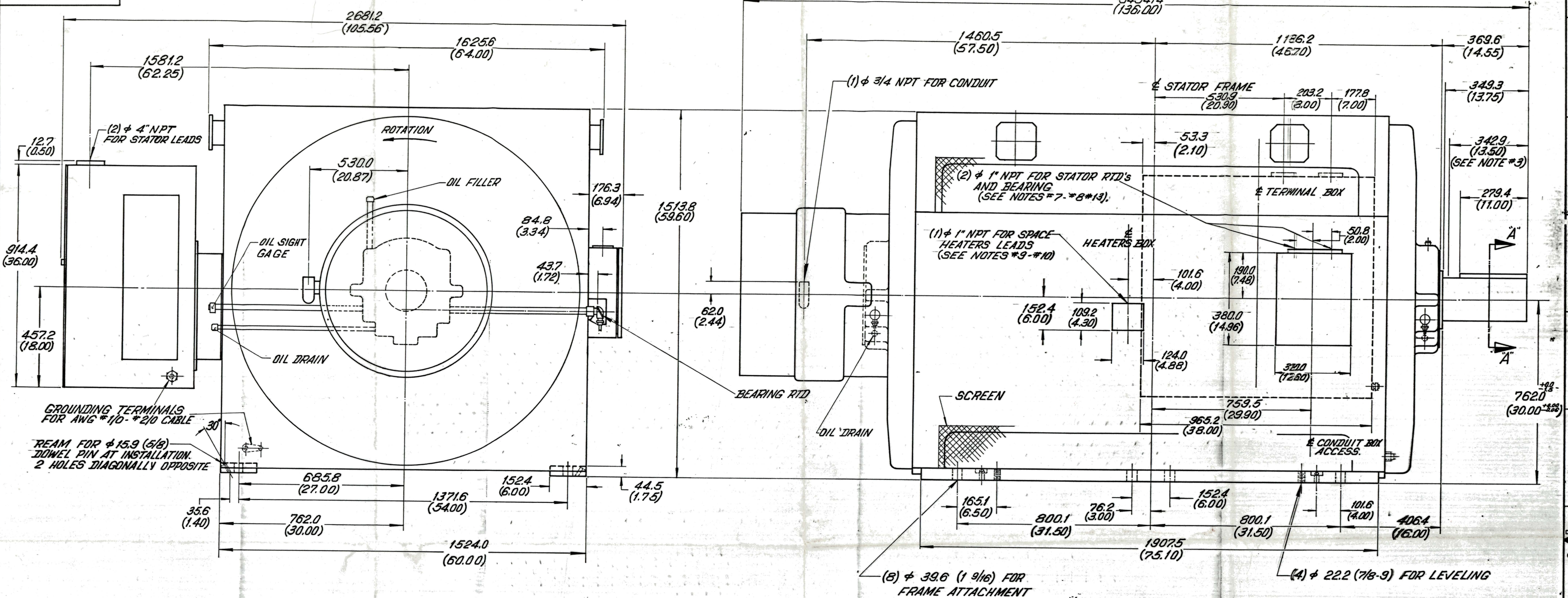


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NOTES:

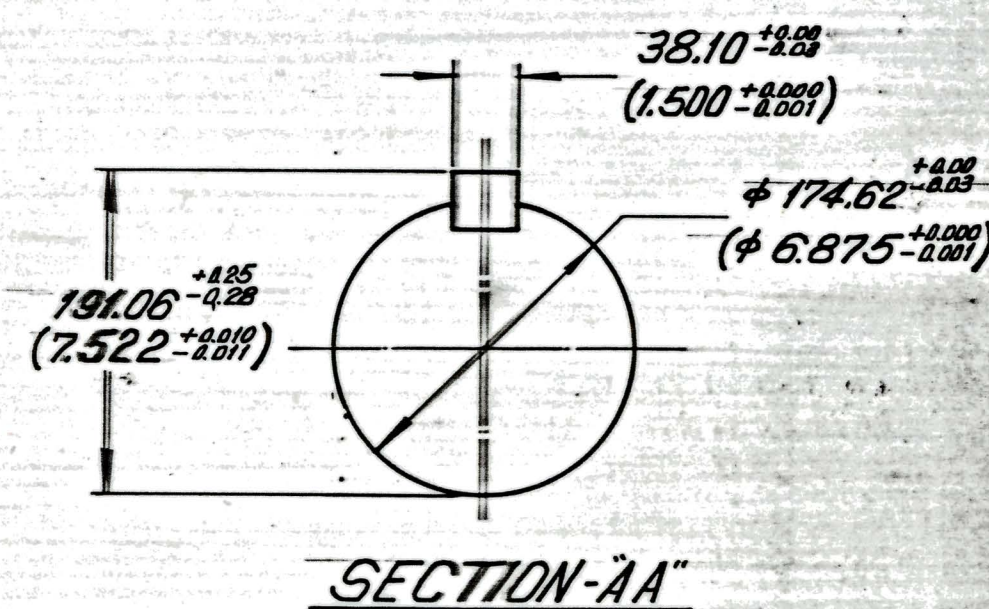
- 1 - THE OPPOSITE DRIVE END BEARING IS INSULATED TO PREVENT CURRENT CIRCULATION THROUGH THE MOTOR SHAFT. ANY DEVICE MOUNTED IN THIS BEARING MUST BE INSULATED.
- 2 - TOTAL ROTOR END PLAY - 127 (0.50).
- 3 - THIS DIMENSION REPRESENTS THE LENGTH OF STRAIGHT PART OF SHAFT.
- 4 - DIMENSIONS IN MILLIMETERS AND (INCHES).
- 5 - APPROXIMATE TOTAL MOTOR WEIGHT - 13500 Kg.
- 6 - ROTATION - C.C.W. 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-1 ϕ .
- 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 460V-3 ϕ -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	616A	CLASS F	60 Hz	0.9	DRIPPROOF GUARDED

ROTATION	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-Sht 23

BR. EGT.	PT.	NOME	DESENHO Nº	DESCRIÇÃO, MATERIAL	PESO
DESENHADO	NOV-21-85	J.C. GIMES	GENERAL ELECTRIC DO BRASIL S.A.-DEP-CAMPINAS		
VERIFICADO	NOV-22-85		TÍTULO		
APROVADO			SYNCHRONOUS MOTOR OUTLINE		
ESCALA			PRF. 8600 - DP		
			PCE. L.J. 2712206		
			REF. S.O. 270240		

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