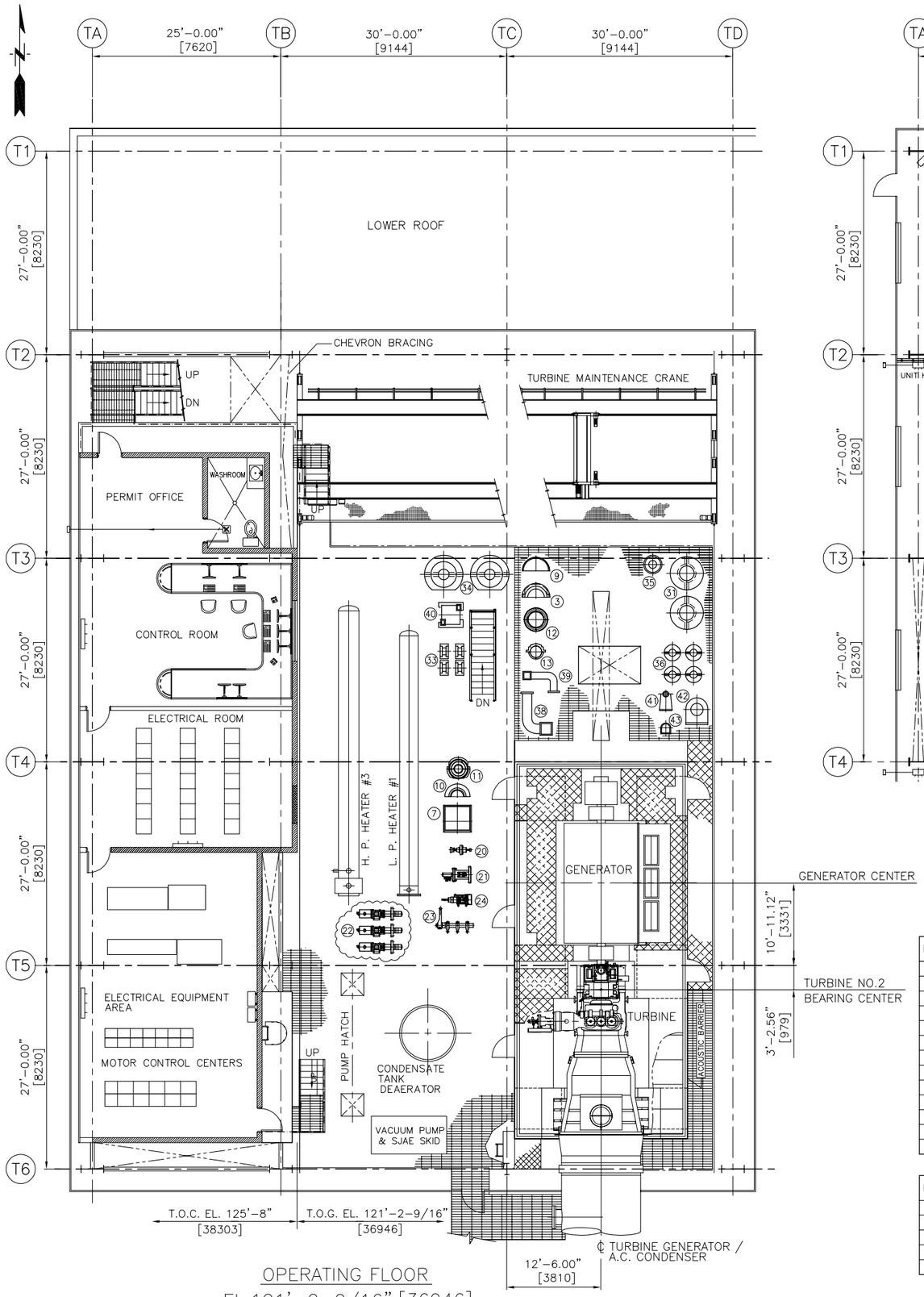
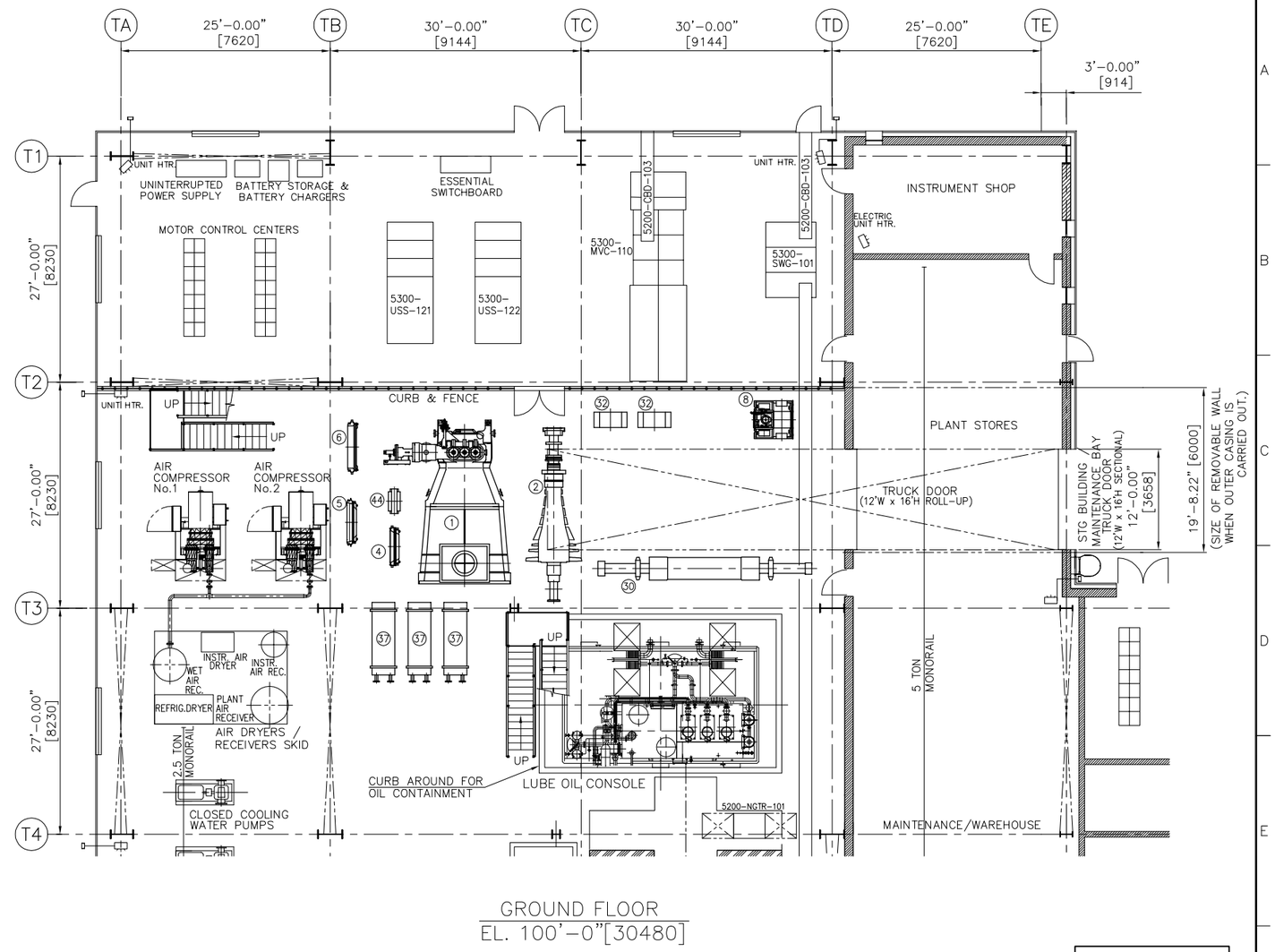


OPERATING FLOOR
EL.121'-2-9/16" [36946]
(EL.121'-2-1/2"[36945])



GROUND FLOOR
EL. 100'-0"[30480]

AS FINAL

TURBINE

NO.	PARTS	Q'ty	WEIGHT (klb)	SPACE (WxL)(inch)
1	OUTER CASING	1	77.16	15'-1.69"x19'-6.65"
2	ROTOR	1	40.79	ø6'-8.12"x20'-8.82"
3	LABYRINTH RING (1) (UPPER)	1	0.64	1'-10.36"x3'-8.72"
4	STATIONARY BLADE HOLDER (1) (UPPER)	1	2.65	1'-0.99"x4'-11.45"
5	STATIONARY BLADE HOLDER (2) (UPPER)	1	3.53	1'-1.58"x5'-8.90"
6	STATIONARY BLADE HOLDER (3) (UPPER)	1	5.52	1'-2.17"x6'-5.17"
7	NO.1 BEARING PEDESTAL COVER	1	2.87	3'-8.09"x3'-6.91"
8	NO.2 BEARING PEDESTAL COVER	1	3.86	4'-6.33"x4'-7.51"
9	FLOW GUIDE COVER	1	0.56	R1'-9.97"
10	GLAND PACKING (REAR)	1	1.33	R1'-8.20"
11	COMBINED JOURNAL & THRUST BEARING	1	2.54	3'-0.22"x2'-10.06"
12	JOURNAL BEARING	1	0.45	ø1'-6.90"
13	ADJUST RING (FOR JOURNAL BEARING)	1	0.38	2'-0.61"x2'-6.31"

TURBINE VALVE

NO.	PARTS	Q'ty	WEIGHT (klb)	SPACE (WxL)(inch)
20	MAIN STOP VALVE (VALVE PART)	1	1.11	ø1'-2.76"x2'-9.46"
21	MAIN STOP VALVE (ACTUATOR PART)	1	1.33	ø2'-2.77"x3'-9.28"
22	MAIN STEAM CONTROL VALVE (VALVE CASING PART)	3	(1.55/1Piece) 4.64	ø1'-8.47"x5'-10.87"
23	MAIN STEAM CONTROL VALVE (LEVER PART)	1	0.89	4'-11.06"x3'-3.37"
24	EH ACTUATOR FOR MAIN STEAM CONTROL VALVE	1	0.45	1'-3.75"x3'-11.24" (1Piece)

GENERATOR

NO.	PARTS	Q'ty	WEIGHT (klb)	SPACE (WxL)(inch)
30	ROTOR	1	35.72	ø2'-8.87"x25'-6.69"
31	FAN GUIDE	2	(0.225/1Piece) 0.45	ø4'-5.15" (1Piece)
32	BEARING STAND	2	(2.43/1Piece) 4.86	1'-10.05"x3'-11.24" (1Piece)
33	BEARING BUSH (UPPER & UNDER)	2set	(0.665/1Set) 1.33	1'-0.99"x1'-11.62" (1Piece)
34	AIR SHIELD	2	(0.445/1Piece) 0.89	ø5'-1.42x5'-1.42" (1Piece)
35	EARTH BRUSH COVER	1	0.07	ø2'-5.53"
36	PACKING RING	4	(0.112/1Piece) 0.45	ø2'-1.98" (1Piece)
37	AIR COOLER	3	(2.43/1Piece) 7.28	3'-1.80"x9'-6.17" (1Piece)
38	AIR DUCT	1	0.45	4'-3.97"x5'-8.90"
39	AIR DUCT	1	0.45	2'-9.46"x4'-10.27"
40	EXCITER COVER	1	1.11	3'-2.98"x3'-1046"
41	PMG STATOR	1	0.23	1'-7.69x2'-7.10"
42	EXCITER RECTIFIRE SHIELD	1	0.12	2'-11.04"x3'-6.52"
43	EXCITER END COVER	1	0.12	1'-5.32"x1'-3.75"
44	AC EXCITER STATOR	1	2.87	1'-4.93"x2'-11.43"

UNIT : inch
[ ] mm

REVISIONS
F) Submitted as Final. Apr.24.2006 H.YAZAWA I.MYOUGAN
E) Submitted as Final. Mar.31.2006 H.YAZAWA T.HASHII
D) Submitted as Final. Feb.17.2006 H.YAZAWA T.HASHII
C) Revised. Jul.15.2005 KOBAYASHI H.YAZAWA T.HASHII
B) Revised. Jun.28.2005 KOBAYASHI H.YAZAWA T.HASHII
A) Revised. Jun.17.2005 KOBAYASHI H.YAZAWA T.HASHII

	DATE	NAME	APPROVED
DRAWN	Jan.24.2005	KOBAYASHI	T.HASHII
CHECKED	Jan.24.2005	H.YAZAWA	

Fuji Electric Systems Co., Ltd.

SCALE 1/100

TITLE: Fibrominn Biomass Power Plant
LAYDOWN ARRANGEMENT OF TURBINE-GENERATOR

DWG.CODE P-20-1007
DRAWING NO. PL220068

DKPA2003-A1

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