☐ Cut a ¾" piece of the small bare wire. Connect one end to terminal 1 of S-4. Connect the other end to terminal 2 of S-4.

☐ Cut a 1¼" piece of the small bare wire. Place a ¾" piece of small tubing over the wire. Solder one end to terminal 2 of S-4 (2 wires). Solder the other end to terminal 4 of S-4.

☐ Orange wire from the cutout in the chassis. Solder the free end to terminal 1 of S-4 (2 wires).

☐ White wire from the cutout in the chassis. Solder the free end to terminal 3 of S-4.

☐ Green wire from terminal 11 of S-4. Connect the free end to terminal 2 of the meter.

☐ Yellow wire from terminal 10 of S-4. Connect the free end to terminal 2 of R-16.

☐ C-34, .005 μf disc capacitor. Solder one lead to terminal 2 of R-16 (2 wires). Connect the other lead to terminal 1 of R-16.

☐ Red-white wire from the cutout in the chassis. Solder the free end to terminal 1 of R-16 (2 wires).

☐ Green-white wire from the cutout in the chassis. Solder the free end to terminal 3 of R-16.

☐ Yellow wire. Solder one end to terminal 5 of S-4. Connect the other end to terminal 1 of the meter.

☐ C-37, .005 μf disc capacitor. Solder one lead to terminal 1 of the meter (2 wires). Solder the other lead to terminal 2 of the meter (2 wires).

FINAL WIRING ON THE CHASSIS

SEE FIGURE 26.

☐ Green wire from the grommet near S-3. Solder the free end to terminal 3 of S-3B.

☐ Blue wire from the grommet near S-3. Solder the free end to terminal 4 of S-3B.

☐ Violet wire from the grommet near S-3. Solder the free end to terminal 5 of S-3B.

☐ Brown wire from the grommet near S-3. Connect the free end to terminal 1 of TS-7.

☐ Green wire. Solder one end to terminal 1 of TS-7 (4 wires). Connect the other end to terminal 2 of J-2.

☐ Red wire. Solder one end to terminal 6 of S-1B. Solder the other end to terminal 1 of S-1C (2 wires).

☐ 12" red-white wire. Solder one end to terminal 5 of S-1B. Solder the other end to terminal 6 of J-2.

☐ White wire. Solder one end to terminal 5 of S-1A. Solder the other end to terminal 2 of TS-6 (3 wires).

☐ Brown-white wire. Solder one end to terminal 6 of S-1A. Solder the other end to terminal 2 of J-1.

☐ Violet wire. Solder one end to terminal 7 of J-1. Solder the other end to terminal 2 of TS-8 (3 wires).

☐ Blue wire. Solder one end to terminal 5 of J-2. Solder the other end to terminal 2 of TS-5 (3 wires).

☐ Green wire. Connect one end to terminal 2 of J-2. Solder the other end to pin 7 of V-8 (2 wires).

☐ Blue wire. Solder one end to terminal 2 of J-2 (3 wires). Solder the other end to pin 5 of V-2 (2 wires).

☐ C-13, .001 μf disc capacitor. Solder one lead to pin 8 of V-2. Solder the other lead to terminal 2 of TS-9 (2 wires).

☐ R-3, 100K resistor (brown, black, yellow). Solder one lead to pin 9 of V-2. Solder the other lead to terminal 3 of TS-9.

☐ C-11, 750 μμf mica capacitor. Connect one lead to pin 1 of V-1. Solder the other lead to ground lug B of V-1. (2 wires).

NOTE: Coils L-4 and L-5 are identical.

☐ L-5. Solder one lead to pin 1 of V-1 (3 wires). Connect the other lead to terminal 1 of TS-15.

☐ Green wire. Solder one end to terminal 1 of J-4 (4 wires). Solder the other end to terminal 1 of TS-15 (2 wires).

☐ L-4. Solder one lead to pin 7 of V-1 (2 wires). Connect the other lead to terminal 3 of TS-15.

☐ C-59, .005 μf disc capacitor. Solder lead end to terminal 3 of TS-15 (4 wires). Solder the other lead to terminal 2 of TS-15.

☐ C-36, .005 μf disc capacitor. Solder one lead to terminal 2 of TS-14 (2 wires). Connect the other lead to terminal 3 of TS-14.

NOTE: There are three diodes used in the transmitter. CR-1 and CR-2, the rectifiers are identical. CR-3 the meter rectifier is different in shape than CR-1 and CR-2. The marked ends of the diodes may be marked with a band, a dot, several colored bands or have the end colored red. When wiring the diodes be sure to position the marked end exactly as instructed.

☐ CR-3, meter rectifier. Solder the marked end to terminal 1 of TS-14 (3 wires). Solder the other lead to terminal 3 of TS-14 (3 wires).