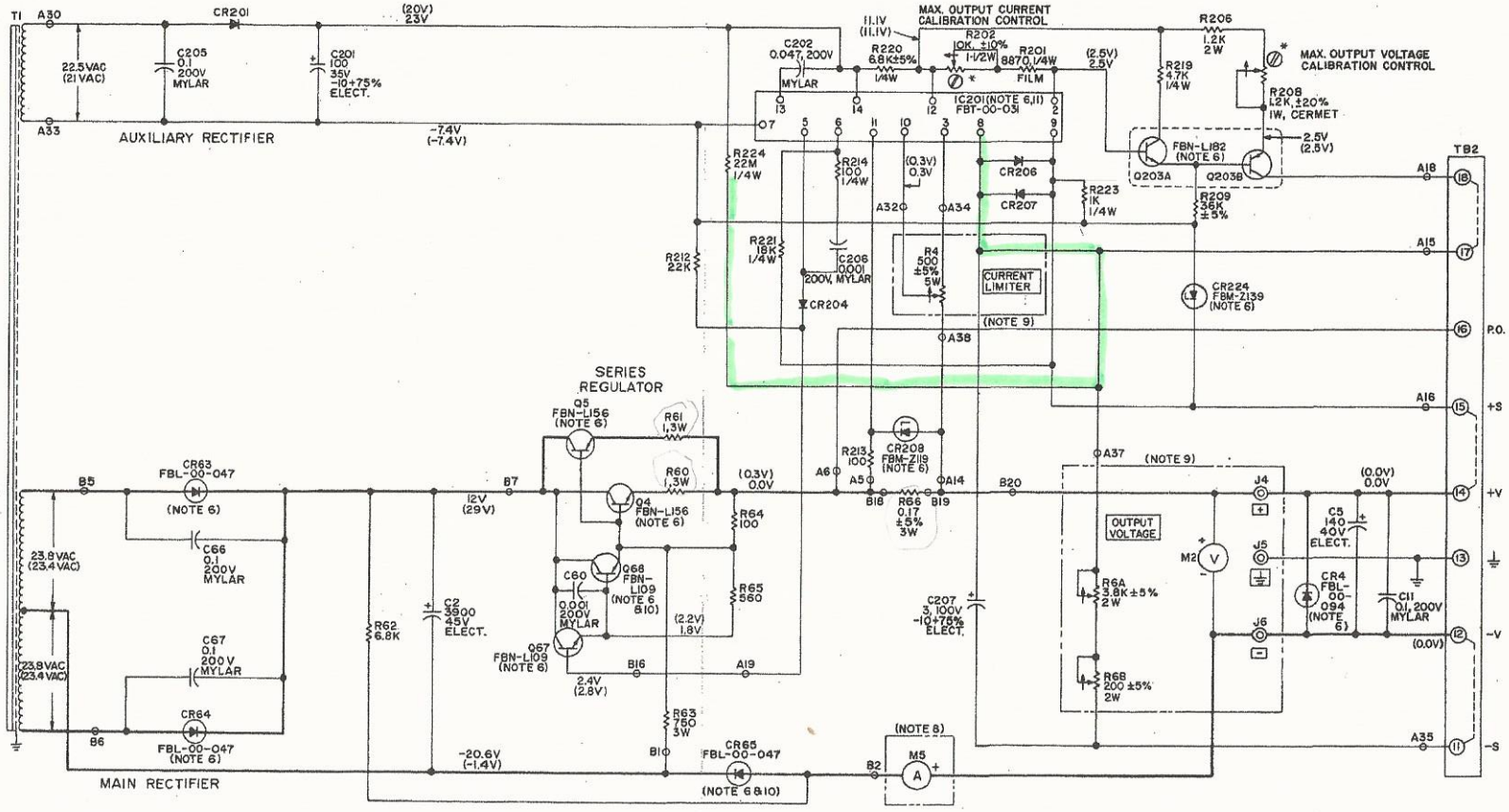

NOTES

1. RESISTORS ARE 1/2W COMP. WITH VALUES IN OHMS UNLESS OTHERWISE NOTED. CAPACITOR VALUES ARE IN MICROFARDS.
2. RESISTOR WATTAGE 1/2 WATT; RESISTORS ABOVE 1 WATT ARE WIREWOUND UNLESS OTHERWISE NOTED.
3. RESISTOR TOLERANCES; COMPOSITION ±10%; WIREWOUND ±3%; FILM ±1%; UNLESS OTHERWISE NOTED.
4. CAPACITOR TOLERANCES: ELECTROLYTIC -10%, +100%; MYLAR ±10%; UNLESS OTHERWISE NOTED.
5. SYMBOLS:
   - ↓ INDICATES CLOCKWISE ROTATION OF SHAFT.
   - ⏚ INDICATES CONNECTION TO CHASSIS.
   - ⌀ INDICATES ADJUSTMENT OR CALIBRATION CONTROL.
   - □ INDICATES ACTUAL UNIT MARKING.
   - * SEE INSTRUCTION MANUAL.
- ⊣◗⊢ LAMBDA PT. NO. FBL-00-096; USE IN 4002 DIODE FOR REPLACEMENT UNLESS OTHERWISE NOTED.
- ⊖ INDICATES TERMINAL ON PRINTED WIRING BOARD.
6. DESIGNATIONS ARE LAMBDA PART NUMBERS.
7. FOR OPERATION AT 47-53 Hz, DERATE CURRENT 10%. FOR OPERATION AT 63-440 Hz, CONSULT FACTORY.
8. CONDITIONS FOR CIRCUIT POINT MEASUREMENTS, CV AND CC
   INPUT: 115 VAC, 60Hz
   INDICATED VOLTAGES ARE TYPICAL VALUES AND ARE DC UNLESS OTHERWISE NOTED.
   DC MEASUREMENTS TAKEN WITH 20,000 OHMS/V VOLTMETER BETWEEN +S (TERM 17) & INDICATED POINTS UNLESS OTHERWISE NOTED.
   A. CONSTANT VOLTAGE
      READ NOS. NOT IN PARENTHESIS
      OUTPUT: MAX RATED VOLTAGE, ZERO CURRENT.
   B. CONSTANT CURRENT
      READ NOS. IN PARENTHESIS
      OUTPUT: 0 VOLTS, MAX RATED CURRENT (SHORT CIRCUIT)
9. [ ] INDICATES FRONT PANEL MOUNTED COMPONENT.
10. WHEN REPLACING CR65 OR Q68, RETAIN RADIATOR AND INSTALL WITH NEW PART.
11. IC 201 WAS FBT-00-034 ON UNITS WITH SERIAL NO. PREFIXES A & B.

FOR WIRING OF POWER SUPPLY TO LOAD REFER TO SUPPLY-TO-LOAD WIRING DIAGRAMS.
DOTTED CONNECTIONS SHOWN ON TB1 INDICATE JUMPERS IN PLACE FOR LOCAL SENSING CONNECTION.

THIS SCHEMATIC APPLIES TO UNITS BEARING SERIAL NO. PREFIXES A-C

UNIT B
SCHEMATIC DIAGRAM
REGULATED POWER SUPPLY

MODEL
LPT-7202-FM
0-20 VDC OUTPUT

LAMBDA
ELECTRONICS
MELVILLE, NEW YORK
DIVISION OF Veeco INSTRUMENTS INC.

FBT-031

IC 201 ⇒ FBT-031 or MC1466L

Q203A + Q203B ⇒ FBN-L182 -or- ?

Q67 ⇒ FBN-L109 or ?
Q68 ⇒ FBN-L109 or ?
Q4 ⇒ FBN-L156 or ?
Q5 ⇒ FBN-L156 or ?