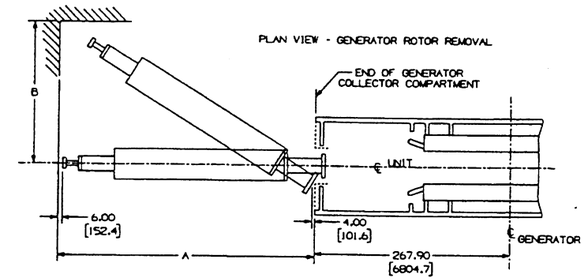
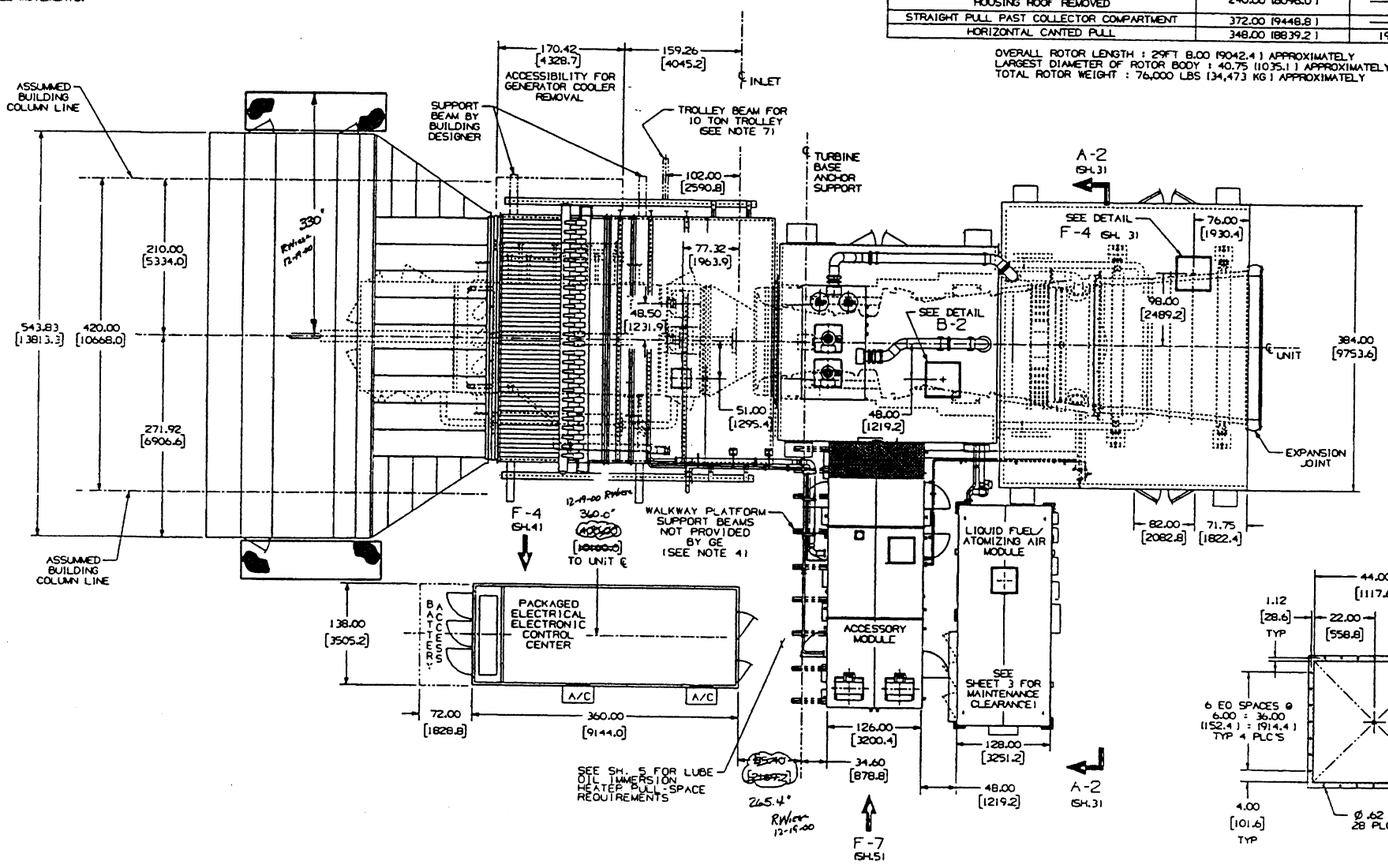
NOTE:

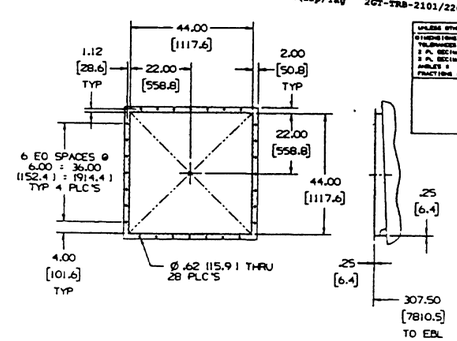
1. WHEN POSITIONING THE GAS TURBINE WITH THE STATION AND SURROUNDINGS, CONSIDERATION SHOULD BE GIVEN TO THE PREVAILING WINDS SO THAT THE POSSIBILITY OF EXHAUST GAS INTO THE INLET WILL BE MINIMIZED.
2. DIMENSIONS IN BRACKETS ARE IN MILLIMETERS, ALL OTHERS ARE IN INCHES.
3. ALLOW 48" MINIMUM CLEARANCE AROUND GENERATOR COLLECTOR COMPARTMENT AND ACCESSORY MODULE FOR ADEQUATE VENTILATION AND EQUIPMENT ACCESSIBILITY.
4. EXTERNAL WALKWAYS NOT SUPPLIED BY GE; WALKWAY BRACKETS SUPPLIED WHERE INDICATED. TURBINE ENCLOSURE, ACCESSORY MODULE, GENERATOR COLLECTOR COMPARTMENT AND PEECC WALKWAY BRACKETS ARE CAPABLE OF SUSTAINING A 2,400 LBS VERTICAL LOAD AND A 4,800 FT-LBS MOMENT.
5. LOOKING DOWNSTREAM REFERS TO LOOKING IN THE DIRECTION OF THE GAS TURBINE AIR FLOW.
6. SEE ML ITEM 0301, THE ELECTRICAL OUTLINE, FOR THE LOCATION AND REQUIRED CLEARANCE FOR JUNCTION BOXES.
7. S16 X 70 TROLLEY BEAM FOR REMOVAL OF THE GENERATOR END SHIELDS. 10 TON TROLLEY BEAM CAPACITY. TROLLEY BEAM & LIFTING DEVICE NOT SUPPLIED BY GE.
8. THE AFT EXHAUST EXPANSION JOINT IS CAPABLE OF ACCOMMODATING 1.00 [25.4] COMPRESSION, SO [12.7] EXTENSION, AND ±0.50 [12.7] LATERAL MISALIGNMENT. THE TOTAL RELATIVE MOVEMENT OF THE MATING EXHAUST FLANGE, IN ADDITION TO ANY LONG TERM FOUNDATION DIFFERENTIAL SETTLEMENT, SHALL NOT EXCEED THESE TOTAL ALLOWABLE MOVEMENTS.



DISTANCE REQUIRED TO REMOVE GENERATOR ROTOR (7FH2)		
METHOD OF REMOVAL	A	B
STRAIGHT PULL PAST STATOR WITH COLLECTOR HOUSING ROOF REMOVED	240.00 [6096.0]	—
STRAIGHT PULL PAST COLLECTOR COMPARTMENT	372.00 [9448.8]	—
HORIZONTAL CANTED PULL	348.00 [8839.2]	192.00 [4876.8]

OVERALL ROTOR LENGTH : 29FT 8.00 [9042.4] APPROXIMATELY
LARGEST DIAMETER OF ROTOR BODY : 40.75 [1035.1] APPROXIMATELY
TOTAL ROTOR WEIGHT : 76,000 LBS [34,473 KG] APPROXIMATELY





B - PROCEED AS NOTED
CHANGE AS NOTED AND RESUBMIT
DUKE/FLUOR DANIEL

Bergen 2
12-Dec-00
Duke/Fluor Daniel No 04401200
40.1430145000660 10GT-102-3
℄ Unit/Tag 2GT-2RB-2101/2201

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: 2 PL DECIMALS ± 3 PL DECIMALS ± ANGLES ± FRACTIONS ±	SIGNATURES	DATE
DRAWN	J. FERRIS	00-04-07
CHECKED	J. FERRIS	00-04-07
ENGRD	J.L. NORTON	00-04-07
MFG	J. FERRIS	00-04-07
DWG NO.	NONE	

GE Power Generation
OUTLINE, MECHANICAL
GTRB & LOAD
FIRST MADE FOR ML-7A1WFA144-1,2 0306
586E1921
SCALE NONE SHEET 1

Figure B-17

USE FOR ILLUSTRATION ONLY-NOT FOR DESIGN

REV	DATE	REVISION DESCRIPTION	DES CHK	APPROVED
A	9/12/99	ISSUED FOR PLANNING	RRM	

REV	DATE	REVISION DESCRIPTION	DES CHK	APPROVED

DWG NO	REFERENCE DRAWINGS

DUKE/FLUOR DANIEL
POWER ENGINEERING CONSTRUCTION OPERATIONS & MAINTENANCE

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DESIGNED BY: R MARTIN
CHECKED BY:
SUPERVISOR: R WLODZIK
APP DATE
LEAD ENGINEER
APP DATE
PROJECT
APP DATE
CLIENT
APP DATE

TYPICAL GAS TURBINE (GTG) GENERATOR & ACCESSORIES

SCALE: NONE
DRAWING NUMBER: SU-4-GT-1
REV: A

CONTRACT NO.
CADD FILE NO. 7qt11.dgn
WPA NO.