

**NOTES:**

1.  $\text{TTT}$  DENOTES CHASSIS GROUND.
2. THE CORRECT POSITION OF THE J4 CONNECTOR FOR BOTH THE CONTROL BOARD AND THE POWER SUPPLY BOARD IS: WIRE LEADS FACING TOWARD THE CENTER OF THE BOARD.
3. TO CHECK FOR PROPER VOLTAGE AT THE CONTROL BOARD:
  - A) DISCONNECT J4 AT THE CONTROL BOARD.
  - B) PLACE THE RED METER LEAD ON THE "RED" PIN AND THE BLACK METER LEAD TO THE OTHER THREE PINS OF J4 IN SUCCESSION.
  - C) WITH METER SET AT 200 VAC RANGE, METER SHOULD INDICATE 6 VAC  $\pm$ 5 VAC AT EACH OF THE OTHER THREE PINS
4. WHEN EXPERIENCING ERRATIC TEMPERATURE READINGS, ASSURE PROPER ELECTRICAL CONTACT BY:
  - A) REMOVING THE WIRE FROM HOLDER, RETWIST / CLEAN OFF WIRE.
  - B) REINSTALL WIRE IN HOLDER & TIGHTEN.

IF THIS DOES NOT SOLVE THE PROBLEM, CHECK THE FOLLOWING:

  - C) READ THE VOLTAGES ACROSS R1 & R10 ON THE CONTROL BOARD.
  - D) SET METER AT 200 VAC. VOLTAGE READINGS WILL BE 5 VAC  $\pm$ 2 VAC.
5. HEATING COIL RESISTANCE READINGS:
  - 6 GAL. - 17 OHMS WITH TONE.
  - 3 GAL. - 34 OHMS WITH NO TONE.
6. MOTOR RESISTANCE READINGS:
  - 60 - 110 OHMS WITH NO TONE.

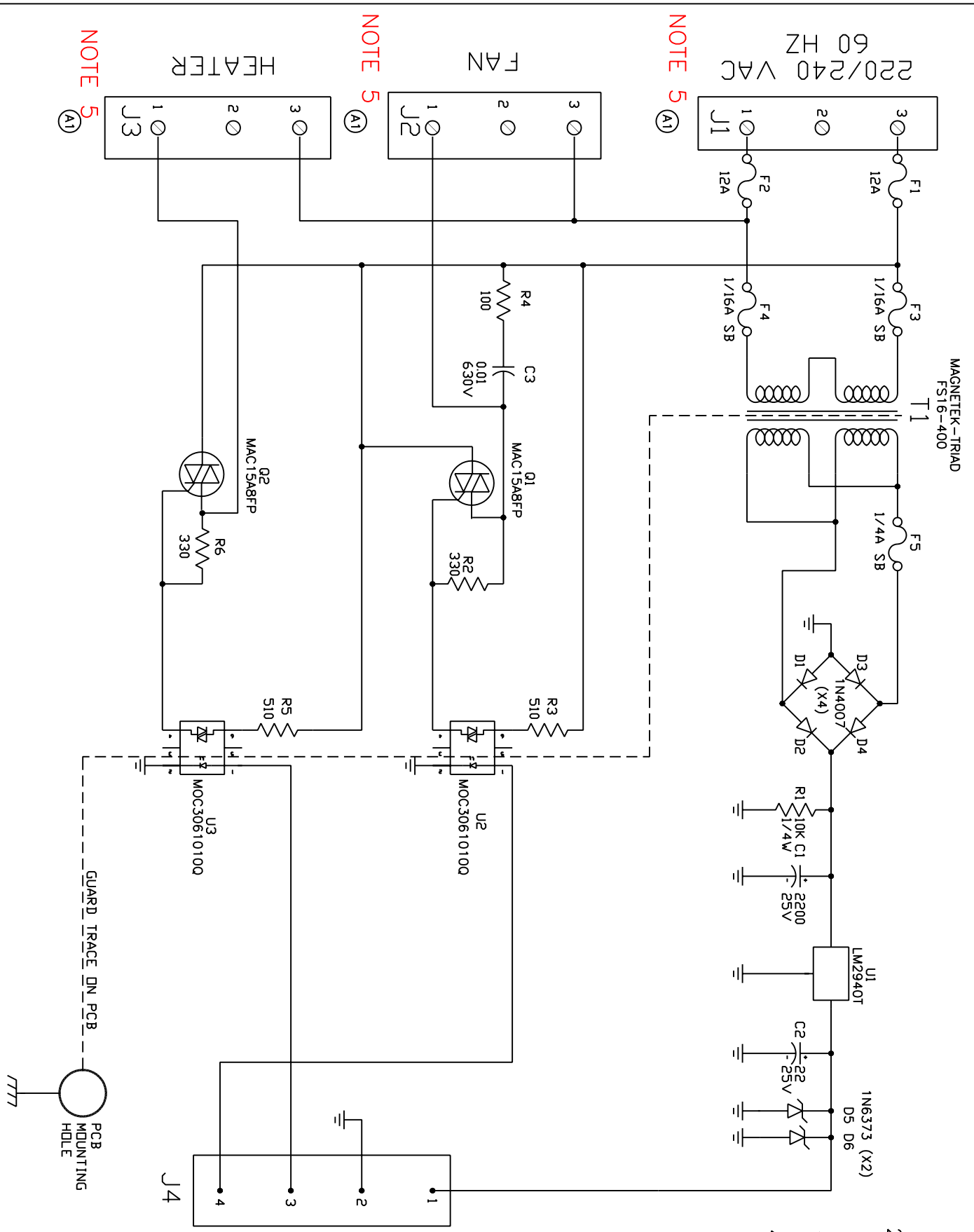
REV	NO.	DATE	DESCRIPTION	BY	CHKD
1	ISSUED	NOTE 6			
2	ISSUED	NOTE 5			
3	ISSUED	NOTE 3			
4	ISSUED	NOTE 2			

DATE: 8-12-02	APPROVALS: <i>Sgt</i>	DESIGN BY: WJW
SCALE: NONE		
2010 COBB INTERNATIONAL BLVD. KENNESAW, GA 30152		
RECYCLER 9711 AND 9723		
WELDING DIVISION		
PART NO.	DATE	REVISION

TOLERANCES UNLESS SPECIFIED:	
FRACTIONS .001	
DIMENSIONS .001	
ANGLES .001	
HOLES .001	
OTHER DIM INH UNLESS SPECIFIED	



- NOTES:
1. ALL RESISTOR VALUES ARE IN OHMS AND ARE 1/2W ±5% TOLERANCE UNLESS OTHERWISE NOTED.
  2. ALL CAPACITOR VALUES ARE IN MICROFARADS AND ARE +80% -20% TOLERANCE UNLESS OTHERWISE NOTED.
  3. PRINTED CIRCUIT BOARD MATERIAL IS 0.062" FR4.
  4.  $\llcorner$  DENOTES CHASSIS GROUND.
  5. TO CONFIRM POWER AT EACH TERMINAL OF J1, J2, AND J3, DO THE FOLLOWING WITH POWER ON:
    - 1) TOUCH GROUND AND TERMINAL POINT.
    - 2) READING WILL BE 118 VAC ±5 VAC.

NOTE 5 (A1)

NOTE 5 (A1)

NOTE 5 (A1)

CHANGE NO.	REVISION	DATE (CHKD)	APPR.
A	1	2-9-06	JDH

REFERENCES		REV	DATE
2010 COBB INTERNATIONAL BLVD. KENNESAW, GA 30152			
SCALE: NONE		APPROVALS:	DRAWN BY: WJW
DATE: 9-12-02		POWER SUPPLY 807002	
		ELECTRICAL SCHEMATIC	
PART NO.	DRAWING NUMBER	SIZE	REV
	9702	C	A

TOLERANCES  
 ALL DIMENSIONS IN IN.(CM)  
 0.XXX DIM MAY VARY ±0.02  
 0.XXX DIM MAY VARY ±0.005

BECCA INC.  
 2010 COBB INTERNATIONAL BLVD. KENNESAW, GA 30152  
 APPROVALS: *[Signature]*  
 DRAWN BY: WJW  
 POWER SUPPLY 807002  
 ELECTRICAL SCHEMATIC  
 DRAWING NUMBER 9702  
 SIZE C  
 REV A