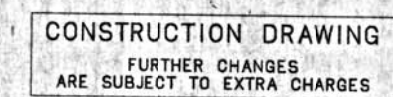
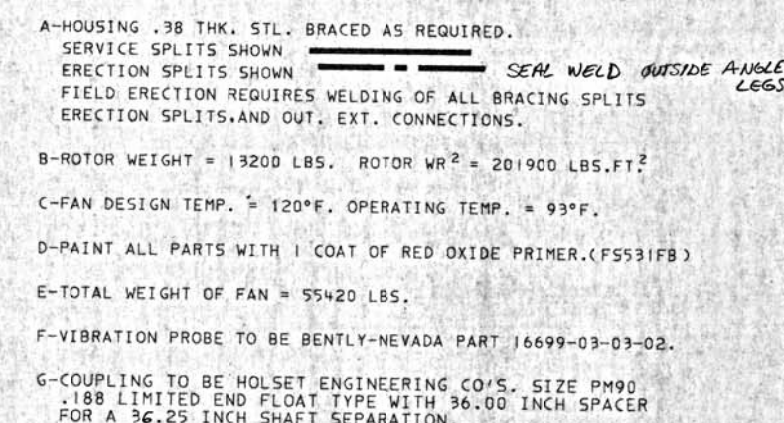
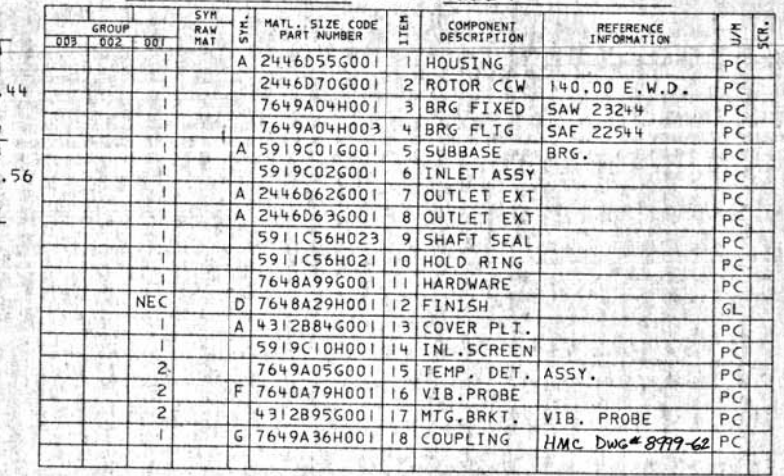


			HOMESTAKE GOLD MINE LEAD, SOUTH DAKOTA 57754 PCT ENKOR. DEPARTMENT	ORD HONDO FAN GENERAL LAYOUT
4/19/86	1/2"	was 475756 was 36	DRAWN BY <u>DZT</u> APPROVED _____ TRACED _____ SCALE <u>1/4"</u> CHECKED _____ DATE <u>1-12-86</u>	DWG. NO. 8962-90 Sht 2
3/12/86	Don	3'0" dim btwn shaft ends		
DATE	BY	REVISIONS		



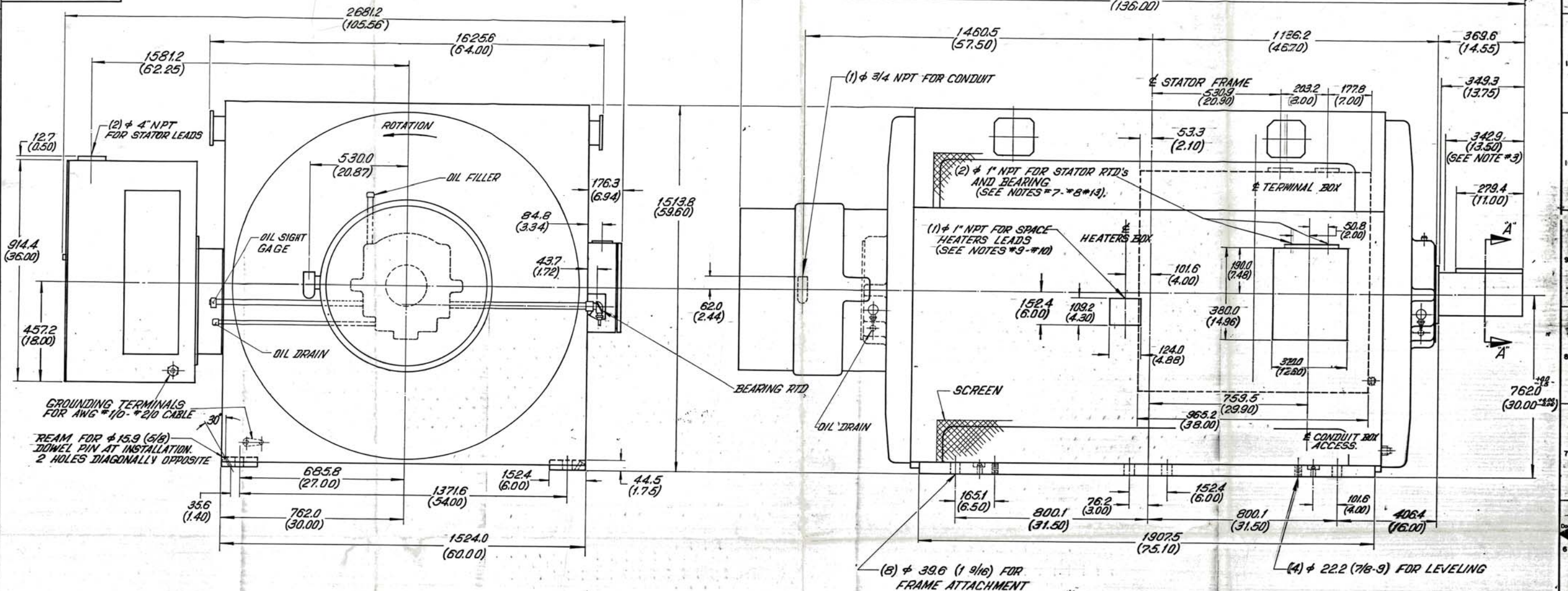
CUSTOMER PLEASE NOTE

1. A.D. FURNISHES ONLY THE PARTS CALLED FOR ON THE B/M ON THIS DWG.
2. A.D. DOES NOT FURNISH ANY CONCRETE FOUNDATION, FOUNDATION BOLTS OR SHIMS.
3. REFER TO POWER FAN INSTALLATION DESIGN GUIDE D.G. 90-400 AND INSTRUCTION BOOK I.B. 90-400 FOR INSTALLATION AND START-UP PROCEDURES.

 AMERICAN BLOWER	AMERICAN BLOWER* GYROL* FLUID DRIVES		SIROCCO* STURTEVANT*	
	WESTINGHOUSE PLAZA, HYDE PARK, BOSTON, MA. 02130 U.S.A.			
	TITLE <u>CONTRACT DWG. 1400-SIBAB92</u>			
	<u>ARR. 1 CL.720 45° T.A.U. DISCH.</u>			
DIMENSIONS IN INCHES-NOT TO SCALE				
DFTN. R. CLIVITARESE CHKD.	IT 95	APPD.	2446D24	

5-0 CF60/85085	D.	AC
IT.	CHANGE	
B/W WAS NOT COMPLETE SUPP. WERE NOT ON. DETAIL-B WAS CHANGED TO DETAIL-C. NOT ON. UNILAIN METALIN ON. DTH. 3-00 WAS 3-50. ZONE E-7-STATIC WGN WAS 5-6070. VGN WAS 5-6670. ROTOR WGT. WAS 1+230 ROTOR URMAS 257090. FAD. BRG. LOAD WAS FLTD. BRG. LOAD WAS 7310. NOTE-E WAS 56670 LBS FAD. BRG WAS LOC- ED. 5-6070 ZONE E-8-STATIC WGT. WAS 40000.	1	AC
H089 MAS 591IC59H023 591R59H022 B/W WAS NOT COMPLETE VIEW B-B WAS NOT COMPLETE KJL 02-DN-86	3	AC
PART IDENT. 2Y46DZPH01B NOTE-G WAS NOT COMPLETE. ZONE F9 & F9C 13 00 DIMS WERE 18 00 5-00 DIMS WERE NOT ON D.FARNHAM 4/18/86	4	

1416423M

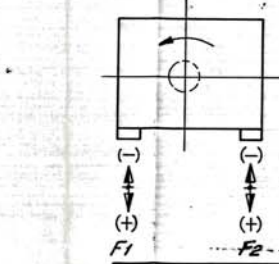


NOTES:

- 1 - THE OPPOSITE DRIVE END BEARING IS INSULATED TO PREVENT CURRENT CIRCULATION THROUGH THE MOTOR SHAFT. ANY DEVICE MOUNTED IN THIS BEARING MUST BE INSULATED.
- 2 - TOTAL ROTOR END PLAY: 12.7 (0.50).
- 3 - THIS DIMENSION REPRESENTS THE LENGTH OF STRAIGHT PART OF SHAFT.
- 4 - DIMENSIONS IN MILLIMETERS AND (INCHES).
- 5 - APPROXIMATE TOTAL MOTOR WEIGHT: 13500 Kg.
- 6 - ROTATION - CCW OPPOSITE DRIVE END.
- 7 - TERMINAL BOARD WITH 12 CONTACTS FOR STATOR RTD'S (WIRE #16) 10 Ω AT 25°C COPPER.
- 8 - TERMINAL BOARD WITH 6 CONTACTS FOR BEARING RTD'S (WIRE #16) 100 Ω AT 0°C PLATINUM.
- 9 - TERMINAL BOARD WITH 2 CONTACTS FOR SPACE HEATERS (WIRE #10).
- 10 - SPACE HEATERS = 2400W-120V-1φ
- 11 - SUITABLE FOR OPERATION AT THE FOLLOWING RATINGS:
 - SINGLE CHANNEL, 6 PULSE RATING
3000HP-720rpm-60Hz-2400V-1.0 S.F- POWER FACTOR 0.90
 - SINGLE CHANNEL, 6 PULSE RATING
3000HP-792rpm-66Hz-2400V-1.0 S.F- POWER FACTOR 0.90
 - SINGLE CHANNEL, 6 PULSE RATING
2062HP-597rpm-49.8Hz-2400V-1.0 S.F- POWER FACTOR 0.95
 - ADJUSTABLE SPEED RANGE 360 - 792 rpm
- 12 - BRUSHLESS EXCITER:
PRIMARY SUPPLY VOLTAGE WILL BE ADJUSTABLE 0 TO 480V-3φ-60Hz (CONTRA-CONNECTED).
- 13 - TERMINAL BOARD WITH 12 CONTACTS FOR BRUSHLESS EXCITER STATOR RTD'S (WIRE #16) 10 Ω AT 25°C COPPER.

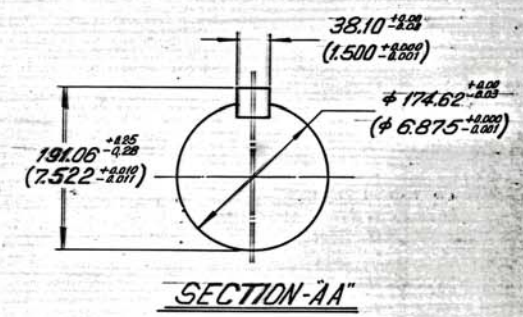
RATING:

TYPE	FRAME	POLES	VOLTAGE	SPEED	POWER	CURRENT	INSULATION	FREQUENCY	P.F.	PROTECTION
TS	8610	10	2400V	720 rpm	3000HP	616 A	CLASS F	60 Hz	0.9	DRIPTPROOF GUARDED



ROTATION	MAXIMUM LOAD ON FOUNDATION IN Kg.			
	DUE TO SHORT CIRCUIT		AT NORMAL OPERATING CONDITIONS	
	F1	F2	F1	F2
C.W.	+25500	-12000	—	—
C.C.W.	-12000	+25500	+2670	+10830

NOTE: REF. CONNECTION DIAGRAM & INSTRUMENTS LISTS UNDER HMC DWG # 9000-71 ORO HONDD FAN



CUSTOMER: HOMESTAKE MINING

HMC DWG # 8962-90 Shr23

DESENHADO	PT	NOME	DESENHO Nº	DESCRIÇÃO, MATERIAL	PESO
DESENHADO	PT	J.C. GOMES	8962-90	GENERAL ELECTRIC DO BRASIL S.A.-DEP-CAMPINAS	
VERIFICADO	PT	J.C. GOMES	8962-90	TÍTULO	
APROVADO	PT	J.C. GOMES	8962-90	SYNCHRONOUS MOTOR OUTLINE	
ESCALA	PT	J.C. GOMES	8962-90	PP. 6600 - DP	
	PT	J.C. GOMES	8962-90	PCE. L.D. 2712206	
	PT	J.C. GOMES	8962-90	REF. S.O. 270240	

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