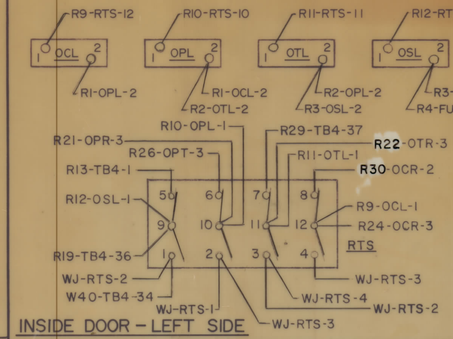
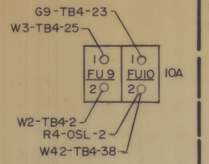
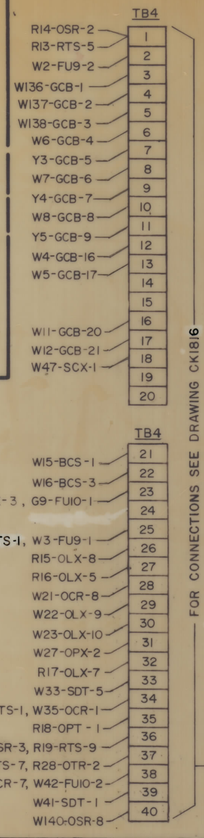
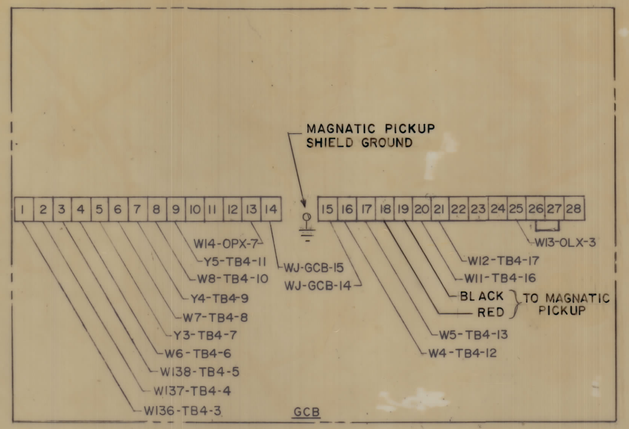


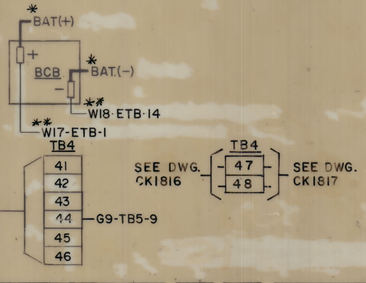
INSIDE DOOR – LEFT SIDE



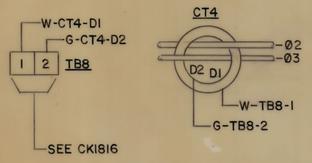
PANEL – LEFT SIDE



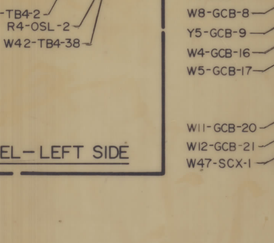


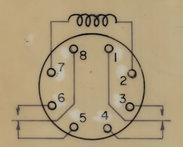


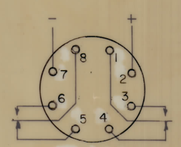
PANEL – BACK SIDE

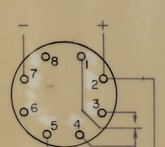


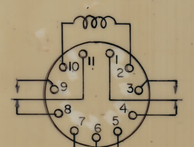
GENERATOR CONNECTION BOX

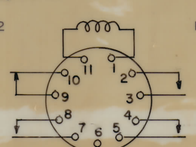






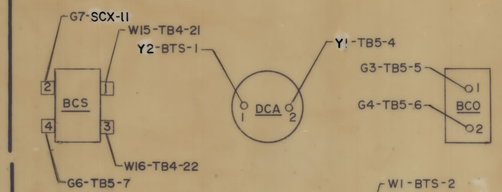






RELAY CONTACT & COIL CONNECTIONS

BOTTOM – INSIDE



INSIDE DOOR – RIGHT SIDE

LEGEND

BC—BATTERY CHARGER
BCB—BATTERY CONNECTION BOARD
BCO—BATTERY CHARGER OVERLOAD BREAKER
BCS—BATTERY CHARGER SWITCH
BEC—BATTERY CHARGER EQUALIZING SWITCH
BTS—BATTERY CHARGER TEST SWITCH

DCA—DC AMMETER
FU—FUSE
GCB—GOVERNOR CONTROL BOX
OCL—OVERCRANK LIGHT
OCR—OVERCRANK RELAY
OCT—OVERCRANK TIMER
OLX—AUXILIARY PILOT RELAY
OPL—OIL PRESSURE LIGHT
OPR—OIL PRESSURE RELAY
OPT—OIL PRESSURE TIMER
OPX—OIL PRESSURE AUXILIARY RELAY
OSL—OVERSPEED LIGHT
OSR—OVERSPEED RELAY
OTL—OVER TEMPERATURE LIGHT
OTR—OVER TEMPERATURE RELAY
RTS—SAFETY RESET AND LAMP TEST SWITCH
SCX—STARTER CONTACTOR AUXILIARY RELAY
SDT—SHUTDOWN TIMER
TB—TERMINAL BLOCK

NOTE:
ALL WIRING IS NO.14 AWG UNLESS OTHERWISE SPECIFIED

* NO. 4/0 CABLE
** NO. 8AWG WIRE

REVISIONS

ZONE	LTR	DESCRIPTION	DATE	DRAFT	CHK'D	APP'D
B5	A	ADDED TB4-47 & 48	6/8/73	ESF	[illegible]	MC
	B	CHANGED AS PER AAF 530 LETTER DATED JULY 6 1973	8/1/73	ESF	[illegible]	

QTY REQ	QTY REQ	QTY REQ	ITEM	PART NO.	MANUFACTURER	DESCRIPTION	SYM

PARTS LIST

NEXT ASSY	AX753
USED ON	
APPLICATION	

INTERPRET DRAWING PER LISTED DOCUMENTS
DIMENSIONING MIL-STD-8
SURFACE ROUGHNESS MIL-STD-10
ABBREVIATIONS MIL-STD-12
ELECTRONIC SYMBOLS MIL-STD-15
WELDING SYMBOLS JAN-STD-19

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES
REMOVE ALL BURRS AND SHARP EDGES
TOLERANCES ON FRACTIONS ANGLES DECIMALS
MATERIAL
FINISH

DRAWN	FERNANDEZ	DATE 4/5/73
CHECKED	[illegible]	DATE 22MAY73
D. ENG.	[illegible]	DATE 6-1-73
P. ENG.	[illegible]	DATE 22MAY73
P. MGR.		DATE
CHIEF ENG. DEPT.	[illegible]	DATE 22MAY73
TMC QA	[illegible]	DATE 6-7-73
FAA QRQ	[illegible]	DATE 6-7-73

THE TMC SYSTEMS AND POWER CORPORATION
SPRINGFIELD, VIRGINIA

WIRING DIAGRAM DC CONTROL CABINET 500KW, 120/208VAC

SIZE	CODE IDENT NO	DWG. NO.	REV
D	24146	CK1818	B
SCALE NONE		SHEET 1 OF 1	

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