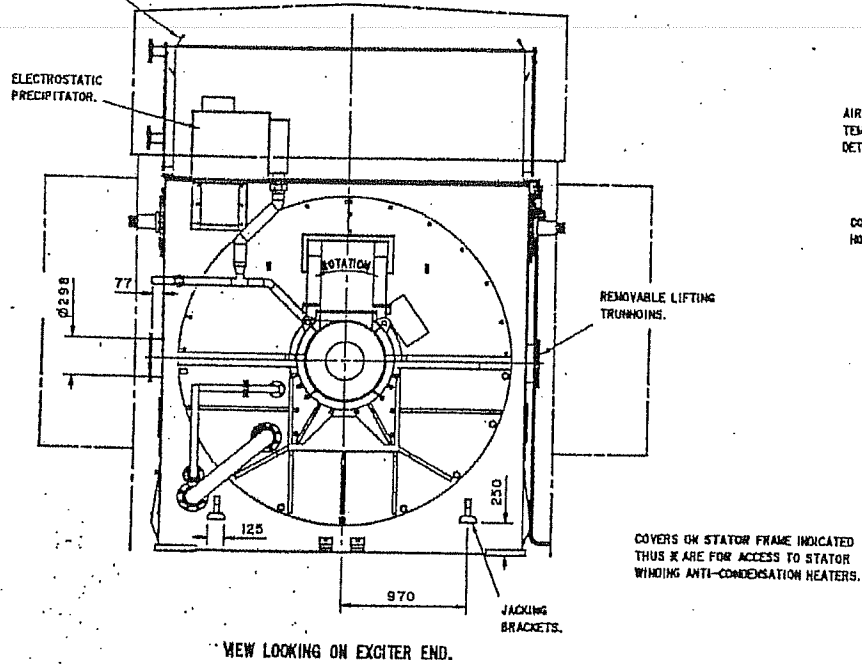


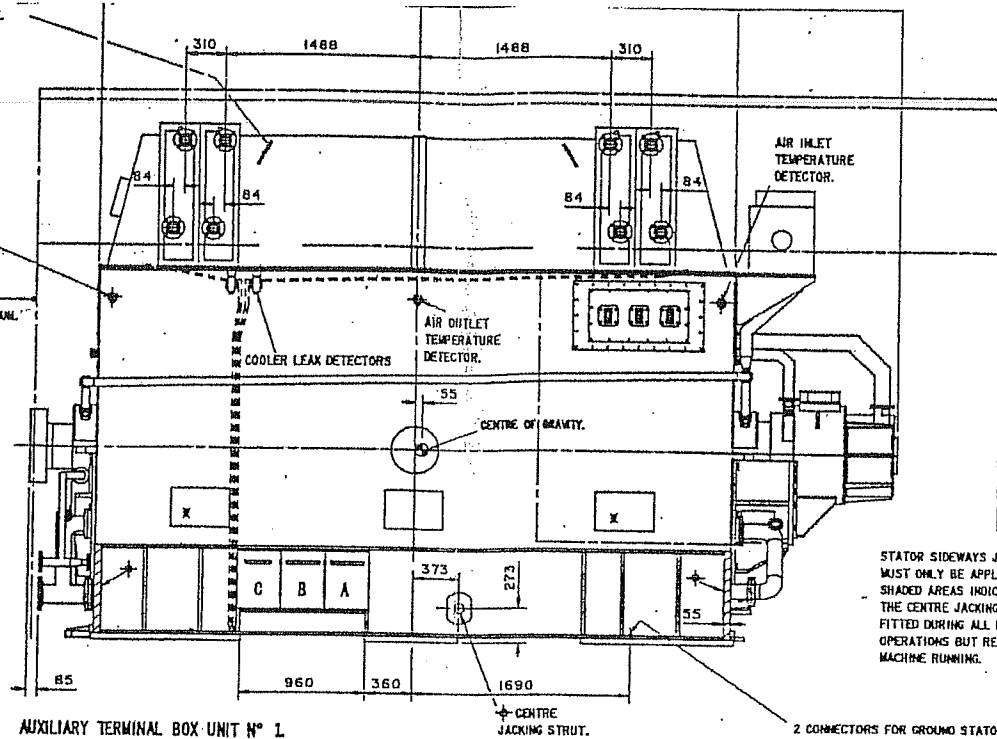


TO LIFT INDIVIDUAL COOLER BLOCK USE LIFTING POINTS PROVIDED IN EACH BLOCK. ESTIMATED EMPTY WEIGHT OF ONE BLOCK IS 560kg

USE SPREADER BARS TO ACHIEVE LIFT. CONDITIONS SHOWN.



VIEW LOOKING ON EXCITER END.

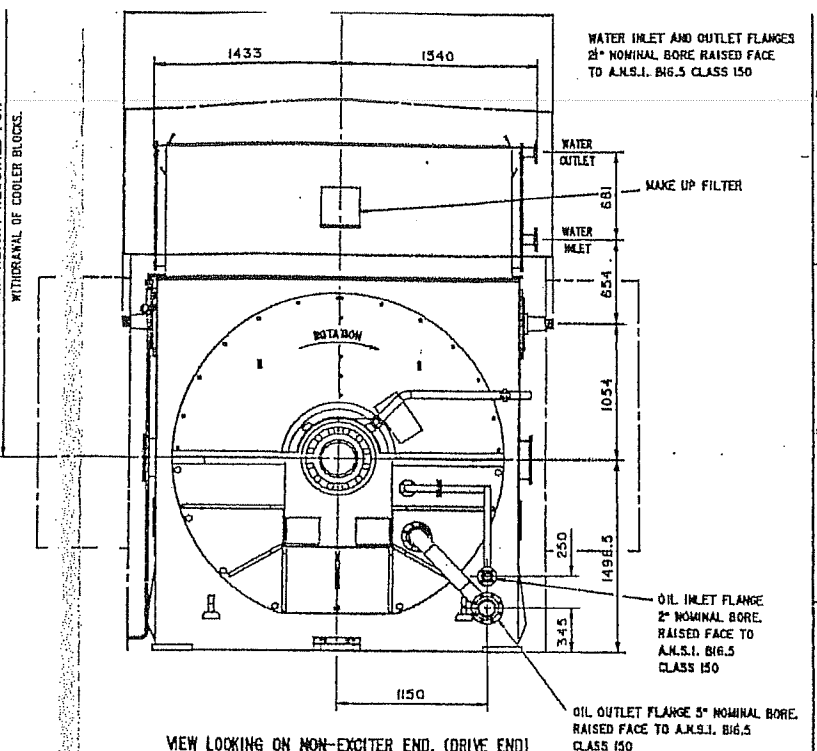


AUXILIARY TERMINAL BOX UNIT N° 1

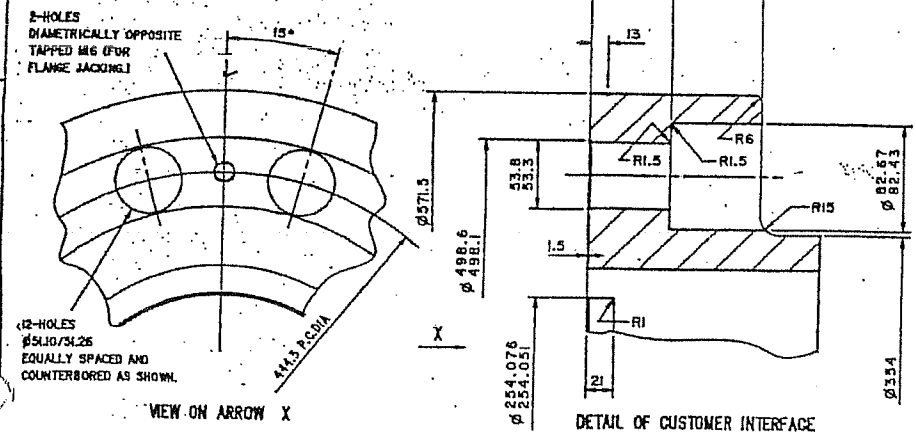
A = AUXILIARY TERMINAL BOX "CONTROL"  
B = AUXILIARY TERMINAL BOX "INSTRUMENTATION"  
C = AUXILIARY TERMINAL BOX "POWER"

STATOR SIDEWAYS JACKING LOADS MUST ONLY BE APPLIED TO THE SHADED AREAS INDICATED THUS THE CENTRE JACKING STRUT MUST BE FITTED DURING ALL MANOEUVRING OPERATIONS BUT REMOVED FOR MACHINE RUNNING.

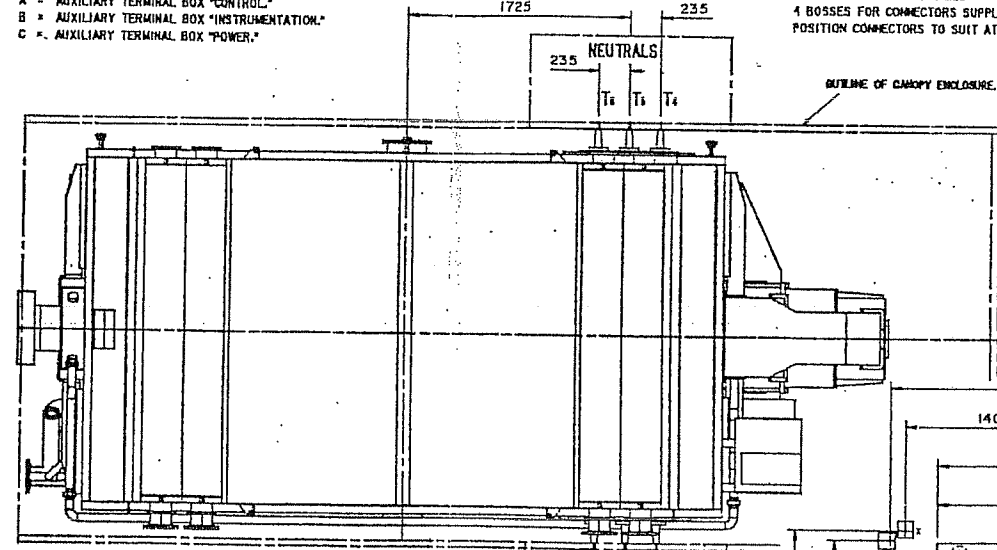
3550 MIN HEIGHT REQUIRED FOR WITHDRAWAL OF COOLER BLOCKS.



VIEW LOOKING ON NON-EXCITER END. (DRIVE END)

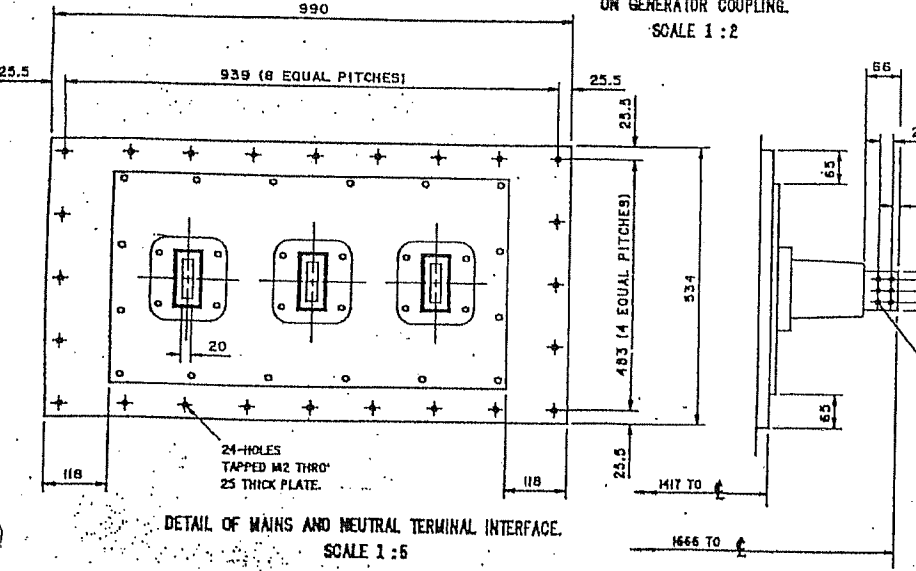


DETAIL OF CUSTOMER INTERFACE ON GENERATOR COUPLING. SCALE 1:2

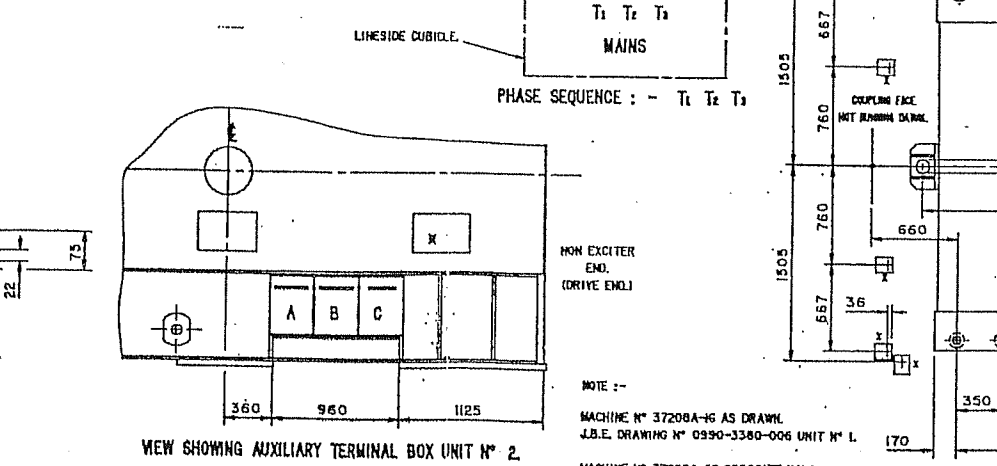


LOAD DESCRIPTION	FOUNDATION LOADINGS (kg)					REMARKS
	1'	2'	3'	4'	5'	
STATIC	10200kg	16070kg	1825kg	5000kg	5000kg	
3 PHASE SHORT CIRCUIT	700kg	23750kg	700kg			AT GENERATOR TERMINALS
LINE-LINE SHORT CIRCUIT	9300kg	3000kg	9300kg			AT GENERATOR TERMINALS
FAULTY SYNCHRONIZING	18500kg	4850kg	18500kg			ASSUMING ZERO SYSTEM REACTANCE
PRELOAD	7000kg	10500kg	10500kg			
AXIAL (PIN ONLY)		800kg				
TRANSVERSE (BLOCK & PIIG)		4400kg				

RELEVANT DRAWINGS:  
A0319393 GENERATOR ENCLOSURE, J.B.E. DRAWING N° 0990-3380-008  
B339596 SHAFT SYSTEM GEOMETRY, J.B.E. DRAWING N° 0990-3380-009  
B339497 LUBRICATION OIL SCHEMATIC, J.B.E. DRAWING N° 0990-3380-021  
A0319582 FIRE PROTECTION ASSEMBLY, J.B.E. DRAWING N° 0990-3380-033

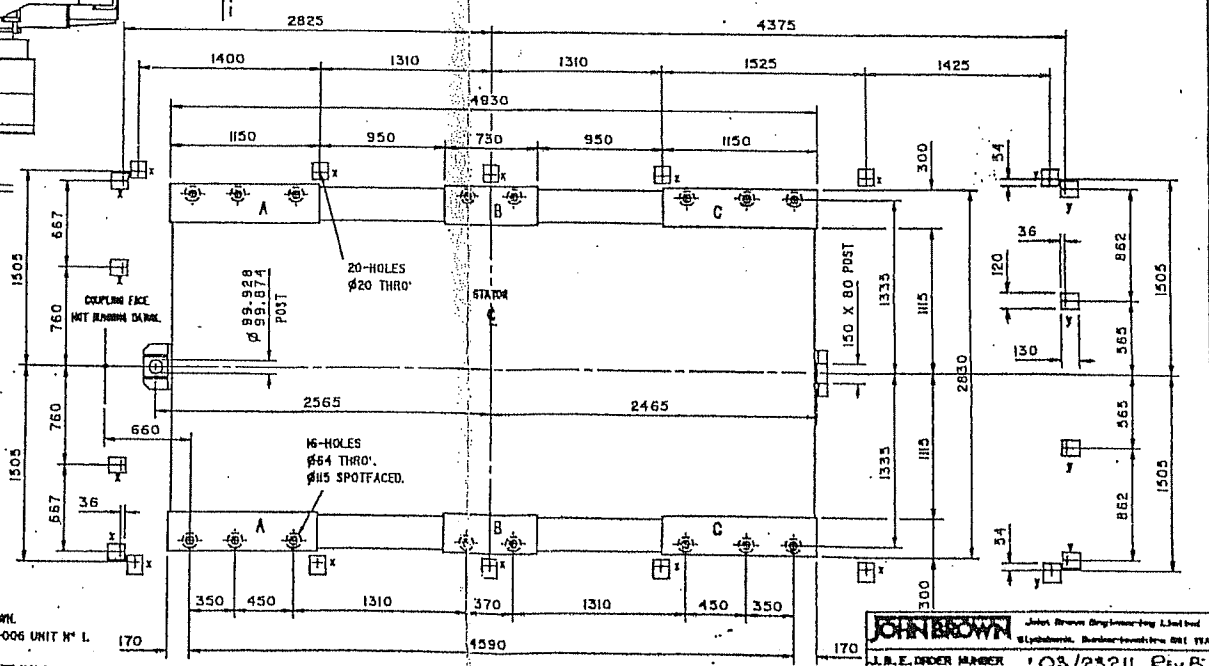


DETAIL OF MAINS AND NEUTRAL TERMINAL INTERFACE. SCALE 1:5



VIEW SHOWING AUXILIARY TERMINAL BOX UNIT N° 2.

NOTE :-  
MACHINE N° 37208A-16 AS DRAWN. J.B.E. DRAWING N° 0990-3380-006 UNIT N° 1.  
MACHINE N° 37208A-26 OPPOSITE HAND. THAT IS MAINS, NEUTRAL TERMINALS AND AUXILIARY TERMINAL BOX ARE OPPOSITE SIDE. ALL OTHER ITEMS AS DRAWN. J.B.E. DRAWING N° 0990-3380-006 UNIT N° 2.



VIEW LOOKING ON UNDERSIDE OF CANOPY AND STATOR FOOT.

REV. NO.	DATE	BY	CHKD.	APP'D.	SCALE	DESCRIPTION

GENERAL ARRGT OF A.C. GENERATOR. A0 3139340

O'BRIEN COGENERATION, INC. HSPF PROJECT C8010

JOHN BROWN ENGINEERING LTD

DATE: 01/31/2008

SCALE: 1:5

PROJECT: HSPF PROJECT C8010

ISSUE: 1