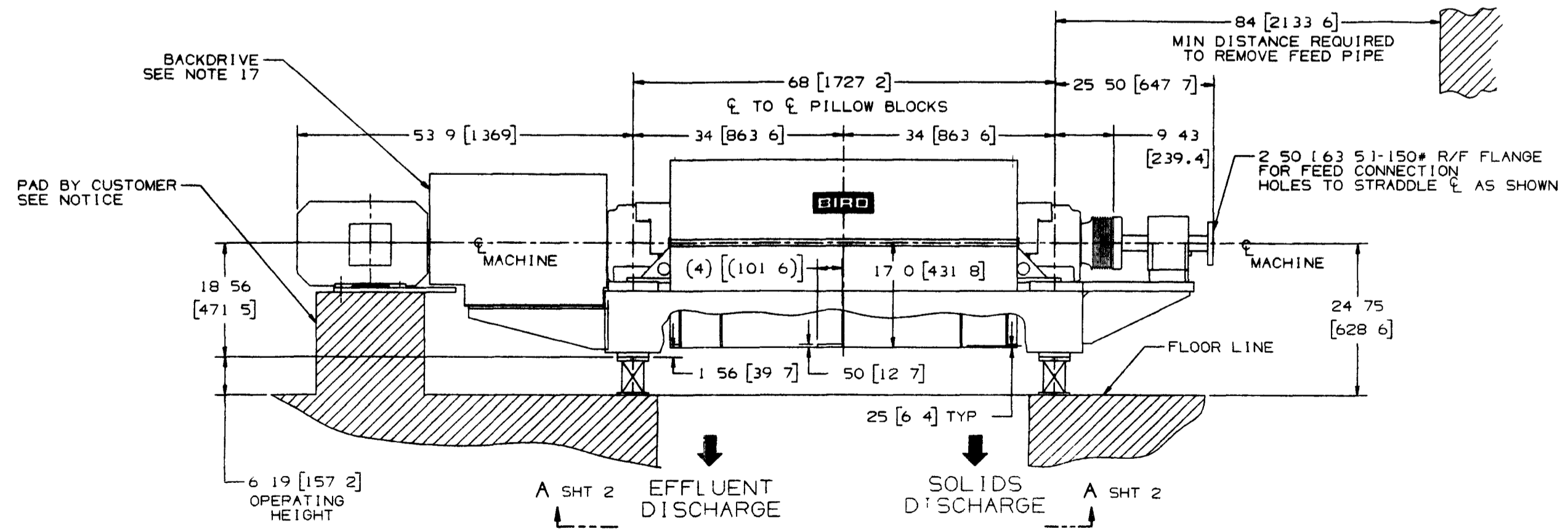
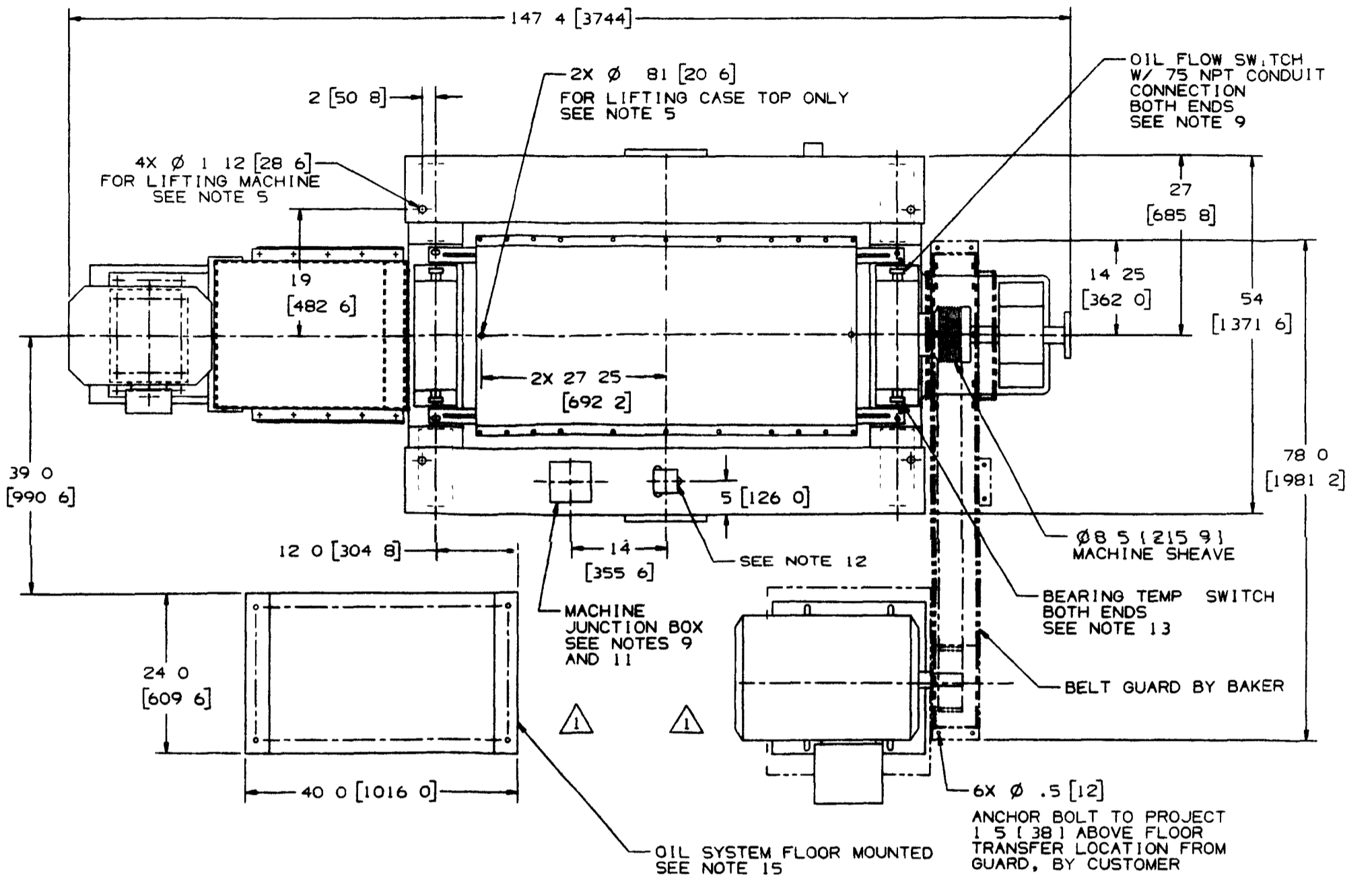
OPERATING WEIGHT	6000 LBS (2721.8 Kg)
STATIC MACHINE WEIGHT, INCLUDING ROTATING ASSEMBLY:	5850 LBS (2653.5 Kg)
MAIN DRIVE MOTOR WITH SLIDE RAILS	875 LBS (396.9 Kg)
BACKDRIVE MOTOR WITH MOUNTING PLATE	511.5 LBS (232.0 Kg)
ROTATING ASSEMBLY (INCLUDING GEAR UNIT & PILLOW BLOCKS):	2200 LBS (997.8 Kg)
GEAR UNIT	290 LBS (131.5 Kg)
OIL SYSTEM	500 LBS (226.8 Kg)

DYNAMIC LOADS AT FULL BOWL CONDITION:
 A. MAXIMUM FORCE TRANSMITTED TO THE FOUNDATION AT THE HIGHEST OPERATING SPEED
 VERTICAL = (1590.0 lbf) 7077.0 N HORIZONTAL = (1361.1 lbf) 6054.7 N AXIAL = (440.7 lbf) 1960.4 N

B. MAXIMUM VERTICAL FORCE TRANSMITTED TO THE FOUNDATION AT THE MACHINE ISOLATORS
 NATURAL FREQUENCY OF 228.7 cpm = (809.5 lbf) 2711.3 N

- NOTE:
 STATIC AND DYNAMIC LOADS ARE TOTAL LOADS APPLIED TO THE FOUNDATION BELOW THE ISOLATORS. ASSUME LOADS ARE DISTRIBUTED 65% ON THE SOLIDS END AND 35% AT THE EFFLUENT
- 6 MOTOR SHEAVES SUPPLIED PROVIDE FOR MACHINE SPEEDS OF 3500 RPM AND 3900 RPM AT A MOTOR SPEED OF 3600 RPM. THE MACHINE DESIGN SPEED IS 3900 RPM WHICH MUST NOT BE EXCEEDED
 - 7 TORQUE BOLTS PER BAKER PROCESS ENGINEERING BULLETIN 44-047. DO NOT SUBSTITUTE FOR BAKER PROCESS SPECIFIED BOLTS AND SCREWS. THESE FASTENERS MEET SPECIFIC DESIGN STANDARDS REQUIRED TO ACHIEVE THE TORQUE VALUES AND PRELOAD NECESSARY FOR THE SERVICE CONDITIONS IMPOSED ON BAKER PROCESS PRODUCTS
 - 8 DO NOT REMOVE SNUBBERS FROM THE VIBRATION ISOLATORS DURING INSTALLATION. THESE PARTS ARE AN INTEGRAL PART OF THE ISOLATOR
 - 9 ELECTRICAL EQUIPMENT. SEE MACHINE WIRING DIAGRAM FOR CONNECTIONS, CONDUIT SIZES AND OTHER INFORMATION
 - 10 INTERCONNECTING WIRING WITHIN CENTRIFUGE TO COMMON JUNCTION BOX BY BAKER PROCESS
 - 11 COMMON JUNCTION BOX BY BAKER PROCESS
 - 12 VIBRATION SWITCH. SEE MACHINE WIRING DIAGRAM IN OPERATION AND MAINTENANCE MANUAL FOR IMPLEMENTATION AND VIBRATION SET POINTS
 13. MAIN BEARING HIGH TEMPERATURE PROTECTION DEVICE WIRED TO COMMON JUNCTION BOX BY BAKER PROCESS, ONE PER BEARING
 - 14 FOR BACKDRIVE DETAILS, REFER TO OPERATION AND MAINTENANCE MANUAL
 - 15 OIL LUBRICATION SYSTEM. SEE OIL SYSTEM ASSEMBLY DRAWING FOR CONNECTIONS AND PIPING. SEE OPERATING MANUAL FOR FLOW REQUIREMENTS AND OTHER INFORMATION
 - 16 ALL DIMENSIONS IN () ARE IN MILLIMETERS
 - 17 REFER TO OPERATIONS AND MAINTENANCE MANUAL FOR BACKDRIVE ASSEMBLY DRAWINGS
 - 18 SEE P & I DIAGRAM DLO-970-131 FOR CUSTOMERS TAGGING REQUIREMENTS

LOCATION	MAKE	FRAME	TYPE	HP/KW	RPM	PHASE	CYCLE	VOLTS	SUPPLIED BY
MAIN DRIVE	RELIANCE	365T	TEFC-XEX	50/37.3	3600	3	60	460	BAKER
BACKDRIVE	RELIANCE	284TS	FCXP-XE	15/11.2	3600	3	60	460	BAKER
OIL SYSTEM	ALPAK	143T	TEFC-XP	1/75	1710	3	60	460	BAKER



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 disclose except as required for the
 purpose for which it was furnished"

CUSTOMER: CELANESE ENGRG RESINS INC
 CUSTOMER P O # 4500063231
 BAKER PROCESS 50 # AAP0038 1
 MACHINE SERIAL NO. LB 5043
 MACHINE TAG NO. 10043512
 UNCERTIFIED TYPICAL: FOR GENERAL ARRANGEMENT ONLY. DO NOT USE FOR INSTALLATION FOUNDATION DESIGN ETC.
 FOR APPROVAL: UNLESS DRAWING IS RETURNED TO BAKER PROCESS 5 WALPOLE MA WITHIN 30 DAYS OF DATE TRANSMITTED FROM BAKER PROCESS WITH SPECIFIC INSTRUCTIONS NOT TO PROCEED, DRAWING WILL BE CONSIDERED APPROVED AS SENT AND FABRICATION WILL PROCEED AS SHOWN.
 FINAL CERTIFIED: DISCARD ALL PRESENTLY HELD ISSUES OF THIS DRAWING
 SIGNED: *Dr. Regell* DATE: 04/05/00

NOTICE
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CAD DRAWING UG II	SHEET 1 OF 3	DRAWN BY KJC	DATE 12-2-99	TITLE: OUTLINE AND FOUNDATION
STANDARD FABRICATION TOLERANCES		CHECKED BY:	PROD ENG: JWK	DATE: 12-13-99
DIMENSION TOLERANCE		DESIGN ENG: RLP	MFG ENG: N/A	DATE: 12-13-99
0" < 12" [0 < 300] ± 0.4 [1.1]		DATE:	DATE:	DATE:
12" < 24" [300 < 600] ± 0.6 [1.5]		DATE:	DATE:	DATE:
24" < 36" [600 < 900] ± 0.9 [2.2]		DATE:	DATE:	DATE:
OVER 36" [900] ± 1.2 [3.0]		DATE:	DATE:	DATE:
FOLLOW MANUFACTURING PRACTICES E B 00 62 UNLESS OTHERWISE NOTED		FINISHED WEIGHT:	N/A	SCALE: NONE
ECO NO	DATE	REVISION	NAME	REV
905	2 28 00	REVISE MOTOR AND OIL SYSTEM LOCATION	CAH	1
		NEW RELEASE		

MS-3372
 BAKER HUGHES
 BAKER PROCESS
 SOUTH WALPOLE, MASS. U.S.A.