

ELECTRICAL CONNECTION DIAGRAMS KAMAG 22, WITH APR VOLTAGE REGULATORS

- NOTE 1 CAUTION: UNIT MUST BE GROUNDED IN ACCORDANCE WITH APPLICABLE ELECTRICAL CODES.
- NOTE 2 SEE VOLTAGE RANGE CHART FOR APPLICABLE CONNECTION DIAGRAM. CONDUCTORS SHOWN AS DASHED LINES TO BE INSTALLED BY THE USER OF THE GENERATOR. CHECK ALL CONNECTIONS INCLUDING THOSE MADE TO VOLTAGE REGULATOR BEFORE OPERATING GENERATOR SET.
- NOTE 3 CONNECTION OF OPTIONAL REGULATOR ON-OFF SWITCH IS SHOWN IN FIGURE IA.
- NOTE 4 CONNECTION OF OPTIONAL FIELD CIRCUIT BREAKER IS SHOWN IN FIGURE IB.
- NOTE 5 LOCATION OF JUMPER MUST AGREE WITH OPERATING FREQUENCY (50 HZ OR 60 HZ)
- NOTE 6 CONNECTION OF OPTIONAL PARALLELING MODULE IS SHOWN IN FIGURE IC
- NOTE 7 JUMPER MUST BE IN PLACE IF CURRENT BOOST SYSTEM IS NOT USED
- NOTE 8 CAUTION: EXCITER FIELD CIRCUIT IS NOT ISOLATED. DO NOT ATTEMPT TO MANUALLY FLASH GENERATOR FIELD WHILE GENERATOR IS ROTATING.
- NOTE 9 LEAD MARKINGS SHOWN GIVES A-B-C PHASE ROTATION WHEN THE GENERATOR IS ROTATING CCW, AS VIEWED FROM THE EXCITER END. (CW FACING DRIVE END).

FIGURE 3
10 WIRE PARALLEL WYE
THREE PHASE LOADS

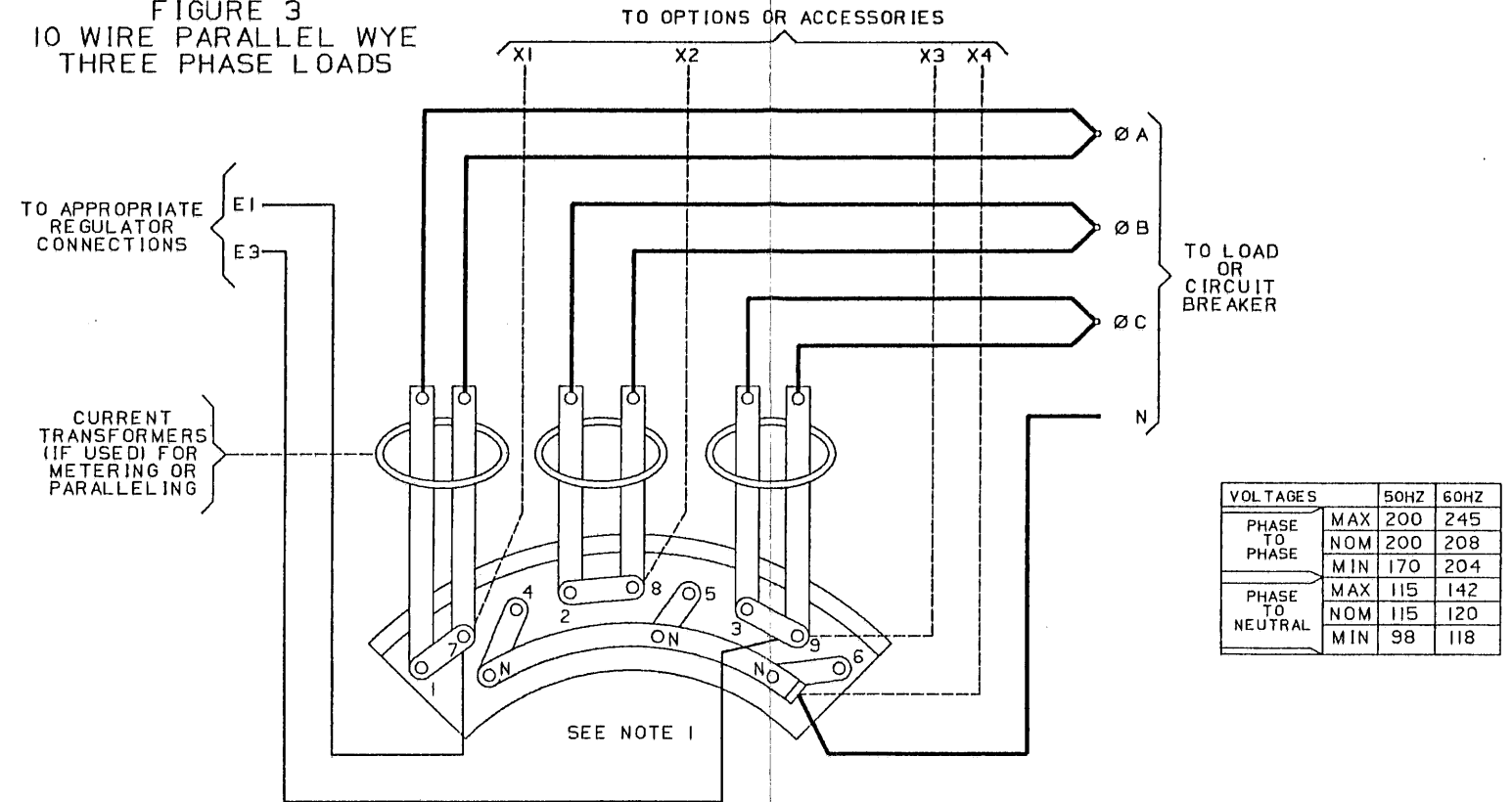
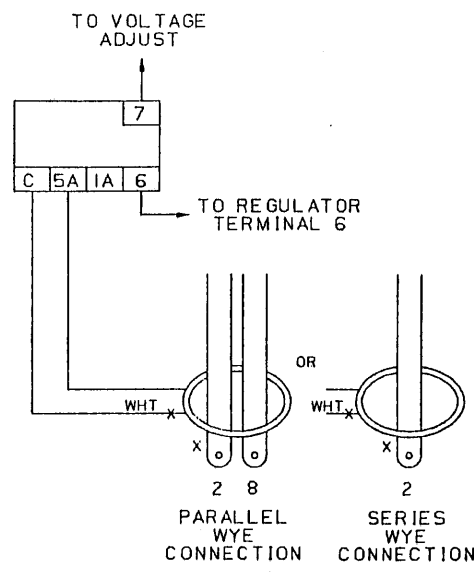
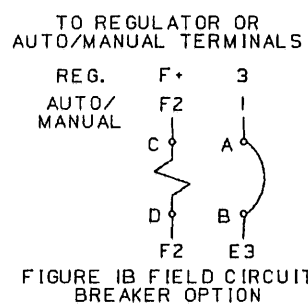
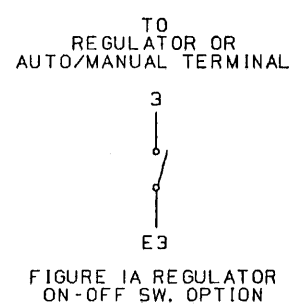
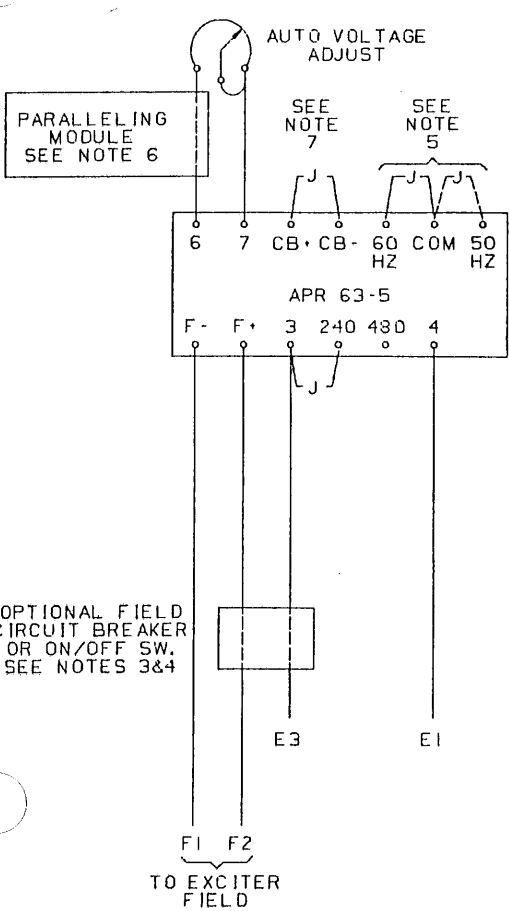
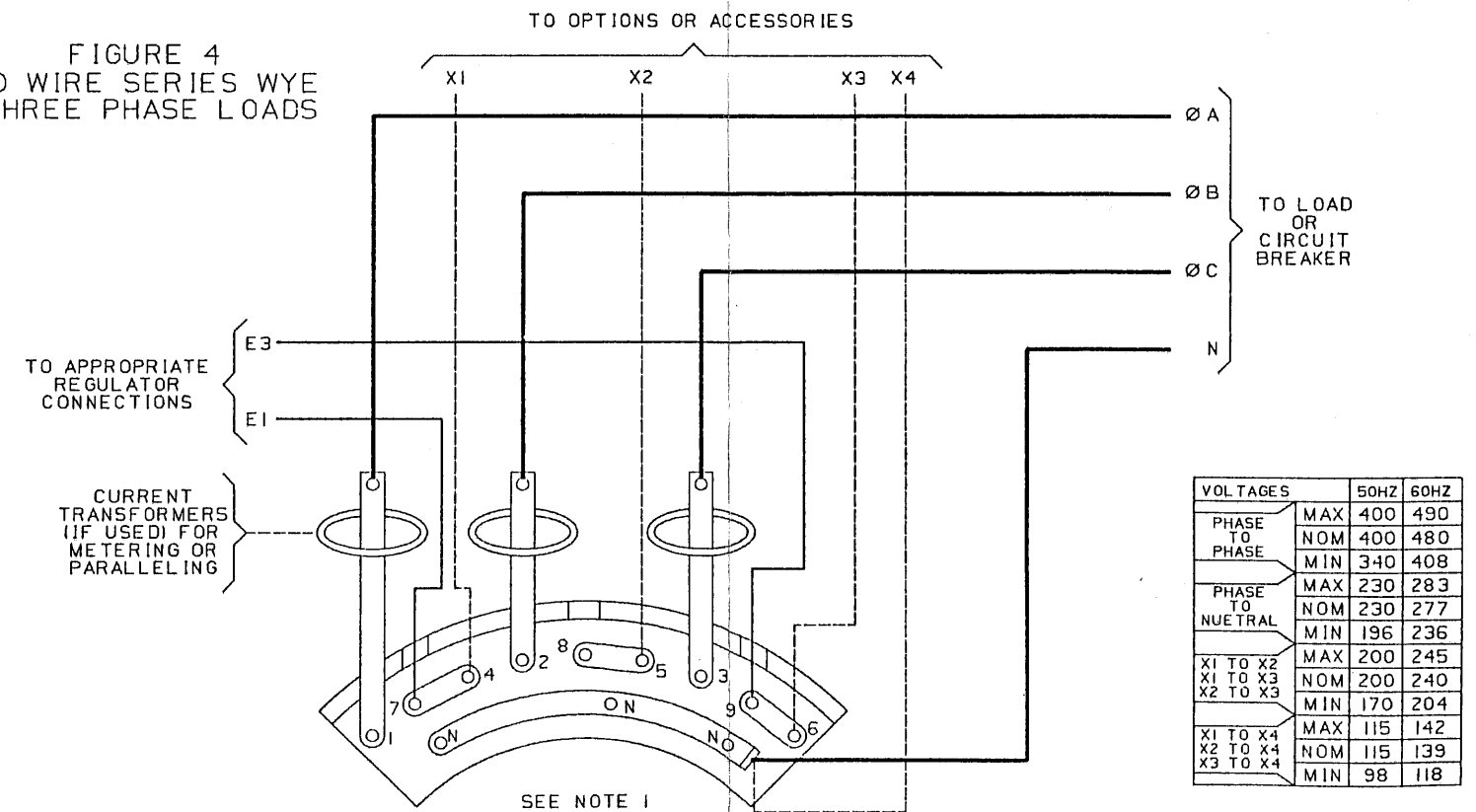


FIGURE 4
10 WIRE SERIES WYE
THREE PHASE LOADS



CERTIFIED FOR		A 42971		RAN		RCK		NMF		B-2-88	
KVA		ORIGINAL	DD	DL	DLB	5-14-85					
VOLTAGE		REV	ECC	ENGR	DR	CK					
P.O.		MATERIAL		SCALE		1st 5/N					
KATO S/N		DISTRIBUTION: RAG, REK, RIV, RRC, RSM, RST		ORIGINAL AT RMK		DRAWING NUMBER		SH 1 OF 1			
DATE	SIGN	GENERATOR CONTROLS		P8800-837							

TESTED AT FACTORY AS ILLUSTRATED IN FIGURE