

**TECHNICAL MANUAL
CIRCUIT DIAGRAMS**

RADAR TRANSMITTER

**T-1524/FPS-118(V)
7252903G1**

**T-1524A/FPS-118(V)
7252903G2**

(GENERAL ELECTRIC COMPANY)
(CONTINENTAL ELECTRONICS,
A DIVISION OF VARIAN, INC.)

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SAFETY SUMMARY



WARNING

VOLTAGE, CURRENT, AND LIGHTNING HAZARD

The voltage, current, and lightning hazards listed in A through D below exist for the transmitter group. Death or serious injury may result if personnel fail to observe the following safety precautions.

1. Never work on electronic equipment unless there is another person nearby who is familiar with the operation and hazards of the equipment. Also, this person must be competent in administering first aid and cardiopulmonary resuscitation (CPR). When the technician is aided by operators, he must warn them about dangerous area.
2. Be careful not to contact high voltage or high current connections when installing, maintaining, or operating this equipment.
3. Whenever the operation permits, keep one hand away from the equipment to reduce the hazard of current flowing through vital organs of the body.
4. Remove all rings, watches, bracelets, and necklaces before performing installation, operation, or maintenance of this equipment.
5. Whenever possible, the power supply of the equipment must be shut off before beginning work on the equipment. When working inside the equipment after the power has been turned off always ground every part before touching it.
6. If the device controlling power to the equipment being repaired is turned off, the device should be marked with a warning sign that indicates maintenance is being performed. The sign must not be removed nor the power turned on until maintenance is complete. Where circuit breaker lockout devices are provided, they must be used.
7. Extremely high current low voltage dc is used in portions of this equipment. Do not be misled by the low voltage rating (5 to 60 V dc) of the current sources. Severe personal injury and equipment damage will occur if the current sources are shorted (directly connected) to ground or ground returns by tools or test equipment.
8. Observe all caution and danger instruction signs mounted on equipment.
9. During installation and maintenance, check cabinet grounds in accordance with preventative maintenance schedule.
10. If personnel have been exposed to electrical shock and suffered respiratory or cardiac arrest, immediately perform respiratory or resuscitation procedures as required.

NOTE

For hazards associated with the communications subsystem, real property installed equipment (RPIE), and other government furnished equipment (GFE) or vendor equipment, refer to appropriate manuals furnished with the item.

A. DC VOLTAGE HAZARDS.

1. 24 to 60 V dc. A potential of 24 to 60 V dc exists between certain power buses within the transmitter module, Units 110 through 121, (cabinet 1) and power supply (cabinet 2) 24 and 28 V dc power supplies.
2. 200 to 5000 V dc. Potentials of 200 to 5000 V dc exist between certain power supply lines and ground within the transmitter module cabinet and high voltage power supply (HVPS) cabinet.
3. 10,000 V dc or More. Potentials in excess of 10,000 V dc exist within the HVPS cabinet and the transmitter module cabinet.

B. DC CURRENT HAZARDS. Certain low voltage power supplies, 25 A dc or more, in the following equipments are bused together. They supply extremely high current at voltages ranging from 5 to 60 V dc. In addition to the high continuous current capability, instantaneous short circuit current available at the buses may exceed hundreds of amperes.

Direct connections (shorts) placed anywhere across the output lines from these supplies may cause damage to the equipment and severe burns or temporary flash blindness to personnel.

1. Transmitter module, Units 110 through 121, 15 V dc, 24 V dc, and 28 V dc power supplies.

C. AC VOLTAGE AND CURRENT HAZARDS.

1. 60 Cycle 120/208 V ac. High voltage, high amperage, 60 cycle power is supplied to and is present within the following equipment:
 - a. Transmitter module, Units 110 through 121.
 - b. High Voltage Power Supply, Units 122 through 133.
2. 1000 V ac to 5000 V ac. Potentials in excess of 1000 V ac exist within the transmitter HVPS.
3. 10,000 V ac or More. Potentials in excess of 10,000 V ac exist within the high voltage ac switch, high voltage power supply, and transmitter disconnect switch.

D. LIGHTNING HAZARDS. No maintenance shall be performed on the transmit antenna towers or ground screens when thunderstorms are imminent or in progress.



WARNING

RADIO FREQUENCY RADIATION HAZARDS

The radio frequency (RF) radiation hazards listed in A through D below exist for the transmitter group. For hazards associated with RPIE and other GFE or vendor equipment, refer to appropriate manuals furnished with the item.

A. RADIO FREQUENCY RADIATION HAZARDS.

The transmitters of the transmitter group generate and radiate high power RF energy through the antenna elements into free space. The RF radiation fields inside the transmitter module (cabinet 1) and RF radiation from the transmit antenna elements present a potential hazard to personnel unless certain safety precautions are followed. The RF radiation heats the body tissues. When the power or energy density is high enough, the radiation may produce enough heat to damage the body tissues permanently. Recent research has indicated some nonthermal biological effects. Precautions must be taken so that personnel are not exposed to RF radiation levels that are in excess of the RF radiation protection guides below. For normal environmental conditions and for incident electromagnetic energy of frequencies from 2 to 3 MHz, the radiation protection guide is 100 mW/cm. For frequencies from 3 MHz to 30 MHz, the radiation protection guide exposure limit at any frequency can be found by dividing 900 by the frequency in MHz squared. The result is in milliwatts per square centimeter. The power density is averaged over any 0.1 hour (6 minute) period. This means the following:

Power density: 100 mW/cm (in milliwatts per square centimeter) for frequencies from 2 to 3 MHz during 0.1 hour period.

Energy density: 10 mW hrs/cm (in milliwatts per square centimeter) for frequencies from 2 to 3 MHz during any 0.1 hour period.

Power density: 900 (frequency in MHz) (in milliwatts per square centimeter) during any 0.1 hour period (3 to 30 MHz).

Energy density: 90 (frequency in MHz) (in milliwatt hours per square centimeter) during any 0.1 hour period (3 to 30 MHz).

These formulated recommendations pertain to both whole body irradiation and partial body irradiation. Partial body irradiation must be included since it has been shown that some parts of the human body (e.g., eyes, testicles) may be harmed if exposed to incident radiation levels significantly in excess of the recommended levels.

An RF radiation hazard in excess of the radiation protection guide given above exists inside the transmitter module (cabinet 1) and in the area inside the interlocked antenna field fence. Because the transmit antenna beam is elevated, any elevated object entering the beam (over 10 feet from the ground) will encounter hazardous levels at distances beyond the main antenna field fence.

B. RADIO FREQUENCY RADIATION HAZARD TO PACEMAKERS.

The RF radiation due to a stationary beam from the transmitter group could present a potential hazard to personnel wearing cardiac pacemakers. With consideration for the effect of frequency, an E-field of 200 V/meter (rms) is the recommended safe operating limit for pacemaker wearers. Levels above this limit will exist inside the interlocked antenna field fence.

C. RADIO FREQUENCY RADIATION HAZARD TO ELECTRO-EXPLOSIVE DEVICES.

The RF radiation from the transmitter group could cause accidental detonation of electro-explosive devices (EEDs). With consideration for the effect of frequency, an average power density of 0.01 W/square meter is the recommended safe operating limit for EEDs in an exposed condition. At this level, Hazardous Electromagnetic Radiation to Ordinance (HERO) restrictions shall be enforced out to a distance of 3121 meters (10,144 feet) in front of the transmit antenna elements or 901 meters (2928 feet) in front of the sounder antenna. This distance shall be doubled if reflections, that could double the field intensity, are to be considered. Because the transmit beam is elevated, the antenna gain was not included when calculating the above distance. Any elevated objects entering the beam will encounter hazardous levels at distances greater than those given above.

U.S. Air Force regulation AFR 127-100, entitled Explosive Safety Standards, establishes safety limits in regard to hazards of electromagnetic radiation to electro-explosive devices. The limits are defined for various configurations and conditions for EEDs. In general, the limits are given for EEDs in transport and/or storage in nonmetallic containers when there are no known EEDs in the area. Although the indicated limits for EEDs are expressed as average power levels, the averaging for beam movement is not always acceptable. This is because the fusible link in some EEDs might explode after exposure to power density levels in excess of the limit for very short periods of time. Averaging for beam movement is not used here because the OTH beam can dwell at one azimuth angle for up to several seconds even when it is scanning. The recommended average power density limit for EEDs in transport and/or storage is 0.26 W/square meter. At this level the safe distance (from transmit antenna) for EEDs in transport or storage is 985 meters (3200 feet) or 285 meters (926 feet) for the sounder antenna. Because the transmit beam is elevated, the antenna gain was not included when calculating the above distance. Any elevated object entering the beam will encounter hazardous levels at distances greater than those given above.

D. RADIO FREQUENCY RADIATION HAZARD PRECAUTIONS.

The following RF radiation hazard precautions shall be observed when operating or performing maintenance on the transmit antennas:

1. Proper precautions shall be taken to protect pacemaker users.
2. Visual inspection of the transmit and sounder antennas can be conducted with the radar system fully operational and radiating, provided the personnel remain behind the safety fence and do not work above 10 feet in elevation at all times during the inspection.
3. Maintenance shall not be conducted on the transmit or sounder antennas, ground screens, or any equipment inside the antenna field fence unless all the respective site radar system transmitters are definitely turned off so as not to radiate for the purpose of such maintenance.
4. Perform initial and periodic RF radiation surveys outside the safety fences including the entire length of the back of the transmit antenna field at predetermined intervals to determine if any personnel hazards exist resulting from radar system radiation or adjacent RF radiation sources. The survey shall include measurements from tower, poles, building, and other surfaces. If hazardous areas exist, ensure that radiation restrictions are established and put into effect and that required warning signs are posted and observed by personnel.
5. Prior to and during operation and maintenance, observe all radiation restrictions in effect at the radar site.
6. Do not attempt to climb, step, or stand on transmit elements located on the towers in the transmit antenna field. Damage may occur to the antenna structure and RF radiation may exist.
7. In accordance with design requirements:
 - a. The primary radar system is designed to prevent RF radiation when the key from the high voltage main switch cabinet is inserted and rotated in the transmitter building key block. Only then can the antenna field gate keys be released from the key block allowing access to the transmit antenna field. Do not, under any

circumstances, attempt to defeat the equipment interlocks that implement this safety provision when operating or performing maintenance on the radar system.

8. If personnel are suspected or known to have been exposed to RF radiation in excess of RF protection guide, seek medical advice immediately.
9. Do not stand in front of the transmit elements (inside fenced area) as an RF radiation hazard may exist.
10. Do not attempt to defeat equipment interlocks and operate the transmitter modules (cabinet 1) with any of the shields, panels, or covers removed. Hazardous RF and x-ray fields exist within the transmitter module cabinet.
11. Do not attempt to disconnect RF high power coaxial transmission lines from a transmitter module cabinet, or from each

other, while the transmitter or any of the other transmitters are operating. The transmitter may not automatically shut down due to high voltage standing wave ratio (VSWR). In addition, high levels of RF energy may be coupled from the other transmitters to the antenna elements associated with the transmission lines and may be present within the transmission lines. In either case, severe RF burns to personnel due to RF radiation from the open transmission line connections could occur.

12. Always perform an RF radiation survey to determine if a hazard exists after performing a maintenance action which requires removal, disconnection, or replacement of transmission lines or connectors, or transmitter assemblies or components from the final amplifier to the exterior of the cabinet where the transmission lines are connected.

CAUTION RADIATION AREA



WARNING

X-RAY RADIATION HAZARD

Hazardous x-ray radiation may cause death or serious injury to personnel. MIL-STD-454, Requirement 1, defines an x-ray radiation area to be an area where the level of x-ray radiation exceeds 2.0 milliroentgen/hour at a distance of 5 centimeters from the source of the x-ray emissions. The high power tetrode tubes in the transmitter module units generate x-rays as a result of the electrons striking the metal structure within the tube. Shielding incorporated in construction of the cabinet normally prevents any x-ray radiation hazard to personnel. However, should any of these protective shields, doors, etc. be damaged or otherwise become defective, or personnel place themselves in close proximity to the tubes when high voltage is applied, injury from x-ray radiation could result. The following precautions should be observed regarding x-ray radiation hazards:

1. Perform initial and periodic x-ray emission level surveys to determine if an x-ray radiation hazard exists at edges of the transmitter module cabinet doors. Perform the x-ray level survey in accordance with the established survey procedures.
2. Insure that all x-ray radiation hazard areas are properly posted with x-ray radiation hazard warning signs.
3. If personnel are suspected or known to have been exposed to x-ray emissions in excess of the x-ray radiation protection guide, they are required to seek medical advice immediately. In addition, any such occurrence must be reported to the safety specialist so that appropriate action to eliminate the cause of the hazard can be taken.



WARNING

**TOXIC MATERIAL
ENVIRONMENTAL HAZARDS,
MAJOR MAINTENANCE HAZARDS,
FIRE SUPPRESSION HAZARDS,
FIRE/EXPLOSION HAZARDS**

NOTE

The hazards listed in A through D below exist when performing maintenance of the transmitter group. For hazards associated with RPIE, GFE, or other vendor equipment, refer to appropriate manuals furnished with the item.

A. TOXIC MATERIAL/ENVIRONMENTAL HAZARDS.

1. Toxic or Flammable Solvents and Corrosive Chemicals. Cleaning and painting operations may involve the use of caustic or acid solutions, skin irritants, and organic solvents that are flammable and/or toxic. The following minimum precautions must be observed by personnel using such materials:
 - a. Work only in well ventilated areas. Do not rely on equipment room ventilating system for this purpose since it may be recirculating a major part of the equipment room air. Open equipment room doors and use exhaust fans.
 - b. Wear organic vapor respirators when using organic solvents or corrosive chemicals.

c. Wear chemical safety goggles, gloves, and aprons when using corrosive chemicals.

d. Do not use flammable chemicals near flame or electrical sparks.

e. Maintain a fully stocked first aid cabinet nearby for emergency treatment of scalds, chemical burns, etc.

f. Maintain a fresh water supply nearby with a flexible nozzle to flush away corrosive chemicals from any part of the body.

g. Observe and follow all cautions, warnings, and procedures on containers for solvents, paints, and cleaning chemicals.

h. If personnel suffer respiratory or cardiac failure due to toxic hazards, immediately perform respiratory or resuscitation procedures as applicable. Seek medical attention as soon as possible if exposure to toxic material occurs.

2. Beryllium Oxide. The tubes in transmitters contain parts made of beryllium oxide which is inert in the form used. Do not attempt to cut open sealed devices containing beryllium oxide part or attempt to cut, grind, file, or machine beryllium oxide parts in any manner. Beryllium oxide dust particles are toxic. They are a hazard to health when ingested, inhaled, or deposited in open wounds. If beryllium oxide particles are ingested, inhaled, or deposited in open wounds, consult medical officer immediately.

3. Benzene, Carbon Tetrachloride, and Trichloroethane Solvents. Do not use these solvents for cleaning. The fumes are toxic and are a hazard to health. The fumes can cause death by central nervous system depression.
4. Freon and Freon TE. Use only Freon TE for cleaning. Do not expose Freon compounds to open flames or intense heat. Freon compounds will decompose into extremely toxic phosgene gas (odor of new-mown hay) and may cause death.

B. MAJOR MAINTENANCE HAZARDS. The precautions given in 1 through 4 below must be observed to prevent personnel injury or death.

1. Verify that bused power supplies are turned off and buses discharged before attempting maintenance of power supplies or backplanes.
2. When removing test equipment weighing 35 pounds minimum (power supplies, synthesizers, spectrum analyzers, sweep generators, or frequency standards) exercise caution to prevent personal injury due to the weight of these assemblies. Observe any weight hazard warning labels on AN/FPS-118 equipment.
3. If horn sounds and fire light is flashing, personnel have approximately 30 seconds to clear the equipment group area before Halon is discharged on the area.
4. During maintenance refer to TO 00-25-234 for precautionary measures that shall be taken while handling electrostatically sensitive equipment. Electrostatically sensitive components are listed in the illustrated parts breakdown.
5. Deionized cooling water at pressures up to 80 lbf/in² is connected through reinforced hoses to the transmitter modules. Before performing maintenance on piping or water-cooled assemblies and components within the transmitter, make sure the RPIE water supply and return valves have been turned off and the water pressure within the units has been vented.

6. Compressed air at pressures up to 20 lbf/in² is connected to the transmitter modules to operate various pneumatic devices. Before performing maintenance on piping or any pneumatic devices of the transmitter module, make sure that the RPIE compressed air supply has been turned off, and the air pressure within the unit has been vented.
7. When performing maintenance on the transmitter antennas and transmission lines in inclement weather, make sure appropriate protective clothing and gloves are worn to prevent hypothermia or frostbite.

C. FIRE SUPPRESSION HAZARDS. Halon 1301 used in deluge suppression systems and Halon 1211 used in portable extinguishers are low order toxins which are not hazardous by themselves at concentrated levels necessary for fire extinguishment. However, certain precautions must be taken in the event of a Halon spill or when exposed to the combination of the products of combustion and Halon extinguishing agents. These precautions are as follows:

1. Observe the following precautions in the event of a spill or ruptured tank to prevent overexposure. High concentrated levels of Halon may cause acute cardiac and respiratory effects.
 - a. Halon 1211.
 - (1) Notify safety personnel, ventilate area, and wear protective clothing and required equipment for clean up. Do not smoke with contaminated hands. Do not consume food in areas of use. Do not allow liquid to contact skin or eyes. Avoid inhalation of vapors. Avoid contamination of tobacco and food.
 - (2) Small spills do not require respiratory protection in well ventilated areas. Use Self Contained Breathing Apparatus (SCBA) when cleaning up large spills.
 - (3) First aid procedures include flushing eyes with water for 15 minutes, washing exposed skin with soap and water, moving

inhalation victim to fresh air, and providing oxygen and artificial ventilation if required. Seek medical advice in all cases.

b. Halon 1301.

(1) Move leaking cylinders to a ventilated area (outside of building, if necessary). Completely discharge cylinder contents and return defective cylinders to vendor.

(2) If respiratory problems are noted, move victim to fresh air and provide supplemental oxygen. Administer artificial respiration if required and seek medical advice immediately.

2. In the event of a fire, observe the following precautions when using Halon 1211.

a. Use extinguishers only in the event of a fire, being careful not to inhale vapors from the products of combustion. In all but the beginning stage of a fire, evacuate and do not attempt extinguishment.

b. During overhaul operations, observe the same precautions as for a spill.

D. FIRE/EXPLOSION HAZARDS.

1. Solvent. Solvents used in thinners, paints, and certain cleaners are extremely flammable. They are toxic and are hazardous to the health. To avoid explosions and fire, do not use paints, thinners, and cleaners near flame or electrical sparks. When using these items in a confined area, the area must be ventilated to outside air to avoid explosive or toxic concentration of the solvent fumes. Do not rely on equipment room ventilating system for this purpose since it may be recirculating a major part of the equipment room air. Open equipment room doors and use exhaust fans. In addition to adequate ventilation, organic respirators must be worn to reduce the toxic effects of the solvents. If personnel suffer respiratory or cardiac failure due to the hazards listed above, immediately perform respiratory or resuscitation procedures as applicable. When, and if possible, seek medical advice.

2. Electrolytic Capacitor. Ensure terminal polarity markings [positive (+) and negative (-)] are observed when connecting electrolytic capacitors to dc (+) and (-) buses. If capacitors are installed backwards (reverse polarity), an explosion will result when dc voltage is applied.

CHAPTER 1

CIRCUIT DIAGRAMS

1-1 GENERAL.

This technical order contains data to support maintenance and operation of the T-1524 and T-1524A FPS118(V) Radar Transmitters. Data includes schematic diagrams of transmitter equipment, appropriate wire lists and cross reference table.

1-2 CIRCUIT DIAGRAMS.

This chapter contains schematic and wiring diagrams of the T-1524 and T-1524A FPS118(V) Radar Transmitters. Diagrams are arranged first by major assembly cabinet number. Next, diagrams of subassemblies of each cabinet are then arranged by

reference designator. For example, FIGURE 1-1 is a multi-sheet schematic of overall Transmitter Cabinet 1 and FIGURES 1-2 through 1-33 are schematics of cabinet 1 subassemblies. The High Voltage Power Supply Cabinet 2 and High Voltage AC Switch Cabinet 3 schematics are arranged in the same manner. No technical difference exists between schematic circuit references and wiring diagram circuit references that differ by a non-significant 0, (zero) term, ie, TB01 is the same as TB1.

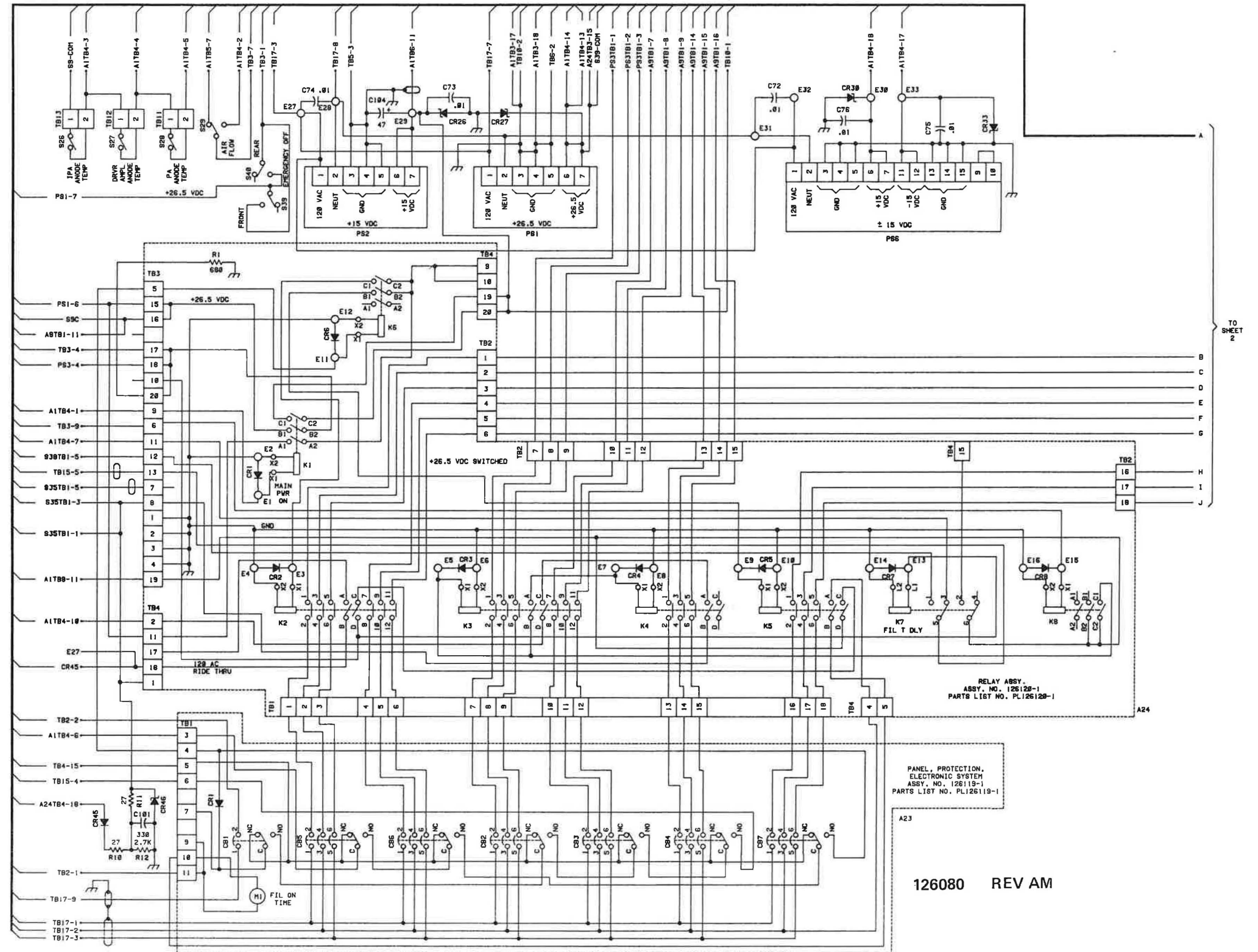
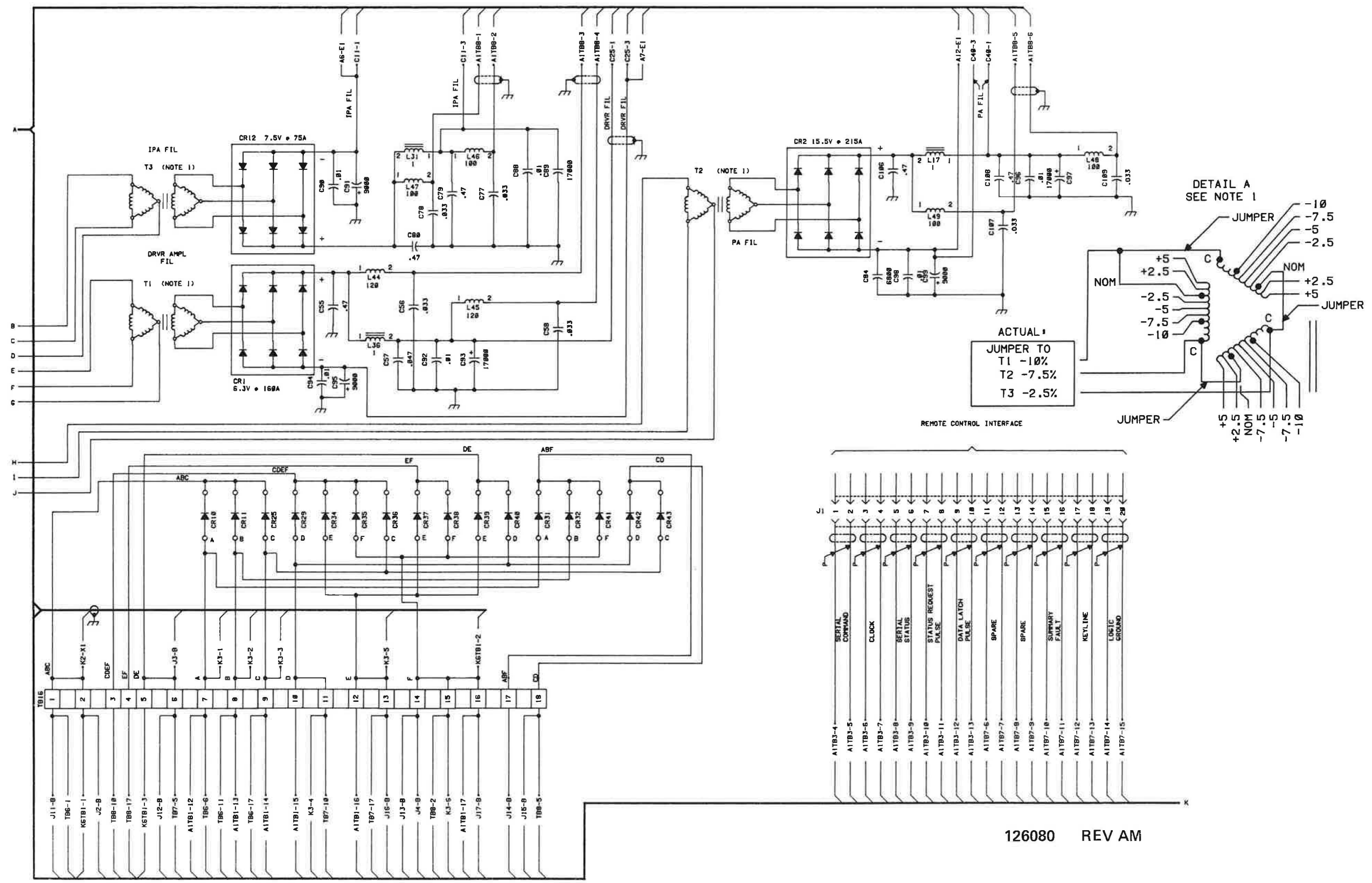


FIGURE 1-1. Transmitter Module (Sheet 1 of 12)



126080 REV AM

FIGURE 1-1. Transmitter Module (Sheet 2 of 12)

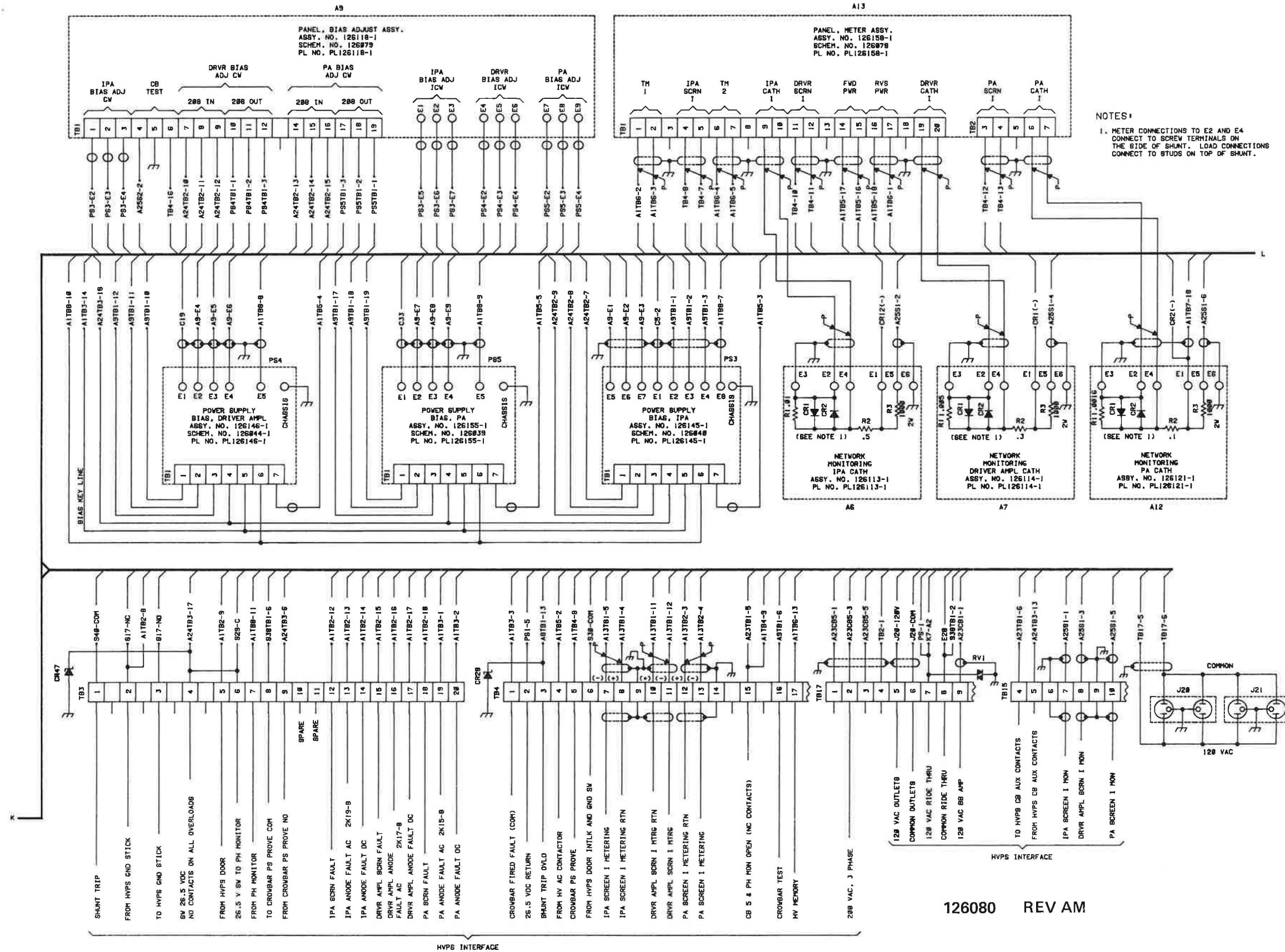


FIGURE 1-1. Transmitter Module (Sheet 3 of 12)

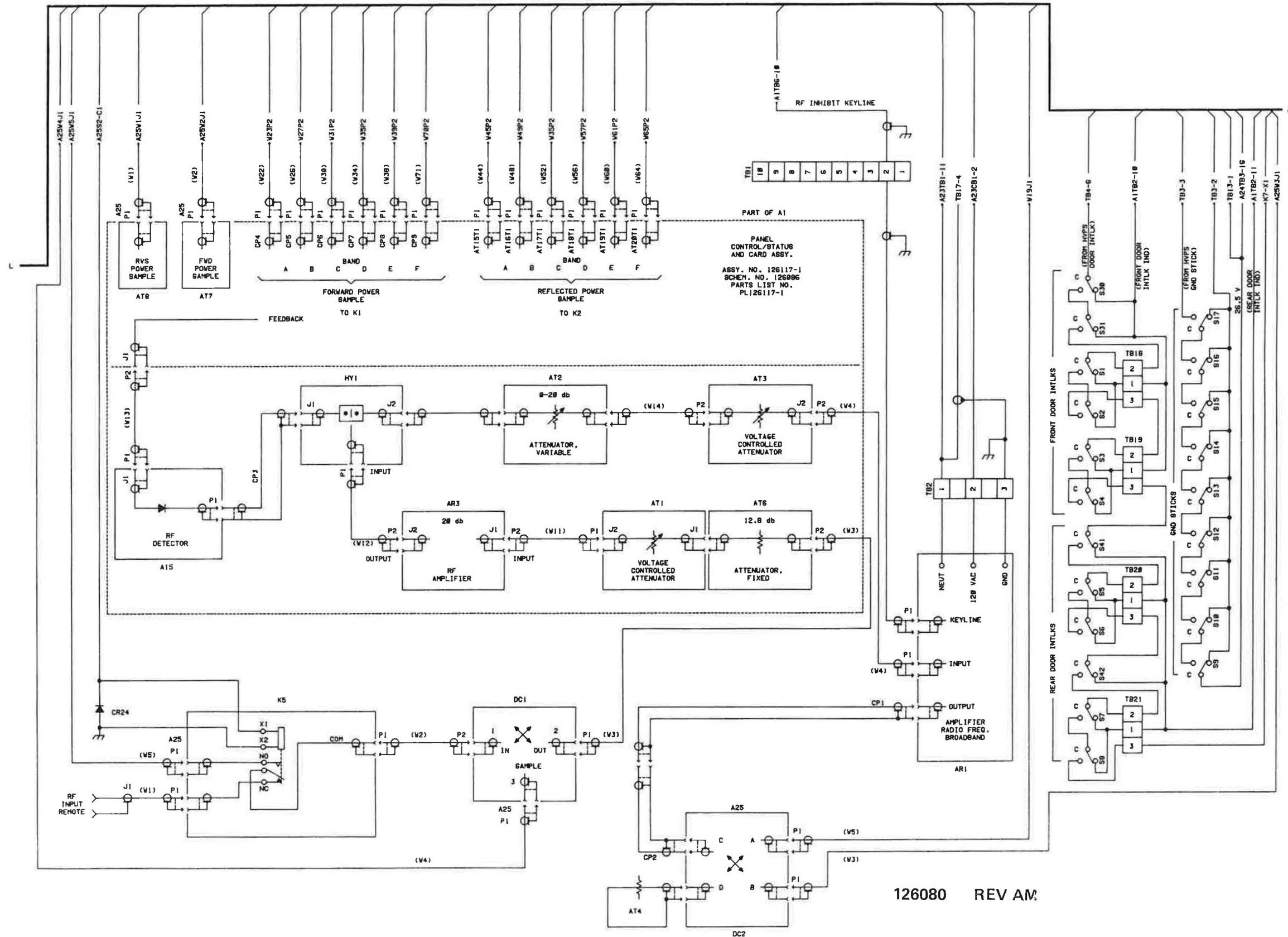


FIGURE 1-1. Transmitter Module (Sheet 4 of 12)

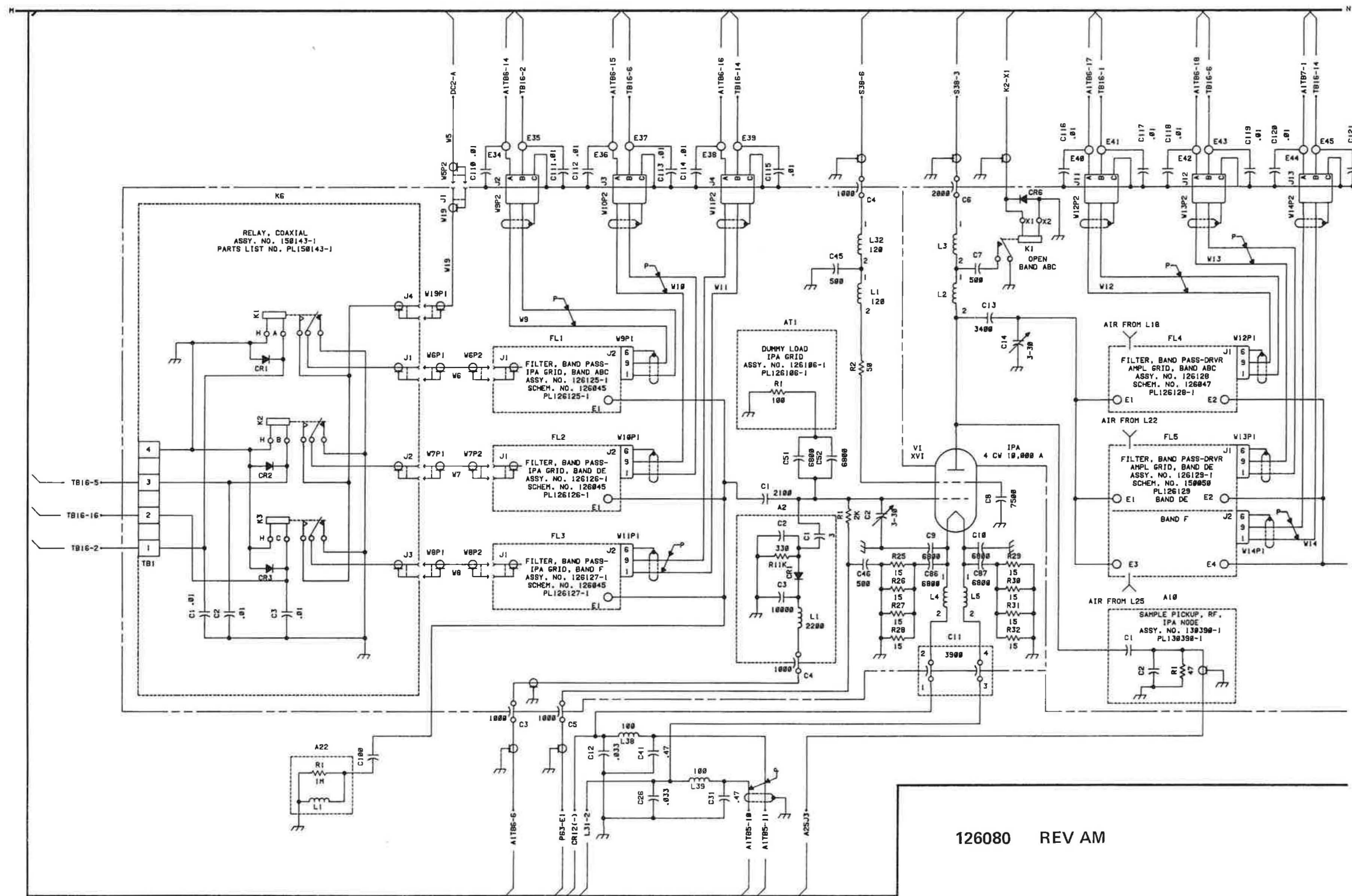
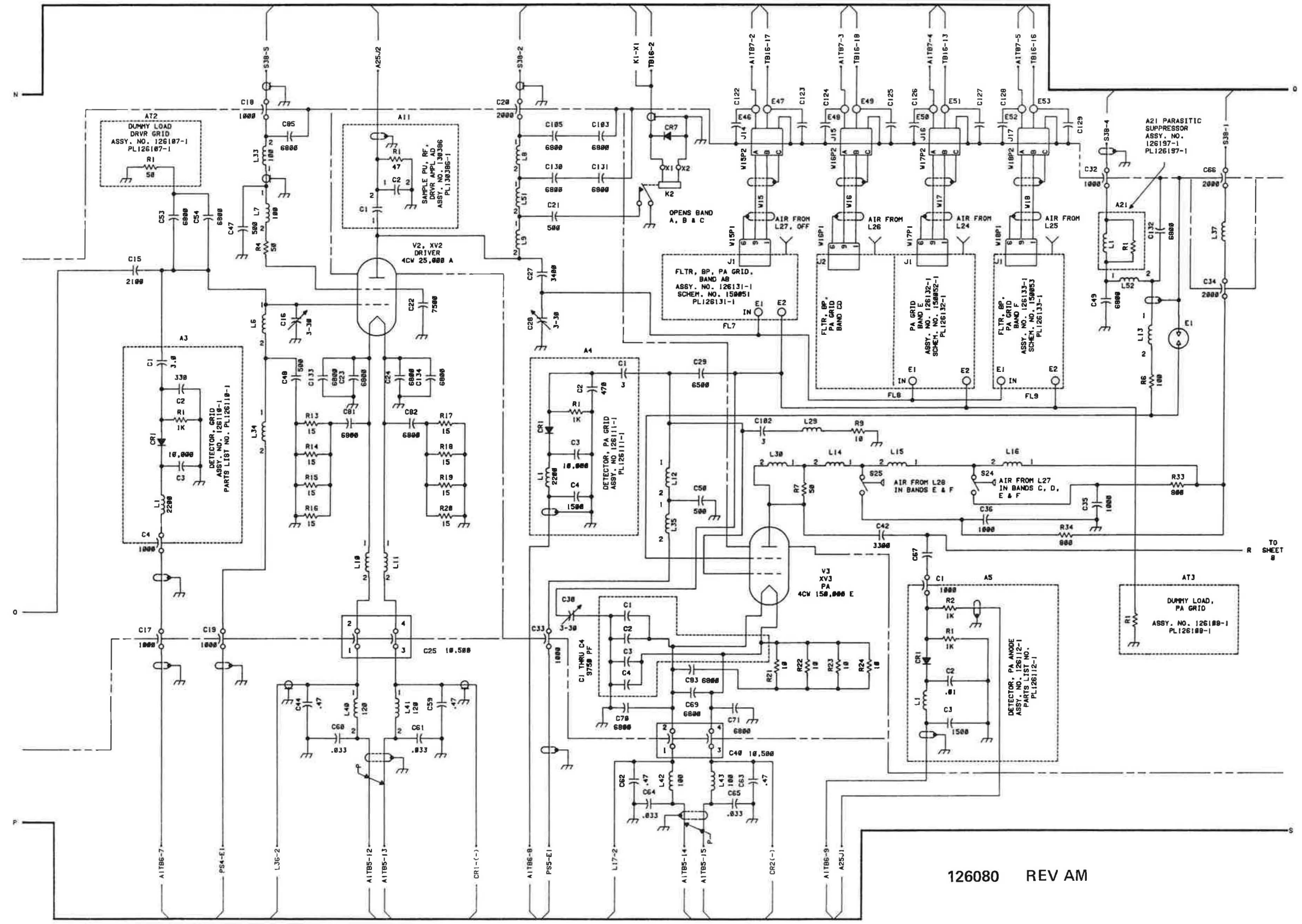


FIGURE 1-1. Transmitter Module (Sheet 5 of 12)



126080 REV AM

FIGURE 1-1. Transmitter Module (Sheet 6 of 12)

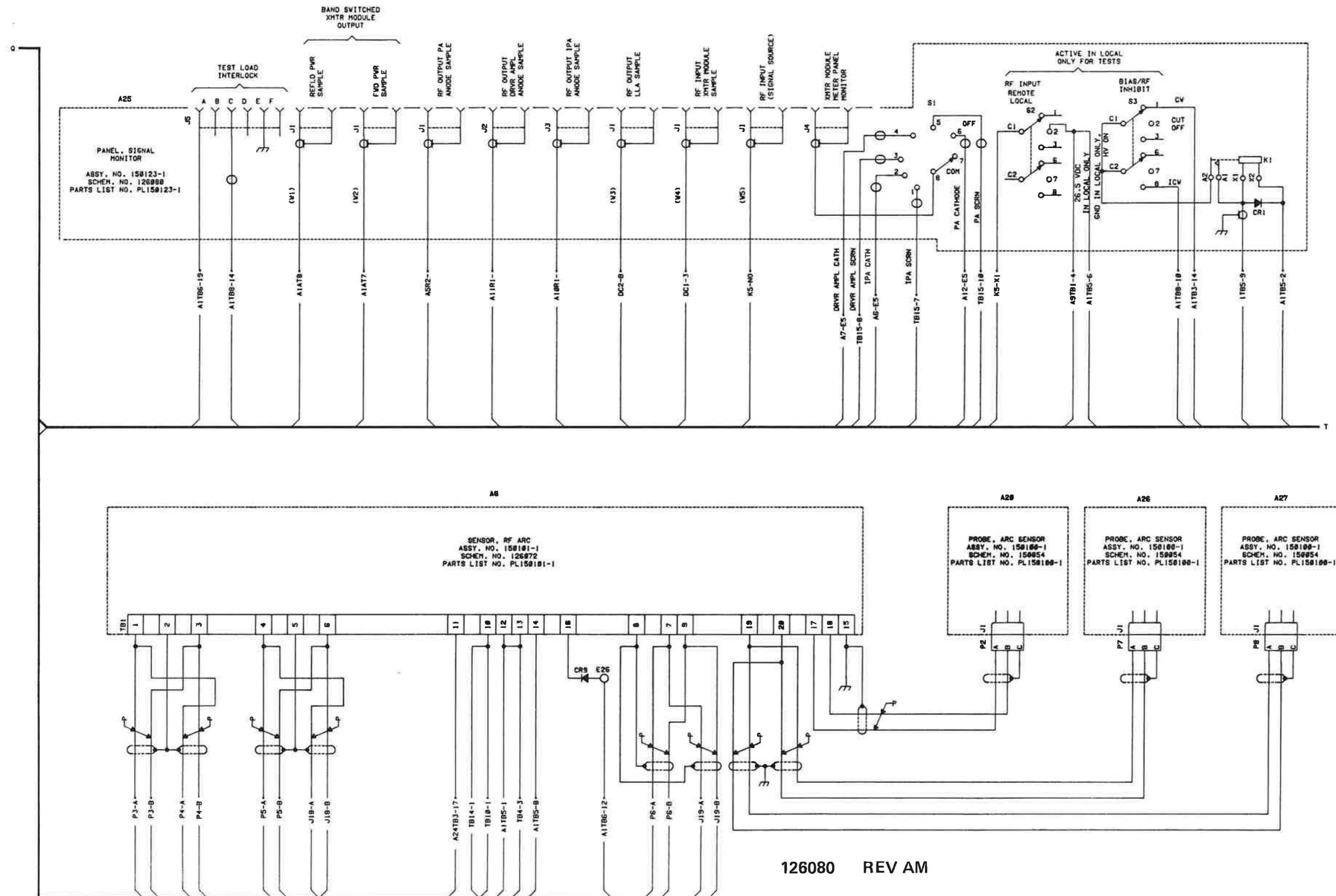
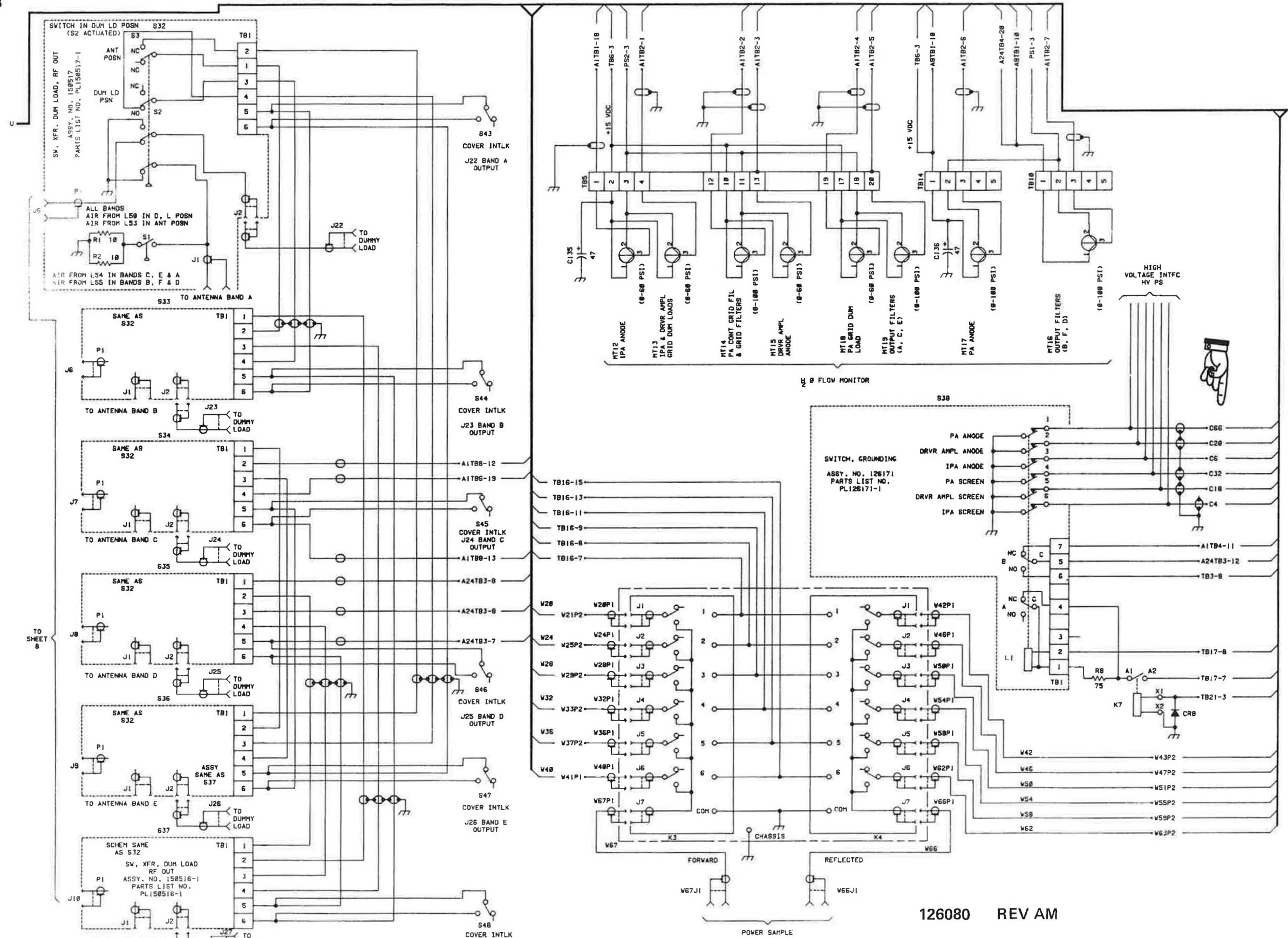


FIGURE 1-1. Transmitter Module (Sheet 7 of 12)



126080 REV AM

FIGURE 1-1. Transmitter Module (Sheet 9 of 12)

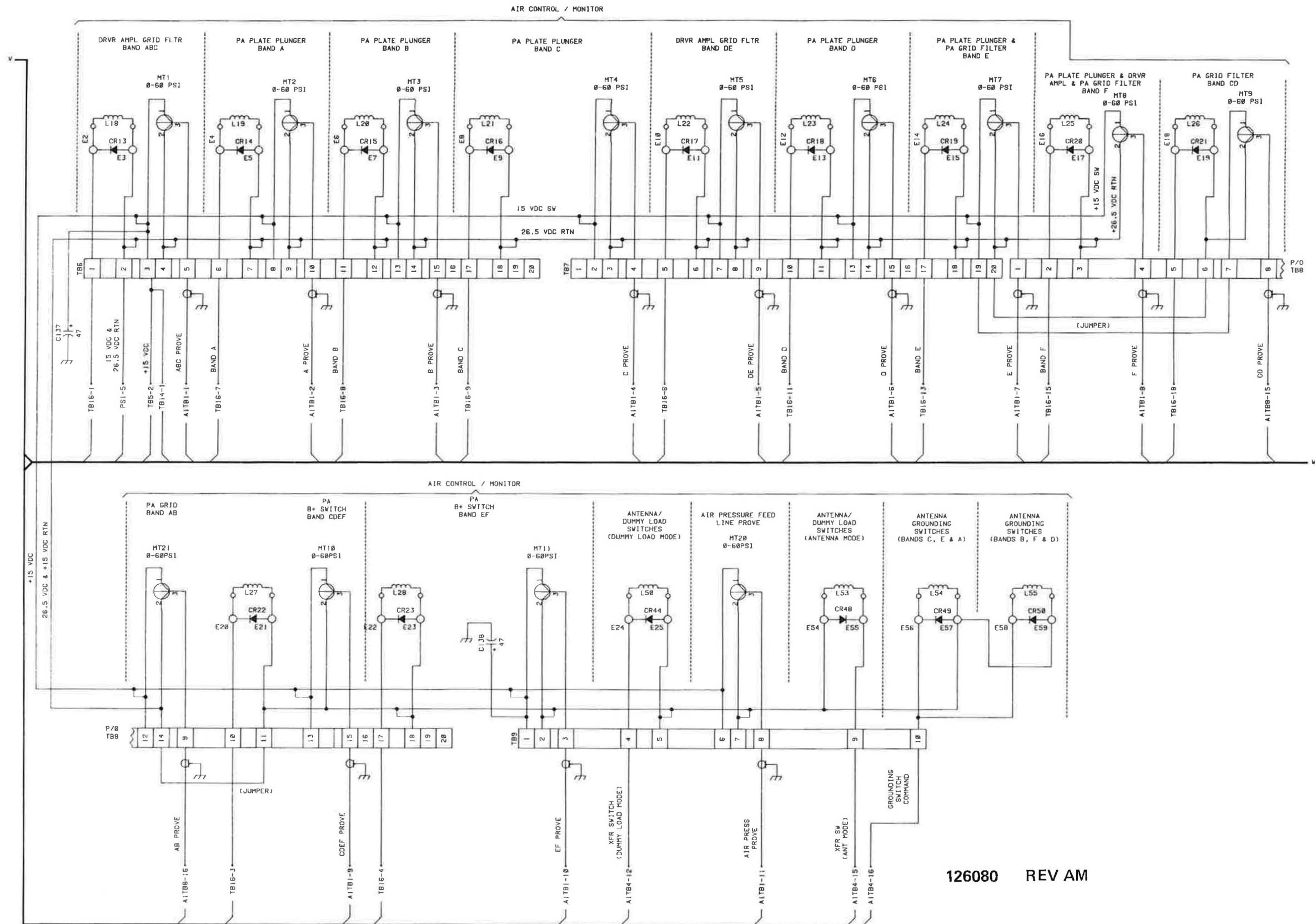
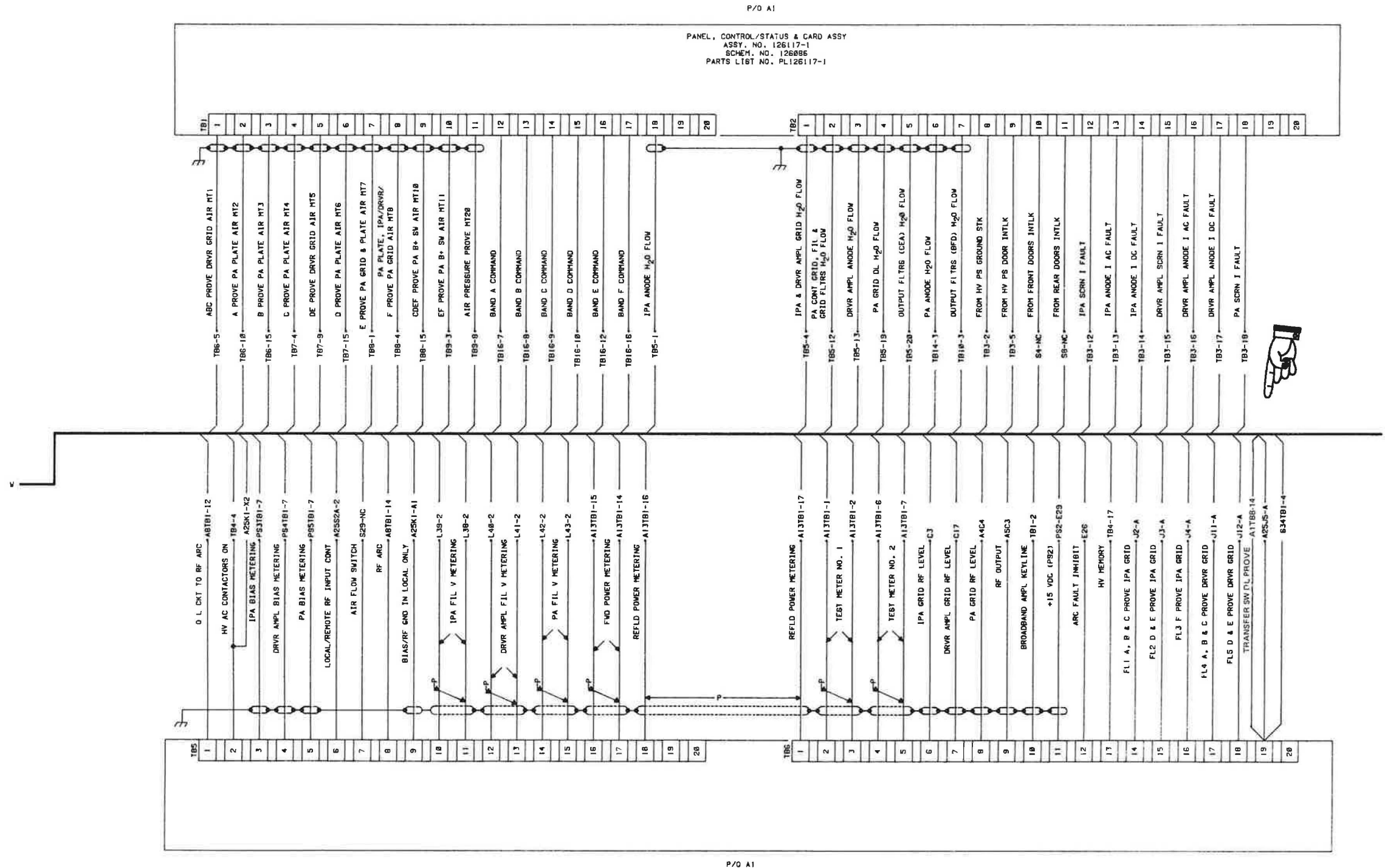


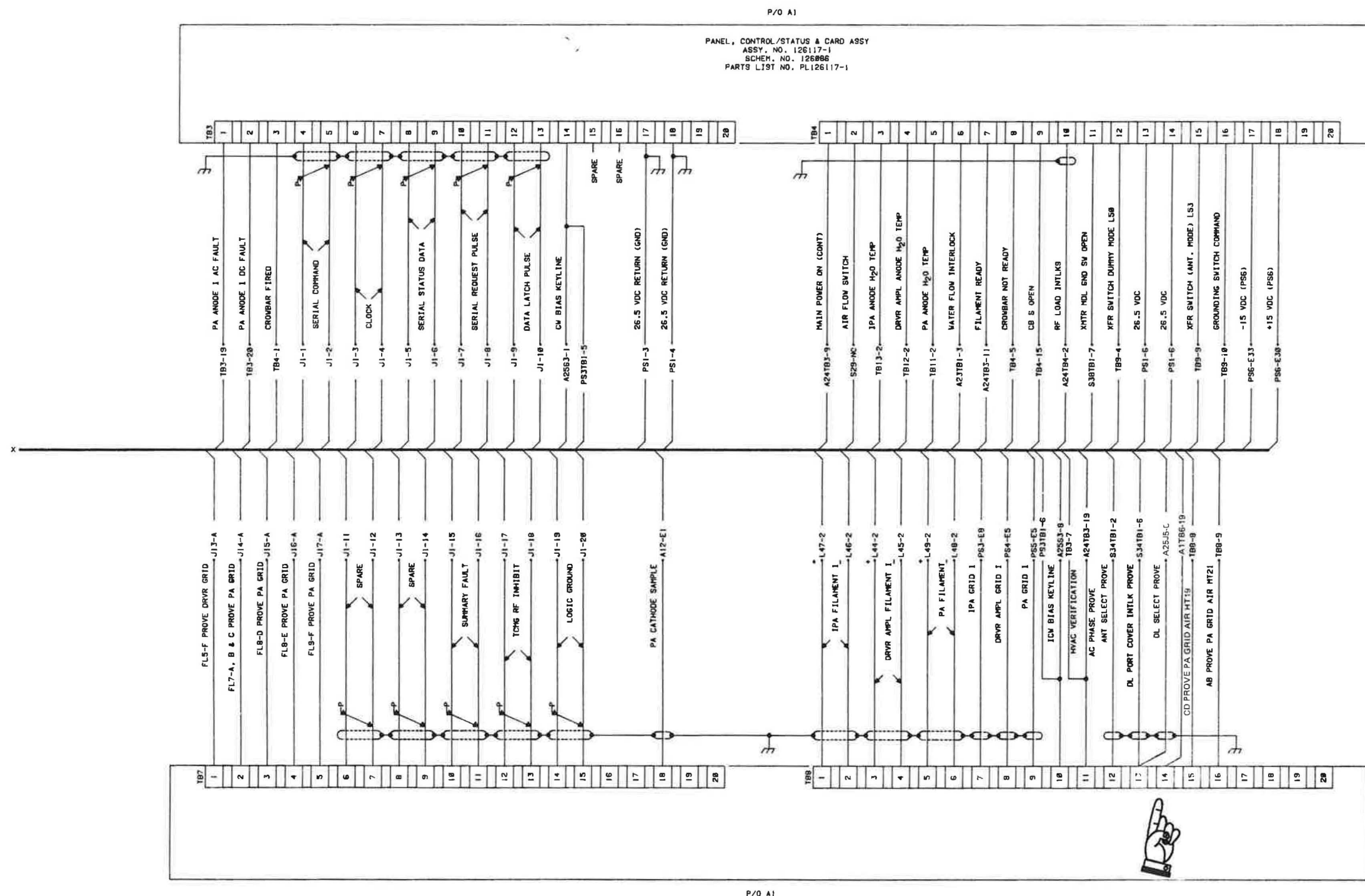
FIGURE 1-1. Transmitter Module (Sheet 10 of 12)



126080 REV AM

FIGURE 1-1. Transmitter Module (Sheet 11 of 12)

1-12 Change 1



126080 REV AM

FIGURE 1-1. Transmitter Module (Sheet 12 of 12)

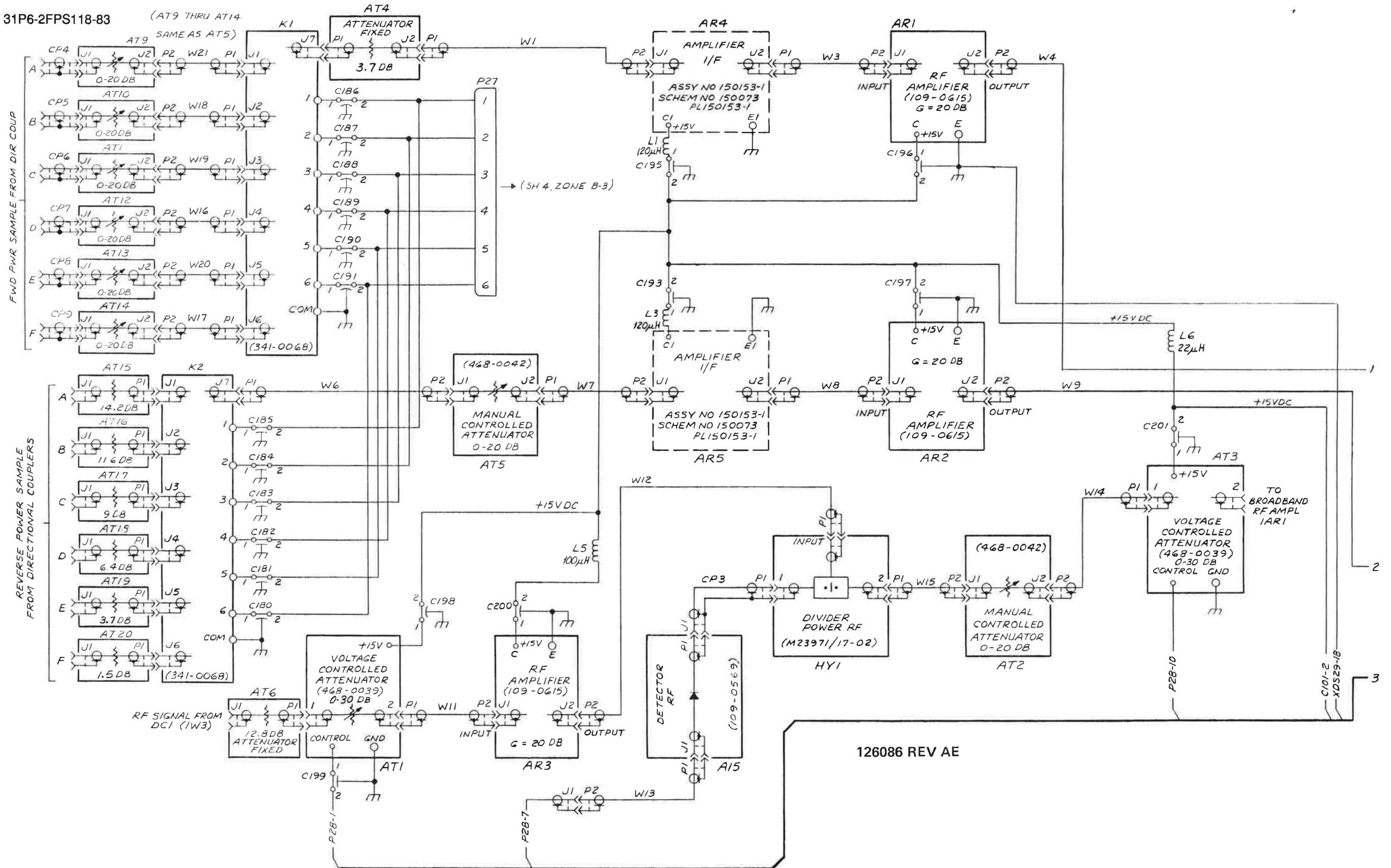
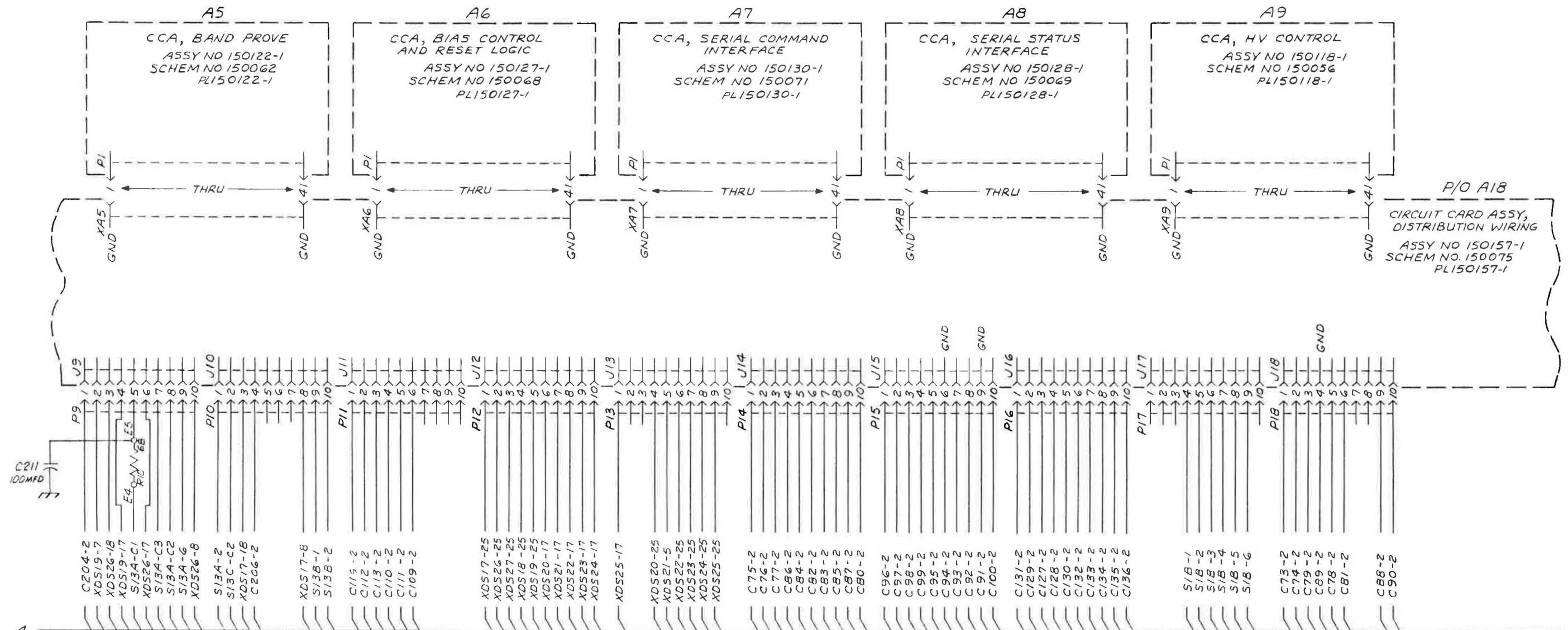
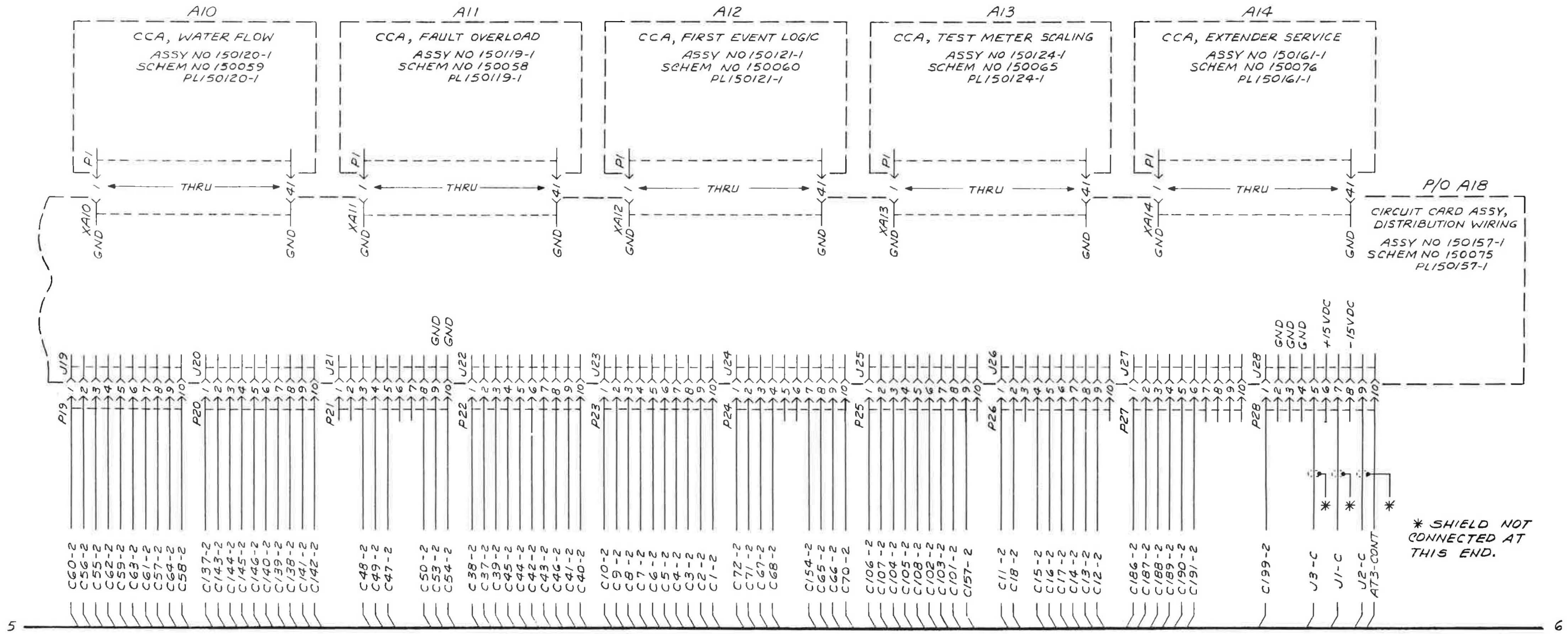


FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 1 of 9)



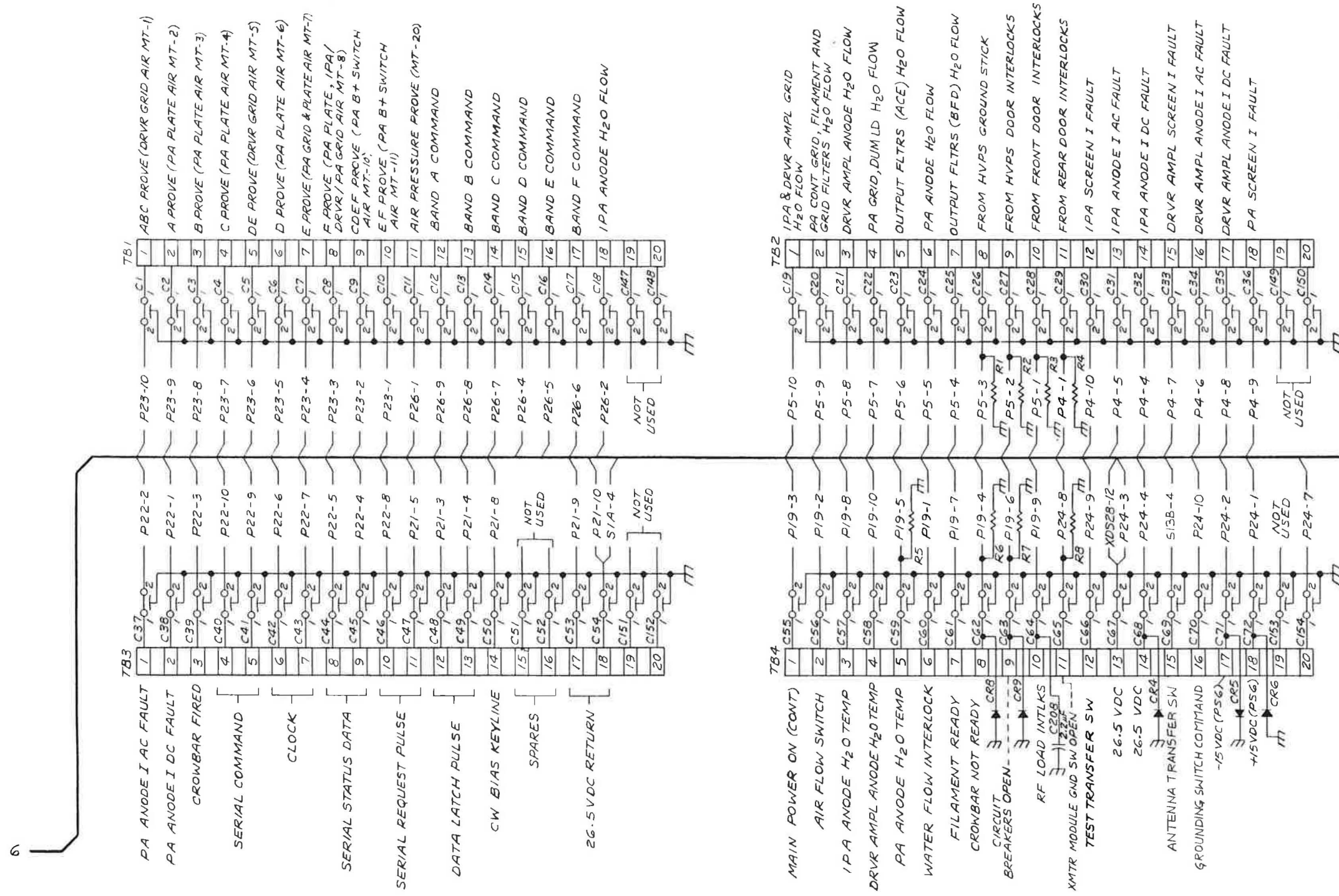
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 3 of 9)



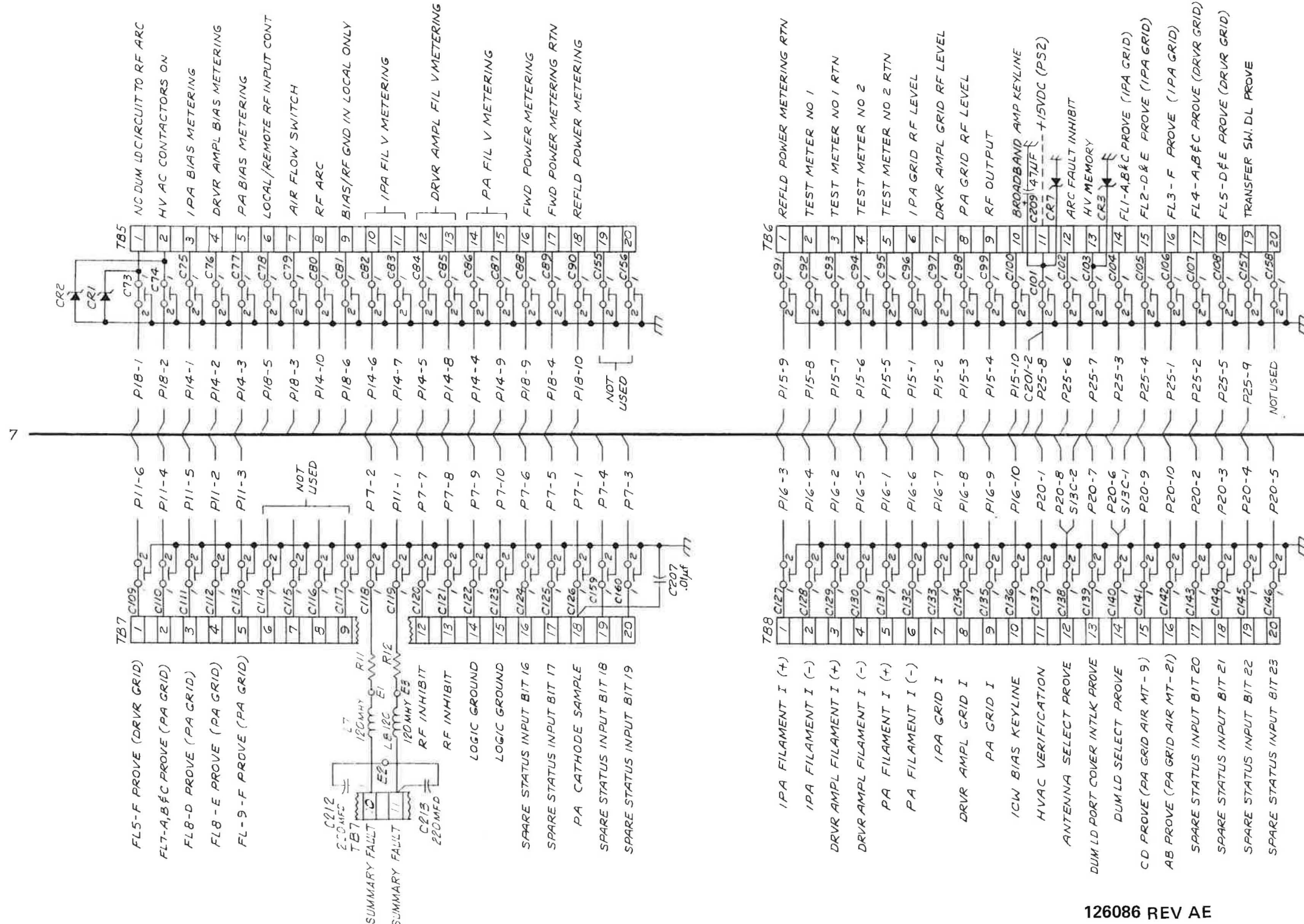
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 4 of 9)



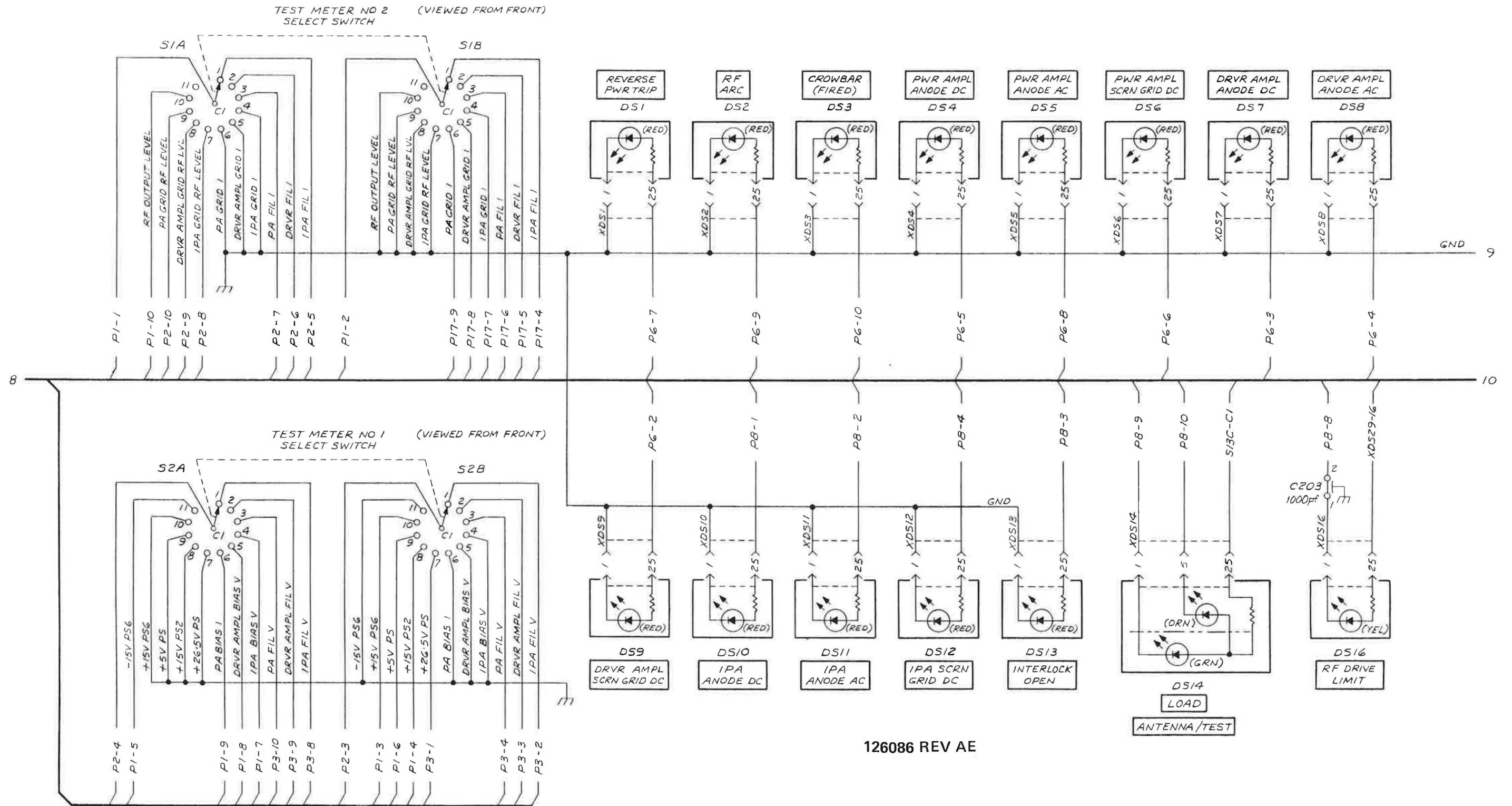
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 5 of 9)



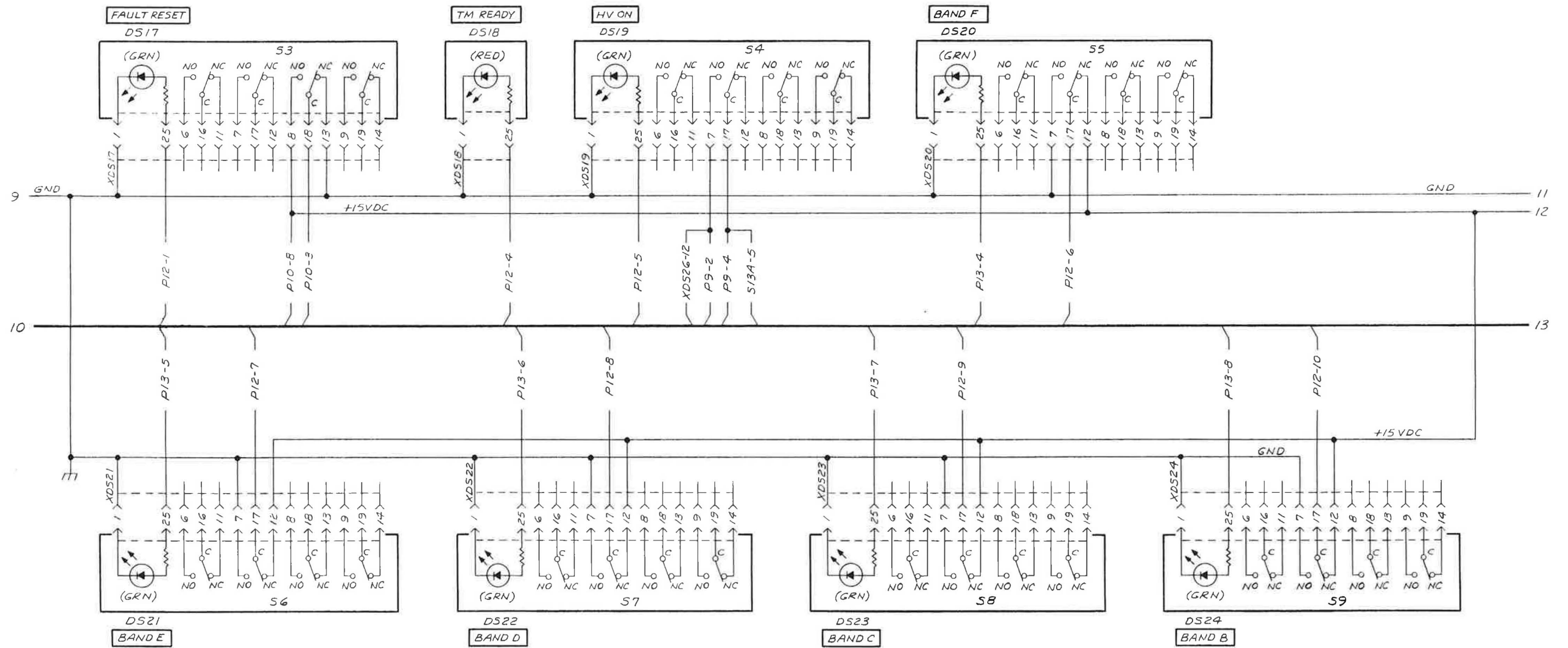
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 6 of 9)



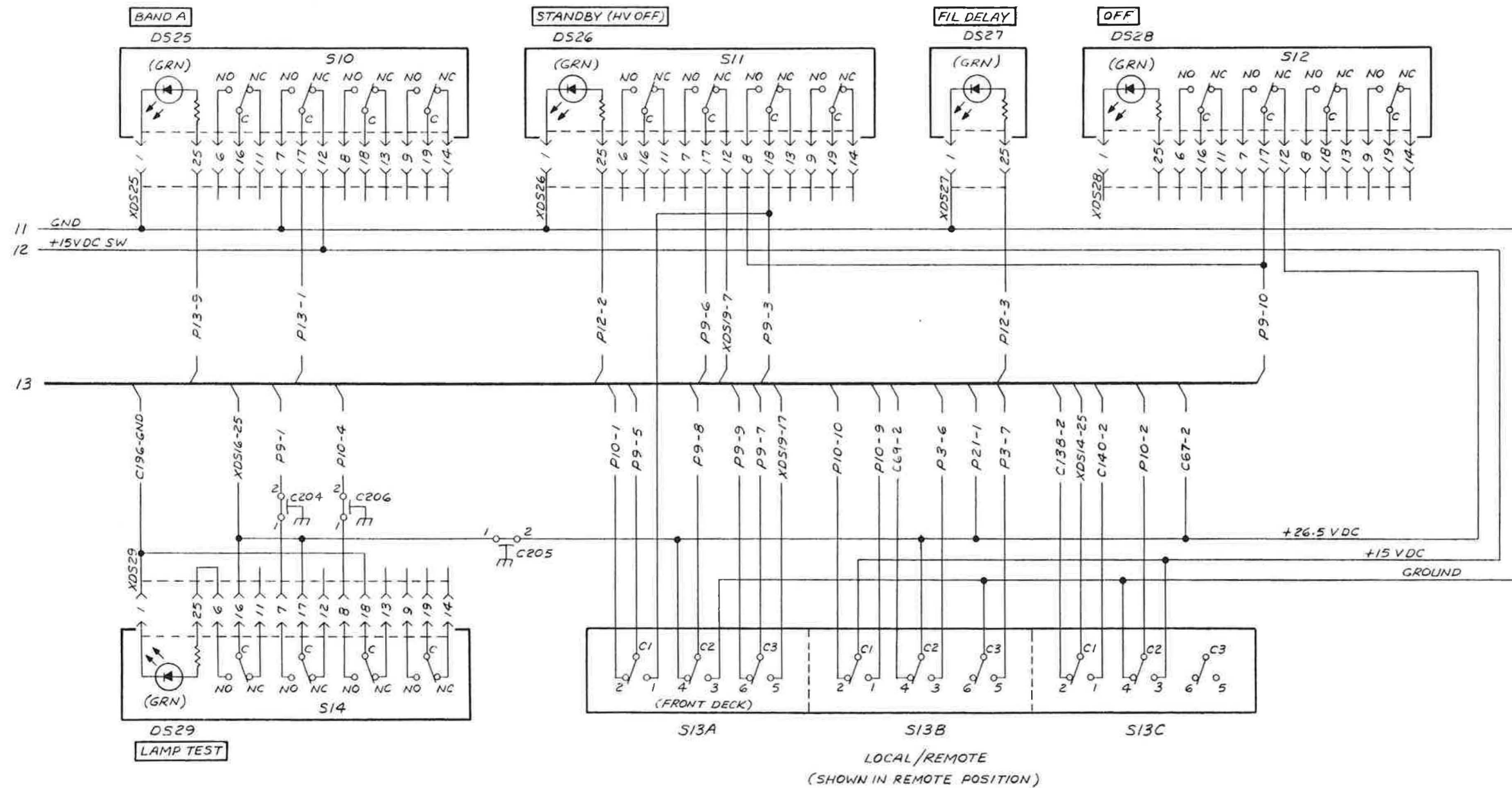
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 7 of 9)



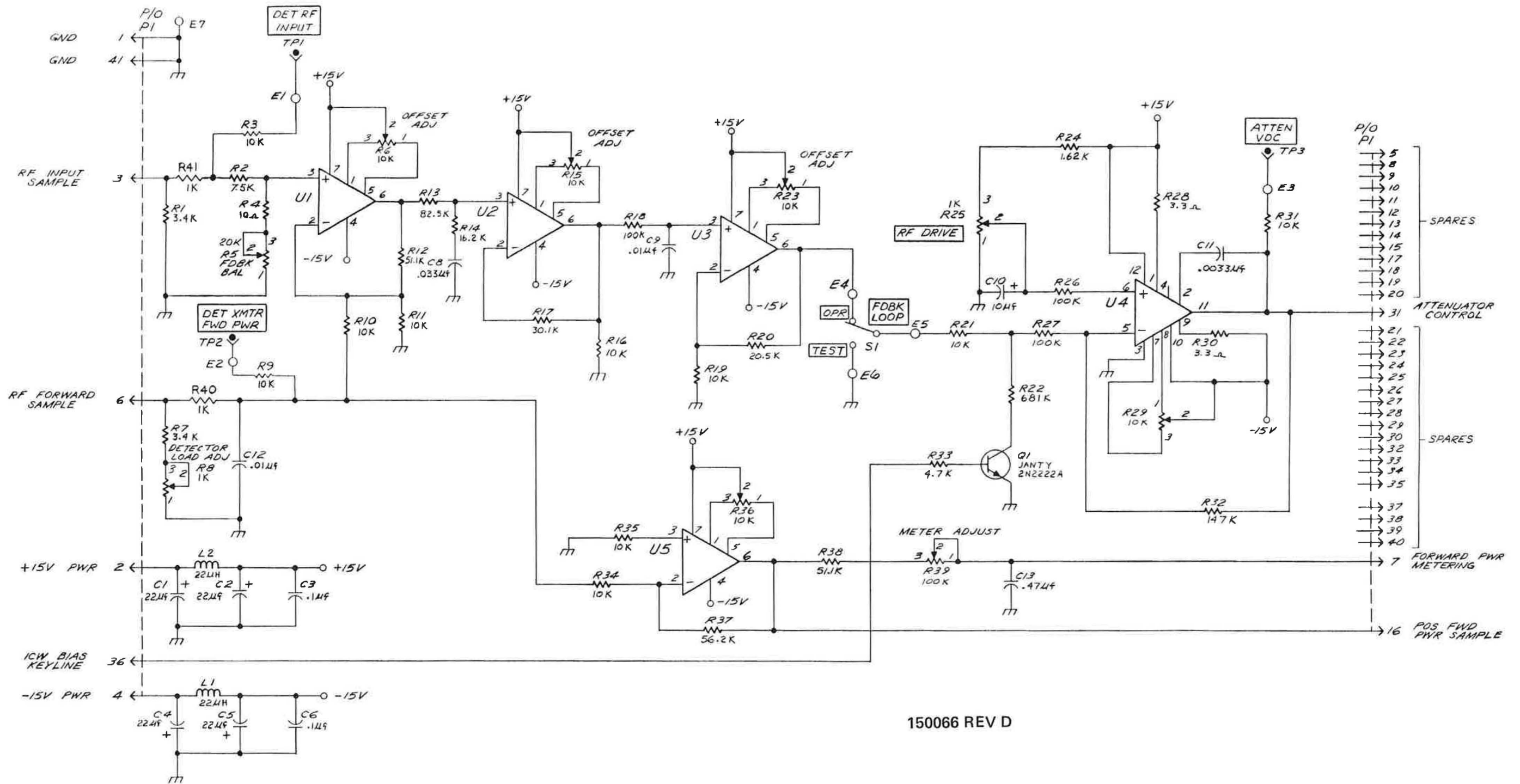
126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 8 of 9)



126086 REV AE

FIGURE 1-2. Panel, Control/Status and Card Assembly, 1A1 (Sheet 9 of 9)



150066 REV D

FIGURE 1-3. RF Feedback Control Card Assembly, 1A1A1

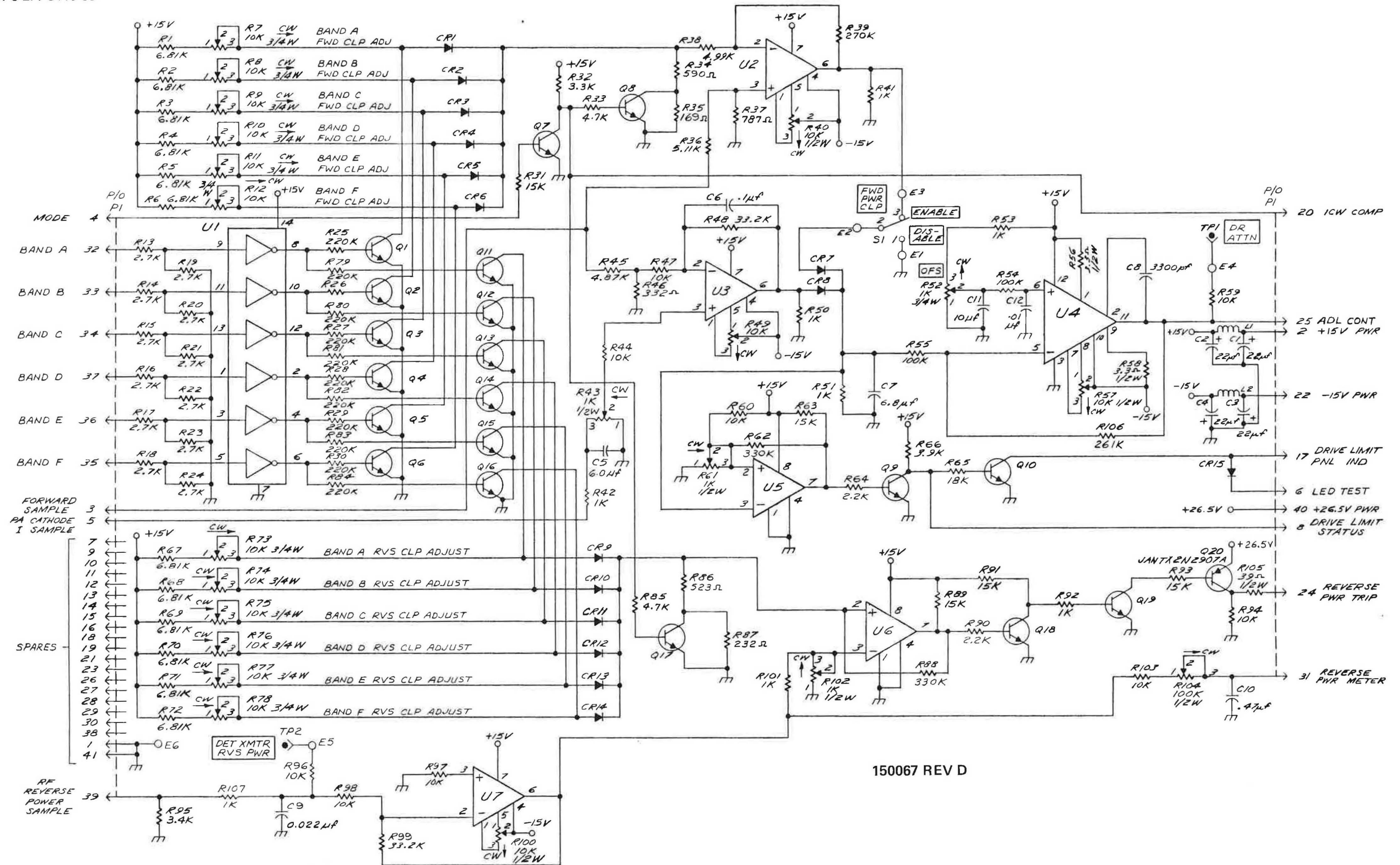
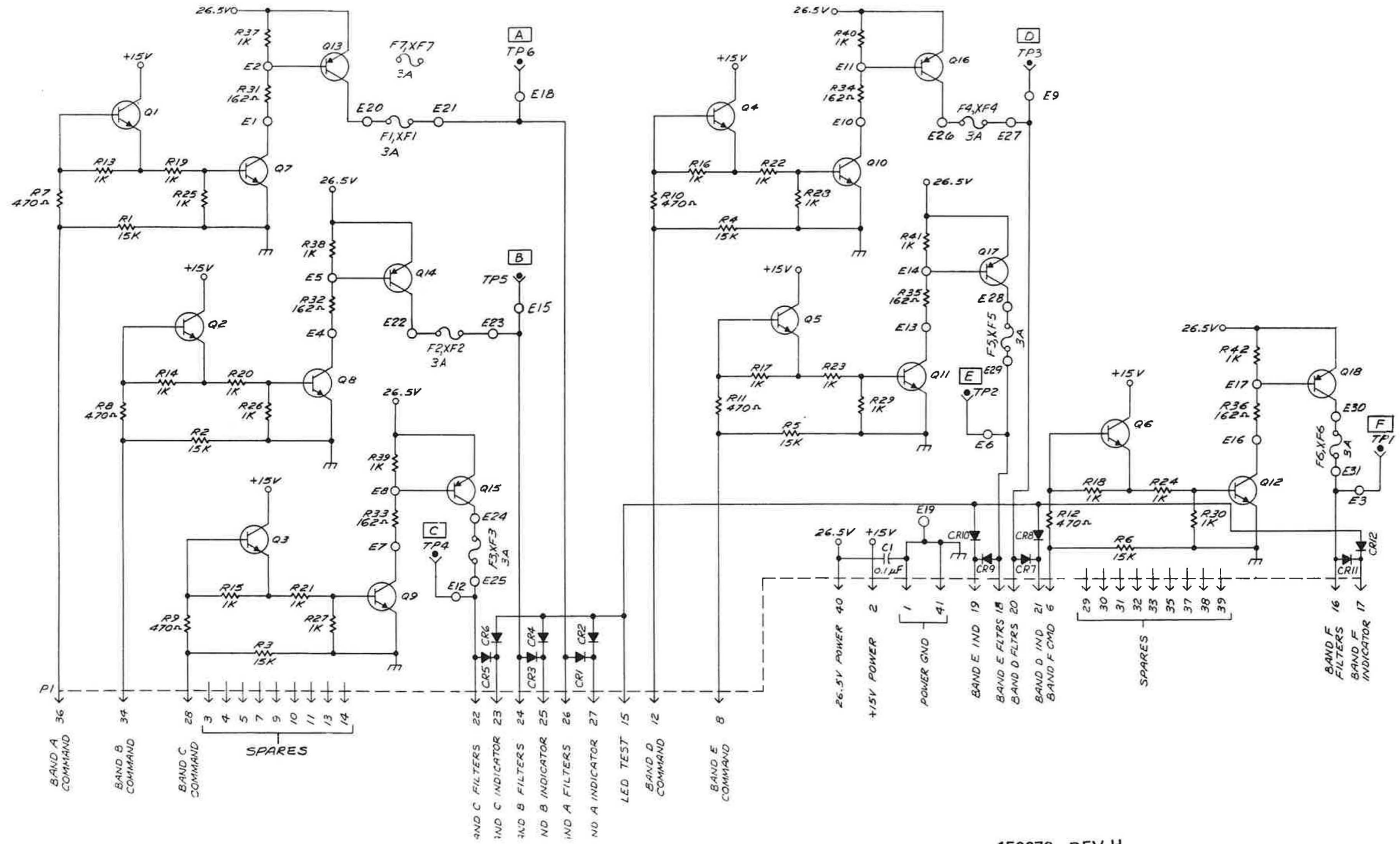
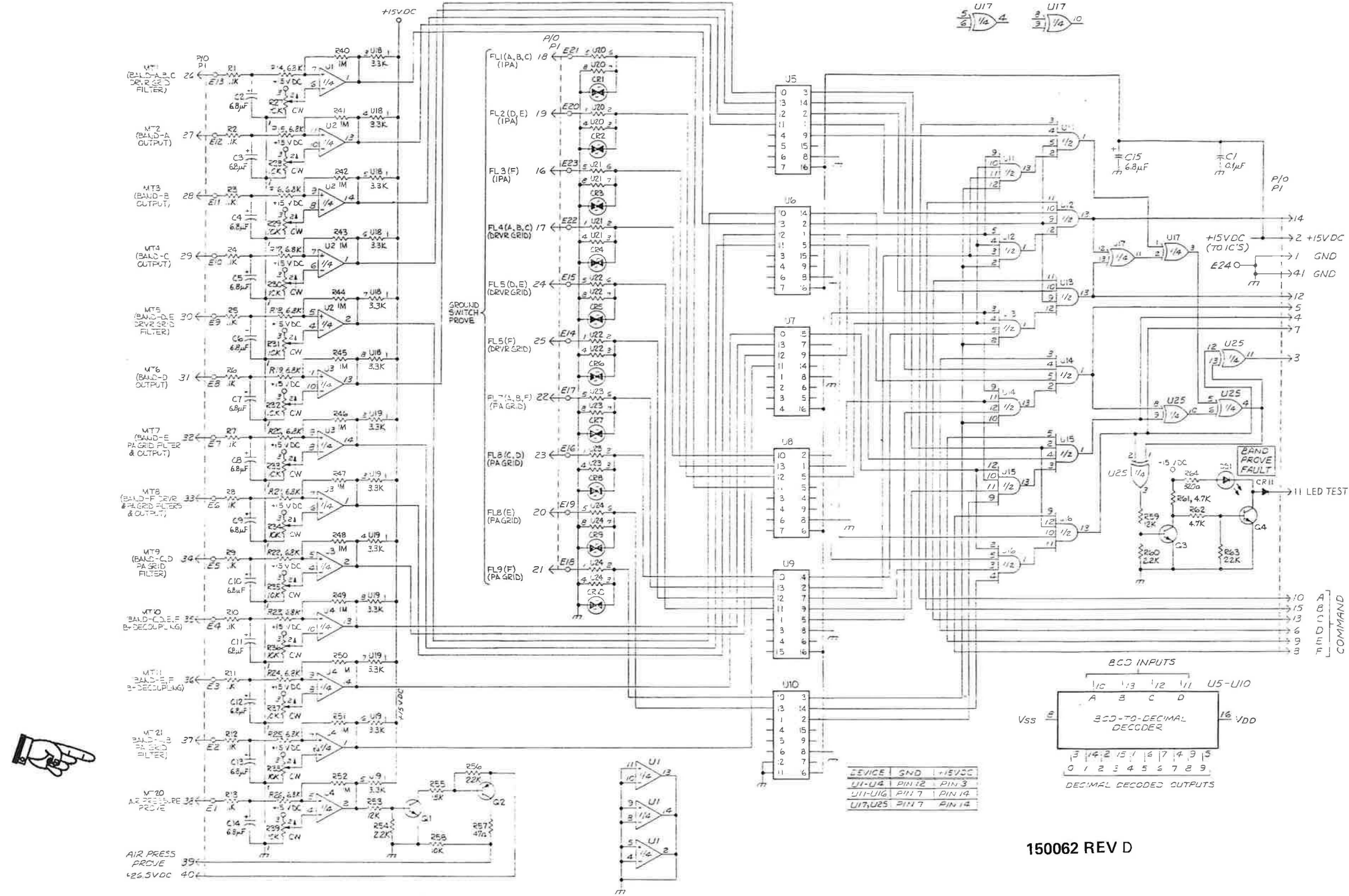


FIGURE 1-4. Signal Monitor Circuit Card Assembly, 1A1A2



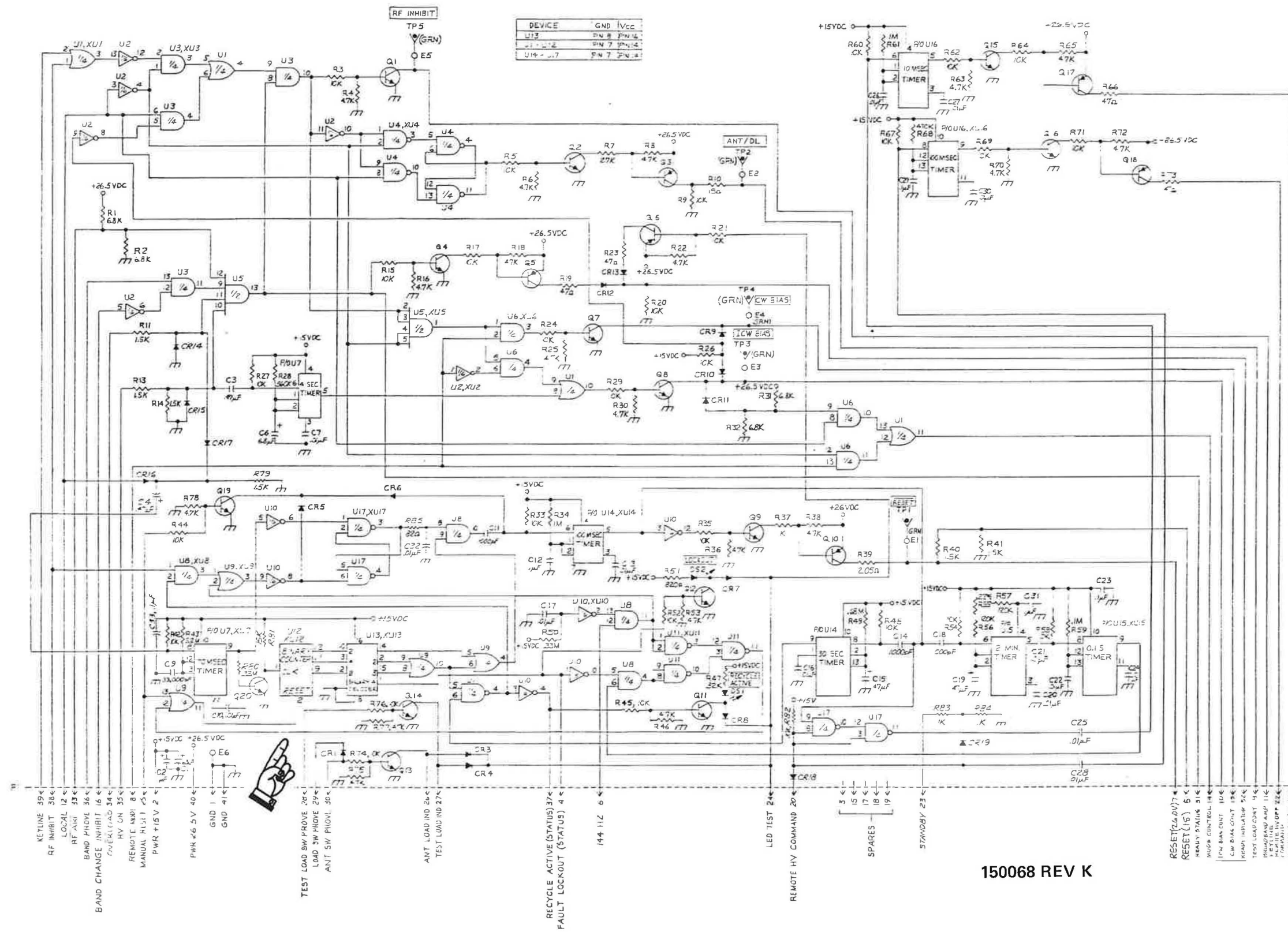
150072 REV H

FIGURE 1-5. Band Filter Driver, 1A1A3



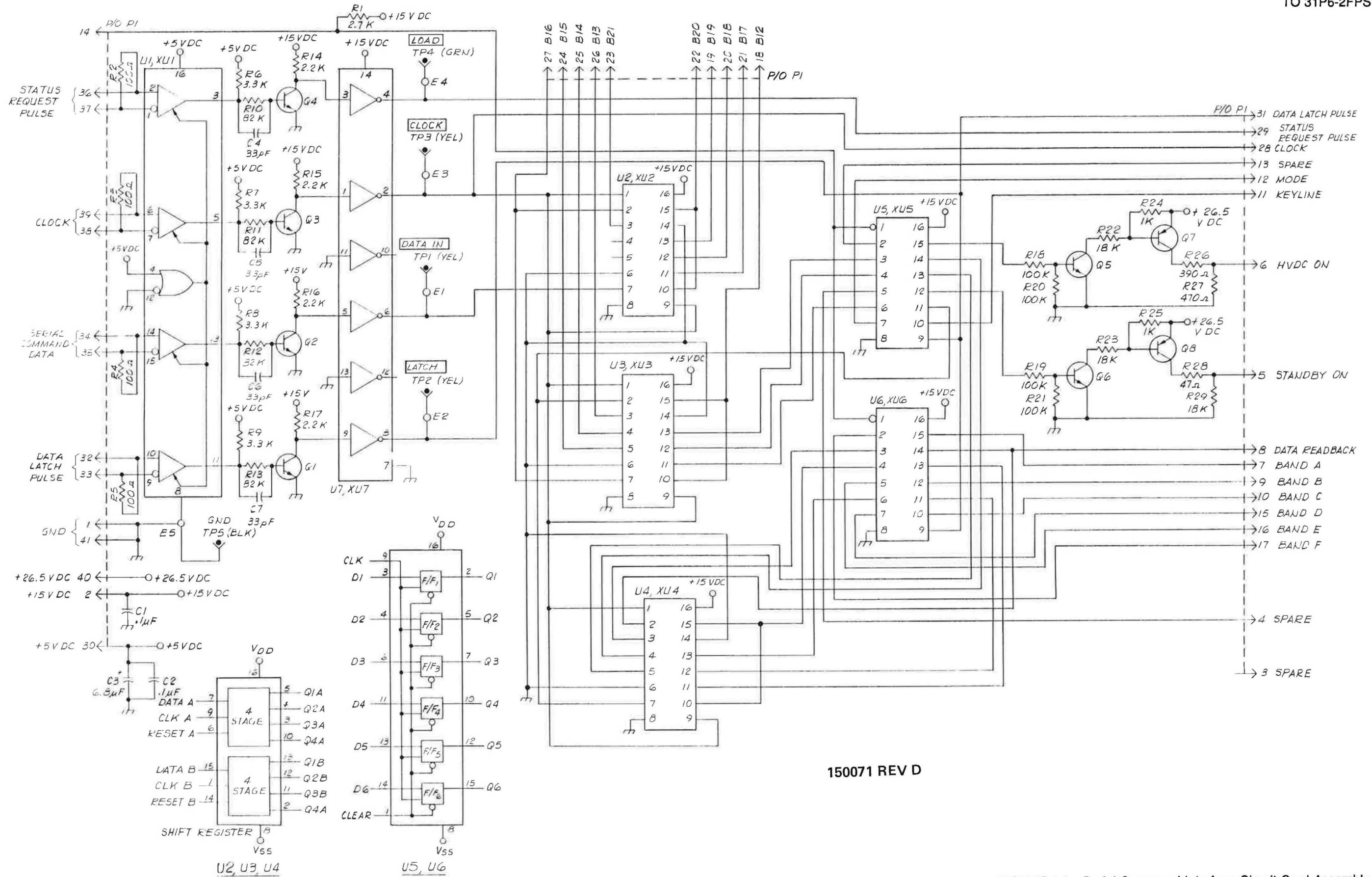
150062 REV D

FIGURE 1-7. Band Prove Circuit Card Assembly, 1A1A5



150068 REV K

FIGURE 1-8. Bias Control and Reset Logic Circuit Card Assembly, 1A1A6



150071 REV D

FIGURE 1-9. Serial Command Interface Circuit Card Assembly, 1A1A7

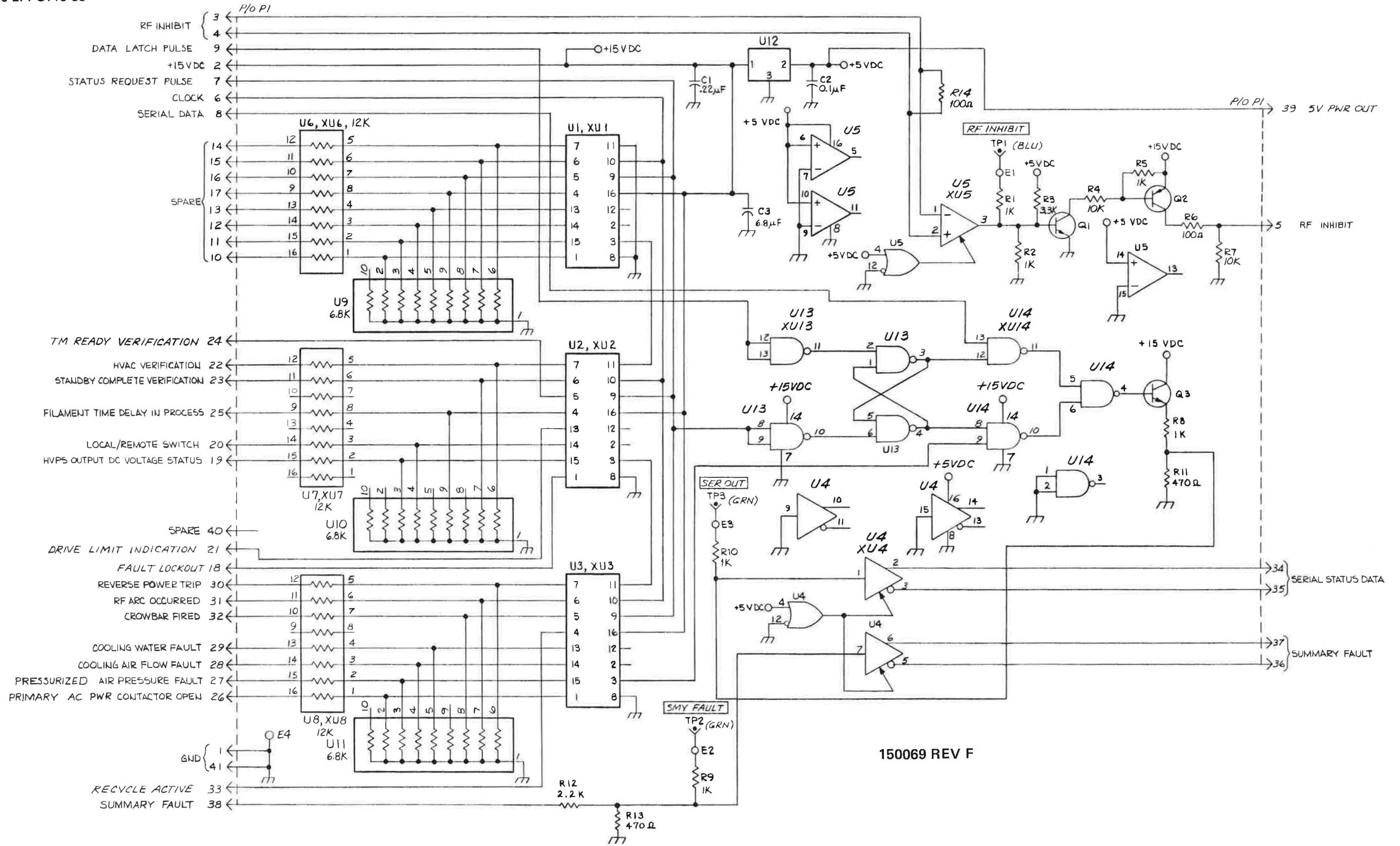
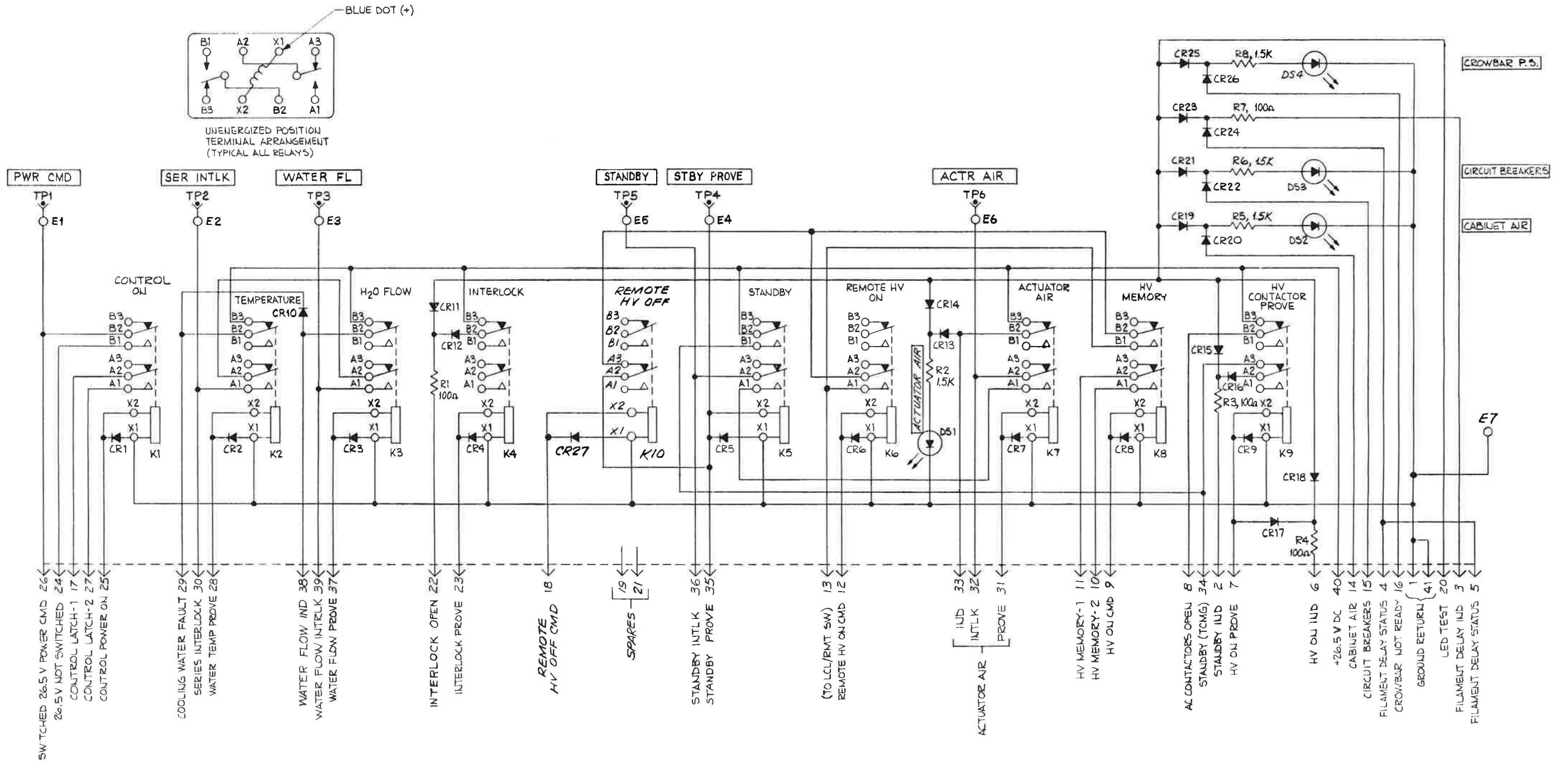
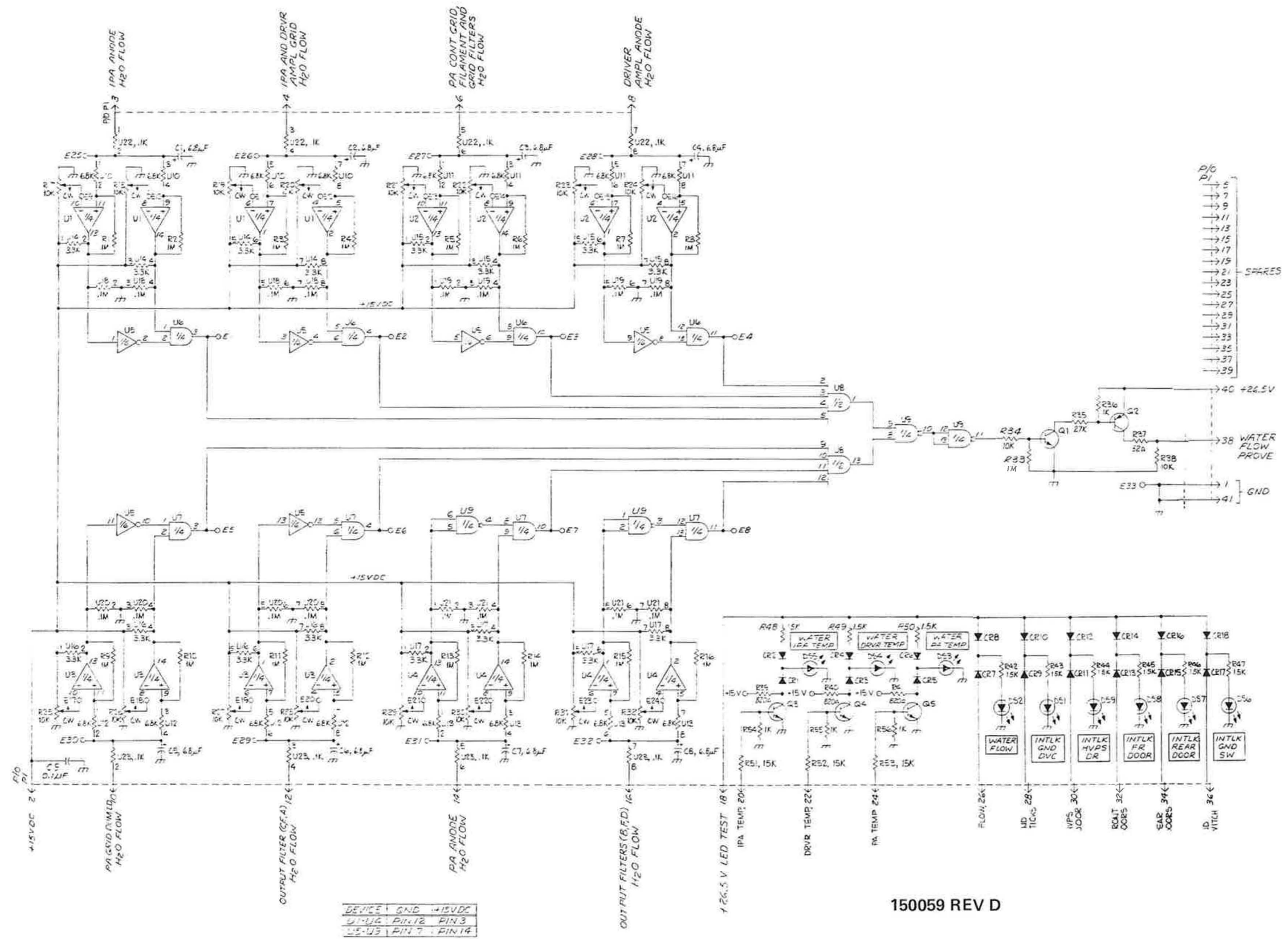


FIGURE 1-10. Serial Status Interface Circuit Card Assembly, 1A1A8



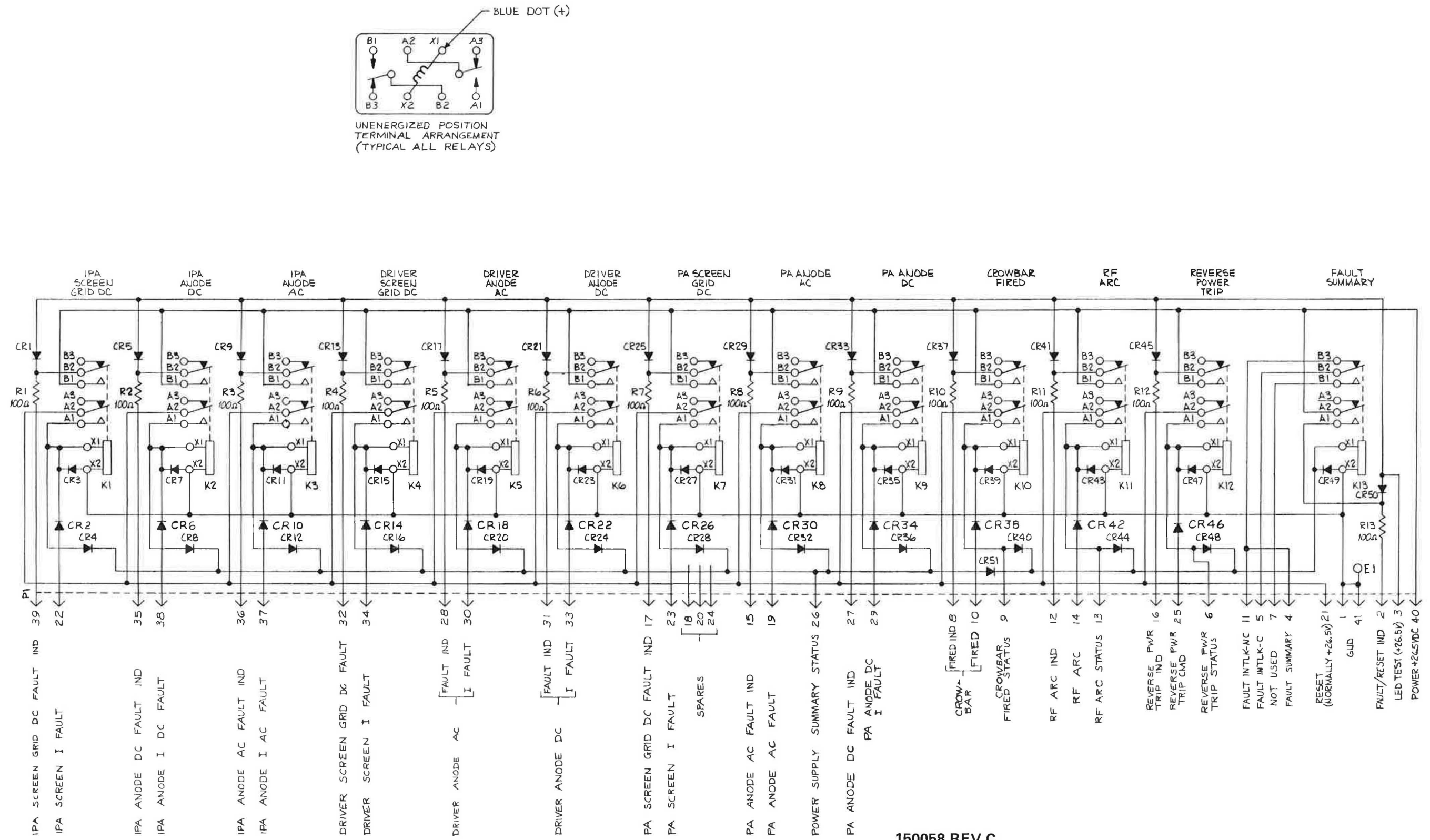
150056 REV D

FIGURE 1-11. HV Control Circuit Card Assembly, 1A1A9



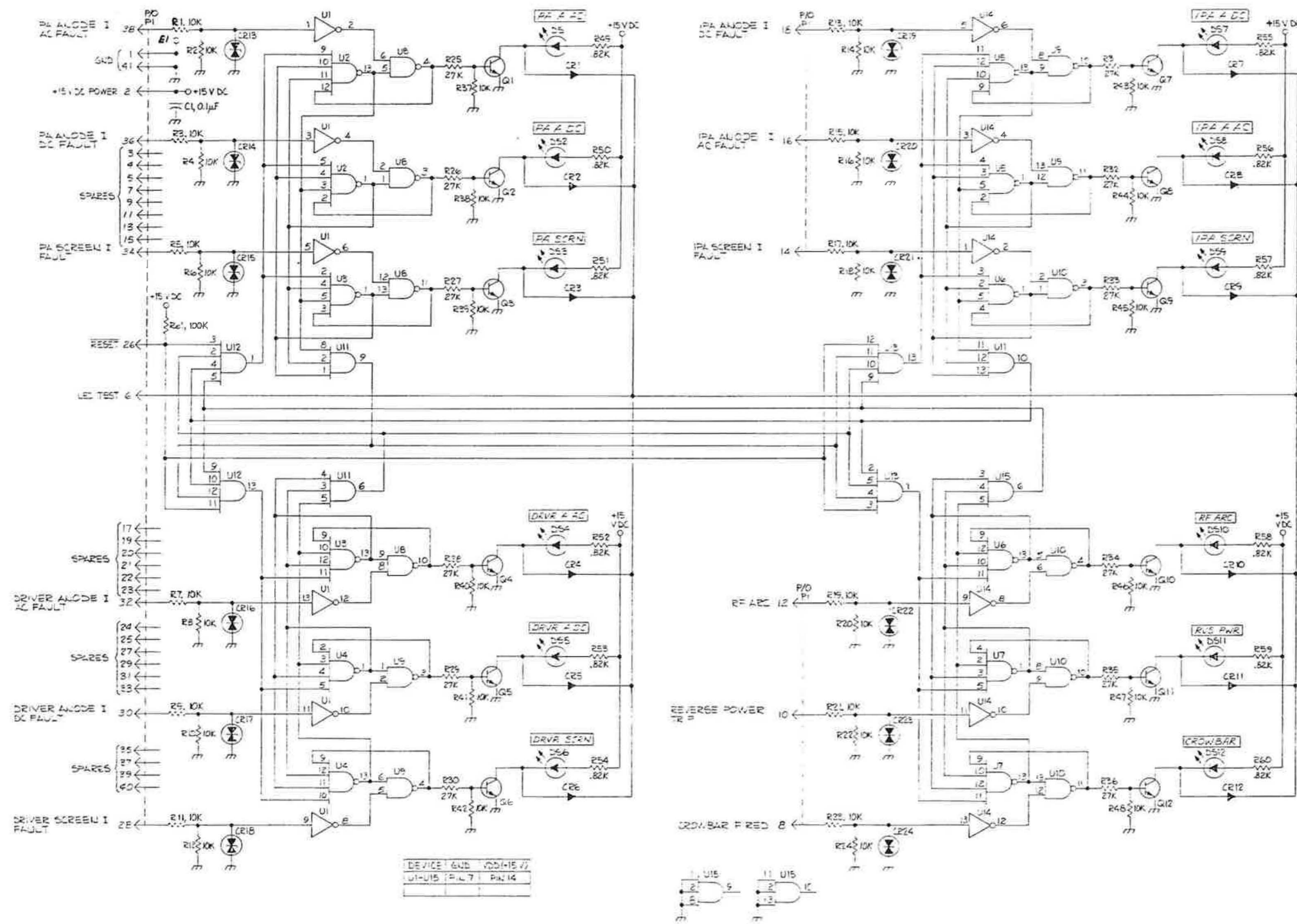
150059 REV D

FIGURE 1-12. Water Flow Circuit Card Assembly, 1A1A10



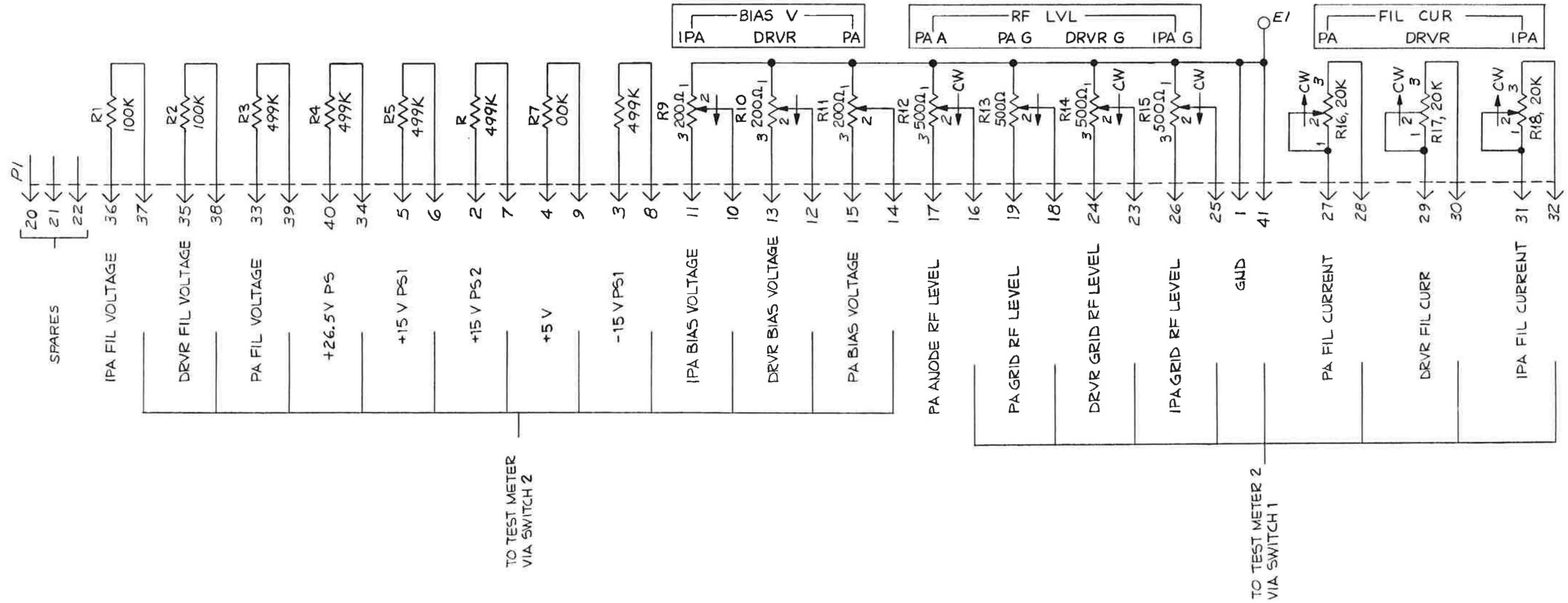
150058 REV C

FIGURE 1-13. Fault Overload Circuit Card Assembly, 1A1A11



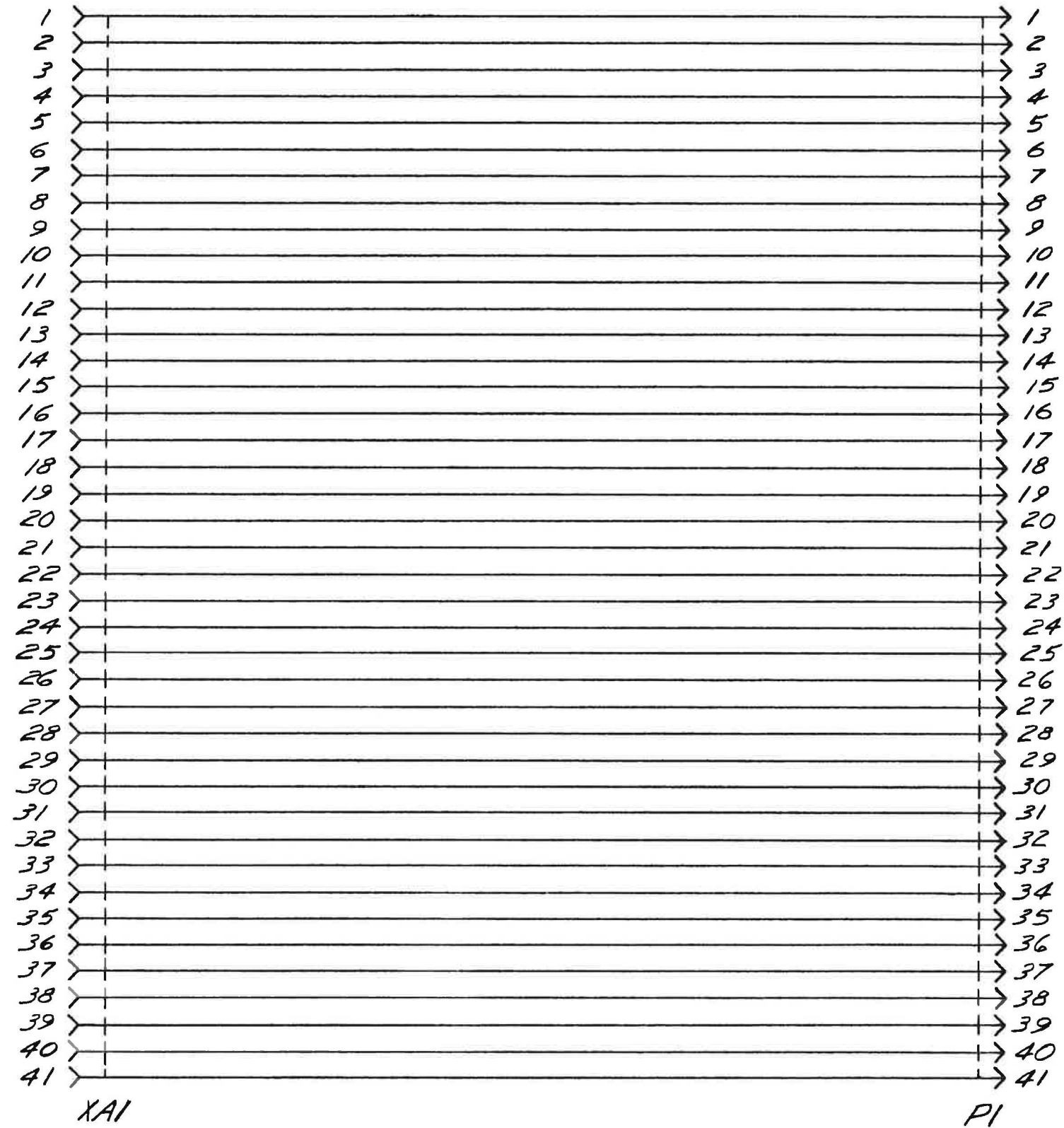
150060 REV C

FIGURE 1-14. First Event Logic Circuit Card Assembly, 1A1A12



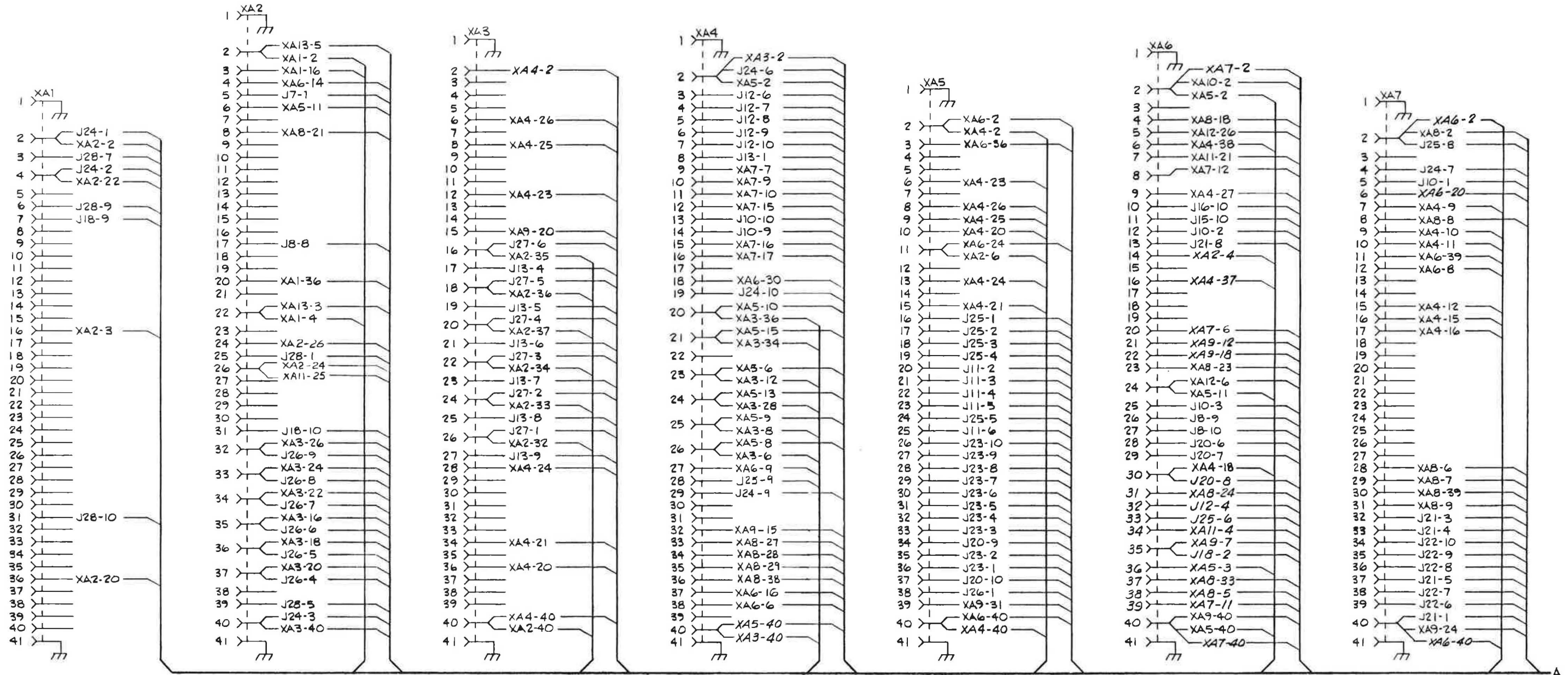
150065 REV B

FIGURE 1-15. Test Meter Scale Adjust Circuit Card Assembly, 1A1A13



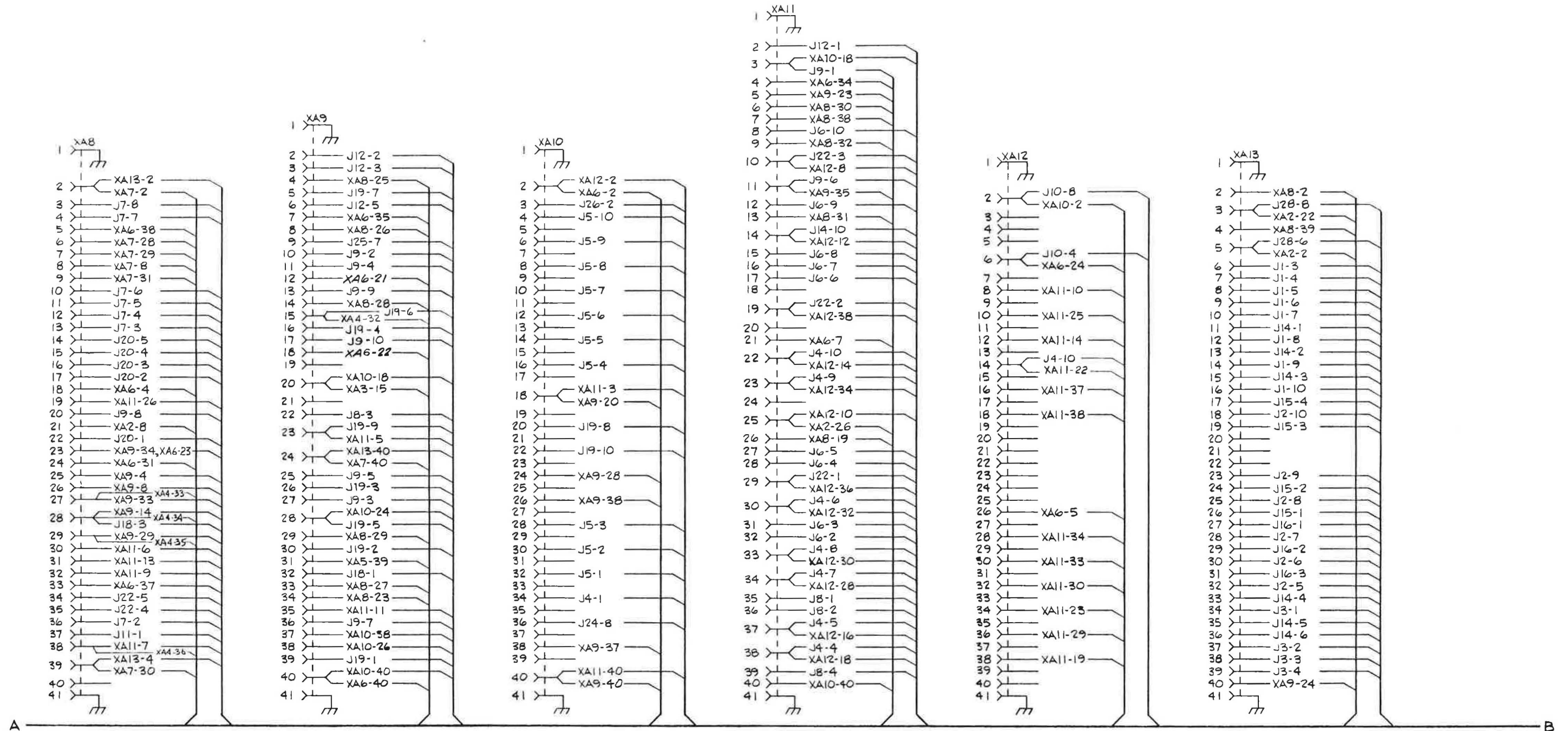
150076 REV B

FIGURE 1-16. Extender Service, 1A1A14



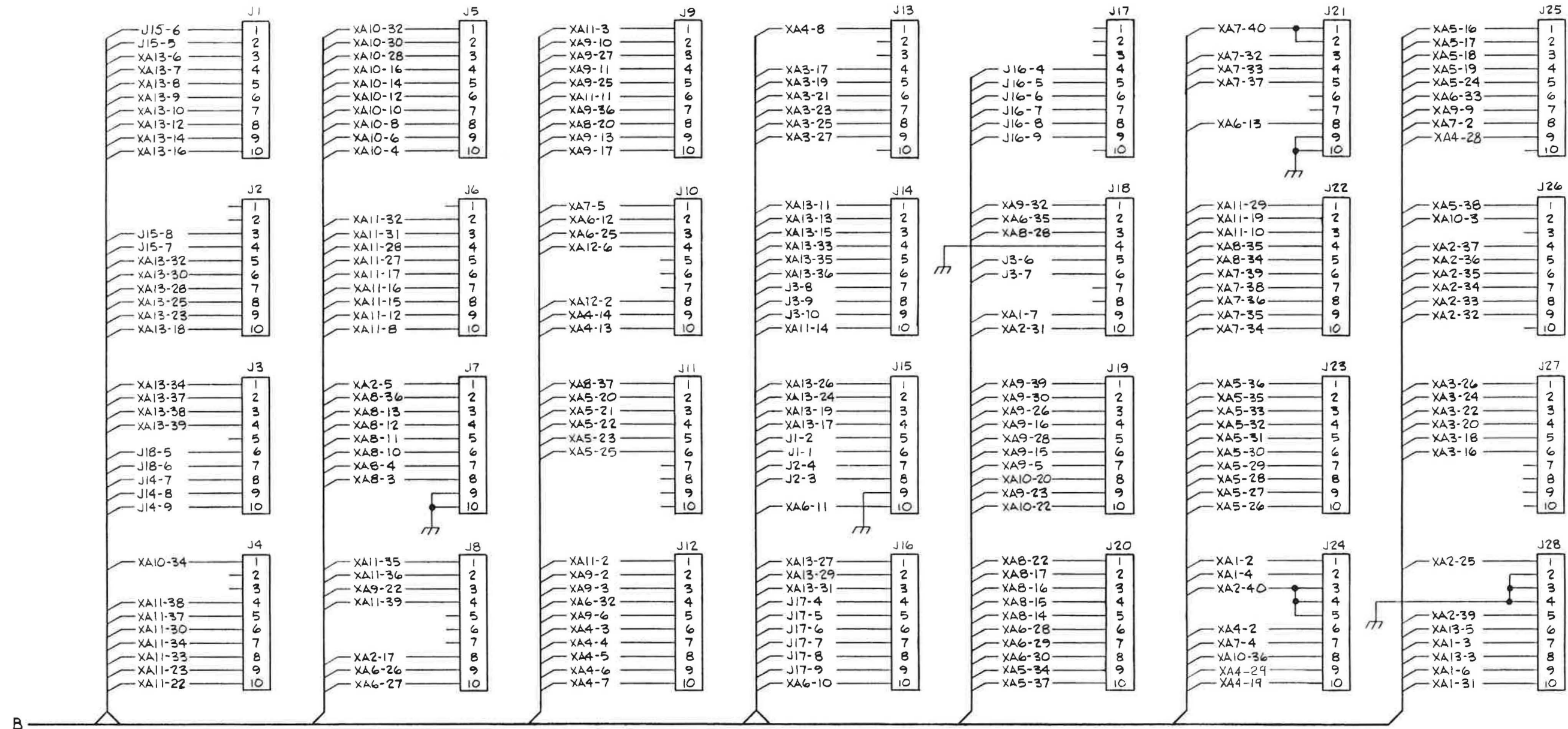
150075 REV C

FIGURE 1-17. Distribution Wire Circuit Card Assembly, 1A1A18 (Sheet 1 of 3)



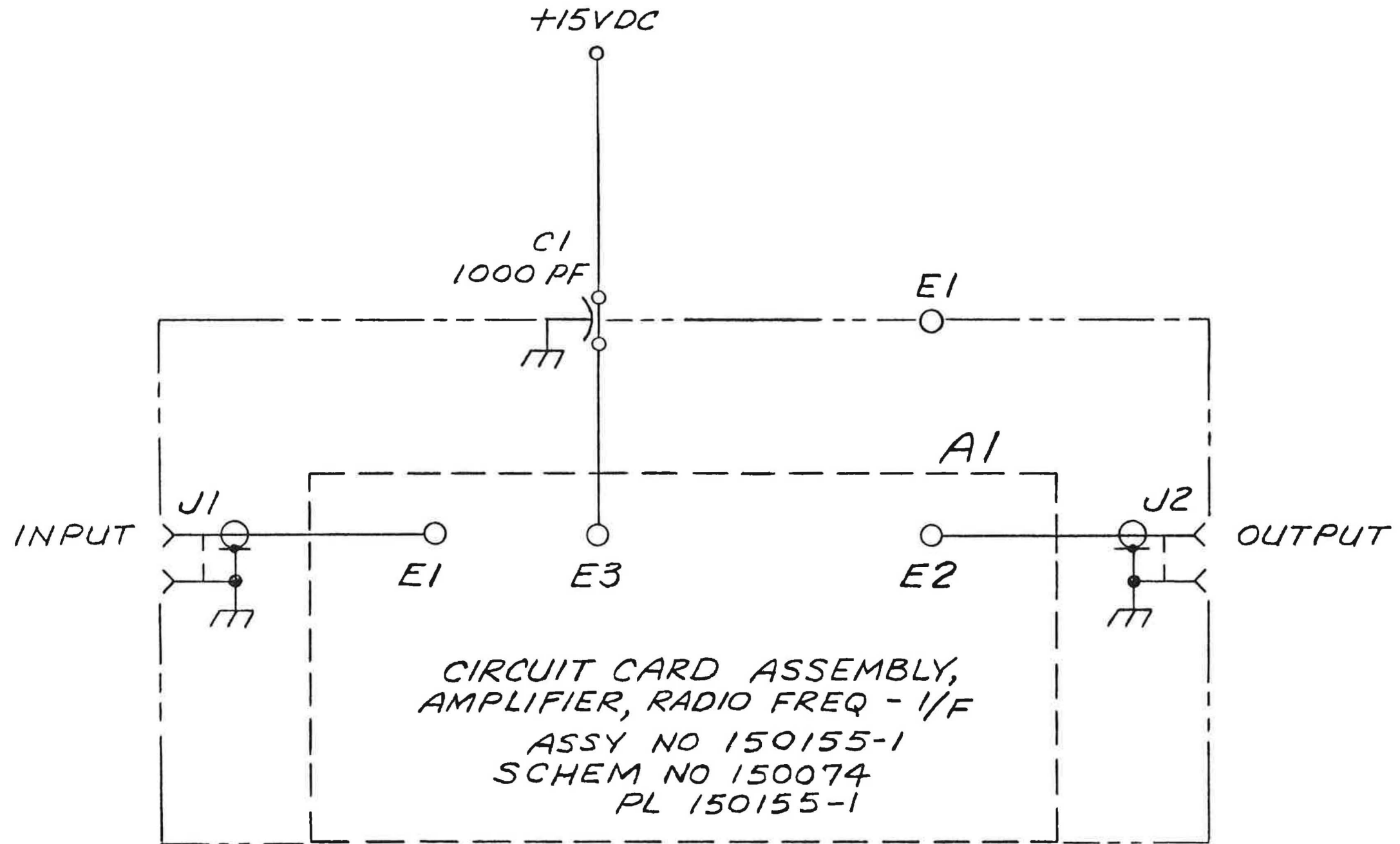
150075 REV C

FIGURE 1-17. Distribution Wire Circuit Card Assembly, 1A1A18 (Sheet 2 of 3)



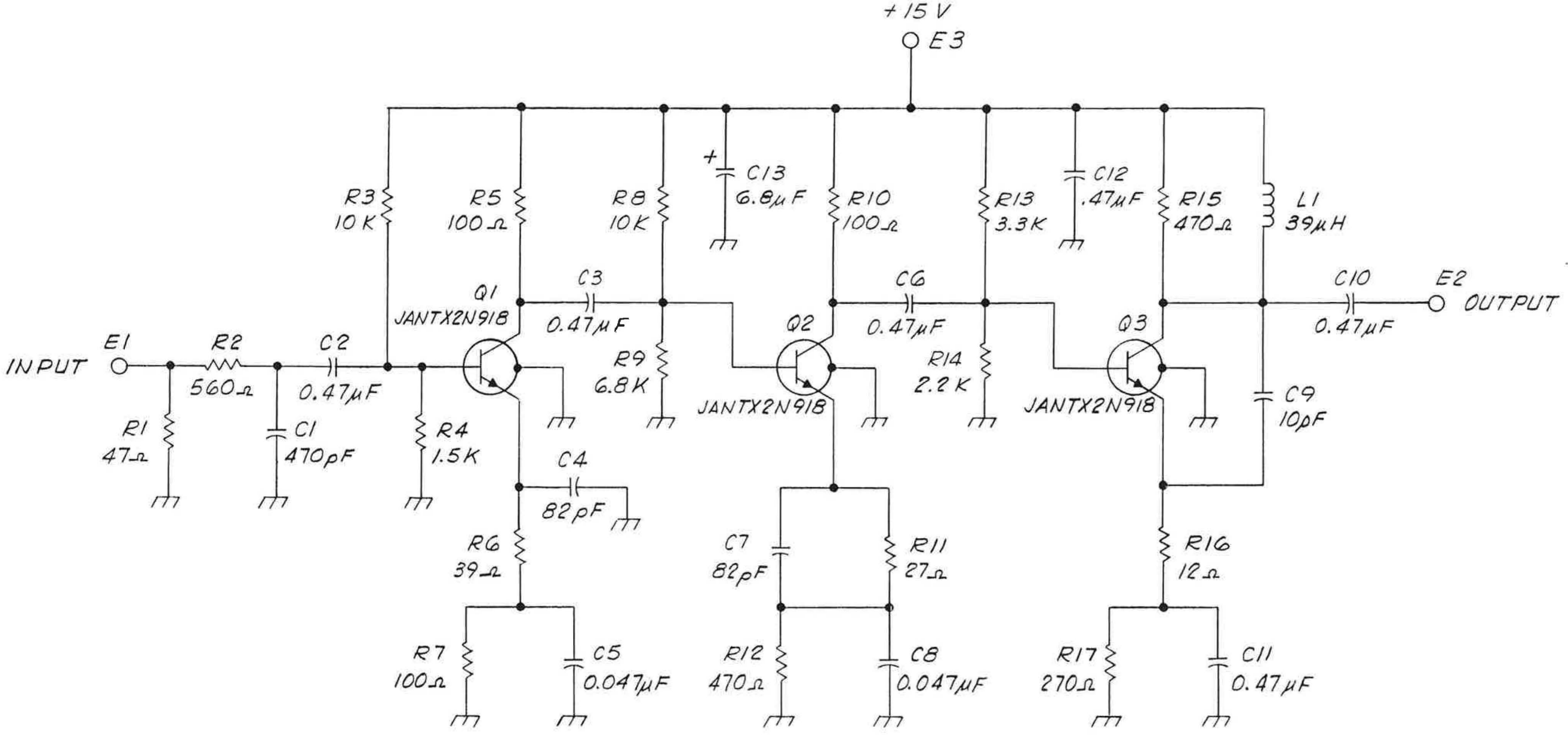
150075 REV C 

FIGURE 1-17. Distribution Wire Circuit Card Assembly, 1A1A18 (Sheet 3 of 3)



150073 REV B

FIGURE 1-18. Amplifier IF, 1A1AR4, 1A1AR5



150074 REV D

FIGURE 1-19. Amplifier Circuit Card Assembly, 1A1AR4A1, 1A1AR5A1

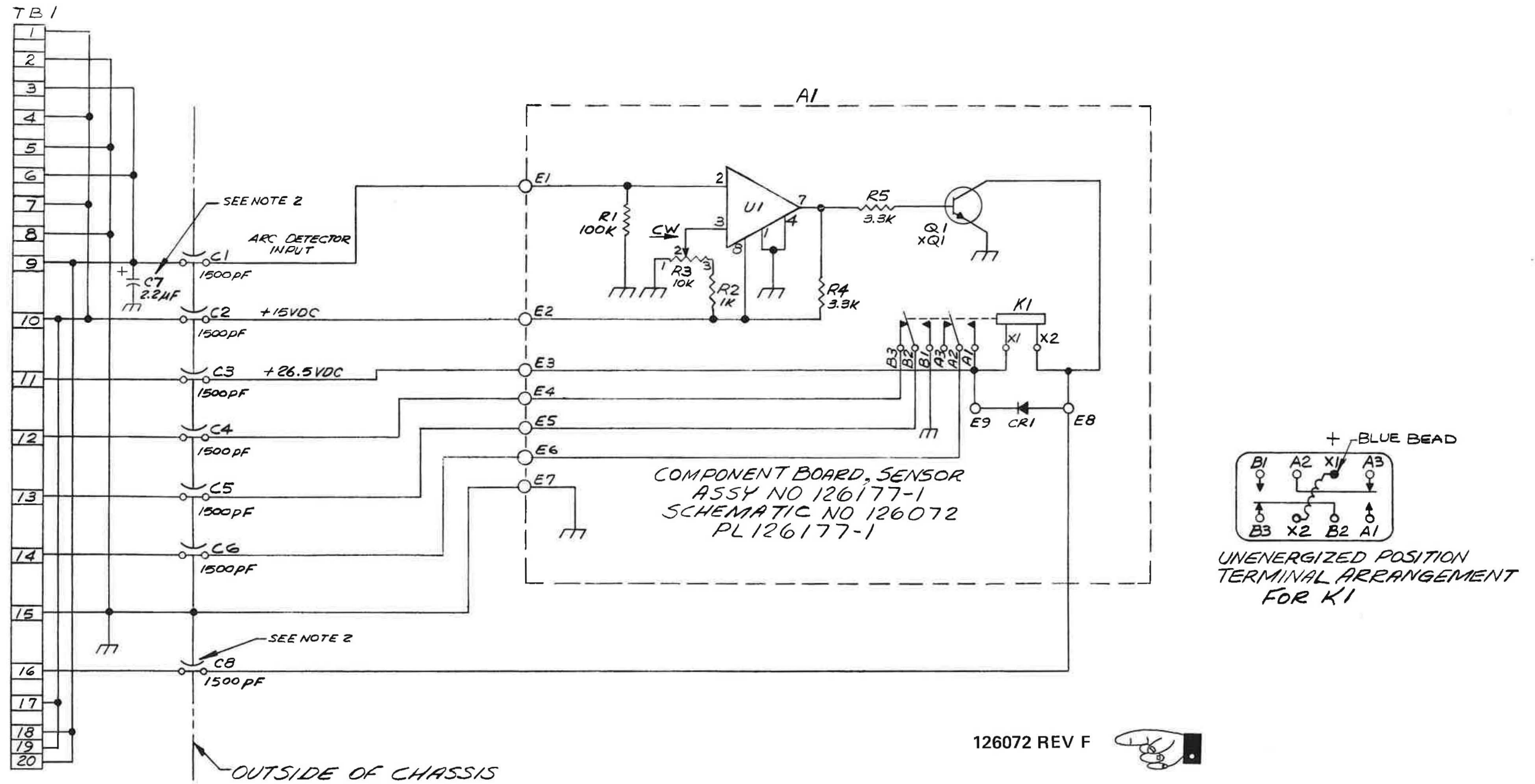
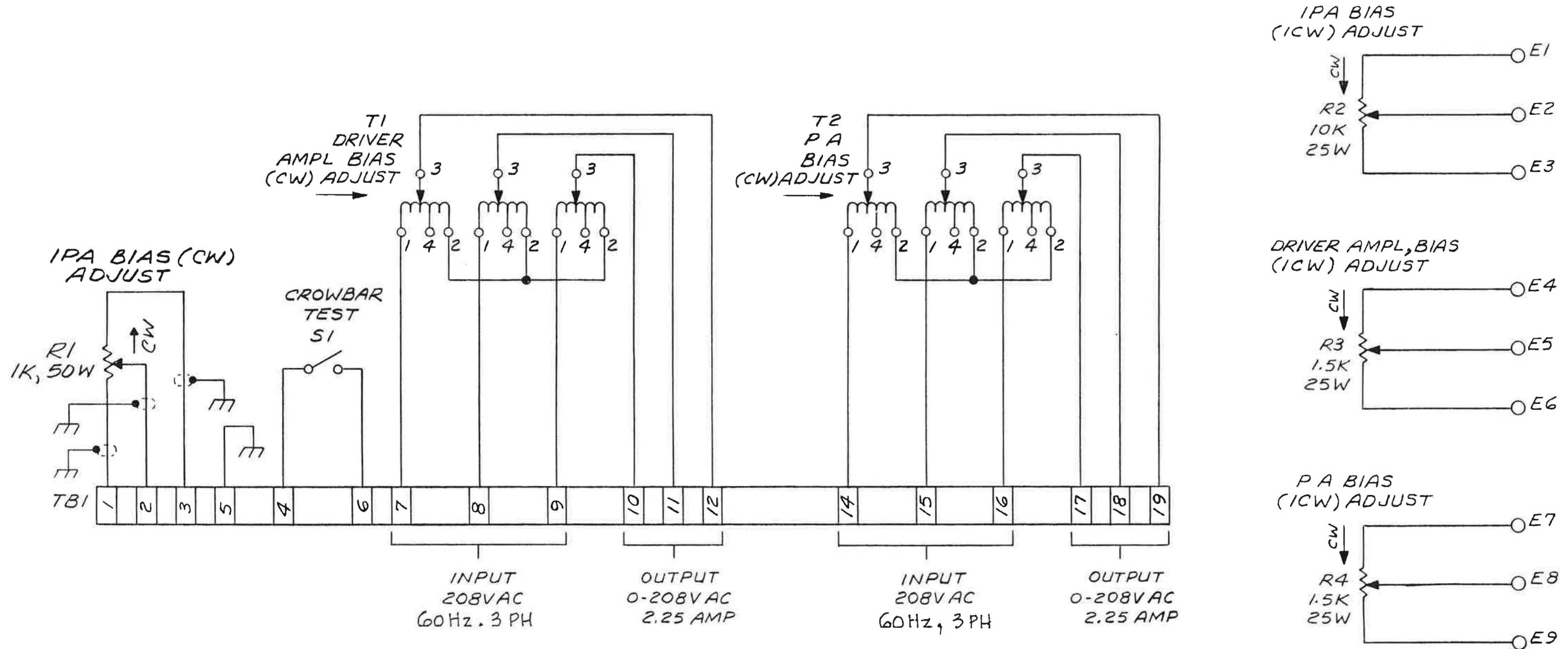
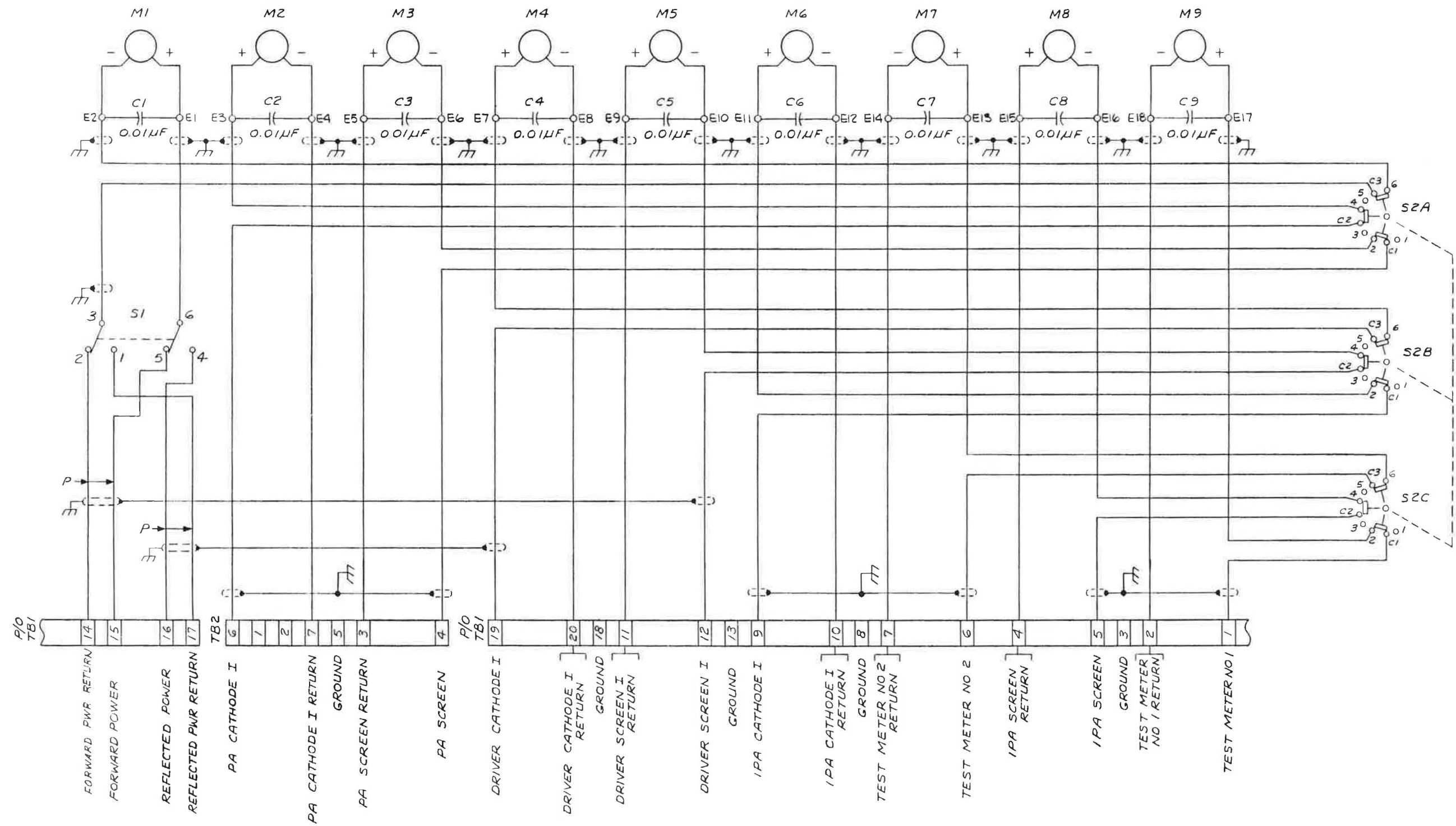


FIGURE 1-20. RF Arc Sensor, 1A8



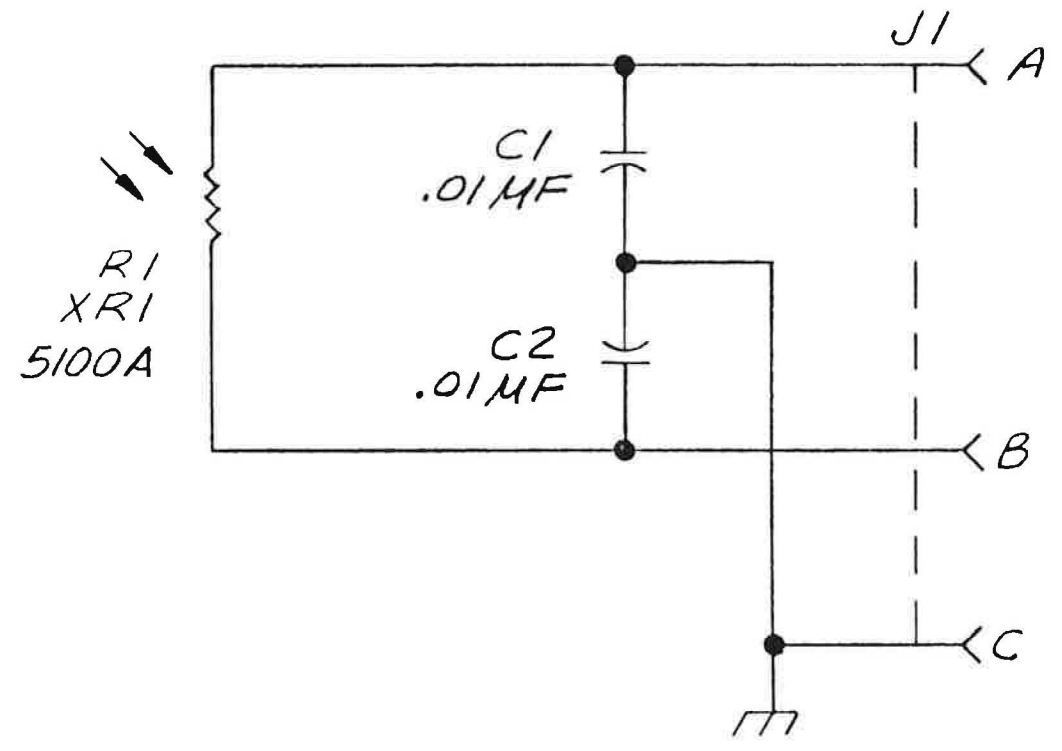
126079 REV D

FIGURE 1-21. Bias Adjust Panel, 1A9



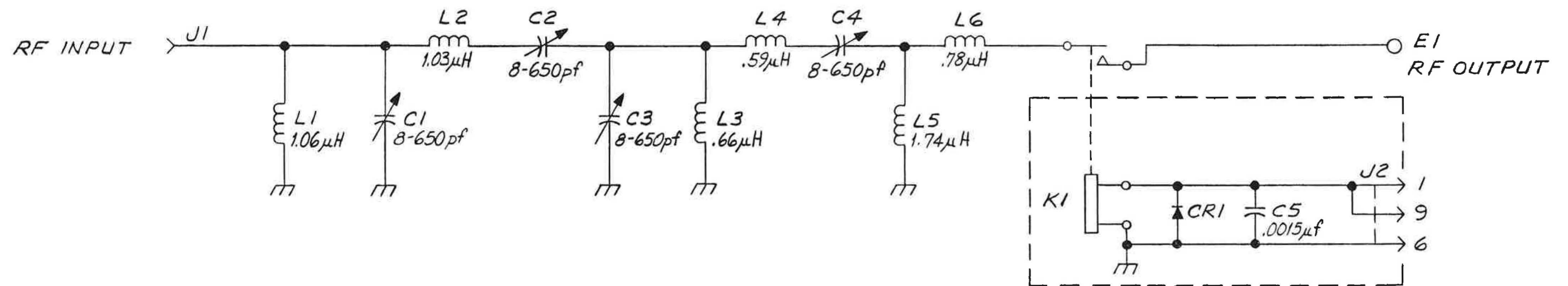
126078 REV F

FIGURE 1-22. Meter Assembly Panel, 1A13



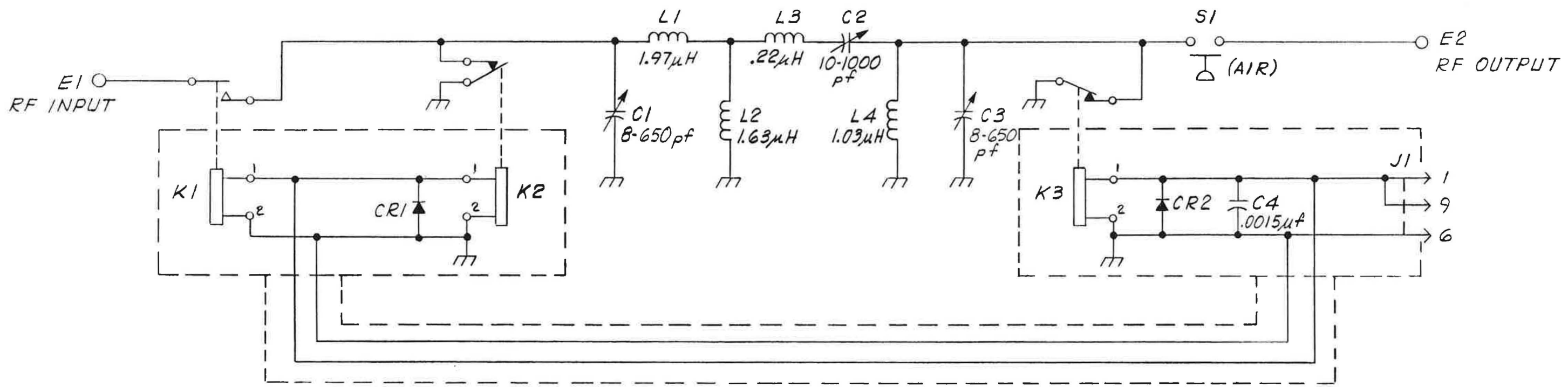
150054 REV B

FIGURE 1-23. RF Arc Sensor Probe, 1A14 Through 1A20



126045 REV C

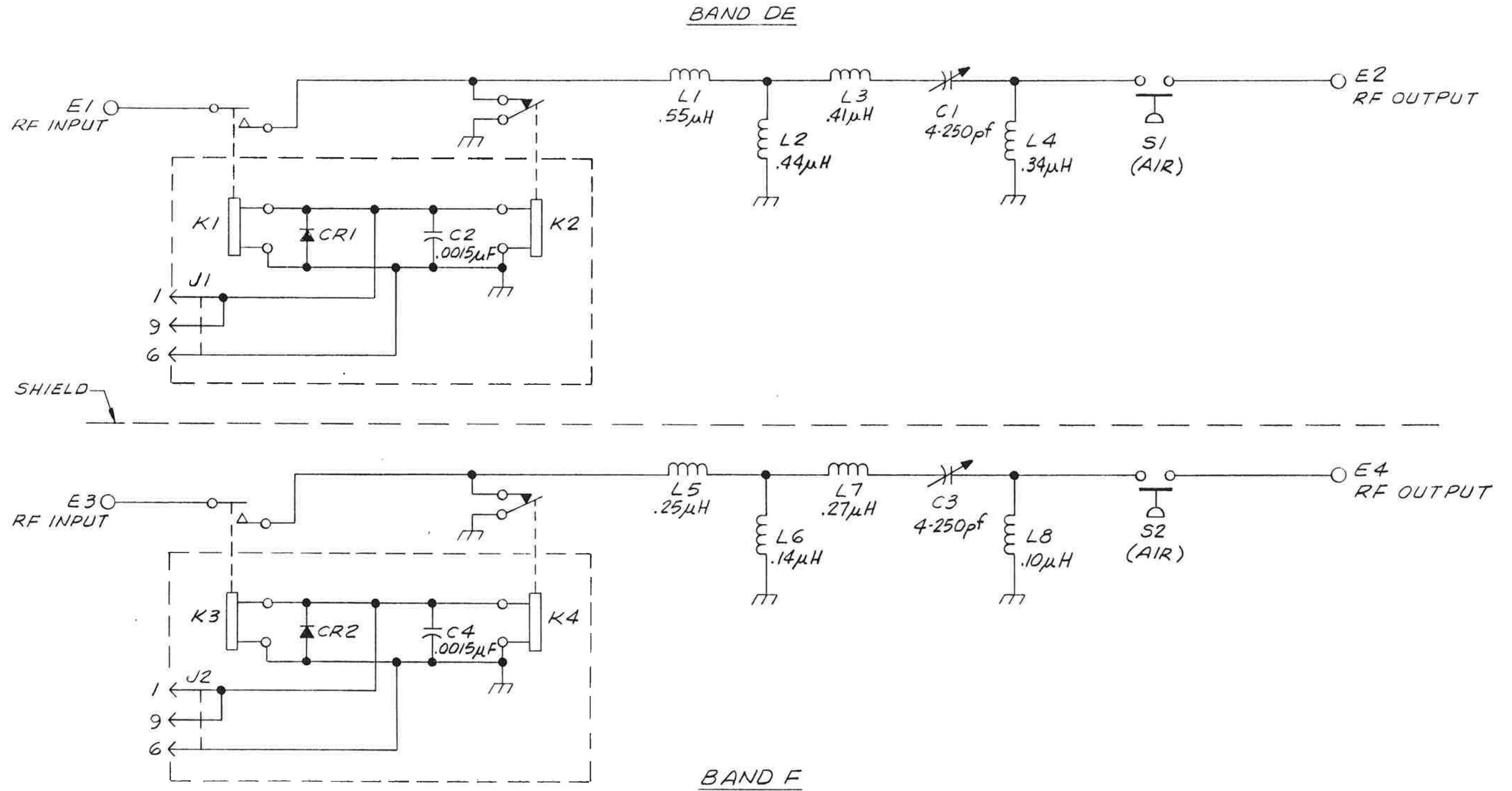
FIGURE 1-24. IPA Grid Bandpass Filter, 1FL1, 1FL2, 1FL3



BAND ABC

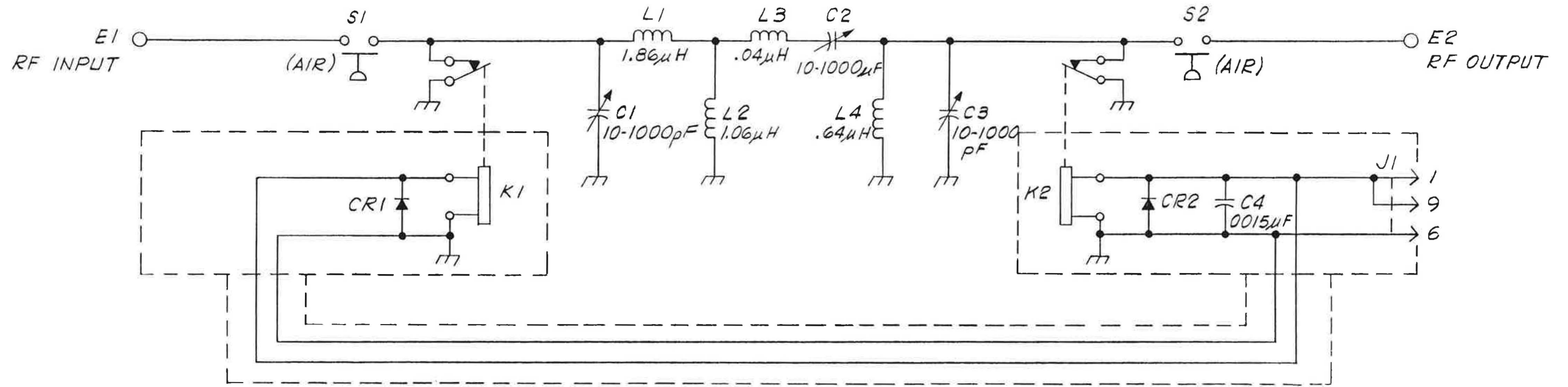
126047 REV D

FIGURE 1-25. Driver Grid Filter Bands A,B,C, 1FL4



150050 REV B

FIGURE 1-26. Driver Grid Filter Bands D,E,F 1FL5



BAND AB

150051 REV B

FIGURE 1-27. PA Grid Filter Bands, A,B, 1FL7

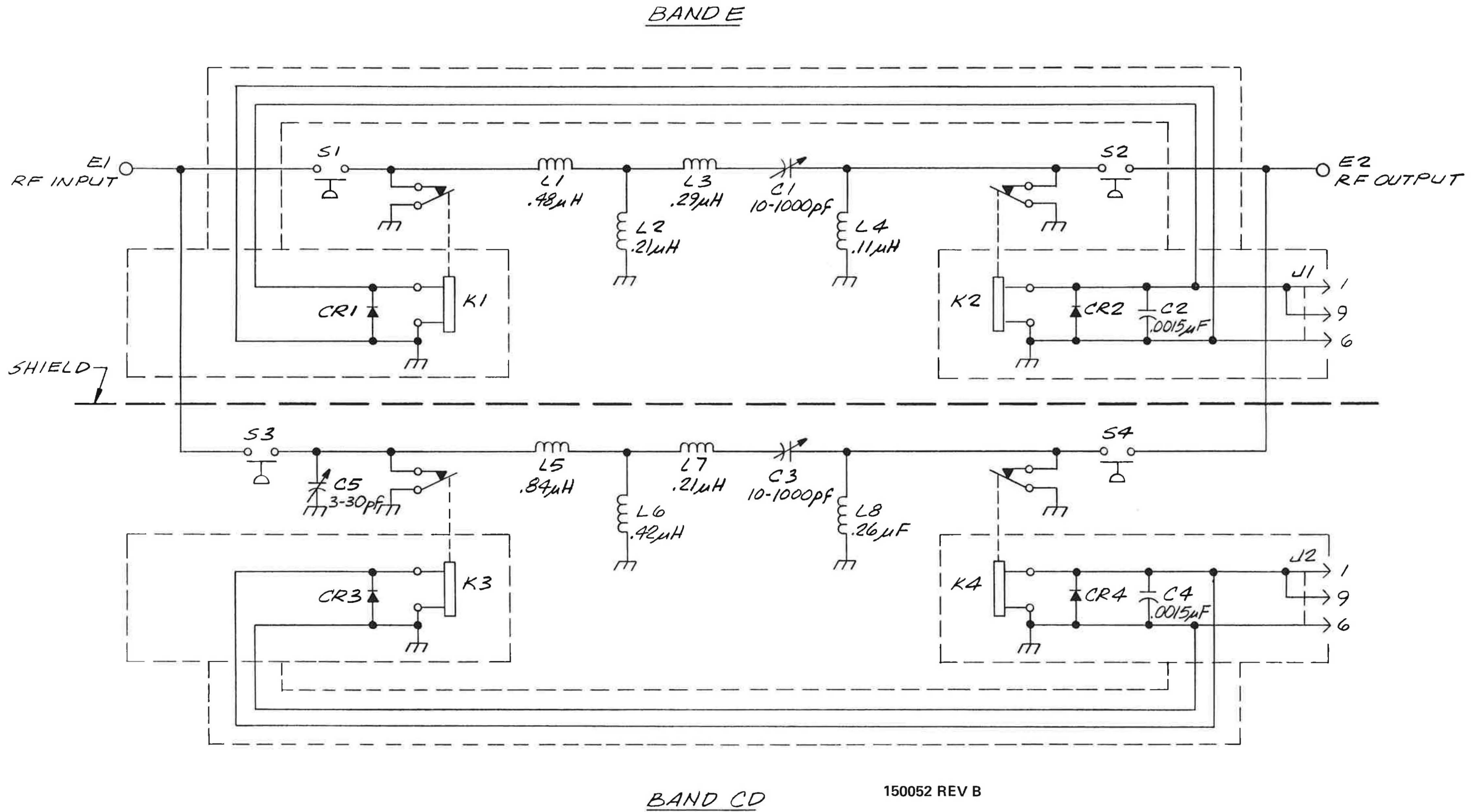
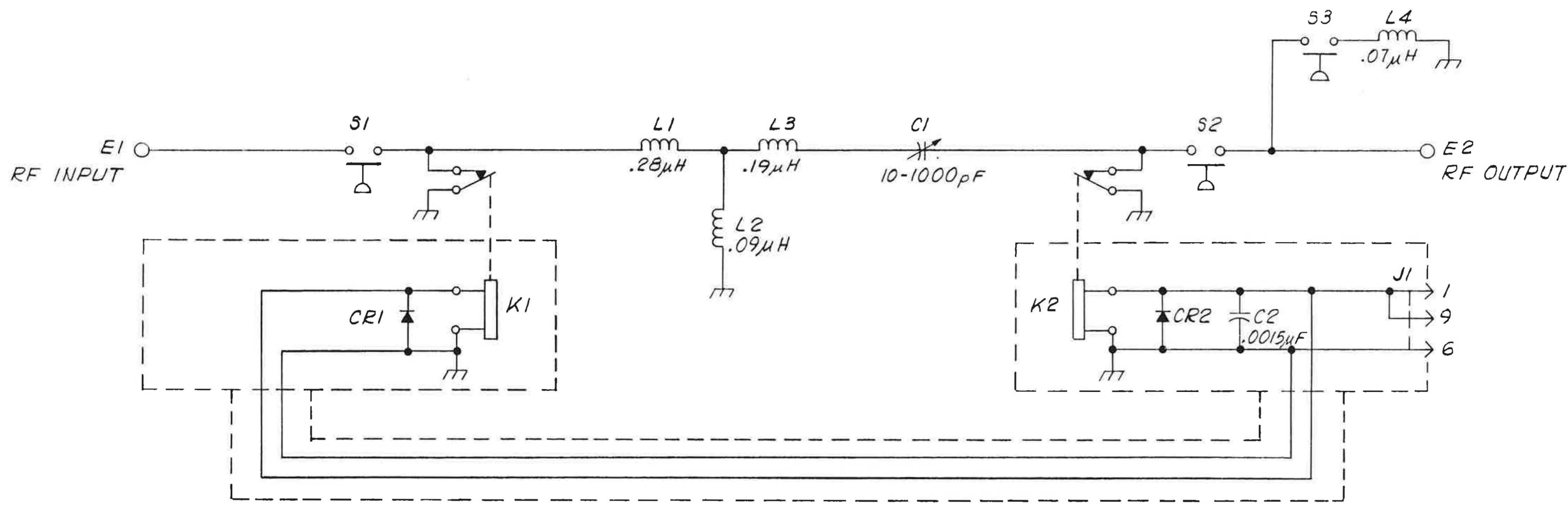


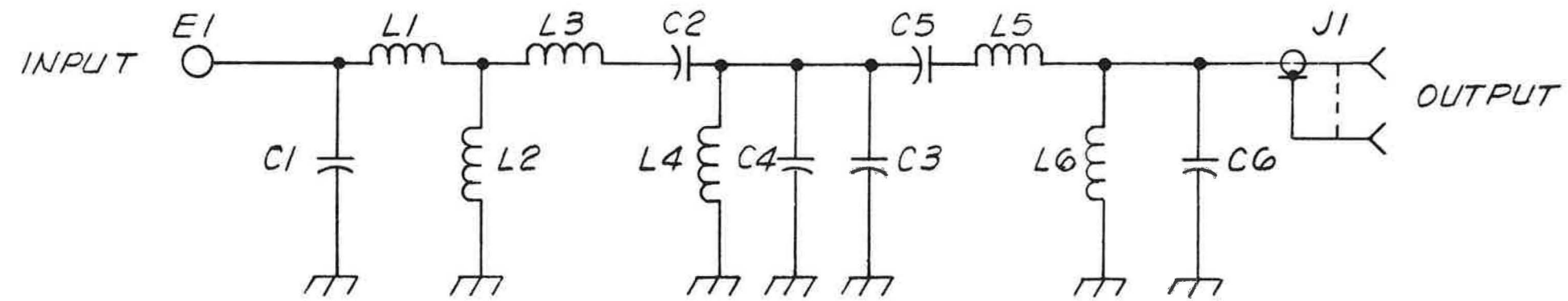
FIGURE 1-28. PA Grid Filter Bands C,D,E, 1FL8



BAND F

150053 REV B

FIGURE 1-29. PA Grid Filter Band F, 1FL9



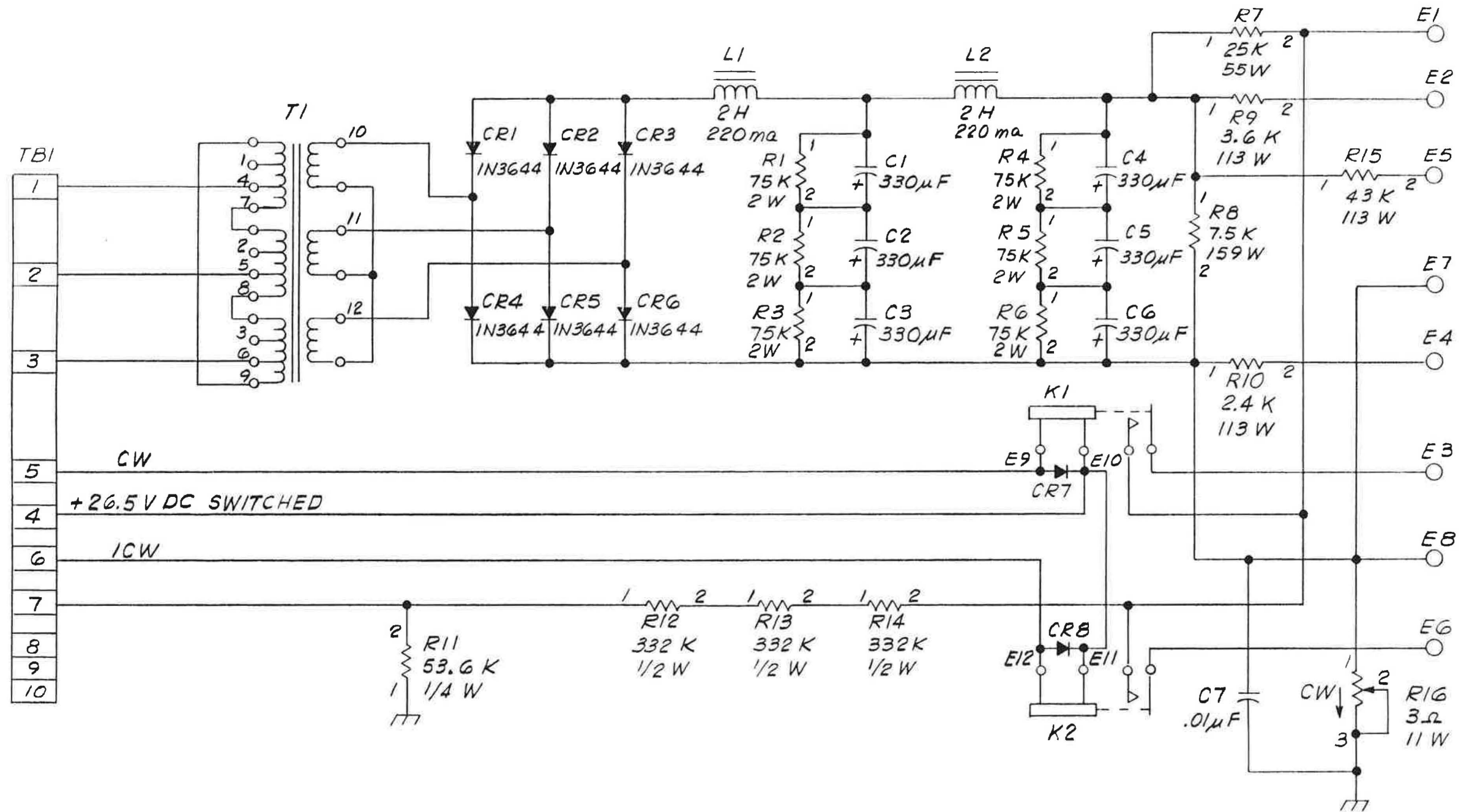
SEE SHEET 2 FOR COMPONENT VALUES.

126046 REV D

FIGURE 1-30. PA Output Filter, 1FL10 Through 1FL15 (Sheet 1 of 2)

COMPONENT VALUES												
ASSY NO	CAPACITANCE PF						INDUCTANCE UH					
	C1	C2	C3	C4	C5	C6	L1	L2	L3	L4	L5	L6
126134-1	216	160	1100	1100	160	1100	1.29	.86	5.19	.32	5.10	.62
126135-1	138	115	855	855	115	855	.89	.59	4.28	.23	4.15	.42
126136-1	93	80	655	655	80	655	.60	.40	3.24	.16	3.15	.30
126137-1	29	66	441	441	66	441	.46	.30	2.46	.13	2.37	.24
126138-1	NOT USED	44	314	314	44	314	.31	.20	1.81	.10	1.71	.18
126139-1	NOT USED	29	270	270	29	270	.18	.12	1.79	.07	1.60	.12

126046 REV D



126040 REV G

FIGURE 1-31. IPA Bias Power Supply, 1PS3

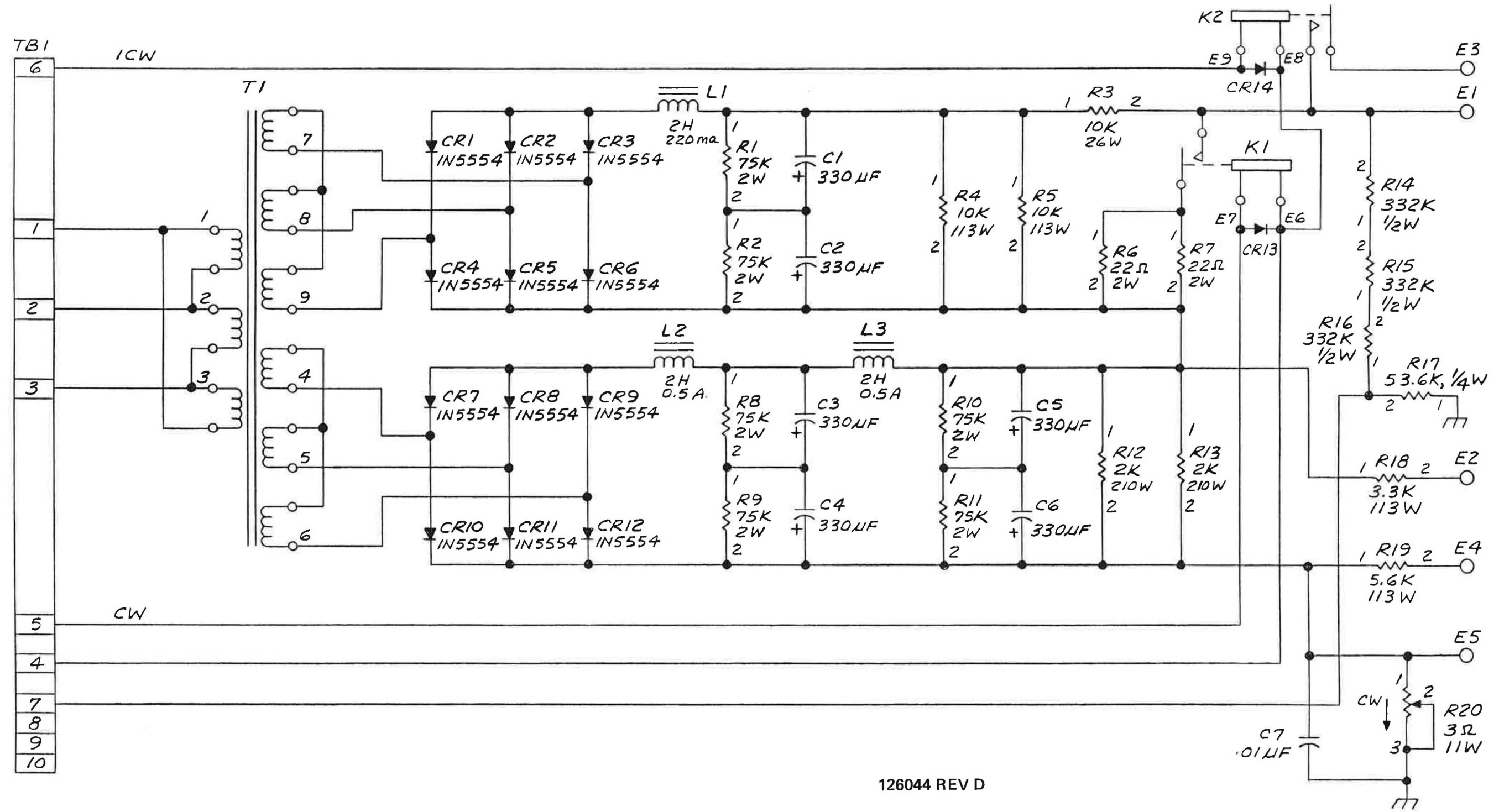
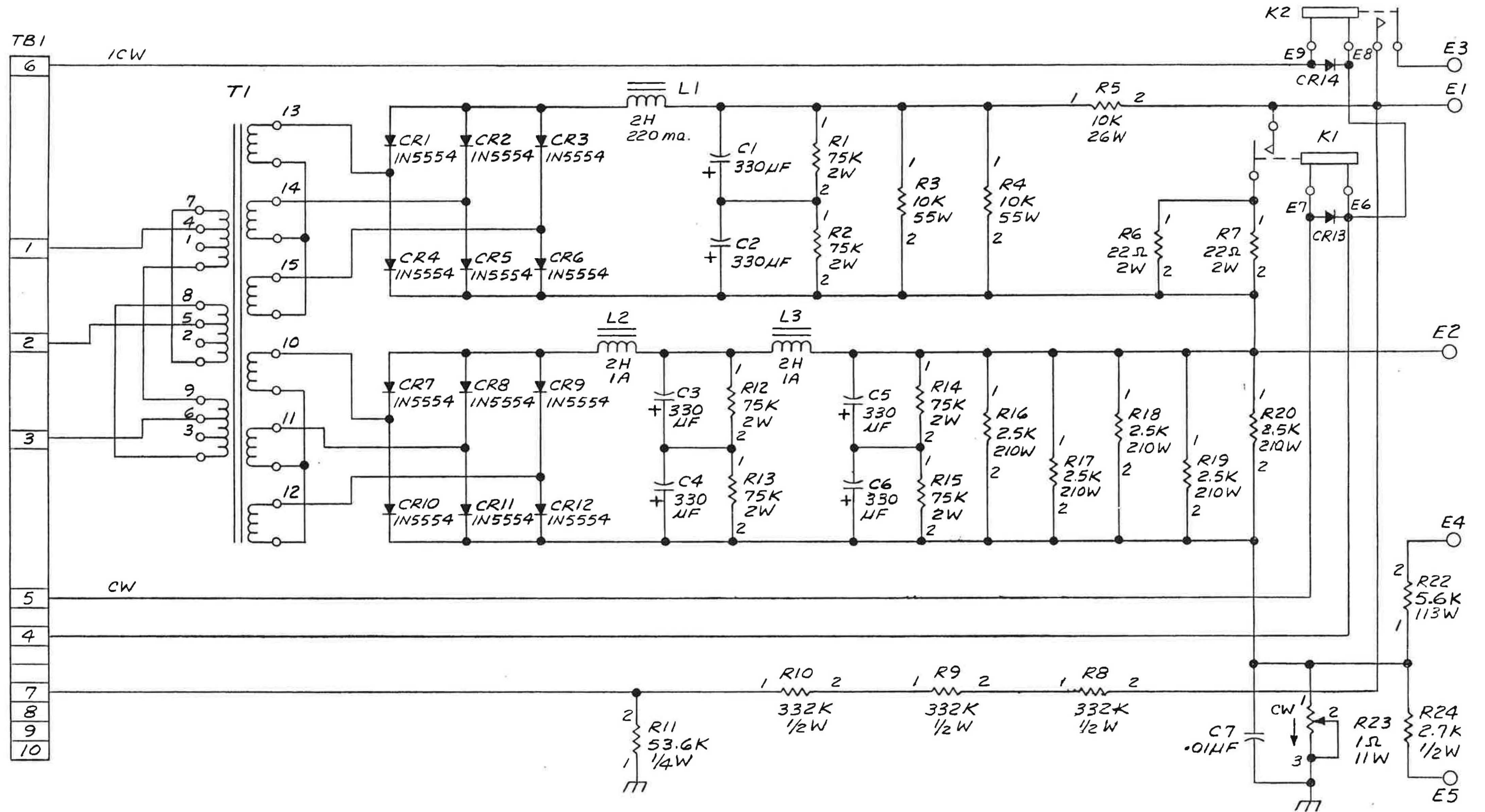


FIGURE 1-32. Driver Amplifier Bias Power Supply, 1PS4



126039 REV H

FIGURE 1-33. PA Bias Power Supply, 1PS5

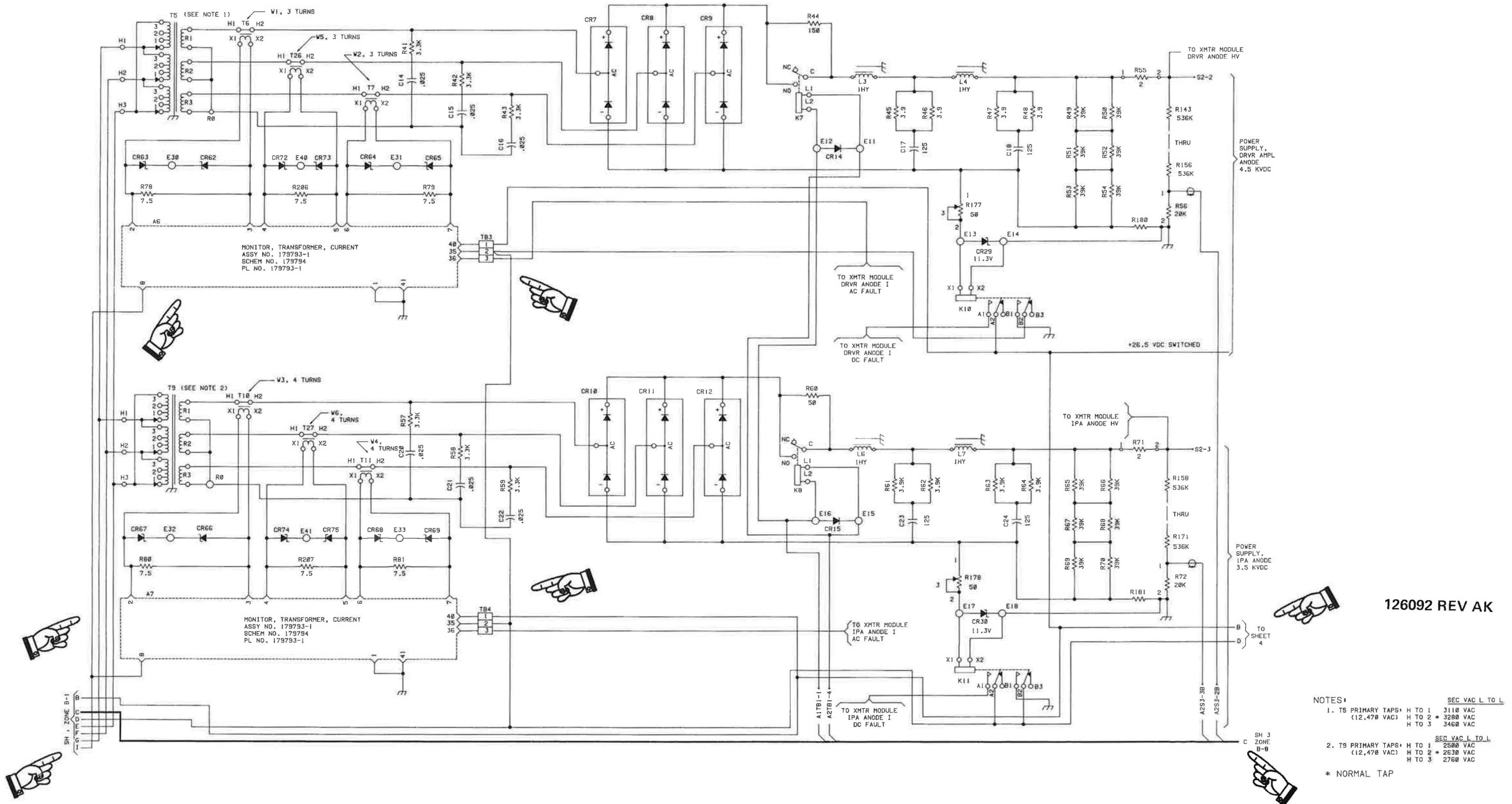
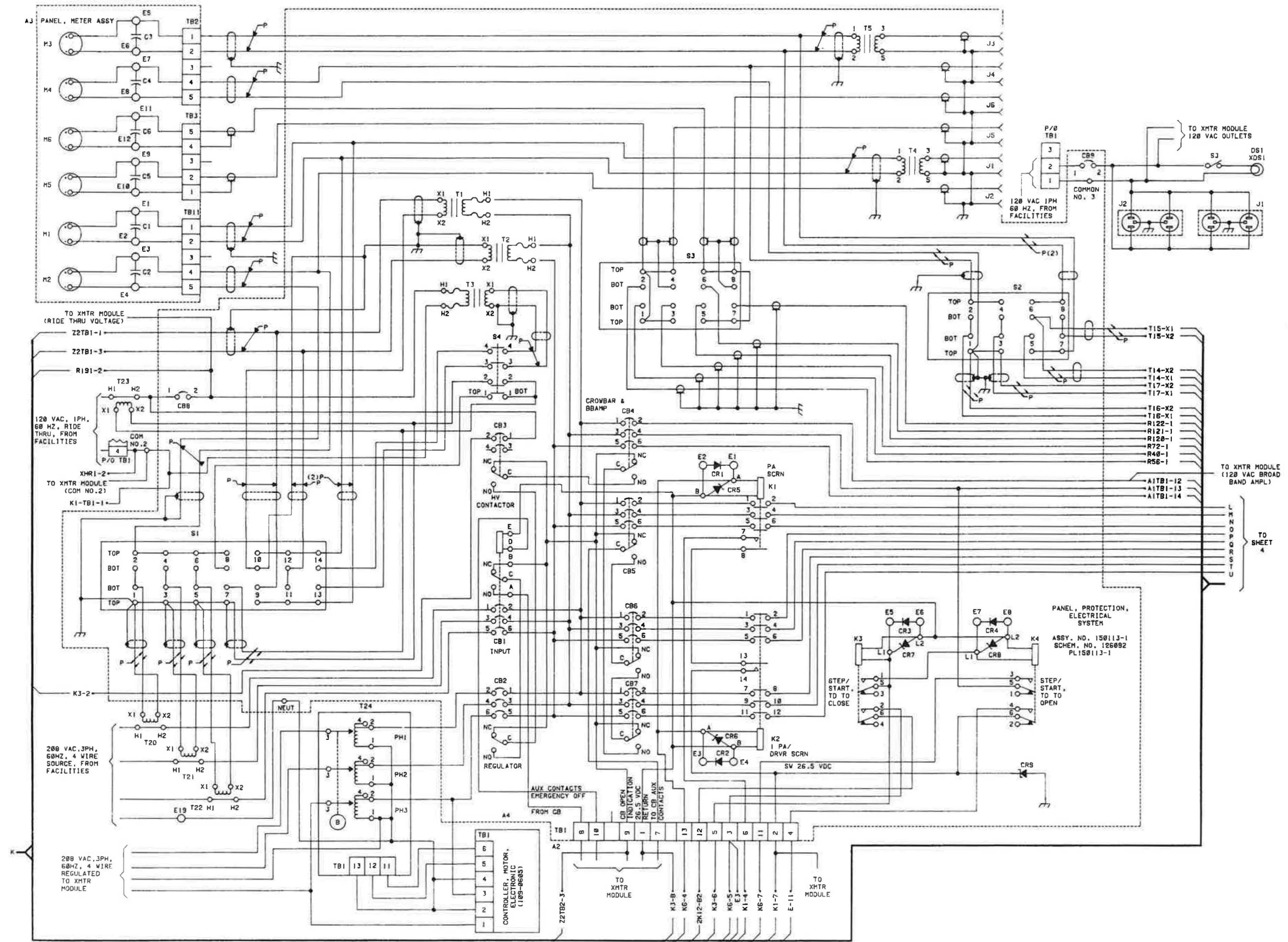
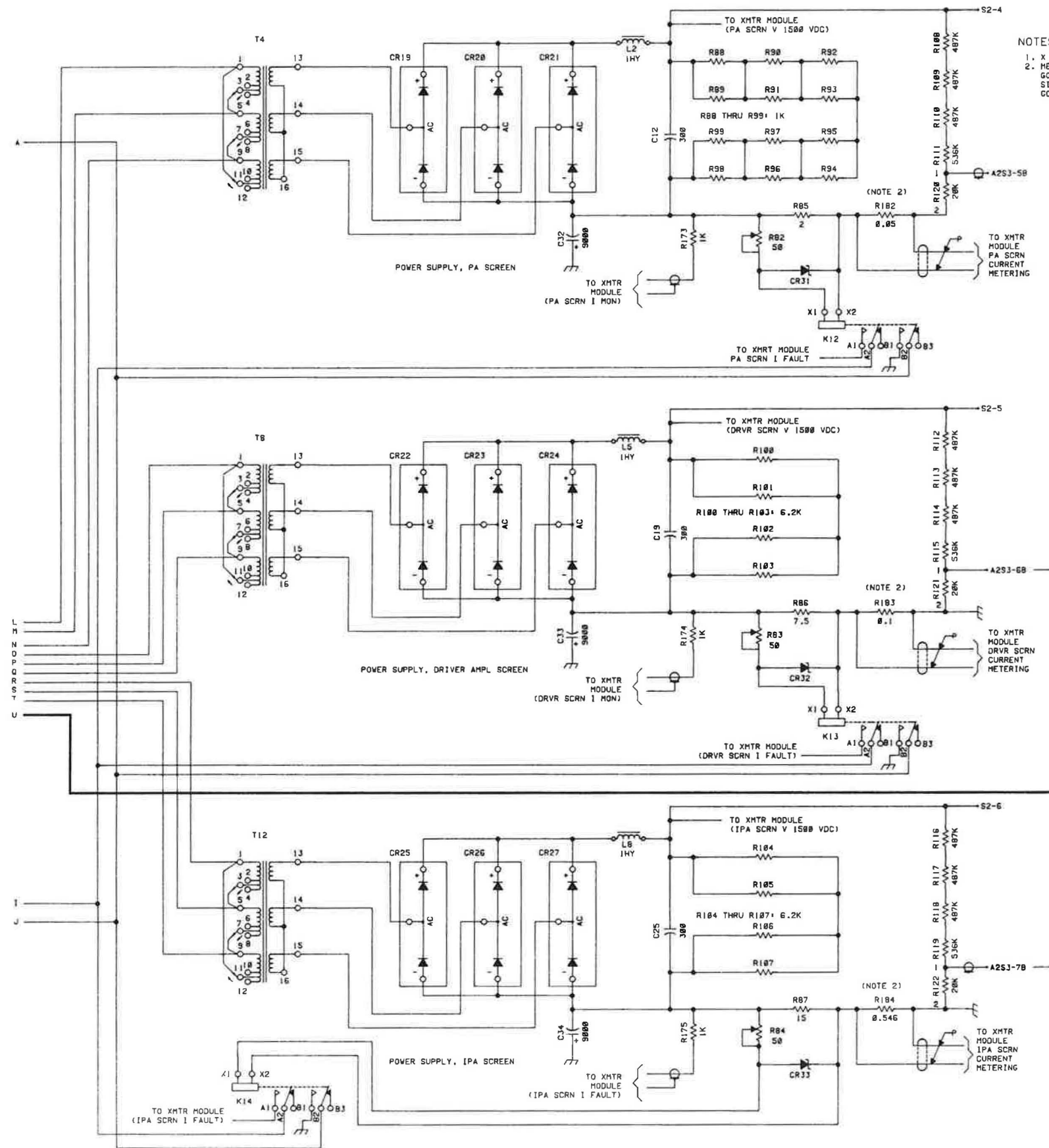


FIGURE 1-34. High Voltage Power Supply, Cabinet 2 (Sheet 2 of 4)



126092 REV AK

FIGURE 1-34. High Voltage Power Supply, Cabinet 2 (Sheet 3 of 4)



NOTES:
 1. X DENOTES CONTACT CLOSED
 2. METER CONNECTIONS (TO 1TB4)
 GO TO SCREW TERMINALS ON
 SIDE OF SHUNT. LOAD CONNECTIONS
 GO TO STUDS ON TOP OF SHUNT!

POSITIONS-S1

CONTACTS		POSITIONS-S1			
ODD	EVEN	3	2	1	
1	2	X	X	X	X
3	4	X	X	X	X
5	6	X	X	X	X
7	8	X	X	X	X
9	10		X		X
11	12		X		X
13	14	X			
		X			

↑ BOTTOM J
↑ TOP
TERMINAL LOCATION

POSITIONS-S2

CONTACTS		POSITIONS-S2			
ODD	EVEN	3	2	1	
1	2	X	X	X	X
3	4	X	X	X	X
5	6	X	X	X	X
7	8		X		X
			X		X

↑ BOTTOM J
↑ TOP
TERMINAL LOCATION

POSITIONS-S3

CONTACTS		POSITIONS-S3			
ODD	EVEN	3	2	1	
1	2		X		
3	4		X		X
5	6	X			
7	8		X		X
		X			

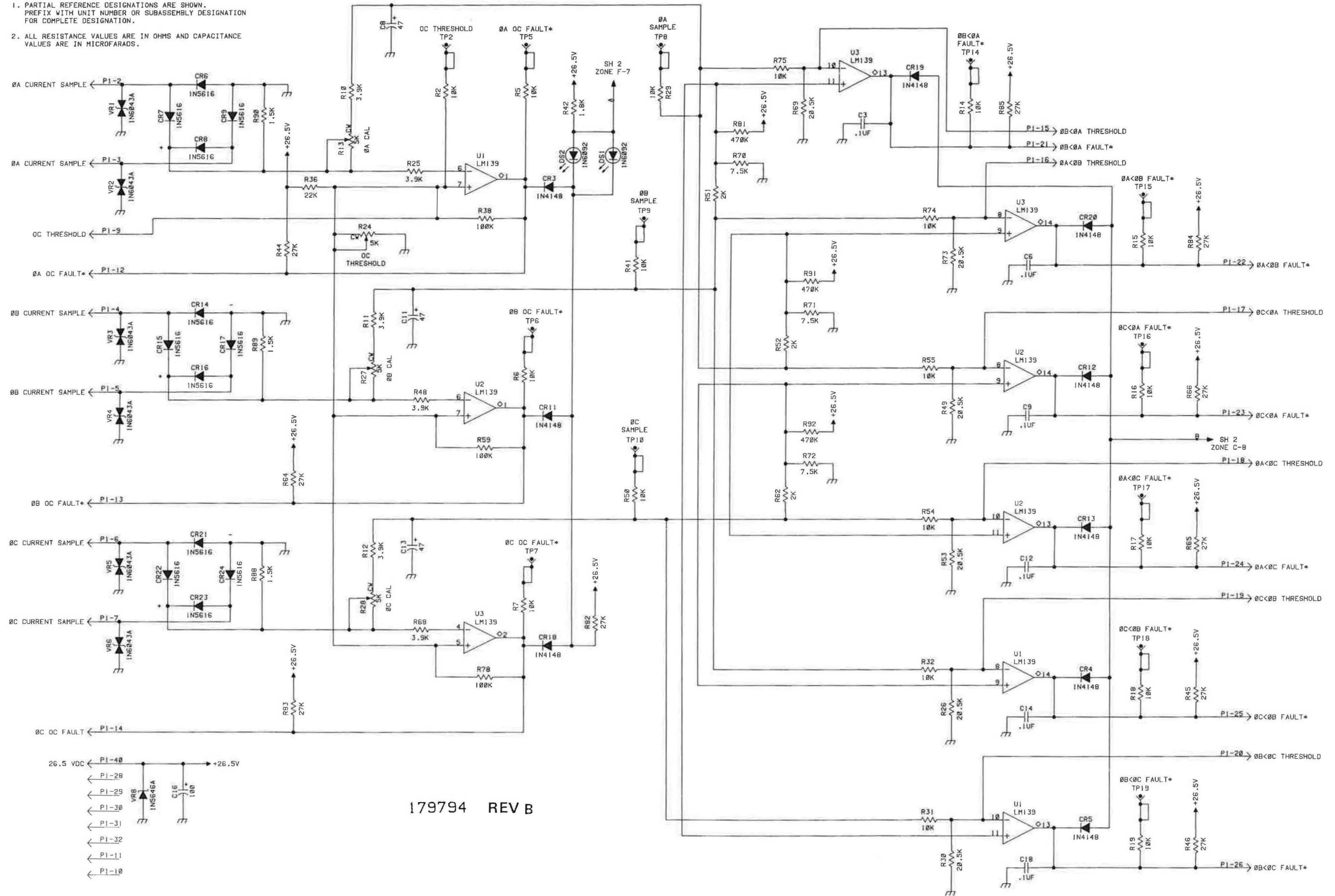
↑ BOTTOM J
↑ TOP
TERMINAL LOCATION

POWER AMPLIFIER
 DRIVER AMPLIFIER
 INTERMEDIATE AMPLIFIER

FIGURE 1-34. High Voltage Power Supply, Cabinet 2 (Sheet 4 of 4)

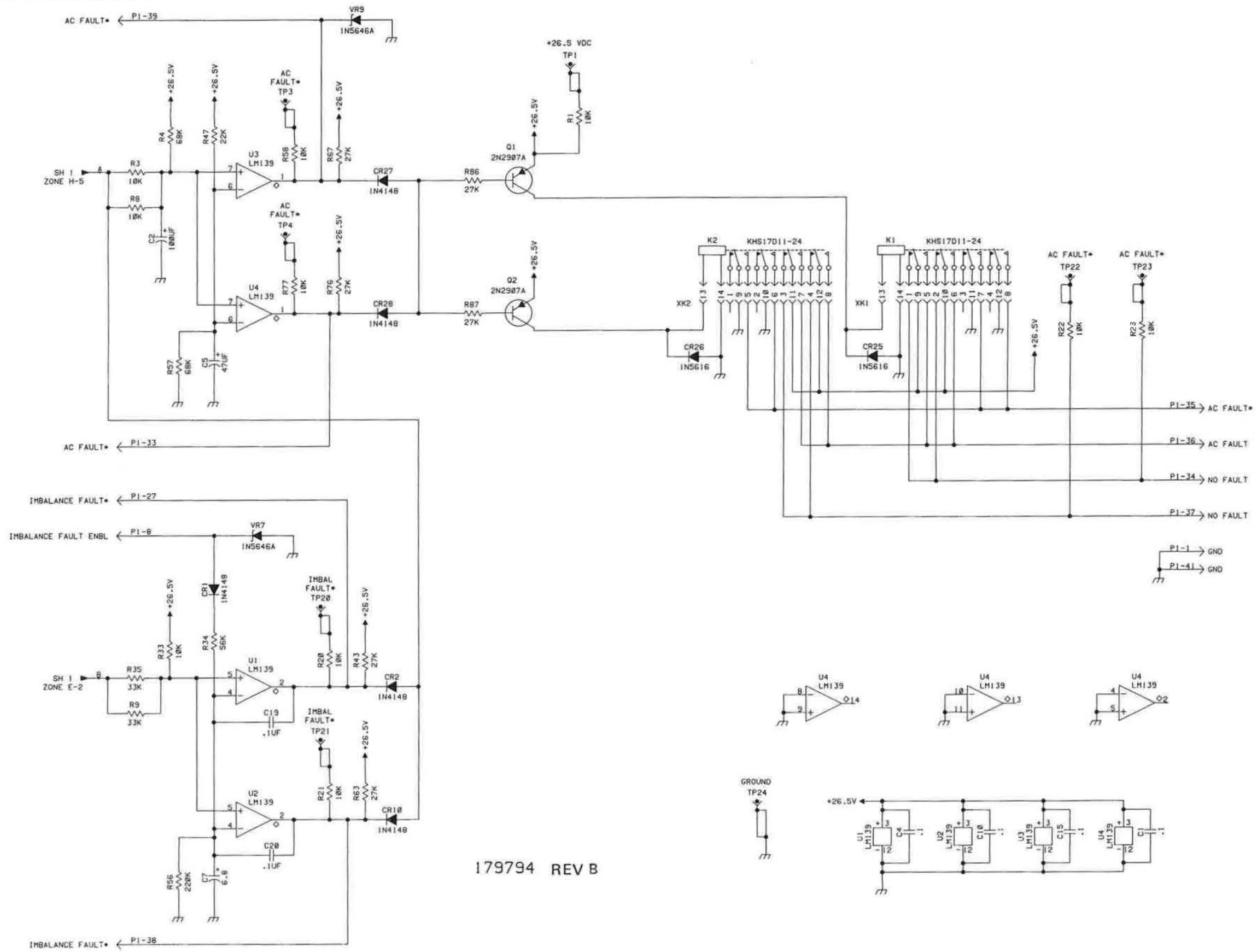
NOTES, UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN. PREFIX WITH UNIT NUMBER OR SUBASSEMBLY DESIGNATION FOR COMPLETE DESIGNATION.
2. ALL RESISTANCE VALUES ARE IN OHMS AND CAPACITANCE VALUES ARE IN MICROFARADS.



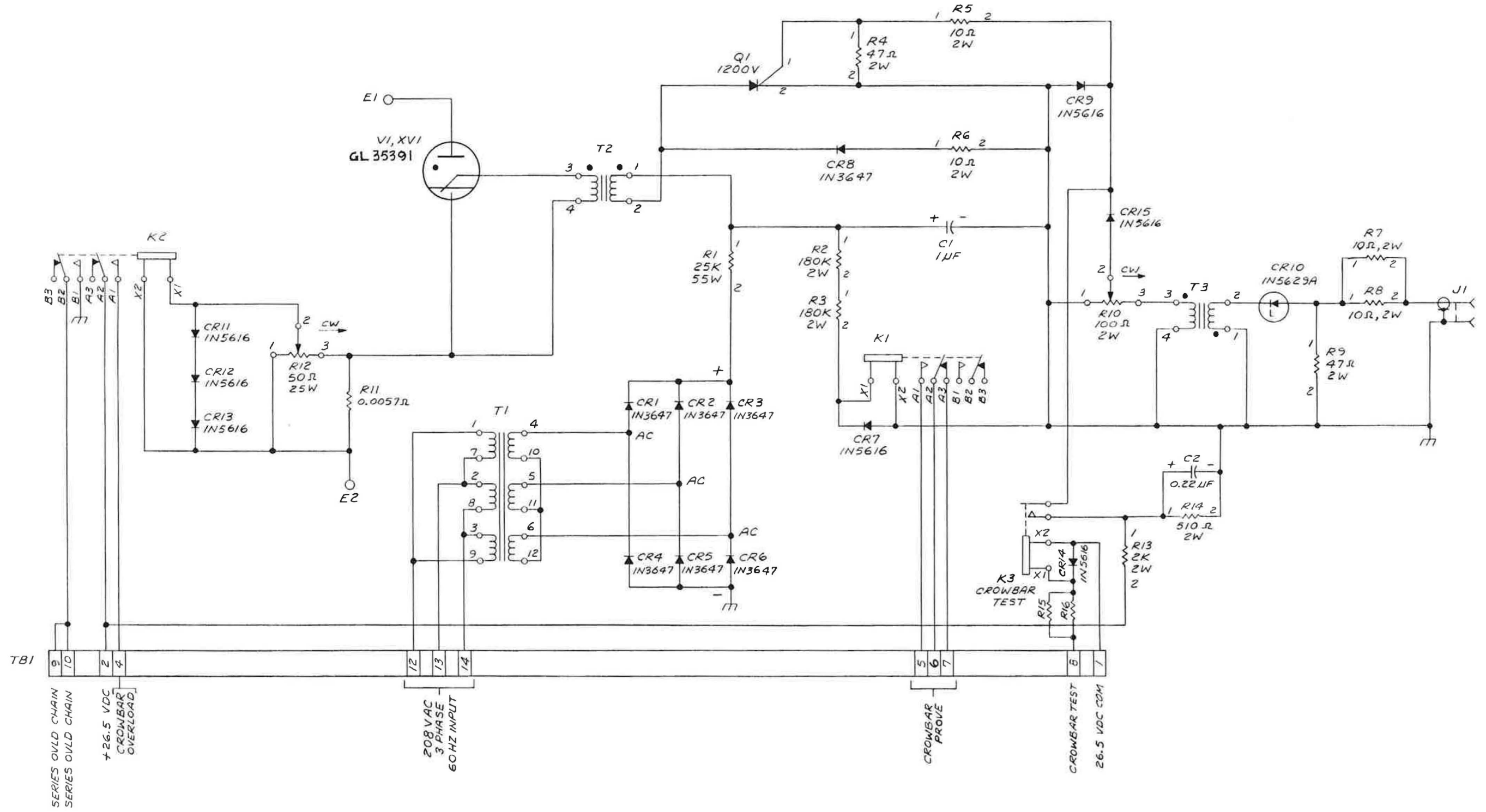
179794 REV B

FIGURE 1-34.1. Transformer Current Monitor 2A5, A6, A7 (Sheet 1 of 2)



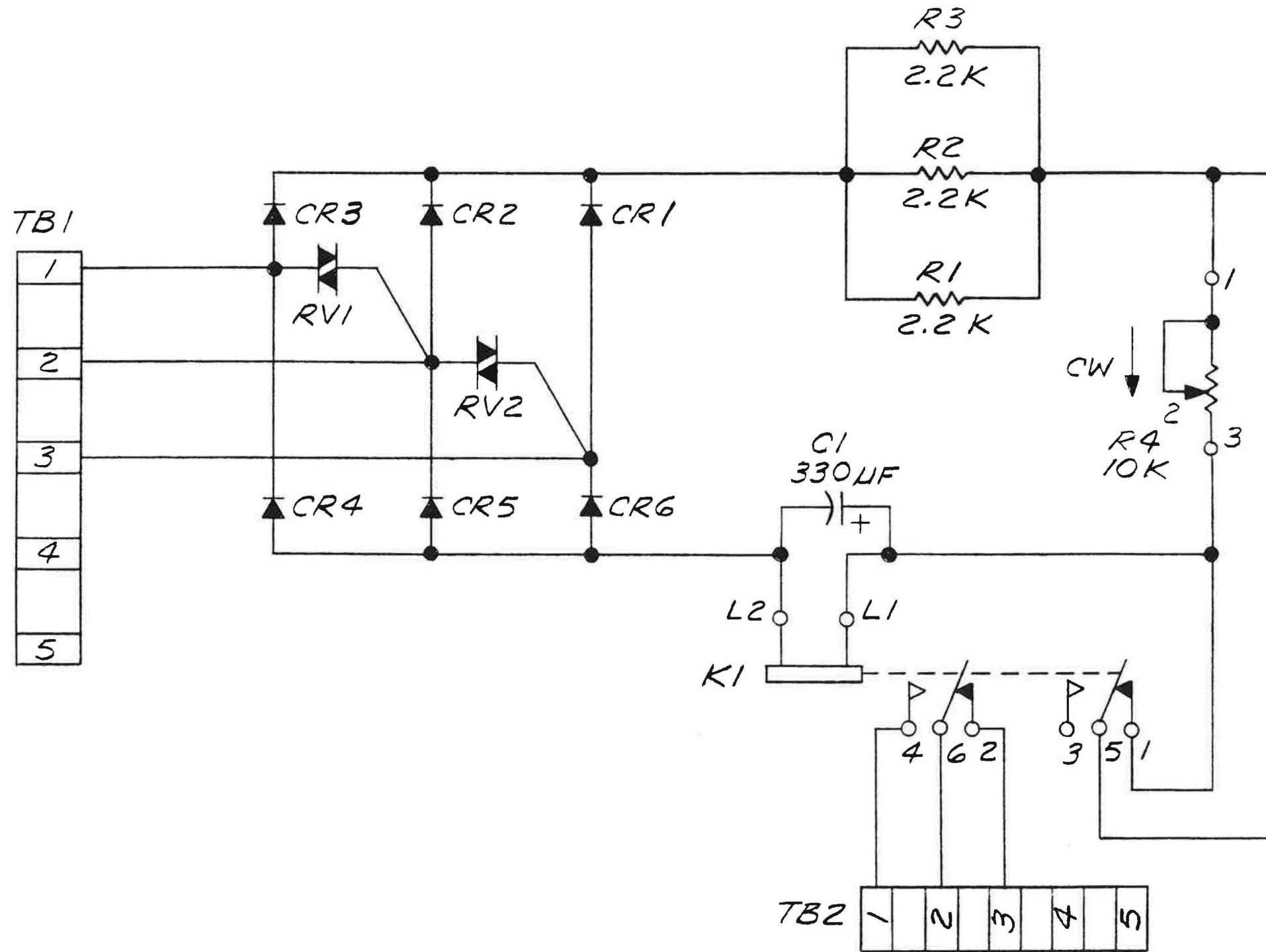
179794 REV B

FIGURE 1-34.2. Transformer Current Monitor 2A5, A6, A7
(Sheet 2 of 2)



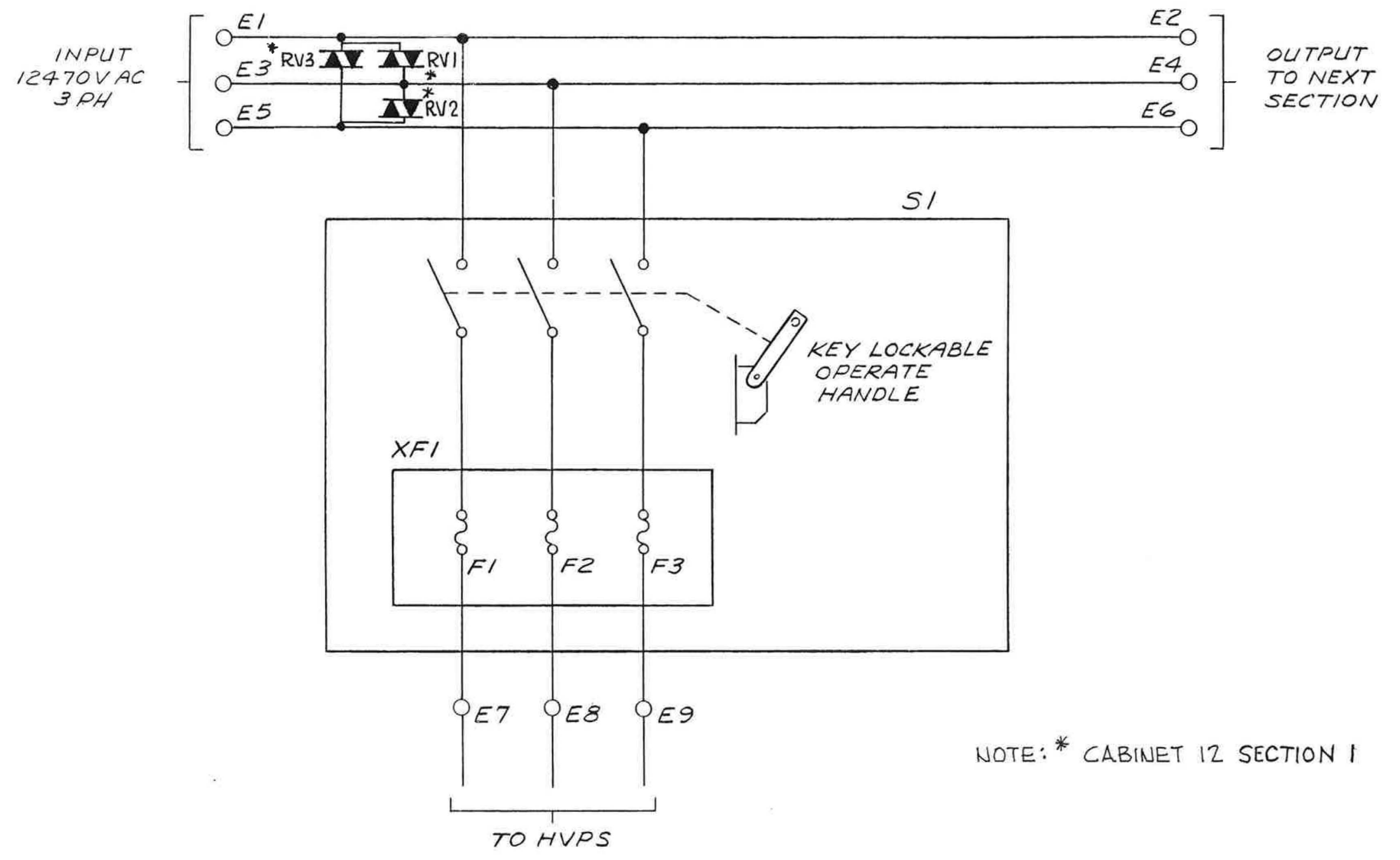
150063 REV A

FIGURE 1-35. Electronic Crowbar, 2A1



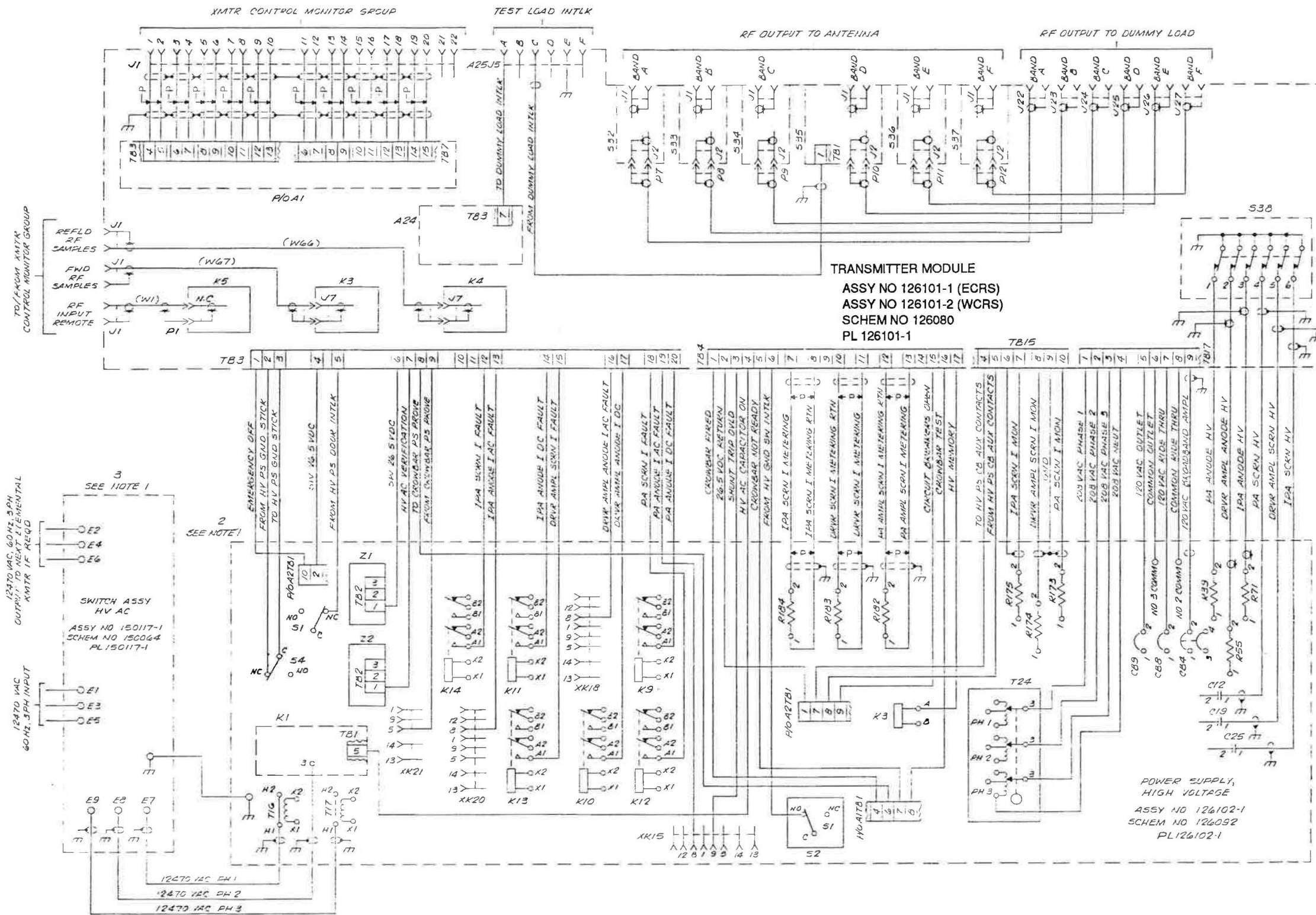
149720 REV D

FIGURE 1-36. Phase Monitor, 2Z1, 2Z2



150064 REV A

FIGURE 1-37. High Voltage AC Switch, Cabinet 3



126020 REV C

FIGURE 1-38. Elemental Transmitter Interconnections

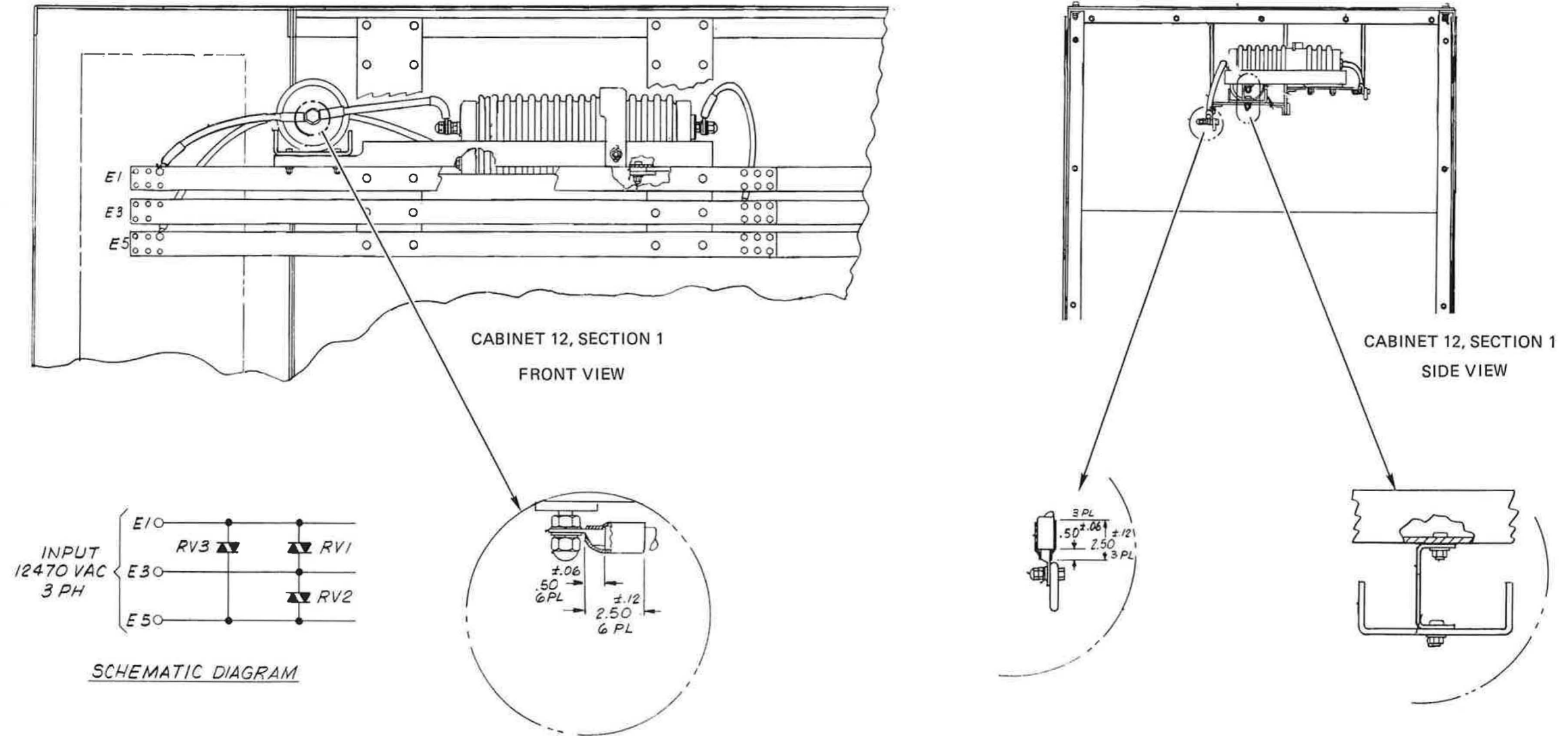


FIGURE 1-39 Transmitter Group

CHAPTER 2
WIRE LISTS

2-1 GENERAL.

This chapter contains computerized wiring lists arranged by major assembly cabinet number, then by subassembly reference designator. Listings include inter-unit, wiring between major unit assemblies and intra-unit, wiring within major assemblies. Wiring lists of simple assemblies are not included. No technical difference exists between wiring diagram references and schematic diagram references that differ by a non-significant 0, (zero) term, ie, TB01 is the same as TB1.

2-2 WIRE LISTS.

TABLE 2-1 lists details of wire types. TABLE 2-2 lists wire termination information. TABLE 2-3 list general notes. FIGURES 2-1 through 2-37 are the wire lists of the equipment of the figure titles. Tables 2-1 through 2-3 are referenced in TYPE, TERM, and NOTE column headings of the figure.

2-3 REVISION LEVELS

Format only changes to wire list engineering data does not affect wire lists as presented in this manual. The revision level indicated for each wire list in TABLE 2-4 identifies a revision level for engineering data wire list format only changes to each wire list. Revision levels I an O are not used.

TABLE 2-1. Wire Type Notes

NO	FSCM	WIRE PART NO	DESCRIPTION
W01	81349	M16878/17BFE9	22 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W02	81349	M16878/17BGE9	20 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W03	81349	M16878/17BHE9	18 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W04	81349	M16878/17BJE9	16 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W05	81349	M16878/17BKE9	14 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W06	81349	M16878/18BJE9	16 AWG,1000 VOLTS,WHITE,PER MIL-W-16878
W07	81349	M16878/19BHE9	18 AWG,3000 VOLTS,WHITE,PER MIL-W-16878
W08	81349	M16878/19BJE9	16 AWG,3000 VOLTS,WHITE,PER MIL-W-16878
W09	81349	M16878/19BKE9	14 AWG,3000 VOLTS,WHITE,PER MIL-W-16878
W10	81349	M16878/19BLE9	12 AWG,3000 VOLTS,WHITE,PER MIL-W-16878
W11	81349	M16878/19BMG9	10 AWG,3000 VOLTS,WHITE,PER MIL-W-16878
W12	81349	M16878/19BMG5	10 AWG,3000 VOLTS,GREEN,PER MIL-W-16878
W13	52151	150009-1	8 AWG,3000 VOLTS,WHITE,PER MIL-W-16878/19
W14	52151	150009-2	6 AWG,3000 VOLTS,WHITE,PER MIL-W-16878/19
W15	52151	423-3000-010	1 AWG,15000 VOLTS,SHIELDED
W16	81349	M27500-16A1T02	16 AWG,600 VOLTS,WHITE,SHIELDED, PER MIL-C-27500
W17	81349	M27500-18A1T02	18 AWG,600 VOLTS,WHITE,SHIELDED,PER MIL-C-27500
W18	81349	M27500-20A1T02	20 AWG,600 VOLTS,WHITE,SHEILDED,PER MIN-C-27500
W19	81349	M27500-22A1T02	22 AWG,600 VOLTS,WHITE,SHIELDED,PER MIL-C-27500
W20	81349	M27500-10P1T02	10 AWG,3000 VOLTS,WHITE,SHIELDED,PER MIL-C-27500
W21	81349	M27500-16P1T02	16 AWG,3000 VOLTS,WHITE,SHIELDED,PER MIL-C-27500
W22	81349	M27500-18P1T02	18 AWG,3000 VOLTS,WHITE,SHIELDED,PER MIL-C-27500
W23		NOT USED	

W24	52151	580-0744	2/0 AWG,1000 VOLTS,BLACK,DIESEL LOCOMOTIVE CABLE
W25	52151	580-0746	4/0 AWG,1000 VOLTS,BLACK,DIESEL LOCOMOTIVE CABLE
W26	52151	582-0008	8 AWG,30KV,WHITE,SILICONE RUBBER INSULATION
W27	81349	BC14P9-0SP	14 AWG,600 VOLTS,SHIELDED TWISTED PAIR PER MIL-C-55021
W28	81349	BC16P9-0SP	16 AWG,600 VOLTS,SHIELDED TWISTED PAIR PER MIL-C-55021
W29	81349	BC18P9-0SP	18 AWG,600 VOLTS,SHIELDED TWISTED PAIR PER MIL-C-55021
W30	81349	BC20P9-0SP	20 AWG,600 VOLTS,SHIELDED TWISTED PAIR PER MIL-C-55021
W31	81349	BC22P9-0SP	22 AWG,600 VOLTS,SHIELDED TWISTED PAIR PER MIL-C-55021
W32	81348	QQW343S10S1T	10 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W33	81348	QQW343S12S1T	12 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W34	81348	QQW343S14S1T	14 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W35	81348	QQW343S16S1T	16 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W36	81348	QQW343S18S1T	18 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W37	81348	QQW343S20S1T	20 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W38	81348	QQW343S22S1T	22 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W39	81348	QQW343S24S1T	24 AWG,UNINSULATED BUS WIRE PER FED SPEC QQ-W-343
W40	81348	QQB575F36T500	.625 INCH FLAT BRAID PER FED SPEC QQ-B-575
W41	81348	QQB575F36T781	.750 INCH FLAT BRAID PER FED SPEC QQ-B-575
W42	52151	583-0059	1.00 INCH FLAT BRAID
W43	81349	M17/75-RG214	COAXIAL CABLE,50 OHMS
W44	81349	M17/84-RG223	COAXIAL CABLE,50 OHMS
W45	81349	M17/113-RG316	COAXIAL CABLE,50 OHMS
W46	52151	580-0762	14 AWG,20KV,WHITE
W47	81349	M16878/17BEB9	24 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W48	81349	M16878/4BFA9	22 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W49	81349	M16878/4BEA9	24 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W50	52151	QQB575F36T375	.500 INCH FLAT BRAID
W51	52151	QQB575F36T078	.375 INCH FLAT BRAID
W52	81349	M16878/17BCE9	28 AWG,600 VOLTS,WHITE,PER MIL-W-16878
W53	81349	M16878/18BLE9	12 AWG,1000 VOLTS,WHITE,PER MIL-W-16878
W54	52151	582-0009	14 AWG,18 KVAC,60 KVDC,BLACK

TABLE 2-2. Wire Termination Notes

NO	FSCM	PART NUMBER	TYPE	COLOR	STUD SIZE (INCH)	WIRE SIZE (AWG)
01	52151	520-0994	SPADE	RED	.138	22-16
02	52151	520-0989	SPADE	RED	.086	22-16
03	96906	MS25036-151	RING	RED	.500	22-18
04	96906	MS25036-150	RING	RED	.250	22-18
05	96906	MS25036-103	RING	RED	.190	22-18
06	96906	MS25036-149	RING	RED	.164	22-18
07	96906	MS25036-102	RING	RED	.138	22-18
08	96906	MS25036-101	RING	RED	.138	22-18

TABLE 2-2. Wire Termination Notes (Cont)

09	96906	MS25036-148	RING	RED	.112	22-18
10	52151	520-1002	SPADE	BLUE	.138	16-14
11	96906	MS25036-155	RING	BLUE	.500	16-14
12	96906	MS25036-154	RING	BLUE	.250	16-14
13	96906	MS25036-108	RING	BLUE	.190	16-14
14	96906	MS25036-153	RING	BLUE	.164	16-14
15	96906	MS25036-107	RING	BLUE	.138	16-14
16	96906	MS25036-112	RING	YELLOW	.190	12-10
17	52151	520-1012	SPADE	YELLOW	.138	12-10
18	96906	MS25036-157	RING	YELLOW	.250	12-10
19	96906	MS25036-156	RING	YELLOW	.164	12-10
20	96906	MS25036-111	RING	YELLOW	.138	12-10
21	96906	MS20659-136	RING	--	.500	2/0
22	96906	MS20659-120	RING	--	.375	2/0
23	96906	MS20659-119	RING	--	.312	2/0
24	96906	MS20659-153	RING	--	.250	2/0
25	96906	MS20659-124	RING	--	.500	4/0
26	96906	MS20659-123	RING	--	.375	4/0
27	96906	MS20659-157	RING	--	.312	4/0
28	96906	MS20659-130	RING	--	.190	6
29	96906	MS20659-107	RING	--	.190	8
30	96906	MS20659-105	RING	--	.190	12-10
31	96906	MS20659-102	RING	--	.190	22-18
32	96906	MS20659-140	RING	--	.164	8
33	52151	520-0509	RING	--	.164	12-10
34	96906	MS25036-104	RING	RED	.312	22-18
35	96906	MS20659-141	RING	--	.250	8
36	96906	MS20659-134	RING	--	.500	1
37	96906	MS20659-104	RING	--	.190	16-14
38	52151	520-0503	RING	--	.164	16-14
39	96906	MS20659-142	RING	--	.500	8
40	52151	520-0998	SPADE	RED	.164	22-16
41	52151	520-1005	SPADE	BLUE	.164	16-14
42	52151	520-0515	RING	--	.164	22-16
43	96906	MS20659-163	RING	--	.312	16-14
44	96906	MS20659-161	RING	--	.312	22-18
45	96906	MS20659-106	RING	--	.312	12-10
46	96906	MS20659-108	RING	--	.312	8
47	96906	MS20659-164	RING	--	.500	16-14
48	96906	MS20659-143	RING	--	.500	6
49	96906	MS20659-109	RING	--	.250	6
50	96906	MS25036-158	RING	YELLOW	.500	12-10
51	52151	520-1016	SPADE	YELLOW	.190	12-10
52	96906	MS25036-106	RING	BLUE	.138	16-14
53	96906	MS20659-101	RING	--	.138	22-18
54	52151	520-1013	SPADE	YELLOW	.164	12-10
55	52151	520-0506	RING	--	.250	12-10
56	96906	MS35431-9	RING	--	.250	----
57	52151	304-7035-010	SPADE	--	.138	22-16
58	96906	MS20659-129	RING	--	.375	8
59		NOT USED				
60	96906	MS35431-5	RING	--	.190	12 MAX
61	52151	520-0932	RING	--	.250	12 MAX

TABLE 2-3. General Notes

LTR	DESCRIPTION		
A	52151	149847-3	INSULATION SLEEVING,.208 ID,1.25 +- .12 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
B	52151	149847-4	INSULATION SLEEVING,.250 ID,1.25 +- .12 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
C	52151	149847-5	INSULATION SLEEVING,.375 ID,1.50 +- .25 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
D	52151	149847-6	INSULATION SLEEVING,.500 ID,1.50 +- .25 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
E	52151	149847-7	INSULATION SLEEVING,.750 ID,1.25 +- .25 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
F	52151	149847-8	INSULATION SLEEVING,1.00 ID,2.00 +- .25 INCHES LONG WITH WIRE NO MARKED ON BOTH ENDS
G	SHIELD GROUND CONNECTION TO BE .375 MAXIMUM FROM ENDING OF SHIELD ON THE WIRE TO GROUND TERMINAL LUG		
H	SHIELD GROUND CONNECTION TO BE 1.50 +- .25 INCH FROM SHIELD TO GROUND TERMINAL LUG		
J	SOLDER TERMINAL CONNECTION: SOLDER PER MIL-STD-454, REQUIREMENT 5		
K	SOCKET SOLDER OR CRIMP: INSTALL CONTACTS AND SEALING PLUGS IN CONNECTORS IN ACCORDANCE WITH MIL-STD-454, REQUIREMENT 10		
L	TERMINAL NUMBERS ASSIGNED FOR WIRING PURPOSES ONLY AND DO NOT APPEAR ON TERMINALS.		
M	WIRE TYPE NUMBERS ASSIGNED FOR WIRING PURPOSES ONLY AND DO NOT APPEAR ON WIRES.		
N	USE APPROPRIATE ITEM NUMBER FROM ASSEMBLY PARTS LIST. IE N15=ITEM 15 FROM ASSEMBLY PARTS LIST.		
P	52151	149847-1	INSULATION SLEEVING
R	52151	149847-9	INSULATION SLEEVING
T	52151	149847-10	INSULATION SLEEVING
U	52151	149847-11	INSULATION SLEEVING
V	52151	149847-12	INSULATION SLEEVING
W	52151	149847-13	INSULATION SLEEVING
Y	52151	149847-14	INSULATION SLEEVING
AA	81349	M23053/5-10	4-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.125
AC	81349	M23053/5-10	5-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.187
AD	81349	M23053/5-10	7-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.375
AE	81349	M23053/5-10	6-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.250
AF	81349	M23053/5-10	9-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.750
AG	81349	M23053/5-10	8-0 INSULATION SLEEVING,ELECTRICAL,HEAT SHRINKABLE. 0.500

Table 2-4 Revision Levels

WIRE LIST	WIRE LIST REVISION LEVEL IN THIS MANUAL	ACTUAL WIRE LIST REVISION LEVEL WHICH INCLUDES FORMAT ONLY CHANGE
113366 Shts 3,7	V	W
113366 Shts 1,2,4-6,8-12	U (NO CHANGE U-V)	W
113367	N	P
113369	G	H
113371	N	N
113372	H	J
113373	H	J
113374	K	K
113375	K	K
113376	M	M
113377	H	H
113378	H	J
113379	G	H
113381	F	G
146265	G	H
146266	G	H
146267	G	H
146268	F	G
146269	F	G
146308	F	G
146309	H	J
146310	F	G
146311	G	H
146312	F	G
146313	H	J
146314	H	J
146315	H	J
146316	J	K
146317	H	J
146318	K	L
146319	J	K
146320	J	K
146321	H	H
146322	H	H
146323	G	H
146454	J	J
146457	H	H

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
W04	RG223		W44	A01AT3-P2			AR1-INPUTP1			149531-2	
W03	RG223		W44	A01AT6-P2			DC1-OUT-P1			149540-1	
W44	RG223		W44	A01AT15-J1			W45-P2			149552-1	
W48	RG223		W44	A01AT16-P1			W49-P2			149552-3	
W52	RG223		W44	A01AT17-J1			W53-P2			149553-2	
W56	RG223		W44	A01AT18-J1			W57-P2			149554-1	
W60	RG223		W44	A01AT19-J1			W61-P2			149554-3	
W64	RG223		W44	A01AT20-J1			W65-P2			149556-2	
W22	RG223		W44	A01CP4-P1			W23-P2			149548-2	
W26	RG223		W44	A01CP5-P1			W27-P2			149549-1	
W30	RG223		W44	A01CP6-P1			W31-P2			149549-3	
W34	RG223		W44	A01CP7-P1			W35-P2			149550-2	
W38	RG223		W44	A01CP8-P1			W39-P2			149551-1	
W71	RG223		W44	A01CP9-P1			W70-P2			149556-3	
1050A	18 AWG	WHITE	W17	A01TB1-01	01	AA	TB06-05	01	AA		
1050B		SHIELD		GND	15	G	GND	15			
1052A	18 AWG	WHITE	W17	A01TB1-02	01	AA	TB06-10	01	AA		
1052B		SHIELD		GND	15	G	GND	15	G		
1054A	18 AWG	WHITE	W17	A01TB1-03	01	AA	TB06-15	01	AA		
1054B		SHIELD		GND	15	G	GND	15	G		
1067A	18 AWG	WHITE	W17	A01TB1-04	01	AA	TB07-04	01	AA		
1067B		SHIELD		GND	15	G	GND	15	G		
1069A	18 AWG	WHITE	W17	A01TB1-05	01	AA	TB07-09	01	AA		
1069B		SHIELD		GND	15	G	GND	15	G		
1071A	18 AWG	WHITE	W17	A01TB1-06	01	AA	TB07-15	01	AA		
1071B		SHIELD		GND	15	G	GND	15	G		
1081A	18 AWG	WHITE	W17	A01TB1-07	01	AA	TB08-01	01	AA		
1081B		SHIELD		GND	15	G	GND	15	G		
1083A	18 AWG	WHITE	W17	A01TB1-08	01	AA	TB08-04	01	AA		
1083B		SHIELD		GND	15	G	GND	15	G		
1085A	18 AWG	WHITE	W17	A01TB1-09	01	AA	TB08-15	08	AA		
1085B		SHIELD		GND	15	G	GND	15	G		
1096A	18 AWG	WHITE	W17	A01TB1-10	01	AA	TB09-03	08	AA		
1096B		SHIELD		GND	15	G	GND	15	G		
1097A	18 AWG	WHITE	W17	A01TB1-11	01	AA	TB09-08	08	AA		
1097B		SHIELD		GND	15	G	GND	15	G		
1129	18 AWG	WHITE	W03	A01TB1-12	01		TB16-07	01			
1130	18 AWG	WHITE	W03	A01TB1-13	01		TB16-08	08			
1131	18 AWG	WHITE	W03	A01TB1-14	01		TB16-09	08			
1132	18 AWG	WHITE	W03	A01TB1-15	01		TB16-10	01			
1134	18 AWG	WHITE	W03	A01TB1-16	01		TB16-12	01			
1159	18 AWG	WHITE	W03	A01TB1-17	01		TB16-16	01			
1038A	18 AWG	WHITE	W17	A01TB1-18	01	AA	TB05-01	01	AA		
1038B		SHIELD		GND	15	G	GND	15	G		
1041A	18 AWG	WHITE	W17	A01TB2-01	01	AA	TB05-04	01	AA		
1041B		SHIELD		GND	15	G	GND	15	G		
1042A	18 AWG	WHITE	W17	A01TB2-02	01	AA	TB05-12	01	AA		
1042B		SHIELD		GND	15	G	GND	15	G		
1043A	18 AWG	WHITE	W17	A01TB2-03	01	AA	TB05-13	01	AA		
1043B		SHIELD		GND	15	G	GND	15	G		
1044A	18 AWG	WHITE	W17	A01TB2-04	01	AA	TB05-19	01	AA		
1044B		SHIELD		GND	15	G	GND	15	G		
1045A	18 AWG	WHITE	W17	A01TB2-05	01	AA	TB05-20	01	AA		
1045B		SHIELD		GND	15	G	GND	15	G		
1119A	18 AWG	WHITE	W17	A01TB2-06	01	AA	TB14-03	01	AA		
1119B		SHIELD		GND	15	G	GND	15	G		
1102A	18 AWG	WHITE	W17	A01TB2-07	01	AA	TB10-03	01	AA		
1102B		SHIELD		GND	15	G	GND	15	G		
1009	18 AWG	WHITE	W03	A01TB2-08	01		TB03-02	08			
1012	18 AWG	WHITE	W03	A01TB2-09	01		TB03-05	01			
1168	18 AWG	WHITE	W03	A01TB2-10	01		TB18-01	01			
1169	18 AWG	WHITE	W03	A01TB2-11	01		TB21-01	08			
1017	18 AWG	WHITE	W03	A01TB2-12	01		TB03-12	01			
1018	18 AWG	WHITE	W03	A01TB2-13	01		TB03-13	01			
1019	18 AWG	WHITE	W03	A01TB2-14	01		TB03-14	01			
1020	18 AWG	WHITE	W03	A01TB2-15	01		TB03-15	01			
1021	18 AWG	WHITE	W03	A01TB2-16	01		TB03-16	01			
1022	18 AWG	WHITE	W03	A01TB2-17	01		TB03-17	01			
1023	18 AWG	WHITE	W03	A01TB2-18	01		TB03-18	01			
1024	18 AWG	WHITE	W03	A01TB3-01	01		TB03-19	01			
1025	18 AWG	WHITE	W03	A01TB3-02	01		TB03-20	01			
1026	18 AWG	WHITE	W03	A01TB3-03	01		TB04-01	01			
1170A	22 AWG	WHITE	W31	A01TB3-04	01	AA	J01-01			K	
1170B		BLACK		A01TB3-05	01		J01-02			K	
1170C		SHIELD		GND	15	G					
1171A	22 AWG	WHITE	W31	A01TB3-06	01	AA	J01-03			K,AA	
1171B		BLACK		A01TB3-07	01		J01-04			K	
1171C		SHIELD		GND	15	G					
1172A	22 AWG	WHITE	W31	A01TB3-08	01	AA	J01-05			K,AA	
1172B		BLACK		A01TB3-09	01		J01-06			K	
1172C		SHIELD		GND	15	G					
1173A	22 AWG	WHITE	W31	A01TB3-10	01	AA	J01-07			K,AA	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 1 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1173B		BLACK		A01TB3-11	01		J01-08			K	
1173C		SHIELD		GND	15	G					
1174A	22 AWG	WHITE	W31	A01TB3-12	01	AA	J01-09			K,AA	
1174B		BLACK		A01TB3-13	01		J01-10			K	
1174C		SHIELD		GND	15	G					
1175	18 AWG	WHITE	W03	A01TB3-14	01		PS3TB1-05	08			
1210	18 AWG	WHITE	W03	A01TB3-14	01		A25S3-1	01			
1178	18 AWG	WHITE	W03	A01TB3-17	01		PS1-3	01			
	18 AWG	WHITE	W03	A01TB3-17	08		GND	01		JUMPER	
	18 AWG	WHITE	W03	A01TB3-18	01		GND	01		JUMPER	
1179	18 AWG	WHITE	W03	A01TB3-18	01		PS1-4	01			
1180	18 AWG	WHITE	W03	A01TB4-01	01		A24TB3-09	08			
1182	18 AWG	WHITE	W03	A01TB4-02	01		S29-NO	07			
1113	18 AWG	WHITE	W03	A01TB4-03	01		TB13-02	01			
1109	18 AWG	WHITE	W03	A01TB4-04	01		TB12-02	01			
1107	18 AWG	WHITE	W03	A01TB4-05	01		TB11-02	01			
1467	18 AWG	WHITE	W03	A01TB4-06	01		A23TB1-03	01			
1183	18 AWG	WHITE	W03	A01TB4-07	01		A24TB3-11	08			
1030	18 AWG	WHITE	W03	A01TB4-08	01		TB04-05	01			
1036	18 AWG	WHITE	W03	A01TB4-09	01		TB04-15	08			
1581A	18 AWG	WHITE	W17	A01TB4-10	01	AA	A24TB4-02	01	AA		
1581B		SHIELD		GND	15	G					
1184	18 AWG	WHITE	W03	A01TB4-11	01		S38TB1-07	01			
1150	18 AWG	WHITE	W03	A01TB4-12	01		TB09-04	08			
1176	18 AWG	WHITE	W03	A01TB4-13	01		PS1-6	07			
1177	18 AWG	WHITE	W03	A01TB4-14	01		PS1-6	07			
1580	18 AWG	WHITE	W03	A01TB4-15	07		TB09-09	07			
1583	16 AWG	WHITE	W04	A01TB4-16	01		TB09-10	01			
1189	18 AWG	WHITE	W03	A01TB4-17	01		E33		J		
1190	18 AWG	WHITE	W03	A01TB4-18	01		E30		J		
1191	18 AWG	WHITE	W03	A01TB5-01	01		A08TB1-12	01			
1029	18 AWG	WHITE	W03	A01TB5-02	01		TB04-04	01			
1557	18 AWG	WHITE	W03	A01TB5-02	08		A25K1-X2	07			
1192A	18 AWG	WHITE	W17	A01TB5-03	01	AA	PS3TB1-07	01	AA		
1192B		SHIELD		GND	15	G					
1193A	18 AWG	WHITE	W17	A01TB5-04	01	AA	PS4TB1-07	01	AA		
1193B		SHIELD		GND	15	G					
1194A	18 AWG	WHITE	W17	A01TB5-05	01	AA	PS5TB1-07	01	AA		
1194B		SHIELD		GND	15	G					
1195	18 AWG	WHITE	W03	A01TB5-06	01		A25S2-2		J		
1196	18 AWG	WHITE	W03	A01TB5-07	01		S29-NC	07			
1197	18 AWG	WHITE	W03	A01TB5-08	01		A08TB1-14	01			
1198A	18 AWG	WHITE	W17	A01TB5-09	01	AA	A25K1-A1	06	AA		
1198B		SHIELD		GND	15	G					
1199A	18 AWG	WHITE	W29	A01TB5-10	01		L39-2		J,AE		
1199B		BLACK		A01TB5-11	01		L38-2		J		
1199C		SHIELD		GND	15	G					
1200A	18 AWG	WHITE	W29	A01TB5-12	01	AE	L40-2		J,AE		
1200B		BLACK		A01TB5-13	01		L41-2		J		
1200C		SHIELD		GND	15	G					
1201A	18 AWG	WHITE	W29	A01TB5-14	01	AE	L42-2		J,AE		
1201B		BLACK		A01TB5-15	01		L43-2		J		
1201C		SHIELD		GND	15	G					
1202A	18 AWG	WHITE	W29	A01TB5-17	01	AE	A13TB1-14	08	AE		
1202B		BLACK		A01TB5-16	01		A13TB1-15	08			
1202C		SHIELD		GND	15	G	GND	15			
1203A	18 AWG	WHITE	W29	A01TB5-18	01	AE	A13TB1-16	08	AE		
1203B		BLACK		A01TB6-01	01		A13TB1-17	08			
1203C		SHIELD		GND	15	G	GND	15			
1204A	18 AWG	WHITE	W29	A01TB6-02	01	AE	A13TB1-01	08	AE		
1204B		BLACK		A01TB6-03	01		A13TB1-02	08			
1204C		SHIELD		GND	15	G	GND	15			
1205A	18 AWG	WHITE	W29	A01TB6-04	01	AE	A13TB1-06	08	AE		
1205B		BLACK		A01TB6-05	01		A13TB1-07	08			
1205C		SHIELD		GND	15	G	GND	15			
1206A	18 AWG	WHITE	W17	A01TB6-06	01	AA	C003-2		J,AA		
1206B		SHIELD		GND	15	G	GND	15			
1207A	18 AWG	WHITE	W17	A01TB6-07	01	AA	C017-2		J,AA		
1207B		SHIELD		GND	15	G	GND	15	J,G		
1208A	18 AWG	WHITE	W17	A01TB6-08	01	AA	A04C4-1		J,AA		
1208B		SHIELD		GND	15	G	GND		J,G		
1209A	18 AWG	WHITE	W17	A01TB6-09	01	AA	A05C3-1		J,AA		
1209B		SHIELD		GND	15	G	GND		J,G		
1000A	18 AWG	WHITE	W17	A01TB6-10	01	AA	TB01-2	01	AA		
1000B		SHIELD		GND	15	G	GND	15	G		
1358A	18 AWG	WHITE	W17	A01TB6-11	01	AA	E29		J,AA		
1358B		SHIELD		GND	15	G	GND	15	G		
1211	18 AWG	WHITE	W03	A01TB6-12	01		E26		J		
1098	18 AWG	WHITE	W03	A01TB6-13	01		TB04-17	01			
1212	18 AWG	WHITE	W03	A01TB6-14	01		E34		J		
1213	18 AWG	WHITE	W03	A01TB6-15	01		E36		J		
1214	18 AWG	WHITE	W03	A01TB6-16	01		E38		J		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 2 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1215	18 AWG	WHITE	W03	A01TB6-17	01		E40		J		
1216	18 AWG	WHITE	W03	A01TB6-18	01		E42		J		
1585A	18 AWG	WHITE	W17	A01TB6-19	01		A25J5-A		K,A		
1585B		SHIELD		GND	15	G					
1470A	18 AWG	WHITE	W17	A01TB6-19	01		S34TB1-04	01	AA		
1470B		SHIELD		GND	15	G					
1217	18 AWG	WHITE	W03	A01TB7-01	01		E44		J		
1218	18 AWG	WHITE	W03	A01TB7-02	01		E46		J		
1219	18 AWG	WHITE	W03	A01TB7-03	01		E48		J		
1220	18 AWG	WHITE	W03	A01TB7-04	01		E50		J		
1221	18 AWG	WHITE	W03	A01TB7-05	01		E52		J		
1296A	22 AWG	WHITE	W31	A01TB7-06	01	AA	J01-11		K,AA		
1296B		BLACK		A01TB7-07	01		J01-12		K		
1296C		SHIELD		GND	15	G					
1297A	22 AWG	WHITE	W31	A01TB7-08	01	AA	J01-13		K,AA		
1297B		BLACK		A01TB7-09	01		J01-14		K		
1297C		SHIELD		GND	15	G					
1298A	22 AWG	WHITE	W31	A01TB7-10	01	AA	J01-15		K,AA		
1298B		BLACK		A01TB7-11	01		J01-16		K		
1298C		SHIELD		GND	15	G					
1299A	22 AWG	WHITE	W31	A01TB7-12	01	AA	J01-17		K,AA		
1299B		BLACK		A01TB7-13	01		J01-18		K		
1299C		SHIELD		GND	15	G					
1300A	22 AWG	WHITE	W31	A01TB7-14	01	AA	J01-19		K,AA		
1300B		BLACK		A01TB7-15	01		J01-20		K		
1300C		SHIELD		GND	15	G					
1301A	18 AWG	WHITE	W17	A01TB7-18	01	AA	A12E1	01	AA		
1301B		SHIELD		GND	15	G	GND	15	G		
1380A	18 AWG	WHITE	W29	A01TB8-01	01	AE	L47-2		J,AE		
1380B		BLACK		A01TB8-02	01		L46-2		J		
1380C		SHIELD		GND	15	G	GND		J		
1359A	18 AWG	WHITE	W29	A01TB8-03	01	AE	L44-2		J,AE		
1359B		BLACK		A01TB8-04	01		L45-2		J		
1359C		SHIELD		GND	15	G	GND		J		
1360A	18 AWG	WHITE	W29	A01TB8-05	01	AE	L49-2		J,AE		
1360B		BLACK		A01TB8-06	01		L48-2		J		
1360C		SHIELD		GND	15	G	GND		J		
1364A	18 AWG	WHITE	W17	A01TB8-07	01	AA	PS3E8	01	AA		
1364B		SHIELD		GND	15	G	GND		G,J		
1367A	18 AWG	WHITE	W17	A01TB8-08	01	AA	PS4E5	01	AA		
1367B		SHIELD		GND	15	G	GND		G,J		
1368A	18 AWG	WHITE	W17	A01TB8-09	01	AA	PS5E5	06	AA		
1368B		SHIELD		GND	15	G	GND		G,J		
1369	18 AWG	WHITE	W03	A01TB8-10	01		A25S3-8		J		
1489	18 AWG	WHITE	W03	A01TB8-10	08		PS3TB1-06	01			
1013	18 AWG	WHITE	W03	A01TB8-11	01		TB03-07	01			
1586	18 AWG	WHITE	W03	A01TB8-11	07		A24TB3-19	08			
1468A	18 AWG	WHITE	W17	A01TB8-12	01	AA	S34TB1-02	01	AA		
1468B		SHIELD		GND	15	G					
1469A	18 AWG	WHITE	W17	A01TB8-13	01	AA	S34TB1-06	01	AA		
1469B		SHIELD		GND	15	G					
1584A	18 AWG	WHITE	W17	A01TB8-13	01	AA	A25J5-C		K		
1584B		SHIELD		GND	15	G	A25J5-E				
1324A	18 AWG	WHITE	W17	A01TB8-15	01	AA	TB08-08	08	AA		
1324B		SHIELD		GND	15	G	GND	14	G		
1325A	18 AWG	WHITE	W17	A01TB8-16	01	AA	TB8-09	08	AA		
1325B		SHIELD		GND	15	G	GND	14	G		
				A02C1-1		J	XV1-GRID		J	COMPONENT LEAD	
	18 AWG	WHITE	W17	A02C4-2		J,AA	C003-1		J,AA	JUMPER	
		SHIELD		GND	15	G					
				A03C1-1		J	XV2-GRID		J	COMPONENT LEAD	
	RG223		W44	A03C4-2		J,B	C017-1		J,B	JUMPER	
		SHIELD		GND	15	G					
				A04C1-1		J	XV3-GRID		J	COMPONENT LEAD	
1208A	18 AWG	WHITE	W17	A04C4-1		J,AA	A01TB6-08	01	AA		
1208B		SHIELD		GND		J,G	GND	15	G		
1209A	18 AWG	WHITE	W17	A05C3-1		J,AA	A01TB6-09	01	AA		
1209B		SHIELD		GND		J,G	GND	15	G		
				A05C1-1		J	C067-2		J	COMPONENT LEAD	
1292A	RG223		W44	A05R2-2		K,B	A25-J1		K,B		
1292B		SHIELD		GND	15	K,G	GND		K,G		
	10 AWG	BUS		A06E1		N268	C091(-)			MANUFACTURED BUS	
1226A	18 AWG	WHITE	W29	A06E4	06		A13TB1-09	08			
1226B		BLACK		A06E2	06		A13TB1-10	08	G		
1226C		SHIELD		A06E3		G	GND	15	G		
1227A	18 AWG	WHITE	W17	A06E5	06	AA	A25S1-2		J,AA		
1227B		SHIELD		A06E6		G	GND	15	G		
1228	12 AWG	WHITE	W53	A07E1	19		C095(-)	19		SEP FORM	
1229A	18 AWG	WHITE	W29	A07E04	06		A13TB1-19	08			
1229B		BLACK		A07E02	06		A13TB1-20	08			
1229C		SHIELD		A07E03		G	GND	15	G		
1230A	18 AWG	WHITE	W17	A07E5	06	AA	A25S1-4		J,AA		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 3 of 29)

WIRE NO	SIZE	COLOR	TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1230B		SHIELD		A07E6		G	GND	15	G		
1231A	20 AWG	WHITE	W30	A08TB1-01	01	AC	A14P3-A		K,AC		
1231B		BLACK		A08TB1-03	01		A14P3-B		K		
1231C		SHIELD		A08TB1-02	15	H	A14P3-C		K,G		
1232A	20 AWG	WHITE	W30	A08TB1-01	01	AC	A15P4-A		K,AC		
1232B		BLACK		A08TB1-03	01		A15P4-B		K		
1232C		SHIELD		A08TB1-02	15	H	A15P4-C		K,G		
1233A	20 AWG	WHITE	W30	A08TB1-04	01	AC	A16P5-A		K,AC		
1233B		BLACK		A08TB1-06	01		A16P5-B		K		
1233C		SHIELD		A08TB1-05	15	H	A16P5-C		K,G		
1234A	18 AWG	WHITE	W29	A08TB1-04	01	AE	J18-A		K,H		
1234B		BLACK		A08TB1-06	01		J18-B		K		
1234C		SHIELD		A08TB1-05	15	H	GND	02	J		
1235A	18 AWG	WHITE	W29	A08TB1-07	01	AE	J19-A		K,AE		
1235B		BLACK		A08TB1-09	01		J19-B		K		
1235C		SHIELD		A08TB1-08	15	H	GND	02	G		
1236A	20 AWG	WHITE	W30	A08TB1-07	01	AC	A18P6-A		K,AC		
1236B		BLACK		A08TB1-09	01	H	A18P6-B		K		
1236C		SHIELD		A08TB1-08	15	H	A18P6-C		K,G		
1103	18 AWG	WHITE	W03	A08TB1-10	01		TB14-01	08			
1101	18 AWG	WHITE	W03	A08TB1-10	01		TB10-01	01			
1238	18 AWG	WHITE	W03	A08TB1-11	01		A24TB3-16	01			
1191	18 AWG	WHITE	W03	A08TB1-12	01		A01TB5-01	01			
	18 AWG	WHITE	W03	A08TB1-12	01		A08TB1-13	01		JUMPER	
1028	18 AWG	WHITE	W03	A08TB1-13	01		TB04-03	01			
	18 AWG	WHITE	W03	A08TB1-13	01		A08TB1-12	01		JUMPER	
1197	18 AWG	WHITE	W03	A08TB1-14	01		A01TB5-08	01			
				A08TB1-16		N526	CR09(C)			COMPONENT LEAD	
1237A	20 AWG	WHITE	W30	A08TB1-17	01	AC	A20P2-A		J,AC		
1237B		BLACK		A08TB1-18	01		A20P2-B		J		
1237C		SHIELD		A08TB1-15	15	H	A20P2-C		J,G		
1590A	20 AWG	WHITE	W30	A08TB1-19	01		P7-A				
1590B		BLACK		A08TB1-20	01		P7-B				
1590C		SHIELD		GND	01		P7-C				
1591A	20 AWG	WHITE	W30	A08TB1-19	01		P8-A				
1591B		BLACK		A08TB1-20	01		P8-B				
1591C		SHIELD		GND	01		P8-C				
1513A	18 AWG	WHITE	W17	A09E1		J,AA	PS3E5	06	AA		
1513B		SHIELD					GND	38	G		
1514A	18 AWG	WHITE	W17	A09E2		J,AA	PS3E6	06	AA		
1514B		SHIELD					GND	38	G		
1515A	18 AWG	WHITE	W17	A09E3		J,AA	PS3E7	06	AA		
1515B		SHIELD					GND	38	G		
1516A	18 AWG	WHITE	W17	A09E4		J,AA	PS4E2	06	AA		
1516B		SHIELD					GND	38	G		
1517A	18 AWG	WHITE	W17	A09E5		J,AA	PS4E3	06	AA		
1517B		SHIELD					GND	38	G		
1518A	18 AWG	WHITE	W17	A09E6		J,AA	PS4E4	06	AA		
1518B		SHIELD					GND	38	G		
1519A	18 AWG	WHITE	W17	A09E7		J,AA	PS5E2	06	AA		
1519B		SHIELD					GND	38	G		
1520A	18 AWG	WHITE	W17	A09E8		J,AA	PS5E3	06	AA		
1520B		SHIELD					GND	38	G		
1521A	18 AWG	WHITE	W17	A09E9		J,AA	PS5E4	06	AA		
1521B		SHIELD					GND	38	G		
1510A	18 AWG	WHITE	W17	A09TB1-01	01	AA	PS3E2	06	AA		
1510B		SHIELD					GND	38	G		
1511A	18 AWG	WHITE	W17	A09TB1-02	01	AA	PS3E3	06	AA		
1511B		SHIELD					GND	38	G		
1512A	18 AWG	WHITE	W17	A09TB1-03	01	AA	PS3E4	06	AA		
1512B		SHIELD					GND	38	G		
1484	18 AWG	WHITE	W03	A09TB1-04	01		A25S2-2		J		
1471	18 AWG	WHITE	W03	A09TB1-05	01		GND	15	G		
1471	18 AWG	WHITE	W03	GND	15	G	A09TB1-05	01			
1037	18 AWG	WHITE	W03	A09TB1-06	01		TB04-16	01			
1472	18 AWG	WHITE	W03	A09TB1-07	01		A24TB2-10	01			
1473	18 AWG	WHITE	W03	A09TB1-08	01		A24TB2-11	01			
1474	18 AWG	WHITE	W03	A09TB1-09	01		A24TB2-12	01			
1475	18 AWG	WHITE	W03	A09TB1-10	01		PS4TB1-01	01			
1476	18 AWG	WHITE	W03	A09TB1-11	01		PS4TB1-02	01			
1477	18 AWG	WHITE	W03	A09TB1-12	01		PS4TB1-03	01			
1478	18 AWG	WHITE	W03	A09TB1-14	01		A24TB2-13	01			
1479	18 AWG	WHITE	W03	A09TB1-15	01		A24TB2-14	01			
1480	18 AWG	WHITE	W03	A09TB1-16	01		A24TB2-15	01			
1481	18 AWG	WHITE	W03	A09TB1-17	01		PS5TB1-03	01			
1482	18 AWG	WHITE	W03	A09TB1-18	01		PS5TB1-02	01			
1483	18 AWG	WHITE	W03	A09TB1-19	01		PS5TB1-01	01			
1526A	RG223		W44	A10R1-1	05	B	A25-J3		K		
1526B		SHIELD		GND	15	G	GND		K		
1293A	RG223		W44	A11R1-1	05	B	A25-J2		K		
1293B		SHIELD		GND	15	G	GND		K		
1240	10 AWG	WHITE	W11	A12E1	19		C084-1	16		SEP FORM	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 4 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1301A	18 AWG	WHITE	W17	A12E1	01	AA	A01TB7-18	01	AA		
1301B		SHIELD		GND	15	G	GND	15	G		
1241A	18 AWG	WHITE	W29	A12E2	06	AE	A13TB2-07	08	AE		
1241B		BLACK		A12E4	06		A13TB2-06	08	G		
1241C		SHIELD		A12E3	06		GND	15	G		
1242A	18 AWG	WHITE	W17	A12E5	06	AA	A25S1-6		J,AA		
1242B		SHIELD		A12E6	06	G					
1204A	18 AWG	WHITE	W29	A13TB1-01	08	AE	A01TB6-02	01	AE		
1204B		BLACK		A13TB1-02	08		A01TB6-03	01			
1204C		SHIELD		GND	15	G	GND	15	G		
1032A	14 AWG	WHITE	W27	A13TB1-05	52		TB04-07	15	AD		
1032B		BLACK		A13TB1-04	52		TB04-08	15			
1032C		SHIELD		GND	15	G	GND	14	G		
1205A	18 AWG	WHITE	W29	A13TB1-06	08	AE	A01TB6-04	01	AE		
1205B		BLACK		A13TB1-07	08		A01TB6-05	01			
1205C		SHIELD		GND	15	G	GND	15	G		
1226A	18 AWG	WHITE	W29	A13TB1-09	08		A06E4	06			
1226B		BLACK		A13TB1-10	08		A06E2	06			
1226C		SHIELD		GND	15	G	A06E3	06	G		
1033A	14 AWG	WHITE	W27	A13TB1-12	52	AD	TB04-11	15	AD		
1033B		BLACK		A13TB1-11	52		TB04-10	15			
1033C		SHIELD		GND	15	G	GND	14	G		
1202A	18 AWG	WHITE	W29	A13TB1-14	08	AE	A01TB5-17	01	AE		
1202B		BLACK		A13TB1-15	08		A01TB5-16	01			
1202C		SHIELD		GND	15		GND	15	G		
1203A	18 AWG	WHITE	W29	A13TB1-16	08	AE	A01TB5-18	01	AE		
1203B		BLACK		A13TB1-17	08		A01TB6-01	01			
1203C		SHIELD					GND	15	G		
1229A	18 AWG	WHITE	W29	A13TB1-19	08		A07E4	06			
1229B		BLACK		A13TB1-20	08		A07E2	06			
1229C		SHIELD		GND	15	G	A07E3	06	G		
1034A	14 AWG	WHITE	W27	A13TB2-04	52	AD	TB04-13	15	AD		
1034B		BLACK		A13TB2-03	52		TB04-12	15			
1034C		SHIELD		GND	15	G	GND	14	G		
1241A	18 AWG	WHITE	W29	A13TB2-07	08	AE	A12E2	06	AE		
1241B		BLACK		A13TB2-06	08		A12E4	06			
1241C		SHIELD		GND	15	G	A12E3	06	G		
1231A	20 AWG	WHITE	W30	A14P3-A		K,AC	A08TB1-01	01	AC		
1231B		BLACK		A14P3-B		K	A08TB1-03	01			
1231C		SHIELD		A14P3-C		K,G	A08TB1-02	15	H		
1232A	20 AWG	WHITE	W30	A15P4-A		K,AC	A08TB1-01	01	AC		
1232B		BLACK		A15P4-B		K	A08TB1-03	01			
1232C		SHIELD		A15P4-C		K,G	A08TB1-02	15	H		
1233A	20 AWG	WHITE	W30	A16P5-A		K,AC	A08TB1-04	01	AC		
1233B		BLACK		A16P5-B		K	A08TB1-06	01			
1233C		SHIELD		A16P5-C		K,G	A08TB1-05	15	H		
W69	20 AWG	WHITE	W30	A17-P1			J19-P2				
1236A	20 AWG	WHITE	W30	A18P6-A		K,AC	A08TB1-07	01	AC		
1236B		BLACK		A18P6-B		K	A08TB1-09	01			
1236C		SHIELD		A18P6-C		K,G	A08TB1-08	15	H		
W68	20 AWG	WHITE	W30	A19-P1			J18-P2				
1237A	20 AWG	WHITE	W30	A20P2-A		K,AC	A08TB1-17	01			
1237B		BLACK		A20P2-B		K	A08TB1-18	01			
1237C		SHIELD		A20P2-C		J,G	A08TB1-15	15	H		
				A21R1-1			C032-2	42		COMPONENT LEAD	
				A21R1-2			C049-2	42	J	COMPONENT LEAD	
				A22R1-1			GND		N525	COMPONENT LEAD	
				A22R1-2			C100-2	56		COMPONENT LEAD	
1553	8 AWG	WHITE	W13	A23CB1-1	29	B	TB17-09	29	B	RUN 3/8 IN BRAID	
	3/8 IN	BRAID	W51	A23-	14	AG	TB17-	14	AG	SHIELD FOR WIRE NO 1553	
	8 AWG	WHITE	W13	A23CB1-02	29	B	TB02-02	29	B	JUMPER	
1256	18 AWG	WHITE	W03	A23CB2-2	06		A24TB1-07	01			
1257	18 AWG	WHITE	W03	A23CB2-4	06		A24TB1-08	01			
1258	18 AWG	WHITE	W03	A23CB2-6	06		A24TB1-09	01			
1260	18 AWG	WHITE	W03	A23CB3-4	06		A24TB1-11	01			
1259	18 AWG	WHITE	W03	A23CB3-2	06		A24TB1-10	01			
1261	18 AWG	WHITE	W03	A23CB3-6	06		A24TB1-12	01			
	1/2 IN	BRAID	W50	A23-	14	AF	TB17-	14	AF	SHIELD FOR 1160,1161,1162,1163	
1160	8 AWG	WHITE	W13	A23CB4-1	29	B	TB17-01	29	B	IN BRAID WITH 1161,1162 & 1163	
1262	18 AWG	WHITE	W03	A23CB4-2	06		A24TB1-13	01			
1161	8 AWG	WHITE	W13	A23CB4-3	29	C	TB17-02	29	B	IN BRAID WITH 1160,1162 & 1163	
1263	18 AWG	WHITE	W03	A23CB4-4	06		A24TB1-14	01			
1162	8 AWG	WHITE	W13	A23CB4-5	29	B	TB17-03	29	B	IN BRAID WITH 1160,1161 & 1163	
1264	18 AWG	WHITE	W03	A23CB4-6	06		A24TB1-15	01			
1250	16 AWG	WHITE	W04	A23CB5-2	14		A24TB1-01	15			
1251	16 AWG	WHITE	W04	A23CB5-4	14		A24TB1-02	15			
1252	16 AWG	WHITE	W04	A23CB5-6	14		A24TB1-03	15			
1253	12 AWG	WHITE	W53	A23CB6-2	19		A24TB1-04	20			
1254	12 AWG	WHITE	W53	A23CB6-4	19		A24TB1-05	20			
1255	12 AWG	WHITE	W53	A23CB6-6	19		A24TB1-06	20			
1265	12 AWG	WHITE	W53	A23CB7-2	19		A24TB1-16	20			
1286	12 AWG	WHITE	W53	A23CB7-3	19		A24TB4-04	20			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 5 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1266	12	AWG WHITE	W53	A23CB7-4	19		A24TB1-17	20			
1267	12	AWG WHITE	W53	A23CB7-6	19		A24TB1-18	20			
1467	18	AWG WHITE	W03	A23TB1-03	01		A01TB4-06	01			
1247	18	AWG WHITE	W03	A23TB1-04	01		A24TB3-05	01			
1035	18	AWG WHITE	W03	A23TB1-05	01		TB04-15	01			
1120	18	AWG WHITE	W03	A23TB1-06	01		TB15-04	01			
1248	18	AWG WHITE	W03	A23TB1-10	01		A24TB4-05	01			
	18	AWG WHITE	W03	A23TB1-11	01		TB02-01	05		JUMPER	
1250	16	AWG WHITE	W04	A24TB1-01	15		A23CB5-2	14			
1251	16	AWG WHITE	W04	A24TB1-02	15		A23CB5-4	14			
1252	16	AWG WHITE	W04	A24TB1-03	15		A23CB5-6	14			
1253	12	AWG WHITE	W53	A24TB1-04	20		A23CB6-2	19			
1254	12	AWG WHITE	W53	A24TB1-05	20		A23CB6-4	19			
1255	12	AWG WHITE	W53	A24TB1-06	20		A23CB6-6	19			
1256	18	AWG WHITE	W03	A24TB1-07	01		A23CB2-2	06			
1257	18	AWG WHITE	W03	A24TB1-08	01		A23CB2-4	06			
1258	18	AWG WHITE	W03	A24TB1-09	01		A23CB2-6	06			
1259	18	AWG WHITE	W03	A24TB1-10	01		A23CB3-2	06			
1260	18	AWG WHITE	W03	A24TB1-11	01		A23CB3-4	06			
1261	18	AWG WHITE	W03	A24TB1-12	01		A23CB3-6	06			
1262	18	AWG WHITE	W03	A24TB1-13	01		A23CB4-2	06			
1264	18	AWG WHITE	W03	A24TB1-15	01		A23CB4-6	06			
1263	18	AWG WHITE	W03	A24TB1-14	01		A23CB4-4	06			
1265	12	AWG WHITE	W53	A24TB1-16	20		A23CB7-2	19			
1266	12	AWG WHITE	W53	A24TB1-17	20		A23CB7-4	19			
1267	12	AWG WHITE	W53	A24TB1-18	20		A23CB7-6	19			
1268	16	AWG WHITE	W04	A24TB2-01	15		T3-A-COM-SE	15			
1269	16	AWG WHITE	W04	A24TB2-02	15		T3-B-COM-SE	15			
1270	16	AWG WHITE	W04	A24TB2-03	15		T3-C-COM-SE	15			
1271	12	AWG WHITE	W53	A24TB2-04	20		T1-A-COM-SE	16			
1272	12	AWG WHITE	W53	A24TB2-05	20		T1-B-COM-SE	16			
1273	12	AWG WHITE	W53	A24TB2-06	20		T1-C-COM-SE	16			
1274	18	AWG WHITE	W03	A24TB2-07	01		PS3TB1-01	01			
1275	18	AWG WHITE	W03	A24TB2-08	01		PS3TB1-02	01			
1276	18	AWG WHITE	W03	A24TB2-09	01		PS3TB1-03	01			
1472	18	AWG WHITE	W03	A24TB2-10	01		A09TB1-07	01			
1473	18	AWG WHITE	W03	A24TB2-11	01		A09TB1-08	01			
1474	18	AWG WHITE	W03	A24TB2-12	01		A09TB1-09	01			
1478	18	AWG WHITE	W03	A24TB2-13	01		A09TB1-14	01			
1479	18	AWG WHITE	W03	A24TB2-14	01		A09TB1-15	01			
1480	18	AWG WHITE	W03	A24TB2-15	01		A09TB1-16	01			
1277	12	AWG WHITE	W53	A24TB2-16	20		T2-A-COM-SE	16			
1278	12	AWG WHITE	W53	A24TB2-17	20		T2-B-COM-SE	16			
1279	12	AWG WHITE	W53	A24TB2-18	20		T2-C-COM-SE	16			
1247	18	AWG WHITE	W03	A24TB3-05	01		A23TB1-04	01			
1016	18	AWG WHITE	W03	A24TB3-06	01		TB03-09	01			
1466A	18	AWG WHITE	W17	A24TB3-07	01	AA	S35TB1-05	01	AA		
1466B		SHIELD		GND	15	G					
1282A	18	AWG WHITE	W17	A24TB3-08	08	AA	S35TB1-01	01	AA		
1282B		SHIELD					GND	15	G		
1290A	18	AWG WHITE	W17	A24TB3-08	01		S35TB1-03	01	AA		
1290B		SHIELD					GND	15	G		
1582	16	AWG WHITE	W04	A24TB3-08	01		A24TB4-01	01			
1180	18	AWG WHITE	W03	A24TB3-09	08		A01TB4-01	01			
1183	18	AWG WHITE	W03	A24TB3-11	08		A01TB4-07	01			
1283	18	AWG WHITE	W03	A24TB3-12	08		S38TB1-05	01			
1121A	18	AWG WHITE	W17	A24TB3-13	01	AA	TB15-05	01	AA		
1121B		SHIELD					GND	15	G		
1284	12	AWG WHITE	W53	A24TB3-15	20		PS1-7	20			
1523	12	AWG WHITE	W53	A24TB3-15	20		A24TB4-11	20			
1238	18	AWG WHITE	W03	A24TB3-16	01		A08TB1-11	01			
1485	18	AWG WHITE	W03	A24TB3-16	08		S09-COM		J		
1011	18	AWG WHITE	W03	A24TB3-17	01		TB03-04	01			
1285	12	AWG WHITE	W53	A24TB3-18	20		PS3TB1-04	20			
1586	18	AWG WHITE	W03	A24TB3-19	08		A01TB8-11	07			
1576	16	AWG WHITE	W04	A24TB4-01	01		R11-1		J		
1582	16	AWG WHITE	W04	A24TB4-01	01		A24TB3-08	01			
1581A	18	AWG WHITE	W17	A24TB4-02	01		A01TB4-10	01			
1581B		SHIELD					GND	15	G		
1286	12	AWG WHITE	W53	A24TB4-04	20		A23CB7-3	19			
1248	18	AWG WHITE	W03	A24TB4-05	01		A23TB1-10	01			
1523	12	AWG WHITE	W53	A24TB4-11	20		A24TB3-15	20			
1288	16	AWG WHITE	W04	A24TB4-18	15		E27		J		
1577	16	AWG WHITE	W04	A24TB4-18	15		CR45(A)	12			
1289	14	AWG WHITE	W05	A24TB4-19	15		E29		J		
	18	AWG WHITE	W03	A24TB4-19	20		A24TB4-20	20		JUMPER	
1117	18	AWG WHITE	W03	A24TB4-20	01		TB10-01	08			
	18	AWG WHITE	W03	A24TB4-20	20		A24TB4-19	20		JUMPER	
1292A	RG223		W44	A25-J1		K,B	A05R2-2		K,B		
1292B		SHIELD		GND	15	G	GND		G		
1293A	RG223		W44	A25-J2		K,B	A11R1-1	05	B		
1293B		SHIELD		GND		K	GND	15	G		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 6 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1526A	RG223		W44	A25-J3		K,B	A10R1-1	05	B		
1526B		SHIELD		GND		K	GND	15	G		
1585A	18 AWG	WHITE	W17	A25J5-A		K,A	A01TB6-19	01			
1585B		SHIELD					GND	15	G		
1584A	18 AWG	WHITE	W17	A25J5-C		K	A01TB8-13	01	AA		
1584B		SHIELD		A25J5-E			GND	15	G		
1198A	18 AWG	WHITE	W17	A25K1-A1	06	AA	A01TB5-09	01	AA		
1198B	S	SHIELD					GND	15	G		
1122A	18 AWG	WHITE	W17	A25S1-1		J,AA	TB15-07	01	AA		
1122B		SHIELD					GND	14	G		
1227A	18 AWG	WHITE	W17	A25S1-2		J,AA	A06E5	06	AA		
1227B		SHIELD			15		A06E6		G		
1123A	18 AWG	WHITE	W17	A25S1-3		J,AA	TB15-08	01	AA		
1123B		SHIELD					GND	14	G		
1230A	18 AWG	WHITE	W17	A25S1-4		J,AA	A07E5	06	AA		
1230B		SHIELD		GND	15		A07E6	06	G		
1124A	18 AWG	WHITE	W17	A25S1-5		J,AA	TB15-10	01	AA		
1124B		SHIELD					GND	14	G		
1242A	18 AWG	WHITE	W17	A25S1-6		J,AA	A12E5	06	AA		
1242B		SHIELD					A12E6	06	G		
1484	18 AWG	WHITE	W03	A25S2-2		J	A09TB1-04	01			
1195	18 AWG	WHITE	W03	A25S2-2		J	A01TB5-06	01			
1295	18 AWG	WHITE	W03	A25S2-C1		J	K5-X1		J		
1210	18 AWG	WHITE	W03	A25S3-1	01		A01TB3-14	01			
1369	18 AWG	WHITE	W03	A25S3-8		J	A01TB8-10	01			
1557	18 AWG	WHITE	W03	A25K1-X2	07		A01TB5-02	08			
W04	RG223		W44	AR1-INPUTP1			A01AT3-P2				
1001A	RG223		W44	AR1-KEYLINE		B,K	TB01-2	08	B		
1001B		SHIELD		GND		K	GND	14			
				C001-1			C100-1			COMPONENT LEAD	
	18 AWG	WHITE	W17	C003-1		J	A02C4-2		J,AA	JUMPER	
		SHIELD					GND	15			
1206A	18 AWG	WHITE	W17	C003-2		J,AA	A01TB6-06	01	AA		
1206B		SHIELD		GND	15	J,G	GND	15	G		
1311A	18 AWG	WHITE	W17	C004-1	06	AA	S38-6	04	AA		
1311B		SHIELD		GND	06	G	GND	14	G		
				C004-2		J	L32-1			COMPONENT LEAD	
	18 AWG		W36	C005-1	42		C046-1	42		JUMPER	
1315A	18 AWG	WHITE	W17	C005-2	05	AA	PS3E1	06	AA		
1315B		SHIELD		GND	15	G	GND	42	G		
1316A	RG214		W43	C006-1	04	B	S38-3	55	B		
1316B		SHIELD		GND	19	G	GND	19	G		
	12 AWG	BUS	W33	C006-2	30		L03-1	30		JUMPER	
	16 AWG	BUS	W35	C007-1	37		L03-2	37		JUMPER	
	18 AWG	BUS	W36	C007-2	31		K1-NC		J	JUMPER	
	2/0 AWG	BLACK	W24	C011-1	24	E	CR12(-)	24	E	JUMPER	
	18 AWG	WHITE	W03	C011-1	03		C091(-)	05		JUMPER	
	2/0 AWG	BLACK	W24	C011-3	21	E	L31-1	23	E	JUMPER	
				C012-1			L38-2		J	COMPONENT LEAD	
				C012-2			GND		J	COMPONENT LEAD	
	12 AWG	BUS	W33	C013-1	30		L02-2	30		JUMPER	
	RG223		W44	C017-1		J,AA	A03C4-2		J,AA	JUMPER	
		SHIELD		GND	15	G					
1207A	18 AWG	WHITE	W17	C017-2		J,AA	A01TB6-07	01	AA		
1207B		SHIELD		GND	15	G	GND	15	G		
1337A	18 AWG	WHITE	W22	C018-1	06	AA	S38-5	04	AA		
1337B		SHIELD		GND	06	G	GND	14	G		
	18 AWG	WHITE	W03	C018-2	01		C085-1	06		JUMPER	
				C018-2		J	L33-2		J	COMPONENT LEAD	
	18 AWG	BUS	W36	C019-1	42		L34-2	42		JUMPER	
1340A	18 AWG	WHITE	W17	C019-2		J,AA	PS4E1	08	AA		
1340B		SHIELD		GND	15	G	GND	42	G		
1342A	RG214		W43	C020-1	04	B	S38-2	55	B		
1342B		SHIELD		GND	19	G	GND	16	G		
	18 AWG	BUS	W36	C021-2	44		K2-NC		J	JUMPER	
	5/8 IN	BRAID	W40	C025-	13	AF	L36-	15	AF	SHIELD FOR 1349	
1349	4/0 AWG	BLACK	W25	C025-1	25	E	L36-2	27	E	RUN IN 5/8 IN BRAID	
	18 AWG	WHITE	W03	C025-1	34		L40-1		J	JUMPER	
1351	4/0 AWG	BLACK	W25	C025-3	25	E	CR01(-)	27	E	RUN IN 5/8 IN BRAID	
	5/8 IN	BRAID	W40	C025-	13	AF	CR01-	15	AF	SHIELD FOR 1351	
	18 AWG	WHITE	W03	C025-3	34		L41-1		J	JUMPER	
				C026-1			L39-2		J	COMPONENT LEAD	
				C026-2			GND		J	COMPONENT LEAD	
				C031-1			L39-1		J	COMPONENT LEAD	
				C031-2			GND		J	COMPONENT LEAD	
1362A	18 AWG	WHITE	W22	C032-1	06	AA	S38-4	04	AA	SEP FORM	
1362B		SHIELD		GND	06	G	GND	06	G		
				C032-2	42		A21R1-1			COMPONENT LEAD	
	18 AWG	BUS	W36	C033-1	42		L35-2	42		JUMPER	
1365A	18 AWG	WHITE	W22	C033-2	05	AA	PS5E1	06	AA		
1365B		SHIELD		GND	15	G	GND	42	G		
	1/4 IN	BUS		C034-1		N394	L37-2		J	MANUFACTURED BUS	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 7 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	8 AWG	WHITE	W26	C034-2	32	E	L16-1	32	E	JUMPER	
	8 AWG	WHITE	W26	C035-1	35	E	R33-1	29	E	JUMPER	
	8 AWG	WHITE	W26	C036-1	35	E	R34-1	29	E	JUMPER	
	4/0 AWG	BLACK	W25	C040-1	27	E	L17-1	27	E	JUMPER	
	12 AWG	WHITE	W53	C040-1	50		C097(+)	16		JUMPER	
	4/0 AWG	BLACK	W25	C040-2	27	F	V3-FIL	27	F	JUMPER	
	4/0 AWG	BLACK	W25	C040-3	27	E	CR02(-)	27	E	JUMPER	
	12 AWG	WHITE	W53	C040-3	50		C099(-)	16		JUMPER	
	4/0 AWG	BLACK	W25	C040-4		F	V3-FIL		F		
				C041-1			GND		J	COMPONENT LEAD	
				C041-2			L38-1		J	COMPONENT LEAD	
				C044-1			L40-1		J	COMPONENT LEAD	
				C044-2			GND		J	COMPONENT LEAD	
				C045-2			L01-1		J	COMPONENT LEAD	
				C045-2			L32-2		J	COMPONENT LEAD	
	18 AWG	BUS	W36	C046-1	42		C005-1	42		JUMPER	
				C046-1			R01-2		J	COMPONENT LEAD	
	18 AWG	BUS	W36	C048-1	42		L34-1	42		JUMPER	
	18 AWG	BUS	W36	C048-1	42		L06-2	42	J	JUMPER	
				C049-2			A21R1-2	42		COMPONENT LEAD	
	18 AWG	BUS	W36	C050-1	42		L35-1	42		JUMPER	
	18 AWG	BUS	W36	C050-1	42		L12-2	42		JUMPER	
				C055-1		J	L44-1		J	COMPONENT LEAD	
				C055-2			GND		J	COMPONENT LEAD	
				C056-1			L44-2		J	COMPONENT LEAD	
				C056-2			GND		J	COMPONENT LEAD	
				C057-1			L45-1		J	COMPONENT LEAD	
				C057-2			GND		J	COMPONENT LEAD	
				C058-1			L45-2		J	COMPONENT LEAD	
				C058-2			GND		J	COMPONENT LEAD	
				C059-1			L41-1		J	COMPONENT LEAD	
				C059-2			GND		J	COMPONENT LEAD	
				C060-1			L40-2		J	COMPONENT LEAD	
				C060-2			GND		J	COMPONENT LEAD	
				C061-1			L41-2		J	COMPONENT LEAD	
				C061-2			GND		J	COMPONENT LEAD	
				C062-1			L42-1		J	COMPONENT LEAD	
				C062-2			GND		J	COMPONENT LEAD	
				C063-1			L43-1		J	COMPONENT LEAD	
				C063-2			GND		J	COMPONENT LEAD	
				C064-1			L42-2		J	COMPONENT LEAD	
				C064-2			GND		J	COMPONENT LEAD	
				C065-1			L43-2		J	COMPONENT LEAD	
				C065-2			GND		J	COMPONENT LEAD	
1407	8 AWG	WHITE	W26	C066-1	29	E	S38-1	35	E	RUN IN 1 IN BRAID	
	1 IN	BRAID	W42	C066-	13	AD	S38-	13	AD	SHIELD FOR 1407	
	1/4"	BUS		C066-2		N395	L37-1			MANUFACTURED BUS	
				C067-2			A05C1-1		J	COMPONENT LEAD	
				C072-1			E31		J	COMPONENT LEAD	
				C072-2			E32		J	COMPONENT LEAD	
				C073-1			GND		J	COMPONENT LEAD	
				C073-2			E29			COMPONENT LEAD	
				C074-1			E27		J	COMPONENT LEAD	
				C074-2			E28		J	COMPONENT LEAD	
				C075-1			GND		J	COMPONENT LEAD	
				C075-2			E33		J	COMPONENT LEAD	
				C076-1			GND		J	COMPONENT LEAD	
				C076-2			E30		J	COMPONENT LEAD	
				C077-1			L46-2		J	COMPONENT LEAD	
				C077-2			GND		J	COMPONENT LEAD	
				C078-1			L47-2		J	COMPONENT LEAD	
				C078-2			GND		J	COMPONENT LEAD	
				C079-1			L46-1		J	COMPONENT LEAD	
				C079-2			GND		J	COMPONENT LEAD	
				C080-1			L47-1		J	COMPONENT LEAD	
				C080-2			GND		J	COMPONENT LEAD	
1240	10 AWG	WHITE	W11	C084-1	16		A12E1	19		SEP FORM	
	10 AWG	WHITE	W11	C084-1	16		CR02(-)	16		JUMPER	
	18 AWG	WHITE	W03	C085-1	06		C018-2	01		JUMPER	
				C088-1		J	C089(+)		N528	COMPONENT LEAD	
				C088-2		J	C089(-)		N528	COMPONENT LEAD	
				C089(+)		N528	C088-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	C089(+)	05		L39-1		J	JUMPER	
	18 AWG	WHITE	W03	C089(-)	07		GND		J	JUMPER	
				C089(-)		N528	C088-2		J	COMPONENT LEAD	
				C090-1		J	C091(+)		N528	COMPONENT LEAD	
				C090-2		J	C091(-)		N528	COMPONENT LEAD	
	10 AWG	BUS		C091(-)		N268	A06E1			MANUFACTURED BUS	
	18 AWG	WHITE	W03	C091(-)	05		C11-1	03		JUMPER	
	18 AWG	WHITE	W03	C091(-)	05		L38-1		J	JUMPER	
				C091(-)		N528	C090-2		J	COMPONENT LEAD	
	STRAP 1/4"			C091(+)		N269	GND			MANUFACTURED BUS	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 8 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
				C091(+)		N528	C090-1		J	COMPONENT LEAD	
				C092-1		J	C093(+)		N528	COMPONENT LEAD	
				C092-2		J	C093(-)		N528	COMPONENT LEAD	
	18 AWG	WHITE	W03	C093(-)	06		GND	06		JUMPER	
				C093(-)		N528	C092-2		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	C093(+)	05		L36-2	34		JUMPER	
				C093(+)		N528	C092-1		J	COMPONENT LEAD	
				C094-1		J	C095(+)		N528	COMPONENT LEAD	
				C094-2		J	C095(-)		N528	COMPONENT LEAD	
	18 AWG	WHITE	W03	C095(-)	06		CR01(-)	34		JUMPER	
1228	12 AWG	WHITE	W53	C095(-)	19		A07E1	19		SEP FORM	
				C095(-)		N528	C094-2		J	COMPONENT LEAD	
	STRAP	1/2"		C095(+)		N269	GND			MANUFACTURED BUS	
				C095(+)		N528	C094-1		J	COMPONENT LEAD	
				C096-1		J	C097(+)		N528	COMPONENT LEAD	
				C096-2		J	C097(-)		N528	COMPONENT LEAD	
	12 AWG	WHITE	W53	C097(+)	16		C040-1	50		JUMPER	
				C097(+)		N528	C096-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	C097(+)	05		L42-1		J	JUMPER	
	1 INCH	STRAP		C097(-)		N425	GND			MANUFACTURED BUS	
				C097(-)		N528	C096-2		J	COMPONENT LEAD	
				C098-1		J	C099(+)		N528	COMPONENT LEAD	
				C098-2		J	C099(-)		N528	COMPONENT LEAD	
	STRAP	1/2"		C099(+)		N269	GND			MANUFACTURED BUS	
				C099(+)		N528	C098-1		J	COMPONENT LEAD	
	12 AWG	WHITE	W53	C099(-)	16		C040-3	50		JUMPER	
	18 AWG	WHITE	W04	C099(-)	05		L43-1		J	JUMPER	
				C099(-)		N528	C098-2		J	COMPONENT LEAD	
				C100-1		J	C001-1			COMPONENT LEAD	
				C100-2		J	A22R1-2		J	COMPONENT LEAD	
	16 AWG	WHITE	W04	C101(+)	12		R10-1		J	JUMPER	
	16 AWG	WHITE	W04	C101(+)	12		R11-2		J	JUMPER	
	16 AWG	WHITE	W04	C101(-)	12		GND	12		JUMPER	
				C102-1			L12-1	37		COMPONENT LEAD	
				C102-2			L29-1		J	COMPONENT LEAD	
				C104(+)			E29		J	COMPONENT LEAD	
				C104(-)			GND		J	COMPONENT LEAD	
				C106-1			L49-1		J	COMPONENT LEAD	
				C106-2			GND		J	COMPONENT LEAD	
				C107-1			L49-2		J	COMPONENT LEAD	
				C108-1			L48-1		J	COMPONENT LEAD	
				C108-2			GND		J	COMPONENT LEAD	
				C109-1			L48-2		J	COMPONENT LEAD	
				C109-2			GND		J	COMPONENT LEAD	
				C110-1			E34		J	COMPONENT LEAD	
				C110-2			GND		J	COMPONENT LEAD	
				C111-1			E35		J	COMPONENT LEAD	
				C111-2			GND		J	COMPONENT LEAD	
				C112-1			E36		J	COMPONENT LEAD	
				C112-2			GND		J	COMPONENT LEAD	
				C113-1			E37		J	COMPONENT LEAD	
				C113-2			GND		J	COMPONENT LEAD	
				C114-1			E38		J	COMPONENT LEAD	
				C114-2			GND		J	COMPONENT LEAD	
				C115-1			E39		J	COMPONENT LEAD	
				C115-2			GND		J	COMPONENT LEAD	
				C116-1			E40		J	COMPONENT LEAD	
				C116-2			GND		J	COMPONENT LEAD	
				C117-1			E41		J	COMPONENT LEAD	
				C117-2			GND		J	COMPONENT LEAD	
				C118-1			E42		J	COMPONENT LEAD	
				C118-2			GND		J	COMPONENT LEAD	
				C119-1			E43		J	COMPONENT LEAD	
				C119-2			GND		J	COMPONENT LEAD	
				C120-1			E44		J	COMPONENT LEAD	
				C120-2			GND		J	COMPONENT LEAD	
				C121-1			E45		J	COMPONENT LEAD	
				C121-2			GND		J	COMPONENT LEAD	
				C122-1			E46		J	COMPONENT LEAD	
				C122-2			GND		J	COMPONENT LEAD	
				C123-1			E47		J	COMPONENT LEAD	
				C123-2			GND		J	COMPONENT LEAD	
				C124-1			E48		J	COMPONENT LEAD	
				C124-2			GND		J	COMPONENT LEAD	
				C125-1			E49		J	COMPONENT LEAD	
				C125-2			GND		J	COMPONENT LEAD	
				C126-1			E50		J	COMPONENT LEAD	
				C126-2			GND		J	COMPONENT LEAD	
				C127-1			E51		J	COMPONENT LEAD	
				C127-2			GND		J	COMPONENT LEAD	
				C128-1			E52		J	COMPONENT LEAD	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 9 of 29)

WIRE NO	1			2			3			REMARKS	REV:U
	SIZE	COLOR	TYPE	FROM	TERM	NOTE	TO	TERM	NOTE		
				C128-2			GND		J	COMPONENT LEAD	
				C129-1			E53		J	COMPONENT LEAD	
				C129-2			GND		J	COMPONENT LEAD	
				C135(+)			TB05-02	01		COMPONENT LEAD	
				C135(-)			GND		J	COMPONENT LEAD	
				C136(+)			TB14-01		J	COMPONENT LEAD	
				C136(-)			GND		J	COMPONENT LEAD	
				C137(+)			TB06-03		J	COMPONENT LEAD	
				C137(-)			GND		J	COMPONENT LEAD	
				C138(+)			TB09-01		J	COMPONENT LEAD	
				C138(-)			GND		J	COMPONENT LEAD	
W43	RG223		W44	CP3-P1			W42-J1-P2			IN 3/4" BRAID WITH W21,W23,W45	
W47	RG223		W44	CP4-P1			W46-J1-P2			IN 3/4 IN BRAID WITH W25,W27	
W51	RG223		W44	CP5-P1			W50-J1-P2			IN 3/4 IN BRAID WITH W29,W31	
W55	RG223		W44	CP6-P1			W54-J1-P2			IN 3/4 IN BRAID WITH W33,W35	
	2/0 AWG BLACK		W25	CR01(+)	23	E	L36-1	22	E	JUMPER	
1351	4/0 AWG BLACK		W25	CR01(-)	27	E	C025-3	25	E	RUN IN 5/8 IN BRAID	
	5/8 IN BRAID		W40	CR01-	15	AF	C025-	13	AF	SHIELD FOR 1351	
	18 AWG WHITE		W07	CR01(-)	34		C095(-)	06		JUMPER	
	2/0 AWG BLACK		W24	CR01(AC1)	24	E	T1-2-SD	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR01(AC2)	24	E	T1-3-SD	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR01(AC3)	24	E	T1-1-SD	24	E	JUMPER	
	4/0 AWG BLACK		W25	CR02(+)	27	E	L17-2	27	E	JUMPER	
	4/0 AWG BLACK		W25	CR02(-)	27	E	C040-3	27	E	JUMPER	
	10 AWG WHITE		W11	CR02(-)	16		C084-1	16		JUMPER	
	4/0 AWG BLACK		W25	CR02(AC1)	27	E	T2-R1-SD	27	E	JUMPER	
	4/0 AWG BLACK		W25	CR02(AC2)	27	E	T2-R2-SD	27	E	JUMPER	
	4/0 AWG BLACK		W25	CR02(AC3)	27	E	T2-R3-SD	27	E	JUMPER	
				CR06(A)			K1-X2		J	COMPONENT LEAD	
				CR06(C)			K1-X1		J	COMPONENT LEAD	
				CR07(A)			K2-X2		J	COMPONENT LEAD	
				CR07(C)			K2-X1		J	COMPONENT LEAD	
				CR08(A)			K7-X2		J	COMPONENT LEAD	
				CR08(C)			K7-X1		J	COMPONENT LEAD	
				CR09(A)			E26		J	COMPONENT LEAD	
				CR09(C)			A08TB1-16		N526	COMPONENT LEAD	
	18 AWG BUS		W36	CR10(A)		J	CR31(A)		J	JUMPER	
1148	18 AWG WHITE		W03	CR10(A)		J	TB16-07	01		SEP FORM	
	18 AWG BUS		W36	CR10(C)		J	CR11(C)		J	JUMPER	
1141	18 AWG WHITE		W03	CR10(C)		J	TB16-01	01		SEP FORM	
1530	18 AWG WHITE		W03	CR11(A)		J	TB16-08	01		SEP FORM	
	18 AWG BUS		W36	CR11(A)		J	CR32(A)		J	JUMPER	
	18 AWG BUS		W36	CR11(C)		J	CR25(C)		J	JUMPER	
	18 AWG BUS		W36	CR11(C)		J	CR10(C)		J	JUMPER	
	2/0 AWG BLACK		W24	CR12(+)	24	E	L31-2	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR12(-)	24	E	C011-1	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR12(AC1)	24	E	T3-R1-SD	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR12(AC2)	24	E	T3-R2-SD	24	E	JUMPER	
	2/0 AWG BLACK		W24	CR12(AC3)	24	E	T3-R3-SD	24	E	JUMPER	
				CR13(A)			E03		J	COMPONENT LEAD	
				CR13(C)			E02		J	COMPONENT LEAD	
				CR14(A)			E05		J	COMPONENT LEAD	
				CR14(C)			E04		J	COMPONENT LEAD	
				CR15(A)			E07		J	COMPONENT LEAD	
				CR15(C)			E06		J	COMPONENT LEAD	
				CR16(A)			E09		J	COMPONENT LEAD	
				CR16(C)			E08		J	COMPONENT LEAD	
				CR17(C)			E10		J	COMPONENT LEAD	
				CR18(A)			E13		J	COMPONENT LEAD	
				CR18(C)			E12		J	COMPONENT LEAD	
				CR19(A)			E15		J	COMPONENT LEAD	
				CR19(C)			E14		J	COMPONENT LEAD	
				CR20(A)			E17		J	COMPONENT LEAD	
				CR20(C)			E16		J	COMPONENT LEAD	
				CR21(A)			E19		J	COMPONENT LEAD	
				CR21(C)			E18		J	COMPONENT LEAD	
				CR22(A)			E21		J	COMPONENT LEAD	
				CR22(C)			E20		J	COMPONENT LEAD	
				CR23(A)			E23		J	COMPONENT LEAD	
				CR23(C)			E22		J	COMPONENT LEAD	
				CR24(A)			K5-X2		J	COMPONENT LEAD	
				CR24(C)			K5-X1		J	COMPONENT LEAD	
	18 AWG BUS		W36	CR25(A)		J	CR36(A)		J	JUMPER	
1152	18 AWG WHITE		W03	CR25(A)		J	TB16-09	01		SEP FORM	
	18 AWG BUS		W36	CR25(C)		J	CR11(C)		J	JUMPER	
				CR26(A)			GND		J	COMPONENT LEAD	
				CR26(C)			E29		J	COMPONENT LEAD	
				CR27(A)			GND		J	COMPONENT LEAD	
				CR27(C)			PS1-7		J	COMPONENT LEAD	
				CR28(A)			GND		J	COMPONENT LEAD	
				CR28(C)			TB04-03		J	COMPONENT LEAD	
	18 AWG BUS		W36	CR29(A)		J	CR40(A)		J	JUMPER	

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 10 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1154	18 AWG	WHITE	W03	CR29(A)		J	TB16-10	08		SEP FORM	
1143	18 AWG	WHITE	W03	CR29(C)		J	TB16-03	01		SEP FORM	
	18 AWG	BUS	W36	CR29(C)		J	CR34(C)			JUMPER	
				CR30(A)			GND		J	COMPONENT LEAD	
				CR30(C)			E30		J	COMPONENT LEAD	
	18 AWG	BUS	W36	CR31(A)		J	CR10(A)		J	JUMPER	
	18 AWG	BUS	W36	CR31(C)		J	CR32(C)		J	JUMPER	
1330	18 AWG	WHITE	W03	CR31(C)		J	TB16-17	01		SEP FORM	
	18 AWG	BUS	W36	CR32(A)		J	CR11(A)		J	JUMPER	
	18 AWG	BUS	W36	CR32(C)		J	CR41(C)		J	JUMPER	
	18 AWG	BUS	W36	CR32(C)		J	CR31(C)		J	JUMPER	
				CR33(A)			E33		J	COMPONENT LEAD	
				CR33(C)			GND		J	COMPONENT LEAD	
	18 AWG	BUS	W36	CR34(A)		J	CR37(A)		J	JUMPER	
1156	18 AWG	WHITE	W03	CR34(A)		J	TB16-12	08		SEP FORM	
	18 AWG	BUS	W36	CR34(C)		J	CR29(C)		J	JUMPER	
	18 AWG	BUS	W36	CR34(C)		J	CR35(C)		J	JUMPER	
	18 AWG	BUS	W36	CR35(A)		J	CR38(A)		J	JUMPER	
1158	18 AWG	WHITE	W03	CR35(A)		J	TB16-14	01		SEP FORM	
	18 AWG	BUS	W36	CR35(C)		J	CR36(C)		J	JUMPER	
	18 AWG	BUS	W36	CR35(C)		J	CR34(C)		J	JUMPER	
	18 AWG	BUS	W36	CR36(A)		J	CR43(A)		J	JUMPER	
	18 AWG	BUS	W36	CR36(C)		J	CR35(C)		J	JUMPER	
	18 AWG	BUS	W36	CR37(A)		J	CR39(A)		J	JUMPER	
	18 AWG	BUS	W36	CR37(A)		J	CR34(A)		J	JUMPER	
	18 AWG	BUS	W36	CR37(C)		J	CR38(C)		J	JUMPER	
1144	18 AWG	WHITE	W03	CR37(C)		J	TB16-04	01		SEP FORM	
	18 AWG	BUS	W36	CR38(A)		J	CR35(A)		J	JUMPER	
	18 AWG	BUS	W36	CR38(A)		J	CR41(A)		J	JUMPER	
	18 AWG	BUS	W36	CR38(C)		J	CR37(C)		J	JUMPER	
	18 AWG	BUS	W36	CR39(A)		J	CR37(A)		J	JUMPER	
1145	18 AWG	WHITE	W03	CR39(C)		J	TB16-05	08		SEP FORM	
	18 AWG	BUS	W36	CR39(C)		J	CR40(C)		J	JUMPER	
	18 AWG	BUS	W36	CR40(A)		J	CR29(A)		J	JUMPER	
	18 AWG	BUS	W36	CR40(C)		J	CR39(C)		J	JUMPER	
	18 AWG	BUS	W36	CR41(A)		J	CR38(A)		J	JUMPER	
	18 AWG	BUS	W36	CR41(C)		J	CR32(C)		J	JUMPER	
	18 AWG	BUS	W36	CR42(A)		J	CR40(A)		J	JUMPER	
	18 AWG	BUS	W36	CR42(C)		J	CR43(C)		J	JUMPER	
1343	18 AWG	WHITE	W03	CR42(C)		J	TB16-18	01		SEP FORM	
	18 AWG	BUS	W36	CR43(A)		J	CR36(A)		J	JUMPER	
	18 AWG	BUS	W36	CR43(C)		J	CR42(C)		J	JUMPER	
				CR44(A)			E25		J	COMPONENT LEAD	
				CR44(C)			E24		J	COMPONENT LEAD	
1577	16 AWG	WHITE	W04	CR45(A)	12		A24TB4-18	15		SEP FORM	
	16 AWG	WHITE	W04	CR45(C)		J	R10-2		J	JUMPER	
	16 AWG	WHITE	W04	CR46(C)		J	R11-1		J	JUMPER	
				CR47(A)	37		GND		J	COMPONENT LEAD	
				CR47(C)		J	TB03-04		J	COMPONENT LEAD	
				CR48(A)		J	E54		J	COMPONENT LEAD	
				CR48(C)		J	E55		J	COMPONENT LEAD	
				CR49(A)		J	E57		J	COMPONENT LEAD	
				CR49(C)		J	E56		J	COMPONENT LEAD	
				CR50(A)		J	E59		J	COMPONENT LEAD	
				CR50(C)		J	E58		J	COMPONENT LEAD	
W02	RG223		W44	DC1-IN-P2			K5-COM-P1				
W03	RG223		W44	DC1-OUT-P1			A01AT6-P2				
W05	RG223		W44	DC2-A-P1			W19-J1-P2				
W23	RG223		W44	DC3-1-P1			W22-J1-P2			IN 3/4" BRAID WITH W21,W43,W45	
W21	RG223		W44	DC3-2-P1			W22-J1-P2			IN 3/4" BRAID WITH W23,W43,W45	
W45	RG223		W44	DC3-4-P1			W44-J1-P2			IN 3/4" BRAID WITH W21,W23,W43	
W27	RG223		W44	DC4-1-P1			W26-J1-P2			IN 3/4 IN BRAID WITH W25,W47	
W25	RG223		W44	DC4-2-P1			W24-J1-P2			IN 3/4 IN BRAID WITH W27,W47	
W49	RG223		W44	DC4-4-P1			W48-J1-P2				
W29	RG223		W44	DC5-1-P1			W28-J1-P2			IN 3/4 IN BRAID WITH W31,W51	
W31	RG223		W44	DC5-2-P1			W30-J1-P2			IN 3/4 IN BRAID WITH W29,W51	
W53	RG223		W44	DC5-3-P1			W52-J1-P2				
W33	RG223		W44	DC6-1-P1			W32-J1-P2			IN 3/4 IN BRAID WITH W35,W55	
W35	RG223		W44	DC6-2-P1			W34-J1-P2			IN 3/4 IN BRAID WITH W33,W51	
W57	RG223		W44	DC6-3-P1			W56-J1-P2				
W37	RG223		W44	DC7-1-P1			W36-J1-P2			IN 3/4 IN BRAID WITH W39,W61	
W39	RG223		W44	DC7-2-P1			W38-J1-P2			IN 3/4 IN BRAID WITH W37,W61	
W61	RG223		W44	DC7-3-P1			W60-J1-P2			IN 3/4 IN BRAID WITH W37,W39	
W59	RG223		W44	DC7-4-P1			W58-J1-P2				
W70	RG223		W44	DC8-1-P1			W71-J1-P2			IN 3/4 IN BRAID WITH W41,W65	
W41	RG223		W44	DC8-2-P1			W40-J1-P2			IN 3/4 IN BRAID WITH W65,W70	
W63	RG223		W44	DC8-3-P1			W62-J1-P2				
W65	RG223		W44	DC8-4-P1			W64-J1-P2			IN 3/4 IN BRAID WITH W41,W70	
	18 AWG	BUS	W36	E01	42		R06-2	31		JUMPER	
				E02		J	L18-1			COMPONENT LEAD	
				E02		J	CR13(C)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E02		J	TB06-01	08		JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 11 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
				E03		J	CR13(A)			COMPONENT LEAD	
18	AWG	WHITE	W03	E03		J	TB06-02	01		JUMPER	
				E03		J	L18-2			COMPONENT LEAD	
				E04		J	CR14(C)			COMPONENT LEAD	
				E04		J	L19-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E04		J	TB06-06	08		JUMPER	
18	AWG	WHITE	W03	E05		J	TB06-07	08		JUMPER	
				E05		J	L19-2			COMPONENT LEAD	
				E05		J	CR14(A)		J	COMPONENT LEAD	
				E06		J	CR15(C)		J	COMPONENT LEAD	
				E06		J	L20-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E06		J	TB06-11	08		JUMPER	
18	AWG	WHITE	W03	E07		J	TB06-12	08		JUMPER	
				E07		J	L20-2			COMPONENT LEAD	
				E07		J	CR15(A)		J	COMPONENT LEAD	
				E08		J	CR16(C)		J	COMPONENT LEAD	
				E08		J	L21-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E08		J	TB06-17	08		JUMPER	
18	AWG	WHITE	W03	E09		J	TB06-18	08		JUMPER	
				E09		J	L21-2			COMPONENT LEAD	
				E09		J	CR16(A)		J	COMPONENT LEAD	
				E10		J	CR17(C)		J	COMPONENT LEAD	
				E10		J	L22-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E10		J	TB07-05	08		JUMPER	
18	AWG	WHITE	W03	E11		J	TB07-06	08		JUMPER	
				E11		J	L22-2			COMPONENT LEAD	
				E11		J	CR17(A)		J	COMPONENT LEAD	
				E12		J	CR18(C)		J	COMPONENT LEAD	
				E12		J	L23-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E12		J	TB07-10	08		JUMPER	
18	AWG	WHITE	W03	E13		J	TB07-11	08		JUMPER	
				E13		J	L23-2			COMPONENT LEAD	
				E13		J	CR18(A)		J	COMPONENT LEAD	
				E14		J	CR19(C)		J	COMPONENT LEAD	
				E14		J	L24-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E14		J	TB07-17	08		JUMPER	
18	AWG	WHITE	W03	E15		J	TB07-18	08		JUMPER	
				E15		J	L24-2			COMPONENT LEAD	
				E15		J	CR19(A)		J	COMPONENT LEAD	
				E16		J	CR20(C)		J	COMPONENT LEAD	
				E16		J	L25-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E16		J	TB08-02	08		JUMPER	
18	AWG	WHITE	W03	E17		J	TB08-03	08		JUMPER	
				E17		J	L25-2			COMPONENT LEAD	
				E17		J	CR20(A)		J	COMPONENT LEAD	
				E18		J	CR21(C)		J	COMPONENT LEAD	
				E18		J	L26-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E18		J	TB08-05	08		JUMPER	
18	AWG	WHITE	W03	E19		J	TB08-06	08		JUMPER	
				E19		J	L26-2			COMPONENT LEAD	
				E19		J	CR21(A)		J	COMPONENT LEAD	
				E20		J	CR22(C)		J	COMPONENT LEAD	
				E20		J	L27-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E20		J	TB08-10	08		JUMPER	
18	AWG	WHITE	W03	E21		J	TB08-11	08		JUMPER	
				E21		J	L27-2			COMPONENT LEAD	
				E21		J	CR22(A)		J	COMPONENT LEAD	
				E22		J	CR23(C)		J	COMPONENT LEAD	
				E22		J	L28-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E22		J	TB08-17	08		JUMPER	
18	AWG	WHITE	W03	E23		J	TB08-18	08		JUMPER	
				E23		J	L28-2			COMPONENT LEAD	
				E23		J	CR23(A)			COMPONENT LEAD	
				E24		J	CR44(C)			COMPONENT LEAD	
				E24		J	L50-1			COMPONENT LEAD	
18	AWG	WHITE	W03	E24		J	TB09-04	08		JUMPER	
18	AWG	WHITE	W03	E25		J	TB09-05	08		JUMPER	
				E25		J	L50-2			COMPONENT LEAD	
				E25		J	CR44(A)			COMPONENT LEAD	
1211	18	AWG	WHITE	W03	E26		A01TB6-12	01			
				E26		J	CR09(A)			COMPONENT LEAD	
1288	16	AWG	WHITE	W04	E27		A24TB4-18	15			
1410	18	AWG	WHITE	W03	E27		PS1-1	07			
	18	AWG	WHITE	W03	E27		PS2-1	07		JUMPER	
				E27		J	C074-1			COMPONENT LEAD	
1411	18	AWG	WHITE	W03	E28		PS1-2	07			
1412	18	AWG	WHITE	W03	E28		E31		J		
	18	AWG	WHITE	W03	E28		PS2-2	01		JUMPER	
				E28		J	C074-2			COMPONENT LEAD	
				E28		J	CR26(A)			COMPONENT LEAD	
1040	18	AWG	WHITE	W03	E28-GND		TB05-03	08			
1289	14	AWG	WHITE	W05	E29		A24TB4-19	15			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 12 of 29)

WIRE NO	1			FROM	2		TO	2		REMARKS	REV:U
	SIZE	COLOR	TYPE		TERM	NOTE		TERM	NOTE		
1358A	18 AWG	WHITE	W17	E29		J	A01TB6-11	01	AA		
1358B		SHIELD		GND	15	G	GND	15	G		
	18 AWG	WHITE	W03	E29		J	PS2-6	01		JUMPER	
				E29		J	CR26(C)			COMPONENT LEAD	
				E29		J	C073-2			COMPONENT LEAD	
				E29		J	C104(+)			COMPONENT LEAD	
1190	18 AWG	WHITE	W03	E30		J	A01TB4-18	01			
	18 AWG	WHITE	W03	E30		J	PS6-06	02		JUMPER	
				E30		J	CR30(C)			COMPONENT LEAD	
				E30		J	C076-2			COMPONENT LEAD	
1412	18 AWG	WHITE	W03	E31		J	E28		J		
	18 AWG	WHITE	W03	E31		J	PS6-02	02		JUMPER	
				E31		J	C072-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E32		J	PS6-01	02		JUMPER	
				E32		J	C072-2			COMPONENT LEAD	
1189	18 AWG	WHITE	W03	E33		J	A01TB4-17	01			
	18 AWG	WHITE	W03	E33		J	PS6-11	02		JUMPER	
				E33		J	C075-2			COMPONENT LEAD	
				E33		J	CR33(A)			COMPONENT LEAD	
				E34		J	C110-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E34		J	J02-A		K	JUMPER	
1212	18 AWG	WHITE	W03	E34		J	A01TB6-14	01			
				E35		J	C111-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E35		J	J02-B		K	JUMPER	
1127	18 AWG	WHITE	W03	E35		J	TB16-02	08			
				E36		J	C112-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E36		J	J03-A		K	JUMPER	
1213	18 AWG	WHITE	W03	E36		J	A01TB6-15	01			
				E37		J	C113-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E37		J	J03-B		K	JUMPER	
1147	18 AWG	WHITE	W03	E37		J	TB16-06	08			
				E38		J	C114-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E38		J	J04-A		K	JUMPER	
1214	18 AWG	WHITE	W03	E38		J	A01TB6-16	01			
				E39		J	C115-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E39		J	J04-B		K	JUMPER	
1137	18 AWG	WHITE	W03	E39		J	TB16-14	08			
				E40		J	C116-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E40		J	J11-A		K	JUMPER	
1215	18 AWG	WHITE	W03	E40		J	A01TB6-17	01			
	18 AWG	WHITE	W03	E41		J	J11-B		K	JUMPER	
1125	18 AWG	WHITE	W03	E41		J	TB16-01	01			
				E42		J	C118-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E42		J	J12-A		K	JUMPER	
1216	18 AWG	WHITE	W03	E42		J	A01TB6-18	01			
				E43		J	C119-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E43		J	J12-B		K	JUMPER	
1146	18 AWG	WHITE	W03	E43		J	TB16-06	01			
				E44		J	C120-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E44		J	J13-A		K	JUMPER	
1217	18 AWG	WHITE	W03	E44		J	A01TB7-01	01			
				E45		J	C121-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E45		J	J13-B		K	JUMPER	
1136	18 AWG	WHITE	W03	E45		J	TB16-14	01			
				E46		J	C122-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E46		J	J14-A		K	JUMPER	
1218	18 AWG	WHITE	W03	E46		J	A01TB7-02	01			
				E47		J	C123-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E47		J	J14-B		K	JUMPER	
1327	18 AWG	WHITE	W03	E47		J	TB16-17	01			
				E48		J	C124-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E48		J	J15-A		K	JUMPER	
1219	18 AWG	WHITE	W03	E48		J	A01TB7-03	01			
				E49		J	C125-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E49		J	J15-B		K	JUMPER	
1329	18 AWG	WHITE	W03	E49		J	TB16-18	01			
				E50		J	C126-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E50		J	J16-A		K	JUMPER	
1220	18 AWG	WHITE	W03	E50		J	A01TB7-04	01			
				E51		J	C127-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E51		J	J16-B		K	JUMPER	
1135	18 AWG	WHITE	W03	E51		J	TB16-13	08			
				E52		J	C128-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E52		J	J17-A		K	JUMPER	
1221	18 AWG	WHITE	W03	E52		J	A01TB7-05	01			
				E53		J	C129-1			COMPONENT LEAD	
	18 AWG	WHITE	W03	E53		J	J17-B		K	JUMPER	
1140	18 AWG	WHITE	W03	E53		J	TB16-16	08			
	18 AWG	WHITE	W03	E54		J	TB09-07	07		JUMPER	
				E54		J	CR48(A)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E55		J	TB09-09	07		JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 13 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
				E55		J	CR48(C)			COMPONENT LEAD	
				E56		J	CR49(C)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E56		J	TB09-10	07		JUMPER	
				E57		J	CR49(A)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E57		J	TB09-07	07		JUMPER	
	18 AWG	WHITE	W03	E57		J	E59		J	JUMPER	
				E58		J	CR50(C)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E58		J	TB09-10	07		JUMPER	
				E59		J	CR50(A)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E59		J	E57		J	JUMPER	
W06	RG223		W44	FL01J1		K	K6-J1				
W09	20 AWG	WHITE	W30	FL01J2-P1			J02-P2				
W07	RG223		W44	FL01J1			K6-J2				
W10	20 AWG	WHITE	W30	FL02J2-P1			J03-P2				
W08	RG223		W44	FL03J1			K6-J3				
W11	20 AWG	WHITE	W30	FL03J2-P1			J04-P2				
W12	20 AWG	WHITE	W30	FL04J1-P1			J11-P2				
W13	20 AWG	WHITE	W30	FL05J1-P1			J12-P2				
W14	20 AWG	WHITE	W30	FL05J2-P1			J13-P2				
W15	20 AWG	WHITE	W30	FL07J1-P1			J14-P2				
W17	20 AWG	WHITE	W30	FL08J1-P1			J16-P2				
W16	20 AWG	WHITE	W30	FL08J2-P1			J15-P2				
W18	20 AWG	WHITE	W30	FL09J1-P1			J17-P2				
1170A	22 AWG	WHITE	W31	J01-01		K	A01TB3-04	01	AA		
1170B		BLACK		J01-02		K	A01TB3-05	01			
1170C		SHIELD					GND	15	G		
1171A	22 AWG	WHITE	W31	J01-03		AA	A01TB3-06	01	AA		
1171B		BLACK		J01-04		K	A01TB3-07	01			
1171C		SHIELD					GND	15	G		
1172A	22 AWG	WHITE	W31	J01-05		AA	A01TB3-08	01	AA		
1172B		BLACK		J01-06		K	A01TB3-09	01			
1172C		SHIELD					GND	15	G		
1173A	22 AWG	WHITE	W31	J01-07		AA	A01TB3-10	01	AA		
1173B		BLACK		J01-08		K	A01TB3-11	01			
1173C		SHIELD					GND	15	G		
1174A	22 AWG	WHITE	W31	J01-09		AA	A01TB3-12	01	AA		
1174B		BLACK		J01-10		K	A01TB3-13	01			
1174C		SHIELD					GND	15	G		
1296A	22 AWG	WHITE	W31	J01-11		AA	A01TB7-06	01	AA		
1296B		BLACK		J01-12		K	A01TB7-07	01			
1296C		SHIELD					GND	15	G		
1297A	22 AWG	WHITE	W31	J01-13		AA	A01TB7-08	01	AA		
1297B		BLACK		J01-14		K	A01TB7-09	01			
1297C		SHIELD					GND	15	G		
1298A	22 AWG	WHITE	W31	J01-15		AA	A01TB7-10	01	AA		
1298B		BLACK		J01-16		K	A01TB7-11	01			
1298C		SHIELD					GND	15	G		
1299A	22 AWG	WHITE	W31	J01-17		AA	A01TB7-12	01	AA		
1299B		BLACK		J01-18		K	A01TB7-13	01			
1299C		SHIELD					GND	15	G		
1300A	22 AWG	WHITE	W31	J01-19		AA	A01TB7-14	01	AA		
1300B		BLACK		J01-20		K	A01TB7-15	01			
1300C		SHIELD					GND	15	G		
	18 AWG	WHITE	W03	J02-A		K	E34		J	JUMPER	
W09	20 AWG	WHITE	W30	J02-P2			FL01J2-P1				
	18 AWG	WHITE	W03	J02-B		K	E35		J	JUMPER	
	18 AWG	WHITE	W22	J02-C			GND	07		JUMPER	
W10	20 AWG	WHITE	W30	J03-P2			FL02J2-P1				
	18 AWG	WHITE	W03	J03-A		K	E36		J	JUMPER	
	18 AWG	WHITE	W03	J03-B		K	E37		J	JUMPER	
	18 AWG	WHITE	W03	J03-C		K	GND	07		JUMPER	
	18 AWG	WHITE	W03	J04-A		K	E38		J	JUMPER	
W11	20 AWG	WHITE	W30	J04-P2			FL03J2-P1				
	18 AWG	WHITE	W03	J04-B		K	E39		J	JUMPER	
	18 AWG	WHITE	W03	J04-C			GND	06		JUMPER	
	18 AWG	WHITE	W03	J11-A		K	E40		J	JUMPER	
	18 AWG	WHITE	W03	J11-B		K	E41		J	JUMPER	
W12	20 AWG	WHITE	W30	J11-P2			FL04J1-P1				
	18 AWG	WHITE	W03	J11-C		K	GND	06	J	JUMPER	
	18 AWG	WHITE	W03	J12-A		K	E42		J	JUMPER	
W13	20 AWG	WHITE	W30	J12-P2			FL05J1-P1				
	18 AWG	WHITE	W03	J12-B		K	E43		J	JUMPER	
	18 AWG	WHITE	W03	J12-C		K	GND		J	JUMPER	
W14	20 AWG	WHITE	W30	J13-P2			FL05J2-P1				
	18 AWG	WHITE	W03	J13-A		K	E44		J	JUMPER	
	18 AWG	WHITE	W03	J13-B		K	E45		J	JUMPER	
	18 AWG	WHITE	W03	J13-C		K	GND	07	K	JUMPER	
	18 AWG	WHITE	W03	J14-A		K	E46	07	J	JUMPER	
W15	20 AWG	WHITE	W30	J14-P2			FL07J1-P1				
	18 AWG	WHITE	W03	J14-B		K	E47		J	JUMPER	
	18 AWG	WHITE	W03	J14-C			GND		J	JUMPER	
	18 AWG	WHITE	W03	J15-C		K	GND		J	JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 14 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
W16	20 AWG	WHITE	W30	J15-P2			FL08J2-P1				
	18 AWG	WHITE	W03	J15-A		K	E48		J	JUMPER	
	18 AWG	WHITE	W03	J15-B		K	E49		J	JUMPER	
	18 AWG	WHITE	W03	J16-A		K	E50		J	JUMPER	
W17	20 AWG	WHITE	W30	J16-P2			FL08J1-P1				
	18 AWG	WHITE	W03	J16-B		K	E51		J	JUMPER	
	18 AWG	WHITE	W03	J16-C		K	GND	07	J	JUMPER	
	18 AWG	WHITE	W03	J17-A		K	E52		J	JUMPER	
W18	20 AWG	WHITE	W30	J17-P2			FL09J1-P1				
	18 AWG	WHITE	W03	J17-B		K	E53		J	JUMPER	
	18 AWG	WHITE	W03	J17-C		K	GND	07	J	JUMPER	
W68	20 AWG	WHITE	W30	J18-P2			A19-P1				
1234A	18 AWG	WHITE	W29	J18-A		K,AE	A08TB1-04	01	AE		
1234B		BLACK		J18-B		K	A08TB1-06	01			
1234C		SHIELD		GND	02	G	A08TB1-05	15	H		
	18 AWG	WHITE	W03	J18-C		K	GND	15		JUMPER	
1235A	18 AWG	WHITE	W29	J19-A		K,AE	A08TB1-07	01	AE		
1235B		BLACK		J19-B		K	A08TB1-09	01			
1235C		SHIELD		GND	02	G	A08TB1-08	15	H		
W69	20 AWG	WHITE	W30	J19-P2			A17-P1				
	18 AWG	WHITE	W03	J19-C		K	GND	02		JUMPER	
1531	12 AWG	WHITE	W53	J20 CT GND	54		GND		J		
1164	12 AWG	WHITE	W53	J20-120V	54		TB17-05	51		IN BRAID WITH 1165	
1524	12 AWG	WHITE	W53	J20-120V	54		J21-120V	54			
	3/8 IN	BRAID	W51	J20-	14	AG	TB17-	14	AG	SHIELD FOR 1164,1165	
1525	12 AWG	WHITE	W53	J20-COM	54		J21-COM	54			
1165	12 AWG	WHITE	W53	J20-COM	54		TB17-06	51		IN BRAID WITH 1164	
1531	12 AWG	WHITE	W53	GND		J	J20 CT GND	54			
1532	12 AWG	WHITE	W53	J21 CT GND	54		GND	54			
1525	12 AWG	WHITE	W53	J21-COM	54		J20-COM	54			
1524	12 AWG	WHITE	W53	J21-120V	54		J20-120V	54			
1532	12 AWG	WHITE	W53	GND	54		J21 CT GND	54			
	18 AWG	BUS	W36	K1-COM		J	GND		K	JUMPER	
	18 AWG	BUS	W36	K1-NC		J	C007-2	31		JUMPER	
1370A	18 AWG	WHITE	W17	K1-X1		J	K2-X1		J		
1370B		SHIELD		GND		J	GND		J		
				K1-X1		J	CR06(C)			COMPONENT LEAD	
	18 AWG	BUS	W36	K1-X2		J	GND		J	JUMPER	
				K1-X2		J	CR06(A)			COMPONENT LEAD	
	18 AWG	BUS	W36	K2-COM		J	GND		J	JUMPER	
	18 AWG	BUS	W36	K2-NC		J	C021-2	44		JUMPER	
1392A	18 AWG	WHITE	W17	K2-X1		J	TB16-02	08		TOP SIDE	
1392B		SHIELD		GND		J	GND	15			
1370A	18 AWG	WHITE	W17	K2-X1		J	K1-X1		J		
1370B		SHIELD		GND		J	GND		J		
				K2-X1		J	CR07(C)			COMPONENT LEAD	
	18 AWG	BUS	W36	K2-X2		J	GND		J	JUMPER	
				K2-X2		J	CR07(A)			COMPONENT LEAD	
1372	22 AWG	WHITE	W01	K3-1		J	K4-1		J		
1149	22 AWG	WHITE	W01	K3-1		J	TB16-07	08		TOP SIDE	
1373	22 AWG	WHITE	W01	K3-2		J	K4-2		J		
1151	22 AWG	WHITE	W01	K3-2		J	TB16-08	08		TOP SIDE	
1374	22 AWG	WHITE	W01	K3-3		J	K4-3		J		
1153	22 AWG	WHITE	W01	K3-3		J	TB16-09	08		TOP SIDE	
1375	22 AWG	WHITE	W01	K3-4		J	K4-4		J		
1155	22 AWG	WHITE	W01	K3-4		J	TB16-11	01			
1376	22 AWG	WHITE	W01	K3-5		J	K4-5		J		
1157	22 AWG	WHITE	W01	K3-5		J	TB16-13	08		TOP SIDE	
1377	22 AWG	WHITE	W01	K3-6		J	K4-6		J		
1138	22 AWG	WHITE	W01	K3-6		J	TB16-15	08			
	22 AWG	WHITE	W01	K3-COM		J	GND		J	JUMPER	
W20	RG223		W44	K3-J1-P1			W21-P2				
W24	RG223		W44	K3-J2-P1			W25-P2				
W28	RG223		W44	K3-J3-P1			W29-P2				
W32	RG223		W44	K3-J4-P1			W33-P2				
W36	RG223		W44	K3-J5-P1			W37-P2				
W40	RG223		W44	K3-J6-P1			W41-P2				
W67	RG223		W44	K3-J7-P1			W67-J1				
1372	22 AWG	WHITE	W01	K4-1		J	K3-1		J		
1373	22 AWG	WHITE	W01	K4-2		J	K3-2		J		
1374	22 AWG	WHITE	W01	K4-3		J	K3-3		J		
1375	22 AWG	WHITE	W01	K4-4		J	K3-4		J		
1376	22 AWG	WHITE	W01	K4-5		J	K3-5		J		
1377	22 AWG	WHITE	W01	K4-6		J	K3-6		J		
	22 AWG	WHITE	W01	K4-COM		J	GND		J	JUMPER	
W42	RG223		W44	K4-J1-P1			W43-P2				
W46	RG223		W44	K4-J2-P1			W47-P2				
W50	RG223		W44	K4-J3-P1			W51-P2				
W54	RG223		W44	K4-J4-P1			W55-P2				
W58	RG223		W44	K4-J5-P1			W59-P2				
W62	RG223		W44	K4-J6-P1			W63-P2				
W66	RG223		W44	K4-J7-P1			W66-J1				

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 15 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
W02	RG223		W44	K5-COM-P1			DC1-IN-P2				
W01	RG223		W44	K5-NC-P1			W01J1				
1295	18 AWG WHITE		W03	K5-X1		J	A25S2-C1		J		
				K5-X1		J	CR24(C)			COMPONENT LEAD	
	18 AWG WHITE		W03	K5-X2		J	GND		J	JUMPER	
				K5-X2		J	CR24(A)			COMPONENT LEAD	
W06	RG223		W44	K6-J1-P1			FL01J1-P2				
W07	RG223		W44	K6-J2-P1			FL02J1-P2				
W08	RG223		W44	K6-J3-P1			FL03J1-P2				
W19	RG223		W44	K6-J4-P1			W19-J1				
1126	18 AWG WHITE		W03	K6TB1-1	42		TB16-02	01			
1139	18 AWG WHITE		W03	K6TB1-2	01		TB16-16	01		TOP SIDE	
1128	18 AWG WHITE		W03	K6TB1-3	42		TB16-05	01			
	18 AWG WHITE		W03	K7-A1	06		R08-2		J	JUMPER	
1385	18 AWG WHITE		W03	K7-A2	06		TB17-07	05			
1354	18 AWG WHITE		W03	K7-X1	06		TB21-03	08			
				K7-X1		J	CR08(C)			COMPONENT LEAD	
	18 AWG WHITE		W03	K7-X2	07		GND		J	JUMPER	
				K7-X2		J	CR08(A)			COMPONENT LEAD	
				L01-1		J	C045-2			COMPONENT LEAD	
				L01-2	31		R02-1			COMPONENT LEAD	
	12 AWG BUS		W33	L02-1	30		L03-2	30		JUMPER	
	12 AWG BUS		W33	L02-2	30		C013-1	30		JUMPER	
	12 AWG BUS		W33	L03-1	30		C006-2	30		JUMPER	
	12 AWG BUS		W33	L03-2	30		L02-1	30		JUMPER	
	16 AWG BUS		W35	L03-2	37		C007-1	37		JUMPER	
	18 AWG BUS		W36	L06-1	42		XV2-GRID	42		JUMPER	
	18 AWG BUS		W36	L06-2	42		C48-1	42		JUMPER	
				L07-1		J	R04-1			COMPONENT LEAD	
	RG223		W44	L07-2	06	B	L33-1		J,B	JUMPER	
				SHIELD			GND				
	18 AWG BUS		W36	L12-1	42		XV3-GRID	42		JUMPER	
				L12-1	37		C102-1			COMPONENT LEAD	
	18 AWG BUS		W36	L12-2	42		C050-1	42		JUMPER	
	RG223		W44	L13-1	06	B	L52-2	05	B	JUMPER	
				SHIELD			GND	37			
	18 AWG BUS		W36	L13-2	31		R06-1	31		JUMPER	
	8 AWG WHITE		W26	L16-1	32	E	C034-2	32	E	JUMPER	
	8 AWG WHITE		W26	L16-1	35	B	R34-2	29	B	JUMPER	
	4/0 AWG BLACK		W25	L17-1	27	E	C040-1	27	E	JUMPER	
	18 AWG WHITE		W03	L17-1	34		L48-1		J	JUMPER	
	4/0 AWG BLACK		W25	L17-2	27	E	CR02(+)	27	E	JUMPER	
	18 AWG WHITE		W03	L17-2	34		L49-1		J	JUMPER	
				L18-1			E02		J	COMPONENT LEAD	
				L18-2			E03		J	COMPONENT LEAD	
				L19-1			E04		J	COMPONENT LEAD	
				L19-2			E05		J	COMPONENT LEAD	
				L20-1			E06		J	COMPONENT LEAD	
				L20-2			E07		J	COMPONENT LEAD	
				L21-2			E08		J	COMPONENT LEAD	
				L21-2			E09		J	COMPONENT LEAD	
				L22-1			E10		J	COMPONENT LEAD	
				L22-2			E11		J	COMPONENT LEAD	
				L23-1			E12		J	COMPONENT LEAD	
				L23-2			E13		J	COMPONENT LEAD	
				L24-1			E14		J	COMPONENT LEAD	
				L24-2			E15		J	COMPONENT LEAD	
				L25-1			E16		J	COMPONENT LEAD	
				L25-2			E17		J	COMPONENT LEAD	
				L26-1			E18		J	COMPONENT LEAD	
				L26-2			E19		J	COMPONENT LEAD	
				L27-1			E20		J	COMPONENT LEAD	
				L27-2			E21		J	COMPONENT LEAD	
				L28-1			E22		J	COMPONENT LEAD	
				L28-2			E23		J	COMPONENT LEAD	
				L29-1			C102-2		J	COMPONENT LEAD	
	18 AWG BUS		W36	L29-2	42		R09-1	42		JUMPER	
	2/0 AWG BLACK		W24	L31-1	23	E	C011-3	21	E	JUMPER	
	18 AWG WHITE		W03	L31-1	34		L46-1		J	JUMPER	
	2/0 AWG BLACK		W24	L31-2	24	E	CR12(+)	24	E	JUMPER	
	18 AWG WHITE		W03	L31-2	04		L47-1		J	JUMPER	
				L32-1			C004-2		J	COMPONENT LEAD	
				L32-2			C45-2		J	COMPONENT LEAD	
	RG223		W44	L33-1		J,B	L07-2	06	B	JUMPER	
				SHIELD		J	GND				
				L33-2			C018-2		J	COMPONENT LEAD	
	18 AWG BUS		W36	L34-1	42		C048-1	42		JUMPER	
	18 AWG BUS		W36	L34-2	42		C019-1	42		JUMPER	
	18 AWG BUS		W36	L35-1	42		C050-1	42		JUMPER	
	18 AWG BUS		W36	L35-2	42		C033-1	42		JUMPER	
	18 AWG WHITE		W03	L36-1	34		L44-1		J	JUMPER	
	2/0 AWG BLACK		W24	L36-1	22	E	CR01(+)	23	E	JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 16 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	18 AWG	WHITE	W03	L36-2	34		L45-1		J	JUMPER	
1349	4/0 AWG	BLACK	W25	L36-2	27	E	C025-1	25	E	RUN IN 5/8" BRAID	
	5/8 IN	BRAID	W40	L36-	15	AF	C025-	13	AF	SHIELD FOR 1349	
	18 AWG	WHITE	W03	L36-2	34		C93(+)	05		JUMPER	
	1/4" BUS			L37-1		N395	C066-2			MANUFACTURED BUS	
	1/4" BUS			L37-2		N394	C034-1			MANUFACTURED BUS	
	18 AWG	WHITE	W03	L38-1		J	C091(-)	05		JUMPER	
				L38-1		J	C041-2		J	COMPONENT LEAD	
1199A	18 AWG	WHITE	W29	L39-2		J,AE	A01TB5-10	01	AE		
1199B		BLACK		L38-2		J	A01TB5-11	01			
1199C		SHIELD		GND	15	G	GND	15	G		
				L38-2		J	C012-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L39-1		J	C089(+)	05		JUMPER	
				L39-1			C031-1		J	COMPONENT LEAD	
				L39-2			C026-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L40-1		J	C025-1	34		JUMPER	
				L40-1			C044-1		J	COMPONENT LEAD	
1200A	18 AWG	WHITE	W29	L40-2		J,AE	A01TB5-12	01	AE		
1200B		BLACK		L41-2		J	A01TB5-13	01			
1200C		SHIELD					GND	15	G		
				L40-2			C060-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L41-1		J	C025-3	34		JUMPER	
				L41-1			C059-1		J	COMPONENT LEAD	
				L41-2			C061-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L42-1		J	C097(+)	05		JUMPER	
				L42-1			C062-1		J	COMPONENT LEAD	
1201A	18 AWG	WHITE	W29	L42-2		J,AE	A01TB5-14	01	AE		
1201B		BLACK		L43-2		J	A01TB5-15	01			
1201C		SHIELD		GND		J	GND	15	G		
				L42-2			C064-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L43-1		J	C099(-)	05		JUMPER	
				L43-1			C063-1		J	COMPONENT LEAD	
				L43-2			C065-1		J	COMPONENT LEAD	
				L44-1			C055-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L44-1		J	L36-1	34		JUMPER	
1359A	18 AWG	WHITE	W29	L44-2		J,AE	A01TB8-03	01	AE		
1359B		BLACK		L45-2		J	A01TB8-04	01			
1359C		SHIELD		GND		J	GND	15	G		
				L44-2			C056-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L45-1		J	L36-2	34		JUMPER	
				L45-1			C057-1		J	COMPONENT LEAD	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 17 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
				L45-2			C058-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L46-1		J	L31-1	34		JUMPER	
				L46-1			C079-1		J	COMPONENT LEAD	
1380A	18 AWG	WHITE	W29	L47-2		J,AE	A01TB8-01	01	AE		
1380B		WHITE		L46-2		J	A02TB8-02	01			
1380C		SHIELD		GND		J	GND	15	G		
				L46-2			C077-1		J	COMPONENT LEAD	
				L47-1			C080-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L47-1		J	L31-2	04		JUMPER	
				L47-2			C078-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L48-1		J	L17-1	34		JUMPER	
				L48-1			C108-1		J	COMPONENT LEAD	
1360A	18 AWG	WHITE	W29	L49-2		J,AE	A01TB8-05	01	AE		
1360B		BLACK		L48-2		J	A01TB8-06	01			
1360C		SHIELD		GND		J	GND	15	G		
				L48-2			C109-1		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	L49-1		J	L17-2	34		JUMPER	
				L49-1			C106-1		J	COMPONENT LEAD	
				L49-2			C107-1		J	COMPONENT LEAD	
				L50-1			E24		J	COMPONENT LEAD	
				L50-2			E25		J	COMPONENT LEAD	
RG223			W44	L52-2	05	B	L13-1	06	B	JUMPER	
		SHIELD		GND	37						
	20 AWG	WHITE	W02	MT01-1		J,AA	TB06-03	08		JUMPER	
	20 AWG	WHITE	W02	MT01-2		J,AA	TB06-04	08		JUMPER	
	20 AWG	WHITE	W02	MT01-3		J,AA	TB06-05	08		JUMPER	
	20 AWG	WHITE	W02	MT02-1		J,AA	TB06-08	08		JUMPER	
	20 AWG	WHITE	W02	MT02-2		J,AA	TB06-09	08		JUMPER	
	20 AWG	WHITE	W02	MT02-3		J,AA	TB06-10	08		JUMPER	
	20 AWG	WHITE	W02	MT03-1		J,AA	TB06-13	08		JUMPER	
	20 AWG	WHITE	W02	MT03-2		J,AA	TB06-14	08		JUMPER	
	20 AWG	WHITE	W02	MT03-3		J,AA	TB06-15	08		JUMPER	
	20 AWG	WHITE	W02	MT04-1		J,AA	TB07-02	08		JUMPER	
	20 AWG	WHITE	W02	MT04-2		J,AA	TB07-03	08		JUMPER	
	20 AWG	WHITE	W02	MT04-3		J,AA	TB07-04	08		JUMPER	
	20 AWG	WHITE	W02	MT05-1		J,AA	TB07-07	01		JUMPER	
	20 AWG	WHITE	W02	MT05-2		J,AA	TB07-08	01		JUMPER	
	20 AWG	WHITE	W02	MT05-3		J,AA	TB07-09	01		JUMPER	
	20 AWG	WHITE	W02	MT06-1		J,AA	TB07-13	01		JUMPER	
	20 AWG	WHITE	W02	MT06-2		J,AA	TB07-14	08		JUMPER	
	20 AWG	WHITE	W02	MT06-3		J,AA	TB07-15	08		JUMPER	
	20 AWG	WHITE	W02	MT07-1		J,AA	TB07-19	08		JUMPER	
	20 AWG	WHITE	W02	MT07-2		J,AA	TB07-20	01		JUMPER	
	20 AWG	WHITE	W02	MT07-3		J,AA	TB08-01	08		JUMPER	
	20 AWG	WHITE	W02	MT08-1		J,AA	TB07-19	08		JUMPER	
	20 AWG	WHITE	W02	MT08-2		J,AA	TB07-20	01		JUMPER	
	20 AWG	WHITE	W02	MT08-3		J,AA	TB08-04	08		JUMPER	
	20 AWG	WHITE	W02	MT09-1		J,AA	TB08-07	08		JUMPER	
	20 AWG	WHITE	W02	MT09-2		J,AA	TB08-06	08		JUMPER	
	20 AWG	WHITE	W02	MT09-3		J,AA	TB08-08	01		JUMPER	
	20 AWG	WHITE	W02	MT10-1		J,AA	TB08-13	01		JUMPER	
	20 AWG	WHITE	W02	MT10-2		J,AA	TB08-11	08		JUMPER	
	20 AWG	WHITE	W02	MT10-3		J,AA	TB08-15	01		JUMPER	
	20 AWG	WHITE	W02	MT11-1		J,AA	TB09-01	08		JUMPER	
	20 AWG	WHITE	W02	MT11-2		J,AA	TB09-02	01		JUMPER	
	20 AWG	WHITE	W02	MT11-3		J,AA	TB09-03	01		JUMPER	
1558	20 AWG	WHITE	W02	MT12-1		J,AA	TB05-02	01			
1559	20 AWG	WHITE	W02	MT12-2		J,AA	TB05-03	01			
1560	20 AWG	WHITE	W02	MT12-3		J,AA	TB05-01	08			
1561	20 AWG	WHITE	W02	MT13-1		J,AA	TB05-02	08			
1562	20 AWG	WHITE	W02	MT13-2		J,AA	TB05-03	01			
1563	20 AWG	WHITE	W02	MT13-3		J,AA	TB05-04	01			
1564	20 AWG	WHITE	W02	MT14-1		J,AA	TB05-10	08			
1565	20 AWG	WHITE	W02	MT14-2		J,AA	TB05-11	08			
1566	20 AWG	WHITE	W02	MT14-3		J,AA	TB05-12	01			
1567	20 AWG	WHITE	W02	MT15-1		J,AA	TB05-10	01			
1568	20 AWG	WHITE	W02	MT15-2		J,AA	TB05-11	01			
1569	20 AWG	WHITE	W02	MT15-3		J,AA	TB05-13	01			
	20 AWG	WHITE	W02	MT16-1		J,AA	TB10-01	08		JUMPER	
	20 AWG	WHITE	W02	MT16-2		J,AA	TB10-02	08		JUMPER	
	20 AWG	WHITE	W02	MT16-3		J,AA	TB10-03	08		JUMPER	
	20 AWG	WHITE	W02	MT17-1		J,AA	TB14-01	01		JUMPER	
	20 AWG	WHITE	W02	MT17-2		J,AA	TB14-02	01		JUMPER	
	20 AWG	WHITE	W02	MT17-3		J,AA	TB14-03	01		JUMPER	
1570	20 AWG	WHITE	W02	MT18-1		J,AA	TB05-17	01			
1571	20 AWG	WHITE	W02	MT18-2		J,AA	TB05-18	01			
1572	20 AWG	WHITE	W02	MT18-3		J,AA	TB05-19	01			
1573	20 AWG	WHITE	W02	MT19-1		J,AA	TB05-17	01			
1574	20 AWG	WHITE	W02	MT19-2		J,AA	TB05-18	01			
1575	20 AWG	WHITE	W02	MT19-3		J,AA	TB05-20	01			
	20 AWG	WHITE	W02	MT20-1		J,AA	TB09-06	01		JUMPER	
	20 AWG	WHITE	W02	MT20-2		J,AA	TB09-07	01		JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 18 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	20	AWG WHITE	W02	MT20-3		J,AA	TB09-08	01		JUMPER	
	20	AWG WHITE	W02	MT21-1		J,AA	TB08-12	08		JUMPER	
	20	AWG WHITE	W02	MT21-2		J,AA	TB08-14	08		JUMPER	
	20	AWG WHITE	W02	MT21-3		J,AA	TB08-09	01		JUMPER	
1590A	20	AWG WHITE	W30	P7-A	01		A08TB1-19				
1590B		BLACK		P7-B	01		A08TB1-20				
1590C		GND		P7-C	01		GND				
1591A	20	AWG WHITE	W30	P8-A	01		A08TB1-19				
1591B		BLACK		P8-B	01		A08TB1-20				
1591C		GND		P8-C	01		SHIELD				
1166	18	AWG WHITE	W03	PS1-1	07		TB17-07	05			
1410	18	AWG WHITE	W03	PS1-1	07		E27		J		
1167	18	AWG WHITE	W03	PS1-2	07		TB17-08	05			
1411	18	AWG WHITE	W03	PS1-2	07		E28		J		
1178	18	AWG WHITE	W03	PS1-3	01		A01TB3-17	01			
1118	18	AWG WHITE	W03	PS1-3	07		TB10-02	01			
	18	AWG BUS	W36	PS1-3		J	PS1-4		J	JUMPER	
	18	AWG BUS	W36	PS1-4		J	PS1-3		J	JUMPER	
1179	18	AWG WHITE	W03	PS1-4	01		A01TB3-18	01			
	18	AWG BUS	W36	PS1-4		J	PS1-5		J	JUMPER	
	18	AWG WHITE	W03	PS1-4	07		GND		J	JUMPER	
1047	18	AWG WHITE	W03	PS1-5	01		TB06-02	01			
	18	AWG BUS	W36	PS1-5		J	PS1-4		J	JUMPER	
1027	14	AWG WHITE	W05	PS1-5	15		TB04-02	15			
1177	18	AWG WHITE	W03	PS1-6	07		A01TB4-14	01			
1176	18	AWG WHITE	W03	PS1-6	07		A01TB4-13	01			
	18	AWG WHITE	W03	PS1-6	01		PS1-7		J	JUMPER	
1284	12	AWG WHITE	W53	PS1-7	20		A24TB3-15	20			
1413	18	AWG WHITE	W03	PS1-7	07		S39-COM	52	J		
				PS1-7		J	CR27(C)		J	COMPONENT LEAD	
	18	AWG WHITE	W03	PS1-7		J	PS1-6	01		JUMPER	
	18	AWG WHITE	W03	PS2-1	07		E27		J	JUMPER	
	18	AWG WHITE	W03	PS2-1	09		PS6-01	09		JUMPER	
	18	AWG WHITE	W03	PS2-2	01		E28		J	JUMPER	
	18	AWG WHITE	W03	PS2-3	01		GND		J	JUMPER	
	18	AWG BUS	W36	PS2-3		J	PS2-4	01		JUMPER	
	18	AWG WHITE	W03	PS2-3	01		GND		J	JUMPER	
	18	AWG BUS	W36	PS2-4		J	PS2-5		J	JUMPER	
	18	AWG BUS	W36	PS2-4	01		PS2-3		J	JUMPER	
	18	AWG BUS	W36	PS2-5		J	PS2-4		J	JUMPER	
	18	AWG WHITE	W03	PS2-6	01		E29		J	JUMPER	
	18	AWG BUS	W36	PS2-6		J	PS2-7		J	JUMPER	
	18	AWG BUS	W36	PS2-7		J	PS2-6		J	JUMPER	
1315A	18	AWG WHITE	W17	PS3E1	06	AA	C005-2	05	AA		
1315B		SHIELD		GND	42	G	GND	15	G		
1510A	18	AWG WHITE	W17	PS3E2	06	AA	A09TB1-01	01	AA		
1510B		SHIELD		GND	38	G					
1511A	18	AWG WHITE	W17	PS3E3	06	AA	A09TB1-02	01	AA		
1511B		SHIELD		GND	38	G					
1512A	18	AWG WHITE	W17	PS3E4	06	AA	A09TB1-03	01	AA		
1512B		SHIELD		GND	38	G					
1513A	18	AWG WHITE	W17	PS3E5	06	AA	A09E1		J,AA		
1513B		SHIELD		GND	38	G					
1514A	18	AWG WHITE	W17	PS3E6	06	AA	A09E2		J,AA		
1514B		SHIELD		GND	38	G					
1515A	18	AWG WHITE	W17	PS3E7	06	AA	A09E3		J,AA		
1515B		SHIELD		GND	38	G					
1364A	18	AWG WHITE	W17	PS3E8	01	AA	A01TB8-07	01	AA		
1364B		SHIELD		GND	14	G	GND	15	G		
1274	18	AWG WHITE	W03	PS3TB1-01	01		A24TB2-07	01			
1275	18	AWG WHITE	W03	PS3TB1-02	01		A24TB2-08	01			
1276	18	AWG WHITE	W03	PS3TB1-03	01		A24TB2-09	01			
1415	18	AWG WHITE	W07	PS3TB1-04	01		PS4TB1-04	01			
1285	12	AWG WHITE	W07	PS3TB1-04	20		A24TB3-18	20			
1416	18	AWG WHITE	W07	PS3TB1-05	01		PS4TB1-05	01			
1175	18	AWG WHITE	W07	PS3TB1-05	08		A01TB3-14	01			
1489	18	AWG WHITE	W07	PS3TB1-06	01		A01TB8-10	08			
1463	18	AWG WHITE	W07	PS3TB1-06	08		PS4TB1-06	01			
1192A	18	AWG WHITE	W17	PS3TB1-07	01	AA	A01TB5-03	01	AA		
1192B		SHIELD					GND	15	G		
1340A	18	AWG WHITE	W17	PS4E1	08	AA	C019-2		J,AA		
1340B		SHIELD		GND	42	G	GND	15	G		
1516A	18	AWG WHITE	W17	PS4E2	06	AA	A09E4		J,AA		
1516B		SHIELD		GND	38	G					
1517A	18	AWG WHITE	W17	PS4E3	06	AA	A09E5		J,AA		
1517B		SHIELD		GND	38	G					
1518A	18	AWG WHITE	W17	PS4E4	06	AA	A09E6		J,AA		
1518B		SHIELD		GND	38	G					
1367A	18	AWG WHITE	W17	PS4E5	01	AA	A01TB8-08	01	AA		
1367B		SHIELD		GND	14	G	GND	15	G		
1475	18	AWG WHITE	W07	PS4TB1-01	01		A09TB1-10	01			
1476	18	AWG WHITE	W07	PS4TB1-02	01		A09TB1-11	01			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 19 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1477	18 AWG	WHITE	W07	PS4TB1-03	01		A09TB1-12	01			
1415	18 AWG	WHITE	W07	PS4TB1-04	01		PS3TB1-04	01			
1418	18 AWG	WHITE	W07	PS4TB1-04	08		PS5TB1-04	08			
1416	18 AWG	WHITE	W07	PS4TB1-05	01		PS3TB1-05	01			
1419	18 AWG	WHITE	W07	PS4TB1-05	01		PS5TB1-05	01			
1463	18 AWG	WHITE	W07	PS4TB1-06	01		PS3TB1-06	08			
1420	18 AWG	WHITE	W07	PS4TB1-06	01		PS5TB1-06	08			
1193A	18 AWG	WHITE	W17	PS4TB1-07	01		A01TB5-04	01			
1193B		SHIELD					GND	15	G		
1365A	18 AWG	WHITE	W17	PS5E1	06	AA	C033-2	05	AA		
1365B		SHIELD		GND	42	G	GND	15	G		
1519A	18 AWG	WHITE	W17	PS5E2	06	AA	A09E7		J,AA		
1519B		SHIELD		GND	38	G					
1520A	18 AWG	WHITE	W17	PS5E3	06	AA	A09E8		J,AA		
1520B		SHIELD		GND	38	G					
1521A	18 AWG	WHITE	W17	PS5E4	06	AA	A09E9		J,AA		
1521B		SHIELD		GND	38	G					
1368A	18 AWG	WHITE	W17	PS5E5	06	AA	A01TB8-09	01	AA		
1368B		SHIELD		GND	14	G	GND	15	G		
1483	18 AWG	WHITE	W03	PS5TB1-01	01		A09TB1-19	01			
1482	18 AWG	WHITE	W03	PS5TB1-02	01		A09TB1-18	01			
1481	18 AWG	WHITE	W03	PS5TB1-03	01		A09TB1-17	01			
1418	18 AWG	WHITE	W03	PS5TB1-04	03		PS4TB1-04	08			
1419	18 AWG	WHITE	W03	PS5TB1-05	01		PS4TB1-05	01			
1420	18 AWG	WHITE	W03	PS5TB1-06	08		PS4TB1-06	01			
1194A	18 AWG	WHITE	W17	PS5TB1-07	01	AA	A01TB5-05	01	AA		
1194B		SHIELD					GND	15	G		
	18 AWG	WHITE	W03	PS6-01	09		PS2-1	09		JUMPER	
	18 AWG	WHITE	W03	PS6-01	02		E32		J	JUMPER	
	18 AWG	BUS	W36	PS6-10		J	PS6-09		J	JUMPER	
	18 AWG	BUS	W36	PS6-11		J	PS6-12		J	JUMPER	
	18 AWG	WHITE	W03	PS6-11	02		E33		J	JUMPER	
	18 AWG	BUS	W36	PS6-12		J	PS6-11		J	JUMPER	
	18 AWG	BUS	W36	PS6-13		J	PS6-14		J	JUMPER	
	18 AWG	WHITE	W03	PS6-13	01		GND		J	JUMPER	
	18 AWG	BUS	W36	PS6-14		J	PS6-15		J	JUMPER	
	18 AWG	BUS	W36	PS6-14		J	PS6-13		J	JUMPER	
	18 AWG	BUS	W36	PS6-15		J	PS6-14		J	JUMPER	
	18 AWG	WHITE	W03	PS6-02	02		E31		J	JUMPER	
	18 AWG	BUS	W36	PS6-03		J	PS6-04		J	JUMPER	
	18 AWG	WHITE	W03	PS6-03	01		GND		J	JUMPER	
	18 AWG	BUS	W36	PS6-04		J	PS6-05		J	JUMPER	
	18 AWG	BUS	W36	PS6-04		J	PS6-03		J	JUMPER	
	18 AWG	BUS	W36	PS6-05		J	PS6-04		J	JUMPER	
	18 AWG	BUS	W36	PS6-06		J	PS6-07		J	JUMPER	
	18 AWG	WHITE	W03	PS6-06	02		E30		J	JUMPER	
	18 AWG	BUS	W36	PS6-07		J	PS6-06		J	JUMPER	
	18 AWG	BUS	W36	PS6-09		J	PS6-10		J	JUMPER	
				R01-1			XV1-GRID		J	COMPONENT LEAD	
				R01-2			C046-1		J	COMPONENT LEAD	
				R02-1			R03-1		J	COMPONENT LEAD	
				R02-1			L01-2		J	COMPONENT LEAD	
				R02-2			R03-2		J	COMPONENT LEAD	
				R03-1			R02-1		J	COMPONENT LEAD	
				R03-2			XV1-SCR		J	COMPONENT LEAD	
				R04-1			L07-1		J	COMPONENT LEAD	
				R04-1			R05-1		J	COMPONENT LEAD	
				R04-2			R05-2		J	COMPONENT LEAD	
				R05-1			R04-1		J	COMPONENT LEAD	
				R05-2			R04-2		J	COMPONENT LEAD	
				R05-2	31		XV2-SCREEN		J	COMPONENT LEAD	
	18 AWG	BUS	W36	R06-1	31		L13-2	31		JUMPER	
	18 AWG	BUS	W36	R06-2	31		E01	42		JUMPER	
	18 AWG	BUS	W36	R06-2	31		XV3-SCREEN	53		JUMPER	
1424	14 AWG	WHITE	W05	R08-1		J	S38TB1-01	15			
	18 AWG	WHITE	W03	R08-2		J	K7-A1	06		JUMPER	
1386	14 AWG	WHITE	W05	R08-2		J	S38TB1-04	10			
	18 AWG	BUS	W36	R09-1	42		L29-2	42		JUMPER	
	16 AWG	WHITE	W04	R10-1		J	C101(+)	12		JUMPER	
	16 AWG	WHITE	W04	R10-2		J	CR45(C)		J	JUMPER	
	16 AWG	WHITE	W04	R11-1		J	CR46(C)		J	JUMPER	
	16 AWG	WHITE	W04	R11-2		J	C101(+)	12		JUMPER	
				R11-2		J	R12-1			COMPONENT LEAD	
1576	16 AWG	WHITE	W04	R11-1		J	A24TB4-01	01			
				R12-1			R11-2		J	COMPONENT LEAD	
				R12-2		J	GND		J	COMPONENT LEAD	
	8 AWG	WHITE	W26	R33-1	29	E	C035-1	35	E	JUMPER	
	8 AWG	WHITE	W26	R34-1	29	E	C036-1	35	E	JUMPER	
	8 AWG	WHITE	W26	R34-2	29	E	L16-1	35	E	JUMPER	
				RV1-1			TB17-07		N528	COMPONENT LEAD	
				RV1-2			GND		J	COMPONENT LEAD	
1338	18 AWG	WHITE	W03	S01-COM		J,AA	TB18-02	01			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 20 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1490	18	AWG WHITE	W03	S01-NC		J	S02-NC		J		
1333	18	AWG WHITE	W03	S01-NO		J	S02-COM		J		
1333	18	AWG WHITE	W03	S02-COM		J	S01-NO		J		
1490	18	AWG WHITE	W03	S02-NC		J,AA	S01-NC		J		
1245	18	AWG WHITE	W03	S02-NC		J	TB18-01	08			
1302	18	AWG WHITE	W03	S02-NO		J,AA	TB18-03	01			
1309	18	AWG WHITE	W03	S03-COM		J,AA	TB19-02	01			
1434	18	AWG WHITE	W03	S03-NC		J	S04-NC		J		
1436	18	AWG WHITE	W03	S03-NO		J	S04-COM		J		
1436	18	AWG WHITE	W03	S04-COM		J	S03-NO		J		
1304	18	AWG WHITE	W03	S04-NC		J,AA	TB19-01	01			
1434	18	AWG WHITE	W03	S04-NC		J	S03-NC		J		
1328	18	AWG WHITE	W03	S04-NO		J,AA	TB19-03	01			
1529	18	AWG WHITE	W03	S05-NO		J,AA	S06-COM		J		
1356	18	AWG WHITE	W03	S05-COM		J,AA	TB20-02	01			
1438	18	AWG WHITE	W03	S05-NC		J,AA	S06-NC		J		
1348	18	AWG WHITE	W03	S05-NC		J	TB20-01	01			
1529	18	AWG WHITE	W03	S06-COM		J	S05-NO		J		
1438	18	AWG WHITE	W03	S06-NC		J	S05-NC		J		
1346	18	AWG WHITE	W03	S06-NO		J,AA	TB20-03	01			
1355	18	AWG WHITE	W03	S07-COM		J,AA	TB21-02	01			
1491	18	AWG WHITE	W03	S07-NC		J	S08-NC		J		
1492	18	AWG WHITE	W03	S07-NO		J	S08-COM		J		
1492	18	AWG WHITE	W03	S08-COM		J	S07-NO		J		
1353	18	AWG WHITE	W03	S08-NC		J	TB21-01	08			
1491	18	AWG WHITE	W03	S08-NC		J	S07-NC		J		
1363	18	AWG WHITE	W03	S08-NO		J,AA	TB21-03	01			
1114	18	AWG WHITE	W03	S09-COM		J	TB13-01	01			
1485	18	AWG WHITE	W03	S09-COM		J,AA	A24TB3-16	08	AA		
1493	18	AWG WHITE	W03	S09-NC		J,AA	S10-NC		J,AA		
1444	18	AWG WHITE	W03	S09-NO		J,AA	S10-COM		J,AA		
1495	18	AWG WHITE	W03	S10-NO		J,AA	S11-COM		J,AA		
1444	18	AWG WHITE	W03	S10-COM		J,AA	S09-NO		J,AA		
1493	18	AWG WHITE	W03	S10-NC		J,AA	S09-NC		J,AA		
1494	18	AWG WHITE	W03	S10-NC		J,AA	S11-NC		J,AA		
1495	18	AWG WHITE	W03	S11-COM		J,AA	S10-NO		J,AA		
1494	18	AWG WHITE	W03	S11-NC		J,AA	S10-NC		J,AA		
1496	18	AWG WHITE	W03	S11-NC		J,AA	S12-NC		J,AA		
1497	18	AWG WHITE	W03	S11-NO		J,AA	S12-COM		J,AA		
1497	18	AWG WHITE	W03	S12-COM		J,AA	S11-NO		J,AA		
1496	18	AWG WHITE	W03	S12-NC		J,AA	S11-NC		J,AA		
1498	18	AWG WHITE	W03	S12-NC		J,AA	S13-NC		J,AA		
1499	18	AWG WHITE	W03	S12-NO		J,AA	S13-COM		J,AA		
1499	18	AWG WHITE	W03	S13-COM		J,AA	S12-NO		J,AA		
1498	18	AWG WHITE	W03	S13-NC		J,AA	S12-NC		J,AA		
1500	18	AWG WHITE	W03	S13-NC		J,AA	S14-NC		J,AA		
1501	18	AWG WHITE	W03	S13-NO		J,AA	S14-COM		J,AA		
1501	18	AWG WHITE	W03	S14-COM		J,AA	S13-NO		J,AA		
1500	18	AWG WHITE	W03	S14-NC		J,AA	S13-NC		J,AA		
1502	18	AWG WHITE	W03	S14-NC		J,AA	S15-NC		J,AA		
1503	18	AWG WHITE	W03	S14-NO		J,AA	S15-COM		J,AA		
1503	18	AWG WHITE	W03	S15-COM		J,AA	S14-NO		J,AA		
1502	18	AWG WHITE	W03	S15-NC		J,AA	S14-NC		J,AA		
1504	18	AWG WHITE	W03	S15-NC		J,AA	S16-NC		J,AA		
1505	18	AWG WHITE	W03	S15-NO		J,AA	S16-COM		J,AA		
1505	18	AWG WHITE	W03	S16-COM		J,AA	S15-NO		J,AA		
1504	18	AWG WHITE	W03	S16-NC		J,AA	S15-NC		J,AA		
1506	18	AWG WHITE	W03	S16-NC		J,AA	S17-NC		J,AA		
1507	18	AWG WHITE	W03	S16-NO		J,AA	S17-COM		J,AA		
1507	18	AWG WHITE	W03	S17-COM		J,AA	S16-NO		J,AA		
1506	18	AWG WHITE	W03	S17-NC		J,AA	S16-NC		J,AA		
1008	18	AWG WHITE	W03	S17-NC		J,AA	TB03-02	01	AA		
1010	18	AWG WHITE	W03	S17-NO		J,AA	TB03-03	01	AA		
	18	AWG WHITE	W03	S26-COM		J,AA	TB13-01	01		JUMPER	
	18	AWG WHITE	W03	S26-NC		J	TB13-02	01		JUMPER	
	18	AWG WHITE	W03	S27-COM		J	TB12-01	01		JUMPER	
	18	AWG WHITE	W03	S27-NC		J	TB12-02	01		JUMPER	
	18	AWG WHITE	W03	S28-COM		J	TB11-01	01		JUMPER	
	18	AWG WHITE	W03	S28-NC		J	TB11-02	01		JUMPER	
1014	18	AWG WHITE	W03	S29-COM	07		TB03-06	08			
1196	18	AWG WHITE	W03	S29-NC	07		A01TB5-07	01			
1182	18	AWG WHITE	W03	S29-NO	07		A01TB4-02	01			
1031	18	AWG WHITE	W03	S30-COM		J,AA	TB04-06	01			
1509	18	AWG WHITE	W03	S30-NC		J,AA	S31-NC		J,AA		
1508	18	AWG WHITE	W03	S30-NO		J,AA	S31-COM		J,AA		
1508	18	AWG WHITE	W03	S31-COM		J,AA	S30-NO		J,AA		
1303	18	AWG WHITE	W03	S31-NC		J,AA	TB19-01	01			
1509	18	AWG WHITE	W03	S31-NC		J,AA	S30-NC		J		
1249	18	AWG WHITE	W03	S31-NO		J,AA	TB18-02	01			
1538A	18	AWG WHITE	W17	S32TB1-01	01	AA	S33TB1-02	01	AA		
1538B		SHIELD					GND	15			
1539A	18	AWG WHITE	W17	S32TB1-02	01	AA	S36TB1-01	01	AA		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 21 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1539B			SHIELD				GND	15			
1540A	18 AWG	WHITE	W17	S32TB1-03	01	AA	S33TB1-04	01	AA		
1540B			SHIELD				GND	15			
1541A	18 AWG	WHITE	W17	S32TB1-04	01	AA	S36TB1-03	01	AA		
1541B			SHIELD				GND	15			
1542A	18 AWG	WHITE	W17	S32TB1-05	01	AA	S33TB1-06	01	AA		
1542B			SHIELD				GND	15			
3866-(16	AWG	WHITE	W04	S32TB1-05	10		S43-COM	52			
3867-(16	AWG	WHITE	W04	S32TB1-06	10		S43-NO	52			
1543A	18 AWG	WHITE	W17	S32TB1-06	01	AA	S36TB1-05	01	AA		
1543B			SHIELD				GND	15			
1544A	18 AWG	WHITE	W17	S33TB1-01	01	AA	S37TB1-02	01	AA		
1544B			SHIELD				GND	15			
1538A	18 AWG	WHITE	W17	S33TB1-02	01	AA	S32TB1-01	01	AA		
1538B			SHIELD	GND	15						
1545A	18 AWG	WHITE	W17	S33TB1-03	01	AA	S37TB1-04	01	AA		
1545B			SHIELD				GND	15			
1540A	18 AWG	WHITE	W17	S33TB1-04	01	AA	S32TB1-03	01	AA		
1540B			SHIELD	GND	15						
1546A	18 AWG	WHITE	W17	S33TB1-05	01	AA	S37TB1-06	01	AA		
1546B			SHIELD				GND	15			
3846-(16	AWG	WHITE	W04	S33TB1-05	10		S44-COM	52			
3847-(16	AWG	WHITE	W04	S33TB1-06	10		S44-NO	52			
1542A	18 AWG	WHITE	W17	S33TB1-06	01	AA	S32TB1-05	01	AA		
1542B			SHIELD	GND	15						
1547A	18 AWG	WHITE	W17	S34TB1-01	01	AA	S36TB1-02	01	AA		
1547B			SHIELD	GND	15						
1468A	18 AWG	WHITE	W17	S34TB1-02	01	AA	A01TB8-12	01	AA		
1468B			SHIELD				GND	15	G		
1548A	18 AWG	WHITE	W17	S34TB1-03	01	AA	S36TB1-04	01	AA		
1548B			SHIELD	GND	15						
1470A	18 AWG	WHITE	W17	S34TB1-04	01	AA	A01TB6-19	01	AA		
1470B			SHIELD				GND	15	G		
1549A	18 AWG	WHITE	W17	S34TB1-05	01	AA	S36TB1-06	01	AA		
1549B			SHIELD	GND	01						
3850-(16	AWG	WHITE	W04	S34TB1-05	10		S45-COM	52			
3851-(16	AWG	WHITE	W04	S34TB1-06	10		S45-NO	52			
1469A	18 AWG	WHITE	W17	S34TB1-06	01	AA	A01TB8-13	01	AA		
1469B			SHIELD				GND	15	G		
1282A	18 AWG	WHITE	W17	S35TB1-01	01	AA	A24TB3-08	08	AA		
1282B			SHIELD	GND	15	G					
1550A	18 AWG	WHITE	W17	S35TB1-02	01	AA	S37TB1-01	01	AA		
1550B			SHIELD	GND	15						
1290A	18 AWG	WHITE	W17	S35TB1-03	01	AA	A24TB3-08	01			
1290B			SHIELD	GND	15	G					
1551A	18 AWG	WHITE	W17	S35TB1-04	01	AA	S37TB1-03	01	AA		
1551B			SHIELD	GND	15						
1466A	18 AWG	WHITE	W17	S35TB1-05	01	AA	A24TB3-07	01	AA		
1466B			SHIELD	GND	15	G					
3854-(16	AWG	WHITE	W04	S35TB1-05	10		S46-COM	52			
3855-(16	AWG	WHITE	W04	S35TB1-06	10		S46-NO	52			
1552A	18 AWG	WHITE	W17	S35TB1-06	01	AA	S37TB1-05	01	AA		
1552B			SHIELD	GND	15						
1539A	18 AWG	WHITE	W17	S36TB1-01	01	AA	S32TB1-02	01	AA		
1539B			SHIELD	GND	15						
1547A	18 AWG	WHITE	W17	S36TB1-02	01	AA	S34TB1-01	01	AA		
1547B			SHIELD				GND	15			
1541A	18 AWG	WHITE	W17	S36TB1-03	01	AA	S32TB1-04	01	AA		
1541B			SHIELD	GND	15						
1548A	18 AWG	WHITE	W17	S36TB1-04	01	AA	S34TB1-03	01	AA		
1548B			SHIELD				GND	15			
1543A	18 AWG	WHITE	W17	S36TB1-05	01	AA	S32TB1-06	01	AA		
1543B			SHIELD	GND	15						
3858-(16	AWG	WHITE	W04	S36TB1-05	10		S47-COM	52			
3859-(16	AWG	WHITE	W04	S36TB1-06	10		S47-NO	52			
1549A	18 AWG	WHITE	W17	S36TB1-06	01	AA	S34TB1-05	01	AA		
1549B			SHIELD				GND	15			
1550A	18 AWG	WHITE	W17	S37TB1-01	01	AA	S35TB1-02	01	AA		
1550B			SHIELD				GND	15			
1544A	18 AWG	WHITE	W17	S37TB1-02	01	AA	S33TB1-01	01	AA		
1544B			SHIELD	GND	15						
1551A	18 AWG	WHITE	W17	S37TB1-03	01	AA	S35TB1-04	01	AA		
1551B			SHIELD				GND	15			
1545A	18 AWG	WHITE	W17	S37TB1-04	01	AA	S33TB1-03	01	AA		
1545B			SHIELD	GND	15						
1552A	18 AWG	WHITE	W17	S37TB1-05	01	AA	S35TB1-06	01	AA		
1552B			SHIELD				GND	15			
3862-(16	AWG	WHITE	W04	S37TB1-05	10		S48-COM	52			
3863-(16	AWG	WHITE	W04	S37TB1-06	10		S48-NO	52			
1546A	18 AWG	WHITE	W17	S37TB1-06	01	AA	S33TB1-05	01	AA		
1546B			SHIELD	GND	15						
1407	8 AWG	WHITE	W26	S38-1	35		C066-1			RUN IN 1" BRAID	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 22 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	1 IN	BRAID	W42	S38-	13	AD	C066-	13	AD	SHIELD FOR 1407	
1342A	RG214		W43	S38-2	55	B	C020-1	04	B		
1342B		SHIELD		GND	19	G	GND	19	G		
1316A	RG214		W43	S38-3	55	B	C006-1	04	B		
1316B		SHIELD		GND	19	G	GND	19	G		
1362A	18 AWG	WHITE	W17	S38-4	04	AA	C032-1	06	AA	SEP FORM	
1362B		SHIELD		GND	06	G	GND	06	G		
1337A	18 AWG	WHITE	W17	S38-5	04	AA	C018-1	06	AA		
1337B		SHIELD		GND	14	G	GND	06	G		
1311A	18 AWG	WHITE	W17	S38-6	04	AA	C004-1	06	AA		
1311B		SHIELD		GND	14	G	GND	06	G		
1424	14 AWG	WHITE	W05	S38TB1-01	15		R08-1		J		
1522	18 AWG	WHITE	W03	S38TB1-02	01		TB17-08	05			
1386	14 AWG	WHITE	W09	S38TB1-04	10		R08-2		J		
1283	18 AWG	WHITE	W03	S38TB1-05	01		A24TB3-12	08			
1015	18 AWG	WHITE	W03	S38TB1-06	01		TB03-08	01			
1184	18 AWG	WHITE	W03	S38TB1-07	01		A01TB4-11	01			
1413	18 AWG	WHITE	W03	S39-COM	52	AA	PS1-7	07			
1461	18 AWG	WHITE	W03	S39-COM	52	AA	S40-NO		J,AA		
1462	18 AWG	WHITE	W03	S39-NO	52	AA	S40-COM		J,AA		
1007	18 AWG	WHITE	W03	S40-COM	52	AA	TB03-01	01			
1462	18 AWG	WHITE	W03	S40-COM		AA	S39-NO	52	AA		
1461	18 AWG	WHITE	W03	S40-NO		AA	S39-COM	52	AA		
1336	18 AWG	WHITE	W03	S41-COM		J,AA	TB19-03	08			
1347	18 AWG	WHITE	W03	S41-NC		J,AA	TB20-01	08			
1345	18 AWG	WHITE	W03	S41-NO		J,AA	TB20-02	01			
1357	18 AWG	WHITE	W03	S42-COM		J,AA	TB20-03	01			
1352	18 AWG	WHITE	W03	S42-NC		J,AA	TB21-01	08			
1361	18 AWG	WHITE	W03	S42-NO		J,AA	TB21-02	01			
3866-(16	AWG	WHITE	W04	S43-COM	52		S32TB1-05	10			
3867-(16	AWG	WHITE	W04	S43-NO	52		S32TB1-06	10			
3846-(16	AWG	WHITE	W04	S44-COM	52		S33TB1-05	10			
3847-(16	AWG	WHITE	W04	S44-NO	52		S33TB1-06	10			
3850-(16	AWG	WHITE	W04	S45-COM	52		S34TB1-05	10			
3851-(16	AWG	WHITE	W04	S45-NO	52		S34TB1-06	10			
3854-(16	AWG	WHITE	W04	S46-COM	52		S35TB1-05	10			
3855-(16	AWG	WHITE	W04	S46-NO	52		S35TB1-06	10			
3858-(16	AWG	WHITE	W04	S47-COM	52		S36TB1-05	10			
3859-(16	AWG	WHITE	W04	S47-NO	52		S36TB1-06	10			
3862-(16	AWG	WHITE	W04	S48-COM	52		S37TB1-05	10			
3863-(16	AWG	WHITE	W04	S48-NO	52		S37TB1-06	10			
	2/0 AWG	BLACK	W24	T1-1-SD	24	E	CR01(AC3)	24	E	JUMPER	
	2/0 AWG	BLACK	W24	T1-2-SD	24	E	CR01(AC1)	24	E	JUMPER	
	2/0 AWG	BLACK	W24	T1-3-SD	24	E	CR01(AC2)	24	E	JUMPER	
	12 AWG	WHITE	W53	T1-A-7.5	16		T1-C-COM	16		JUMPER	
1271	12 AWG	WHITE	W53	T1-A-COM-SE16			A24TB2-04	20			
	12 AWG	WHITE	W53	T1-A-COM	16		T1-B-7.5	16		JUMPER	
	12 AWG	WHITE	W53	T1-B-7.5	16		T1-A-COM	16		JUMPER	
1272	12 AWG	WHITE	W53	T1-B-COM-SE16			A24TB2-05	20			
	12 AWG	WHITE	W53	T1-B-COM	16		T1-C-7.5	16		JUMPER	
	12 AWG	WHITE	W53	T1-C-7.5	16		T1-B-COM	16		JUMPER	
1273	12 AWG	WHITE	W53	T1-C-COM-SE16			A24TB2-06	20			
	12 AWG	WHITE	W53	T1-C-COM	16		T1-A-7.5	16		JUMPER	
1277	12 AWG	WHITE	W53	T2-A-COM-SE16			A24TB2-16	20			
	12 AWG	WHITE	W53	T2-A-7.5	16		T2-C-COM	16		JUMPER	
	12 AWG	WHITE	W53	T2-A-COM	16		T2-B-7.5	16		JUMPER	
	12 AWG	WHITE	W53	T2-B-7.5	16		T2-A-COM	16		JUMPER	
1278	12 AWG	WHITE	W53	T2-B-COM-SE16			A24TB2-17	20			
	12 AWG	WHITE	W53	T2-B-COM	16		T2-C-7.5	16		JUMPER	
	12 AWG	WHITE	W53	T2-C-7.5	16		T2-B-COM	16		JUMPER	
1279	12 AWG	WHITE	W53	T2-C-COM-SE16			A24TB2-18	20			
	12 AWG	WHITE	W53	T2-C-COM	16		T2-A-7.5	16		JUMPER	
	4/0 AWG	BLACK	W25	T2-R1-SD	27	E	CR02(AC1)	27	E	JUMPER	
	4/0 AWG	BLACK	W25	T2-R2-SD	27	E	CR02(AC2)	27	E	JUMPER	
	4/0 AWG	BLACK	W25	T2-R3-SD	27	E	CR02(AC3)	27	E	JUMPER	
1268	16 AWG	WHITE	W04	T3-A-COM-SE15			A24TB2-01	15			
	16 AWG	WHITE	W04	T3-A-7.5	15		T3-C-COM	15		JUMPER	
	16 AWG	WHITE	W04	T3-A-COM	15		T3-B-7.5	15		JUMPER	
	16 AWG	WHITE	W04	T3-B-7.5	15		T3-A-COM	15		JUMPER	
1269	16 AWG	WHITE	W04	T3-B-COM-SE15			A24TB2-02	15			
	16 AWG	WHITE	W04	T3-B-COM	15		T3-C-7.5	15		JUMPER	
	16 AWG	WHITE	W04	T3-C-7.5	15		T3-B-COM	15		JUMPER	
1270	16 AWG	WHITE	W04	T3-C-COM-SE15			A24TB2-03	15			
	16 AWG	WHITE	W04	T3-C-COM	15		T3-A-7.5	15		JUMPER	
	2/0 AWG	BLACK	W24	T3-R1-SD	24	E	CR12(AC1)	24	E	JUMPER	
	2/0 AWG	BLACK	W24	T3-R2-SD	24	E	CR12(AC2)	24	E	JUMPER	
	2/0 AWG	BLACK	W24	T3-R3-SD	24	E	CR12(AC3)	24	E	JUMPER	
1000A	18 AWG	WHITE	W17	TB01-02	01	AA	A01TB6-10	01	AA		
1000B		SHIELD		GND	15	G	GND	15	G		
1001A	RG223		W44	TB01-02	08	B	AR1-KEYLNE		K,B		
1001B		SHIELD		GND	14		GND		K		
	18 AWG	WHITE	W03	TB02-01	05		A23TB1-11	01		JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 23 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1163	8 AWG	WHITE	W13	TB02-01	29	B	TB17-04	29	B		
	8 AWG	WHITE	W13	TB02-02	29	B	A23CB1-2	29	B	JUMPER	
	10 AWG	WHITE	W11	TB02-03	16		GND			JUMPER	
1007	18 AWG	WHITE	W03	TB03-01	01		S40-COM	52	AA		
1008	18 AWG	WHITE	W07	TB03-02	01		S17-NC		J,AA		
1009	18 AWG	WHITE	W03	TB03-02	08		A01TB2-08	01			
1010	18 AWG	WHITE	W03	TB03-03	01	AA	S17-NO		J,AA		
1011	18 AWG	WHITE	W03	TB03-04	01		A24TB3-17	01			
				TB03-04		N527	CR47(C)		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	TB03-04	08		TB03-06	01		JUMPER	
1012	18 AWG	WHITE	W03	TB03-05	01		A01TB2-09	01			
	18 AWG	WHITE	W03	TB03-06	01		TB03-04	08		JUMPER	
1013	18 AWG	WHITE	W03	TB03-07	01		A01TB8-11	01			
1014	18 AWG	WHITE	W03	TB03-06	08		S29-COM	07			
1015	18 AWG	WHITE	W03	TB03-08	01		S38TB1-06	01			
1016	18 AWG	WHITE	W03	TB03-09	01		A24TB3-06	01			
1017	18 AWG	WHITE	W03	TB03-12	01		A01TB2-12	01			
1018	18 AWG	WHITE	W03	TB03-13	01		A01TB2-13	01			
1019	18 AWG	WHITE	W03	TB03-14	01		A01TB2-14	01			
1020	18 AWG	WHITE	W03	TB03-15	01		A01TB2-15	01			
1021	18 AWG	WHITE	W03	TB03-16	01		A01TB2-16	01			
1022	18 AWG	WHITE	W03	TB03-17	01		A01TB2-17	01			
1023	18 AWG	WHITE	W03	TB03-18	01		A01TB2-18	01			
1024	18 AWG	WHITE	W03	TB03-19	01		A01TB3-01	01			
1025	18 AWG	WHITE	W03	TB03-20	01		A10TB3-02	01			
1026	18 AWG	WHITE	W03	TB04-01	01		A01TB3-03	01			
1027	14 AWG	WHITE	W05	TB04-02	15		PS1-5	15			
1028	18 AWG	WHITE	W03	TB04-03	01		A08TB1-13	01			
				TB04-03		N527	CR28(C)			COMPONENT LEAD	
1029	18 AWG	WHITE	W03	TB04-04	01		A01TB5-02	01			
1030	18 AWG	WHITE	W03	TB04-05	01		A01TB4-08	01			
1031	18 AWG	WHITE	W03	TB04-06	01		S30-COM		J,AA		
1032A	14 AWG	WHITE	W27	TB04-07	15	AD	A13TB1-05	52	AD		
1032B		BLACK		TB04-08	15		A13TB1-04	52			
1032C		SHIELD		GND	14	G	GND	15	G		
	18 AWG	WHITE	W03	TB04-09	08		GND			JUMPER	
1033A	14 AWG	WHITE	W27	TB04-11	15	AD	A13TB1-12	52	AD		
1033B		BLACK		TB04-10	15		A13TB1-11	52			
1033C		SHIELD		GND	14	G	GND	15	G		
1034A	14 AWG	WHITE	W27	TB04-13	15	AD	A13TB2-04	52	AD		
1034B		BLACK		TB04-12	15		A13TB2-03	52			
1034C		SHIELD		GND	14	G		15	G		
	18 AWG	WHITE	W03	TB04-14	07		GND	07		JUMPER	
1035	18 AWG	WHITE	W03	TB04-15	01		A23TB1-05	01			
1036	18 AWG	WHITE	W03	TB04-15	08		A01TB4-09	01			
1037	18 AWG	WHITE	W03	TB04-16	01		A09TB1-06	01			
1098	18 AWG	WHITE	W03	TB04-17	01		A01TB6-13	01			
1038A	18 AWG	WHITE	W17	TB05-01	01	AA	A01TB1-18	01	AA		
1038B		SHIELD		GND	15	G	GND	15	G		
1560	20 AWG	WHITE	W02	TB05-01	08		MT12-3		J,AA		
1039	18 AWG	WHITE	W03	TB05-02	01		TB06-03	08			
	18 AWG	WHITE	W03	TB05-02	08		TB05-10	08		JUMPER	
1558	20 AWG	WHITE	W02	TB05-02	01		MT12-1		J,AA		
1561	20 AWG	WHITE	W02	TB05-02	08		MT13-1		J,AA		
				TB05-02	01		C135(+)			COMPONENT LEAD	
1040	18 AWG	WHITE	W03	TB05-03	08		E28-GND		J		
	18 AWG	WHITE	W03	TB05-03	01		TB05-11	08		JUMPER	
1559	20 AWG	WHITE	W02	TB05-03	01		MT12-2		J,AA		
1562	20 AWG	WHITE	W02	TB05-03	01		MT13-2		J,AA		
1041A	18 AWG	WHITE	W17	TB05-04	01	AA	A01TB2-01	01	AA		
1041B		SHIELD		GND	15	G	GND	15	G		
1563	20 AWG	WHITE	W02	TB05-04	01		MT13-3		J,AA		
	18 AWG	WHITE	W03	TB05-10	08		TB05-17	01		JUMPER	
	18 AWG	WHITE	W03	TB05-10	08		TB05-02	08		JUMPER	
1564	20 AWG	WHITE	W02	TB05-10	08		MT14-1		J,AA		
1567	20 AWG	WHITE	W02	TB05-10	01		MT15-1		J,AA		
	18 AWG	WHITE	W03	TB05-11	08		TB05-18	01		JUMPER	
	18 AWG	WHITE	W03	TB05-11	08		TB05-03	01		JUMPER	
1565	20 AWG	WHITE	W02	TB05-11	08		MT14-2		J,AA		
1568	20 AWG	WHITE	W02	TB05-11	01		MT15-2		J,AA		
1042A	18 AWG	WHITE	W17	TB05-12	01	AA	A01TB2-02	01	AA		
1042B		SHIELD		GND	15	G	GND	15	G		
1566	20 AWG	WHITE	W02	TB05-12	01		MT14-3		J,AA		
1043A	18 AWG	WHITE	W17	TB05-13	01	AA	A01TB2-03	01	AA		
1043B		SHIELD		GND	15	G	GND	15	G		
1569	20 AWG	WHITE	W02	TB05-13	01		MT15-3		J,AA		
1570	20 AWG	WHITE	W02	TB05-17	01		MT18-1		J,AA		
1573	20 AWG	WHITE	W02	TB05-17	01		MT19-1		J,AA		
1571	20 AWG	WHITE	W02	TB05-18	01		MT18-2		J,AA		
	18 AWG	WHITE	W03	TB05-18	01		TB05-11	08		JUMPER	
1574	20 AWG	WHITE	W02	TB05-18	01		MT19-2		J,AA		
1044A	18 AWG	WHITE	W17	TB05-19	01	AA	A01TB2-04	01	AA		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 24 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1044B		SHIELD		GND	15	G	GND	15	G		
1572	20 AWG	WHITE	W02	TB05-19	01		MT18-3		J,AA		
1045A	18 AWG	WHITE	W17	TB05-20	01	AA	A01TB2-05	01	AA		
1045B		SHIELD		GND	15	G	GND	15	G		
1575	20 AWG	WHITE	W02	TB05-20	01		MT19-3		J,AA		
1046	18 AWG	WHITE	W03	TB06-01	01		TB16-01	08			
	18 AWG	WHITE	W03	TB06-01	08		E02		J	JUMPER	
1047	18 AWG	WHITE	W03	TB06-02	01		PS1-5	01			
	18 AWG	WHITE	W03	TB06-02	08		TB06-04	01		JUMPER	
	18 AWG	WHITE	W03	TB06-02	01		E03		J	JUMPER	
1039	18 AWG	WHITE	W03	TB06-03	08		TB05-02	01			
1049	18 AWG	WHITE	W03	TB06-03	01		TB14-01	01			
	18 AWG	WHITE	W03	TB06-03	08		TB06-08	01		JUMPER	
	20 AWG	WHITE	W02	TB06-03	08		MT01-1		J,AA	JUMPER	
				TB06-03			C137(+)		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	TB06-04	01		TB06-07	01		JUMPER	
	18 AWG	WHITE	W03	TB06-04	01		TB06-02	08		JUMPER	
	20 AWG	WHITE	W02	TB06-04	08		MT01-2		J,AA	JUMPER	
1050A	18 AWG	WHITE	W17	TB06-05	01		A01TB1-01	01			
1050B		SHIELD		GND	15	G	GND	15			
	20 AWG	WHITE	W02	TB06-05	08		MT01-3		J,AA	JUMPER	
1051	18 AWG	WHITE	W03	TB06-06	01		TB16-07	01			
	18 AWG	WHITE	W03	TB06-06	08		E04		J	JUMPER	
	18 AWG	WHITE	W03	TB06-07	01		TB06-09	01		JUMPER	
	18 AWG	WHITE	W03	TB06-07	08		E05		J	JUMPER	
	18 AWG	WHITE	W03	TB06-07	01		TB06-04	01		JUMPER	
	18 AWG	WHITE	W03	TB06-08	01		TB06-13	01		JUMPER	
	20 AWG	WHITE	W02	TB06-08	08		MT02-1		J,AA	JUMPER	
	18 AWG	WHITE	W03	TB06-08	01		TB06-03	08		JUMPER	
	18 AWG	WHITE	W03	TB06-09	01		TB06-12	08	J	JUMPER	
	20 AWG	WHITE	W02	TB06-09	08		MT02-2		J,AA	JUMPER	
1052A	18 AWG	WHITE	W22	TB06-10	01		A01TB1-02	01			
1052B		SHIELD		GND	15	G	GND	15			
	20 AWG	WHITE	W02	TB06-10	08		MT02-3		J,AA	JUMPER	
1053	18 AWG	WHITE	W03	TB06-11	01		TB16-08	01			
	18 AWG	WHITE	W03	TB06-11	08		E06		J	JUMPER	
	18 AWG	WHITE	W03	TB06-12	08		TB06-09	01		JUMPER	
	18 AWG	WHITE	W03	TB06-12	01		TB06-14	01		JUMPER	
	18 AWG	WHITE	W03	TB06-12	08		E07		J,AA	JUMPER	
	18 AWG	WHITE	W03	TB06-13	01		TB07-02	08		JUMPER	
	20 AWG	WHITE	W02	TB06-13	08		MT03-1		J	JUMPER	
	18 AWG	WHITE	W03	TB06-13	01		TB06-08	01		JUMPER	
	18 AWG	WHITE	W03	TB06-14	01		TB06-18	01		JUMPER	
	20 AWG	WHITE	W02	TB06-14	08		MT03-2		J	JUMPER	
	18 AWG	WHITE	W03	TB06-14	01		TB06-12	01		JUMPER	
1054A	18 AWG	WHITE	W17	TB06-15	01	AA	A01TB1-03	01	AA		
1054B		SHIELD		GND	15		GND	15	G		
	20 AWG	WHITE	W02	TB06-15	08		MT03-3		J,AA	JUMPER	
1055	18 AWG	WHITE	W03	TB06-17	01		TB16-09	01			
	18 AWG	WHITE	W03	TB06-17	08		E08		J	JUMPER	
	18 AWG	WHITE	W03	TB06-18	01		TB06-14	01		JUMPER	
	18 AWG	WHITE	W03	TB06-18	01		TB07-03	08		JUMPER	
	18 AWG	WHITE	W03	TB06-18	08		E09		J	JUMPER	
	18 AWG	WHITE	W03	TB07-02	08		TB07-07	08		JUMPER	
	20 AWG	WHITE	W02	TB07-02	08		MT04-1		J,AA	JUMPER	
	18 AWG	WHITE	W03	TB07-02	08		TB06-13	01		JUMPER	
	18 AWG	WHITE	W03	TB07-03	01		TB07-06	01		JUMPER	
	20 AWG	WHITE	W02	TB07-03	08		MT04-2		J	JUMPER	
	18 AWG	WHITE	W03	TB07-03	08		TB06-18	01		JUMPER	
1067A	18 AWG	WHITE	W17	TB07-04	01	AA	A01TB1-04	01			
1067B		SHIELD		GND	15	G	GND	15	G		
	20 AWG	WHITE	W02	TB07-04	08		MT04-3		J,AA	JUMPER	
1068	18 AWG	WHITE	W03	TB07-05	01		TB16-06	01			
	18 AWG	WHITE	W03	TB07-05	08		E10		J	JUMPER	
	18 AWG	WHITE	W03	TB07-06	01		TB07-03	01		JUMPER	
	18 AWG	WHITE	W03	TB07-06	08		TB07-08	08		JUMPER	
	18 AWG	WHITE	W03	TB07-06	08		E11		J	JUMPER	
	18 AWG	WHITE	W03	TB07-07	08		TB07-13	01		JUMPER	
	20 AWG	WHITE	W02	TB07-07	01		MT05-1		J,AA	JUMPER	
	18 AWG	WHITE	W03	TB07-07	08		TB07-02	08		JUMPER	
	18 AWG	WHITE	W03	TB07-08	08		TB07-11	01		JUMPER	
	20 AWG	WHITE	W02	TB07-08	01		MT05-2		J,AA	JUMPER	
	18 AWG	WHITE	W03	TB07-08	08		TB07-06	08		JUMPER	
1069A	18 AWG	WHITE	W17	TB07-09	01		A01TB1-05	01			
1069B		SHIELD		GND	15	G	GND	15	G		
	20 AWG	WHITE	W02	TB07-09	01		MT05-3		J,AA	JUMPER	
1070	18 AWG	WHITE	W03	TB07-10	08		TB16-11	01			
	18 AWG	WHITE	W03	TB07-10	08		E12		J	JUMPER	
	18 AWG	WHITE	W03	TB07-11	08		TB07-14	01		JUMPER	
	18 AWG	WHITE	W03	TB07-11	08		E13		J	JUMPER	
	18 AWG	WHITE	W03	TB07-11	01		TB07-08	08		JUMPER	
	20 AWG	WHITE	W02	TB07-13	01		MT06-1		J,AA	JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 25 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	18	AWG WHITE	W03	TB07-13	01		TB07-19	08		JUMPER	
	18	AWG WHITE	W03	TB07-13	01		TB07-07	08		JUMPER	
	18	AWG WHITE	W03	TB07-14	01		TB07-18	08		JUMPER	
	18	AWG WHITE	W03	TB07-14	01		TB07-11	08		JUMPER	
	20	AWG WHITE	W02	TB07-14	08		MT06-2		J,AA	JUMPER	
1071A	18	AWG WHITE	W17	TB07-15	01	AA	A01TB1-06	01	AA		
1071B		SHIELD		GND	15	G	GND	15	G		
	20	AWG WHITE	W02	TB07-15	08		MT06-3		J,AA	JUMPER	
1072	18	AWG WHITE	W03	TB07-17	08		TB16-13	01			
	18	AWG WHITE	W03	TB07-17	08		E14		J	JUMPER	
	18	AWG WHITE	W03	TB07-18	08		TB07-20	08		JUMPER	
	18	AWG WHITE	W03	TB07-18	08		E15		J	JUMPER	
	18	AWG WHITE	W03	TB07-18	08		TB07-14	01		JUMPER	
	18	AWG WHITE	W03	TB07-19	08		TB07-13	01		JUMPER	
	18	AWG WHITE	W03	TB07-19	08		TB08-07	08		JUMPER	
	20	AWG WHITE	W02	TB07-19	08		MT08-1		J,AA	JUMPER	
	20	AWG WHITE	W02	TB07-19	08		MT07-1		J,AA	JUMPER	
	18	AWG WHITE	W03	TB07-20	08		TB08-03	01		JUMPER	
	20	AWG WHITE	W02	TB07-20	01		MT07-2		J	JUMPER	
	20	AWG WHITE	W02	TB07-20	01		MT08-2		J,AA	JUMPER	
	18	AWG WHITE	W03	TB07-20	08		TB07-18	08		JUMPER	
	20	AWG WHITE	W02	TB08-01	08		MT07-3		J,AA	JUMPER	
1081A	18	AWG WHITE	W17	TB08-01	01	AA	A01TB1-07	01	AA		
1081B		SHIELD		GND	15	G	GND	15	G		
	18	AWG WHITE	W03	TB08-02	08		E16		J	JUMPER	
1082	18	AWG WHITE	W03	TB08-02	08		TB16-15	08			
	18	AWG WHITE	W03	TB08-03	08		E17		J	JUMPER	
	18	AWG WHITE	W03	TB08-03	01		TB07-20	08		JUMPER	
	18	AWG WHITE	W03	TB08-03	01		TB08-06	08		JUMPER	
	20	AWG WHITE	W02	TB08-04	08		MT08-3		J,AA	JUMPER	
1083A	18	AWG WHITE	W17	TB08-04	01	AA	A01TB1-08	01	AA		
1083B		SHIELD		GND	15	G	GND	15	G		
1323	18	AWG WHITE	W03	TB08-05	08		TB16-18	01			
	18	AWG WHITE	W03	TB08-05	08		E18		J	JUMPER	
	18	AWG WHITE	W03	TB08-06	08		TB08-11	08		JUMPER	
	18	AWG WHITE	W03	TB08-06	08		E19		J	JUMPER	
	20	AWG WHITE	W02	TB08-06	08		MT09-2		J,AA	JUMPER	
	18	AWG WHITE	W03	TB08-06	08		TB08-03	01		JUMPER	
	18	AWG WHITE	W03	TB08-07	08		TB07-19	08		JUMPER	
	20	AWG WHITE	W02	TB08-07	08		MT09-1		J,AA	JUMPER	
	18	AWG WHITE	W03	TB08-07	08		TB08-12	01		JUMPER	
1324A	18	AWG WHITE	W17	TB08-08	08	AA	A01TB8-15	01	AA		
1324B		SHIELD		GND	14	G	GND	15	G		
	20	AWG WHITE	W02	TB08-08	01		MT09-3		J,AA	JUMPER	
1325A	18	AWG WHITE	W17	TB08-09	08	AA	A01TB8-16	01	AA		
1325B		SHIELD		GND	14	G	GND	15	G		
	20	AWG WHITE	W02	TB08-09	01		MT21-3		J,AA	JUMPER	
1084	18	AWG WHITE	W03	TB08-10	08		TB16-03	01			
	18	AWG WHITE	W03	TB08-10	01		E20		J	JUMPER	
	18	AWG WHITE	W03	TB08-11	08		TB08-14	01		JUMPER	
	18	AWG WHITE	W03	TB08-11	08		TB08-06	08		JUMPER	
	18	AWG WHITE	W03	TB08-11	08		E21		J	JUMPER	
	20	AWG WHITE	W02	TB08-11	08		MT10-2		J,AA	JUMPER	
	20	AWG WHITE	W02	TB08-12	08		MT21-1		J,AA	JUMPER	
	18	AWG WHITE	W03	TB08-12	01		TB08-13	01		JUMPER	
	18	AWG WHITE	W03	TB08-13	08		TB09-01	08		JUMPER	
	18	AWG WHITE	W03	TB08-13	01		TB08-12	01		JUMPER	
	20	AWG WHITE	W02	TB08-13	01		MT10-1		J,AA	JUMPER	
	20	AWG WHITE	W02	TB08-14	08		MT21-2		J,AA	JUMPER	
	18	AWG WHITE	W03	TB08-14	01		TB08-18	08		JUMPER	
	18	AWG WHITE	W03	TB08-14	01		TB08-11	08		JUMPER	
1085A	18	AWG WHITE	W17	TB08-15	08	AA	A01TB1-09	01	AA		
1085B		SHIELD		GND	15	G	GND	15	G		
	20	AWG WHITE	W02	TB08-15	01		MT10-3		J,AA	JUMPER	
1086	18	AWG WHITE	W03	TB08-17	08		TB16-04	01		JUMPER	
	18	AWG WHITE	W03	TB08-17	08		E22		J	JUMPER	
	18	AWG WHITE	W03	TB08-18	08		TB09-02	08		JUMPER	
	18	AWG WHITE	W03	TB08-18	08		TB08-14	01		JUMPER	
	18	AWG WHITE	W03	TB08-18	08		E23		J	JUMPER	
	18	AWG WHITE	W03	TB09-01	08		TB08-13	08		JUMPER	
	18	AWG WHITE	W03	TB09-01	08		TB09-06	08		JUMPER	
	20	AWG WHITE	W02	TB09-01	08		MT11-1		J,AA	JUMPER	
				TB09-01		J	C138(+)		J	COMPONENT LEAD	
	18	AWG WHITE	W03	TB09-02	08		TB09-05	08		JUMPER	
	18	AWG WHITE	W03	TB09-02	08		TB08-18	08		JUMPER	
	20	AWG WHITE	W02	TB09-02	01		MT11-2		J,AA	JUMPER	
1096A	18	AWG WHITE	W17	TB09-03	08	AA	A01TB1-10	01	AA		
1096B		SHIELD		GND	15	G	GND	15	G		
	20	AWG WHITE	W02	TB09-03	01		MT11-3		J,AA	JUMPER	
1150	18	AWG WHITE	W03	TB09-04	08		A01TB4-12	01			
	18	AWG WHITE	W03	TB09-04	08		E24		J	JUMPER	
	18	AWG WHITE	W03	TB09-05	08		TB09-07	01		JUMPER	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 26 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
	18	AWG WHITE	W03	TB09-05	08		TB09-02	08		JUMPER	
	18	AWG WHITE	W03	TB09-05	08		E25		J	JUMPER	
	20	AWG WHITE	W02	TB09-06	01		MT20-1		J	JUMPER	
	18	AWG WHITE	W03	TB09-06	08		TB09-01	08		JUMPER	
	20	AWG WHITE	W02	TB09-07	01		MT20-2		J	JUMPER	
	18	AWG WHITE	W03	TB09-07	01		TB09-05	08		JUMPER	
	18	AWG WHITE	W03	TB09-07	07		E54		J	JUMPER	
	18	AWG WHITE	W03	TB09-07	07		E57		J	JUMPER	
1097A	18	AWG WHITE	W17	TB09-08	08	AA	A01TB1-11	01	AA		
1097B		SHIELD		GND	15		GND	15	G		
	20	AWG WHITE	W02	TB09-08	01		MT20-3		J	JUMPER	
1580	18	AWG WHITE	W03	TB09-09	07		A01TB4-15	07			
	18	AWG WHITE	W03	TB09-09	07		E55		J	JUMPER	
1583	16	AWG WHITE	W04	TB09-10	01		A01TB4-16	01			
	18	AWG WHITE	W03	TB09-10	07		E56		J	JUMPER	
	18	AWG WHITE	W03	TB09-10	07		E58		J	JUMPER	
1101	18	AWG WHITE	W03	TB10-01	01		A08TB1-10	01			
1117	18	AWG WHITE	W03	TB10-01	08		A24TB4-20	01			
	20	AWG WHITE	W02	TB10-01	08		MT16-1		J,AA	JUMPER	
1118	18	AWG WHITE	W03	TB10-02	01		PS1-3	07			
1104	18	AWG WHITE	W03	TB10-02	08		TB14-02	01			
	20	AWG WHITE	W02	TB10-02	08		MT16-2		J,AA	JUMPER	
1102A	18	AWG WHITE	W17	TB10-03	01	AA	A0TB2-07	01	AA		
1102B		SHIELD		GND	15	G	GND	15	G		
	20	AWG WHITE	W02	TB10-03	08		MT16-3		J,AA	JUMPER	
1105	18	AWG WHITE	W03	TB11-01	01		TB12-02	01			
	18	AWG WHITE	W03	TB11-01	01		S28-COM		J	JUMPER	
	18	AWG WHITE	W03	TB11-02	01		S28-NC		J	JUMPER	
1107	18	AWG WHITE	W03	TB11-02	01		A01TB4-05	01			
	18	AWG WHITE	W03	TB12-01	01		S27-COM		J	JUMPER	
1112	18	AWG WHITE	W03	TB12-01	01		TB13-02	01			
1109	18	AWG WHITE	W03	TB12-02	01		A01TB4-04	01			
	18	AWG WHITE	W03	TB12-02	01		S27-NC		J	JUMPER	
1105	18	AWG WHITE	W03	TB12-02	01		TB11-01	01			
	18	AWG WHITE	W03	TB13-01	01		S26-COM		J	JUMPER	
1114	18	AWG WHITE	W03	TB13-01	01		S09-COM		J		
1113	18	AWG WHITE	W03	TB13-02	01		A01TB4-03	01			
1112	18	AWG WHITE	W03	TB13-02	01		TB12-01	01			
	18	AWG WHITE	W03	TB13-02	01		S26-NC		J	JUMPER	
1049	18	AWG WHITE	W03	TB14-01	01		TB06-03	01			
1103	18	AWG WHITE	W03	TB14-01	08		A08TB1-10	01			
	20	AWG WHITE	W02	TB14-01	01		MT17-1		J,AA	JUMPER	
				TB14-01	08		C136(+)			COMPONENT LEAD	
	20	AWG WHITE	W02	TB14-02	01		MT17-2		J,AA	JUMPER	
1104	18	AWG WHITE	W03	TB14-02	01		TB10-02	08			
1119A	18	AWG WHITE	W17	TB14-03	01	AA	A01TB2-06	01	AA		
1119B		SHIELD		GND	15	G	GND	15	G		
	20	AWG WHITE	W02	TB14-03	01		MT17-3		J,AA	JUMPER	
1120	18	AWG WHITE	W03	TB15-04	01		A23TB1-06	01			
1121A	18	AWG WHITE	W17	TB15-05	01		A24TB3-13	01			
1121B		SHIELD		GND	15	G					
1122A	18	AWG WHITE	W17	TB15-07	01	AA	A25S1-1		AA		
1122B		SHIELD		GND	14	G					
1123A	18	AWG WHITE	W17	TB15-08	01	AA	A25S1-3		AA		
1123B		SHIELD		GND	14	G					
1124A	18	AWG WHITE	W17	TB15-10	01	AA	A25S1-5		J,AA		
1124B		SHIELD		GND	14	G					
1125	18	AWG WHITE	W03	TB16-01	01		E41		J		
1046	18	AWG WHITE	W03	TB16-01	08		TB06-01	01			
1141	18	AWG WHITE	W03	TB16-01	01		CR10(C)		J	SEP FORM	
	18	AWG WHITE	W03	TB16-01	08		TB16-02	01		JUMPER	
	18	AWG WHITE	W03	TB16-02	01		TB16-01	08		JUMPER	
1126	18	AWG WHITE	W03	TB16-02	01		K6TB1-01	42			
1127	18	AWG WHITE	W03	TB16-02	08		E35		J		
1392A	18	AWG WHITE	W17	TB16-02	08		K2-X1		J	TOP SIDE	
1392B		SHIELD		GND	15	G	GND		J		
1084	18	AWG WHITE	W03	TB16-03	01		TB08-10	08			
1143	18	AWG WHITE	W03	TB16-03	01		CR29(C)		J	SEP FORM	
1086	18	AWG WHITE	W03	TB16-04	01		TB08-17	08			
1144	18	AWG WHITE	W03	TB16-04	01		CR37(C)		J	SEP FORM	
1128	18	AWG WHITE	W03	TB16-05	01		K6TB1-03	42			
	18	AWG WHITE	W03	TB16-05	01		TB16-06	01		JUMPER	
1145	18	AWG WHITE	W03	TB16-05	08		CR39(C)		J	SEP FORM	
	18	AWG WHITE	W03	TB16-06	01		TB16-05	01		JUMPER	
1068	18	AWG WHITE	W03	TB16-06	01		TB07-05	01			
1146	18	AWG WHITE	W03	TB16-06	01		E43		J		
1147	18	AWG WHITE	W03	TB16-06	08		E37		J	TOP SIDE	
1129	18	AWG WHITE	W03	TB16-07	01		A01TB1-12	01			
1051	18	AWG WHITE	W03	TB16-07	01		TB06-06	01			
1148	18	AWG WHITE	W03	TB16-07	01		CR10(A)		J	SEP FORM	
1149	22	AWG WHITE	W01	TB16-07	08		K3-1		J	TOP SIDE	
1053	18	AWG WHITE	W03	TB16-08	01		TB06-11	01			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 27 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:U
1130	18 AWG	WHITE	W03	TB16-08	08		A01TB1-13	01			
1530	18 AWG	WHITE	W03	TB16-08	01		CR11(A)		J	SEP FORM	
1151	22 AWG	WHITE	W01	TB16-08	08		K3-2		J	TOP SIDE	
1055	18 AWG	WHITE	W03	TB16-09	01		TB06-17	01			
1131	18 AWG	WHITE	W03	TB16-09	08		A01TB1-14	01			
1152	18 AWG	WHITE	W03	TB16-09	01		CR25(A)		J	SEP FORM	
1153	22 AWG	WHITE	W01	TB16-09	08		K3-3		J	TOP SIDE	
1132	18 AWG	WHITE	W03	TB16-10	01		A01TB1-15	01			
1154	18 AWG	WHITE	W03	TB16-10	08		CR29(A)		J	SEP FORM	
	18 AWG	WHITE	W03	TB16-10	08		TB16-11	01		JUMPER	
	18 AWG	WHITE	W03	TB16-11	01		TB16-10	08		JUMPER	
1070	18 AWG	WHITE	W03	TB16-11	01		TB07-10	08			
1155	22 AWG	WHITE	W01	TB16-11	01		K3-4		J		
1134	18 AWG	WHITE	W03	TB16-12	01		A01TB1-16	01			
1156	18 AWG	WHITE	W03	TB16-12	08		CR34(A)		J	SEP FORM	
	18 AWG	WHITE	W03	TB16-12	08		TB16-13	01		JUMPER	
1072	18 AWG	WHITE	W03	TB16-13	01		TB07-17	08			
1135	18 AWG	WHITE	W03	TB16-13	08		E51		J		
1157	22 AWG	WHITE	W01	TB16-13	08		K3-5		J	TOP SIDE	
	18 AWG	WHITE	W03	TB16-13	01		TB16-12	08		JUMPER	
1136	18 AWG	WHITE	W03	TB16-14	01		E45		J		
1137	18 AWG	WHITE	W03	TB16-14	08		E39		J		
1158	18 AWG	WHITE	W03	TB16-14	01		CR35(A)		J	SEP FORM	
	18 AWG	WHITE	W03	TB16-14	08		TB16-15	01		JUMPER	
1082	18 AWG	WHITE	W03	TB16-15	08		TB08-02	08			
1138	22 AWG	WHITE	W01	TB16-15	08		K3-6		J		
	18 AWG	WHITE	W03	TB16-15	01		TB16-14	08		JUMPER	
	18 AWG	WHITE	W03	TB16-15	08		TB16-16	01		JUMPER	
1139	18 AWG	WHITE	W03	TB16-16	01		K6TB1-02	01		TOP SIDE	
1140	18 AWG	WHITE	W03	TB16-16	08		E53		J		
1159	18 AWG	WHITE	W03	TB16-16	01		A01TB1-17	01			
	18 AWG	WHITE	W03	TB16-16	01		TB16-15	08		JUMPER	
1327	18 AWG	WHITE	W03	TB16-17	01		E47		J		
1330	18 AWG	WHITE	W03	TB16-17	01		CR31(C)		J	SEP FORM	
1329	18 AWG	WHITE	W03	TB16-18	01		E49		J		
1323	18 AWG	WHITE	W03	TB16-18	01		TB08-05	08			
1343	18 AWG	WHITE	W03	TB16-18	01		CR42(C)		J	SEP FORM	
	1/2 IN	BRAID	W50	TB17-	14	AF	A23-	14	AF	SHIELD FOR 1160,1161,1162,1163	
1160	8 AWG	WHITE	W13	TB17-01	29	B	A23CB4-1	29	B	IN BRAID WITH 1161,1162,1163	
1161	8 AWG	WHITE	W13	TB17-02	29	B	A23CB4-3	29	B	IN BRAID WITH 1160,1162,1163	
1162	8 AWG	WHITE	W13	TB17-03	29	B	A23CB4-5	29	B	IN BRAID WITH 1160,1161,1163	
1163	8 AWG	WHITE	W13	TB17-04	29	B	TB02-01	29	B	IN BRAID WITH 1160,1161,1162	
	3/8 IN	BRAID	W51	TB17-	14	AG	J20-	14	AG	SHIELD FOR 1164,1165	
1164	12 AWG	WHITE	W53	TB17-05	51		J20(120V)	54		IN BRAID WITH 1165	
1165	12 AWG	WHITE	W53	TB17-06	51		J20(COM)	54		IN BRAID WITH 1164	
1166	18 AWG	WHITE	W03	TB17-07	05		PS1-1	07			
1385	18 AWG	WHITE	W03	TB17-07	05		K7-A2	06			
				TB17-07		N528	RV1-1			COMPONENT LEAD	
1522	18 AWG	WHITE	W03	TB17-08	05		S38TB1-02	01			
1167	18 AWG	WHITE	W03	TB17-08	05		PS1-2	07			
	3/8 IN	BRAID	W51	TB17-	14	AG	A23-	14	AG	SHIELD FOR 1553	
1553	8 AWG	WHITE	W13	TB17-09	29	B	A23CB1-1	29	B	RUN 3/8" BRAID	
1168	18 AWG	WHITE	W03	TB18-01	01		A01TB2-10	01			
1245	18 AWG	WHITE	W03	TB18-01	08		S02-NC		J,AA		
1527	18 AWG	WHITE	W03	TB18-01	01		TB19-01	01			
1249	18 AWG	WHITE	W03	TB18-02	01		S31-NO		J,AA		
1338	18 AWG	WHITE	W03	TB18-02	01		S01-COM		J,AA		
1302	18 AWG	WHITE	W03	TB18-03	01		S02-NO		J,AA		
1366	18 AWG	WHITE	W03	TB18-03	01		TB19-02	01			
1303	18 AWG	WHITE	W03	TB19-01	01		S31-NC		J,AA		
1304	18 AWG	WHITE	W03	TB19-01	01		S04-NC		J,AA		
1527	18 AWG	WHITE	W03	TB19-01	01		TB18-01	01			
1309	18 AWG	WHITE	W03	TB19-02	01		S03-COM		J,AA		
1366	18 AWG	WHITE	W03	TB19-02	01		TB18-03	01			
1328	18 AWG	WHITE	W03	TB19-03	01		S04-NO		J,AA		
1336	18 AWG	WHITE	W03	TB19-03	08		S41-COM		J,AA		
1347	18 AWG	WHITE	W03	TB20-01	08		S41-NC	01	J,AA		
1348	18 AWG	WHITE	W03	TB20-01	01		S05-NC		J,AA		
1344	18 AWG	WHITE	W03	TB20-01	01		TB21-01	01			
1345	18 AWG	WHITE	W03	TB20-02	01		S41-NO		J,AA		
1356	18 AWG	WHITE	W03	TB20-02	01		S05-COM		J,AA		
1346	18 AWG	WHITE	W03	TB20-03	01		S06-NO		J,AA		
1357	18 AWG	WHITE	W03	TB20-03	01		S42-COM		J,AA		
1344	18 AWG	WHITE	W03	TB21-01	01		TB20-01	01			
1352	18 AWG	WHITE	W03	TB21-01	08		S42-NC		J,AA		
1353	18 AWG	WHITE	W03	TB21-01	08		S08-NC		J,AA		
1169	18 AWG	WHITE	W03	TB21-01	08		A01TB2-11	01			
1361	18 AWG	WHITE	W03	TB21-02	01		S42-NO		J,AA		
1355	18 AWG	WHITE	W03	TB21-02	01		S07-COM		J,AA		
1363	18 AWG	WHITE	W03	TB21-03	01		S08-NO		J,AA		
1354	18 AWG	WHITE	W03	TB21-03	08		K7-X1	06			
W01	RG223		W44	W01J1			K5-NC-P1				

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 28 of 29)

WIRE		1			2		3		2		3		REV:U
NO	SIZE	COLOR	TYPE	FROM	TERM	NOTE	TO	TERM	NOTE	REMARKS			
W05	RG223		W44	W19-J1-P2			DC2-A-P1						
W19	RG223		W44	W05P2			K6-J4-P1						
W20	RG223		W44	W21-P2			K3-J1-P1						
W21	RG223		W44	W20-J1-P2			DC3-2-P1			IN 3/4" BRAID WITH W23,W43,W45			
W23	RG223		W44	W22-J1-P2			DC3-1-P1			IN 3/4" BRAID WITH W21,W43,W45			
W22	RG223		W44	W23-J1-P2			A01CP4-P1						
W25	RG223		W44	W24-J1-P2			DC4-2-P1			IN 3/4 IN BRAID WITH W27,W47			
W24	RG223		W44	W25-P2			K3-J2-P1						
W27	RG223		W44	W26-J1-P2			DC4-1-P1			IN 3/4 IN BRAID WITH W25,W47			
W26	RG223		W44	W27-P2			A01CP5-P1						
W29	RG223		W44	W28-J1-P2			DC5-1-P1			IN 3/4 IN BRAID WITH W31,W51			
W28	RG223		W44	W29-P2			K3-J3-P1						
W31	RG223		W44	W30-J1-P2			DC5-2-P1			IN 3/4 IN BRAID WITH W29,W51			
W30	RG223		W44	W31-P2			A01CP6-P1						
W33	RG223		W44	W32-J1-P2			DC6-1-P1			IN 3/4 IN BRAID WITH W35,W55			
W32	RG223		W44	W33-P2			K3-J4-P1						
W35	RG223		W44	W34-J1-P2			DC6-2-P1			IN 3/4 IN BRAID WITH W33,W55			
W34	RG223		W44	W35-P2			A01CP7-P1						
W37	RG223		W44	W36-J1-P2			DC7-1-P1			IN 3/4 IN BRAID WITH W39,W61			
W36	RG223		W44	W37-P2			K3-J5-P1						
W39	RG223		W44	W38-J1-P2			DC7-2-P1			IN 3/4 IN BRAID WITH W37,W61			
W38	RG223		W44	W39-P2			A01CP8-P1						
W40	RG223		W44	W41-P2			K3-J6-P1						
W41	RG223		W44	W40-J1-P2			DC8-2-P1			IN 3/4 IN BRAID WITH W65,W70			
W43	RG223		W44	W42-J1-P2			CP3-P1			IN 3/4" BRAID WITH W21,W23,W45			
W42	RG223		W44	W43-P2			K4-J1-P1						
W45	RG223		W44	W44-J1-P2			DC3-4-P1			IN 3/4" BRAID WITH W21,W23,W43			
W44	RG223		W44	W45-P2			A01AT15-P1						
W47	RG223		W44	W46-J1-P2			CP4-P1			IN 3/4 IN BRAID WITH W25,W27			
W46	RG223		W44	W47P2			K4-J2-P1						
W49	RG223		W44	W48-J1-P2			DC4-4-P1						
W48	RG223		W44	W49-P2			A01AT16-P1						
W51	RG223		W44	W50-J1-P2			CP5-P1			IN 3/4 IN BRAID WITH W29,W31			
W50	RG223		W44	W51-P2			K4-J3-P1						
W53	RG223		W44	W52-J1-P2			DC5-3-P1						
W52	RG223		W44	W53-P2			A01AT17-P1						
W55	RG223		W44	W54-J1-P2			CP6-P1			IN 3/4 IN BRAID WITH W33,W35			
W54	RG223		W44	W55-P2			K4-J4-P1						
W57	RG223		W44	W56-J1-P2			DC6-3-P1						
W56	RG223		W44	W57-P2			A01AT18-P1						
W59	RG223		W44	W58-J1-P2			DC7-4-P1						
W58	RG223		W44	W59-P2			K4-J5-P1						
W61	RG223		W44	W60-J1-P2			DC7-3-P1			IN 3/4 IN BRAID WITH W37,W39			
W60	RG223		W44	W61-P2			A01AT19-P1						
W63	RG223		W44	W62-J1-P2			DC8-3-P1						
W62	RG223		W44	W63-P2			K4-J6-P1						
W65	RG223		W44	W64-J1-P2			DC8-4-P1			IN BRAID WITH W41,W70			
W64	RG223		W44	W65-P2			A01AT20-P1						
W66	RG223		W44	W66-J1-P2			K4-J7-P1						
W67	RG223		W44	W67-J1-P2			K3-J7-P1						
W71	RG223		W44	W70-P2			A01CP9-P1						
W70	RG223		W44	W71-J1-P2			DC8-1-P1			IN 3/4 IN BRAID WITH W41,W65			
				XV1-SCREEN		J	R03-2			COMPONENT LEAD			
				XV2-SCREEN		J	R05-2			COMPONENT LEAD			
18 AWG BUS		W36		XV3-SCREEN	53		R06-2	31		JUMPER			
				XV1-GRID		J	R01-1			COMPONENT LEAD			
18 AWG BUS		W36		XV2-GRID	42		L06-1	42		JUMPER			
				XV2-GRID		J	A03C1-1			COMPONENT LEAD			
18 AWG BUS		W36		XV3-GRID	42		L12-1	42		JUMPER			
				XV3-GRID		J	A04C1-1			COMPONENT LEAD			
18 AWG WHITE	W03			A01TB6-19	01		A01TB-14	01		JUMPER			
18 AWG WHITE	W03			A01TB8-14	07		A01TB6-19	07		JUMPER			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-1. Transmitter Module, Cabinet 1 REV: U, WL.113366 (Sheet 29 of 29)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
W13	RG 316		W45	A15-J1			J1			150819-1	
W5	RG 316		W45	A16-J1			J2			150819-3	
W10	RG 316		W45	A17-J1			J3			150838-2	
JMPR	22 AWG	BUS	W38	AR1-C		J	C196-01		J	+15V	
JMPR	22 AWG	BUS	W38	AR1-E		J	C196-LUG		N4	GND	
W3	RG 316		W45	AR1-J1			AR4-J2			150820-2	
W4	RG 316		W45	AR1-J2			HY2-INPUT			150837-3	
JMPR	22 AWG	BUS	W38	AR2-C		J	C197-01		J	+15V	
JMPR	22 AWG	BUS	W38	AR2-E		J	C197-LUG		N4	GND	
W8	RG 316		W45	AR2-J1			AR5-J2			150945-01	
W9	RG 316		W45	AR2-J2			HY3-INPUT			150819-01	
JMPR	22 AWG	BUS	W38	AR3-C		J	C200-01		J		
JMPR	22 AWG	BUS	W38	AR3-E		J	C200-LUG		N4		
W11	RG 316		W45	AR3-J1			AR1-02			150839-3	
W12	RG 316		W45	AR3-J2			HY1-INPUT			150837-01	
JMPR	22 AWG	BUS	W38	AR4-E1		J	C195-LUG		N4		
W1	RG 316		W45	AR4-J1			AT4-J2			150837-02	
W3	RG316		W45	AR4-J2			AR1-J1			150820-02	
JMPR	22 AWG	BUS	W38	AR5-E1		J	C193-LUG		N4		
W7	RG 316		W45	AR5-J1			AT5-J2			150820-3	
W8	RG 316		W45	AR5-J2			AR2-J1			150945-01	
W11	RG 316		W45	AT1-02			AR3-J1			150839-3	
JMPR	22 AWG	BUS	W38	AT1(+15V)		J	C198-01		J		
JMPR	22 AWG	BUS	W38	AT1-G		J	C199-LUG		N4		
JMPR/	22 AWG	BUS	W38	AT1-CONT		J	C199-01		J		
W15	RG 316		W45	AT2-J1			HY1-02			149737-2	
W14	RG 316		W45	AT2-J2			AT3-01			149737-1	
W14	RG 316		W45	AT3-01			AT2-J2			149737-1	
JMPR	22 AWG	BUS	W38	AT3(+15V)		J	C201-01		J		
JMPR	22 AWG	BUS	W38	AT3-G		J	C201-LUG		N4		
1868	22 AWG	WHITE	W01	AT3-CONT		J	P28-10		N85	ATTEN CONT	
W1	RG 316		W45	AT4-J1			AR4-J1			150837-02	
W6	RG 316		W45	AT5-J1			K2-J7			150838-01	
W7	RG 316		W45	AT5-J2			AR5-J1			150820-3	
W21	RG 316		W45	AT9-J2			K1-J1			149736-3	
W18	RG 316		W45	AT10-J2			K1-J2			149735-3	
W19	RG 316		W45	AT11-J2			K1-J3			149736-01	
W16	RG 316		W45	AT12-J2			K1-J4			149735-01	
W20	RG 316		W45	AT13-J2			K1-J5			149736-02	
W17	RG 316		W45	AT14-J2			K1-J6			149735-02	
JMPR	22 AWG	WHITE	W01	C1-01		J	TB1-01	08			
1600	22 AWG	WHITE	W01	C1-02		J	P23-10		N85		
JMPR	22 AWG	WHITE	W01	C2-01		J	TB1-02	08			
1601	22 AWG	WHITE	W01	C2-02		J	P23-09		N85		
JMPR	22 AWG	WHITE	W01	C3-01		J	TB1-03	08			
1602	22 AWG	WHITE	W01	C3-02		J	P23-08		N85		
JMPR	22 AWG	WHITE	W01	C4-01		J	TB1-04	08			
1603	22 AWG	WHITE	W01	C4-02		J	P23-07		N85		
JMPR	22 AWG	WHITE	W01	C5-01		J	TB1-05	08			
1604	22 AWG	WHITE	W01	C5-02		J	P23-06		N85		
JMPR	22 AWG	WHITE	W01	C6-01		J	TB1-06	08			
1605	22 AWG	WHITE	W01	C6-02		J	P23-05		N85		
JMPR	22 AWG	WHITE	W01	C7-01		J	TB1-07	08			
1606	22 AWG	WHITE	W01	C7-02		J	P23-04		N85		
JMPR	22 AWG	WHITE	W01	C8-01		J	TB1-08	08			
1607	22 AWG	WHITE	W01	C8-02		J	P23-03		N85		
JMPR	22 AWG	WHITE	W01	C9-01		J	TB1-09	08			
1608	22 AWG	WHITE	W01	C9-02		J	P23-02		N85		
JMPR	22 AWG	WHITE	W01	C10-01		J	TB1-10	08			
1609	22 AWG	WHITE	W01	C10-02		J	P23-01		N85		
JMPR	22 AWG	WHITE	W01	C11-01		J	TB1-11	08			
1610	22 AWG	WHITE	W01	C11-02		J	P26-01		N85		
JMPR	22 AWG	WHITE	W01	C12-01		J	TB1-12	08			
1611	22 AWG	WHITE	W01	C12-02		J	P26-09		N84		
JMPR	22 AWG	WHITE	W01	C13-01		J	TB1-13	08			
1612	22 AWG	WHITE	W01	C13-02		J	P26-08		N84		
JMPR	22 AWG	WHITE	W01	C14-01		J	TB1-14	08			
1613	22 AWG	WHITE	W01	C14-02		J	P26-07		N84		
JMPR	22 AWG	WHITE	W01	C15-01		J	TB1-15	08			
1614	22 AWG	WHITE	W01	C15-02		J	P26-04		N84		
JMPR	22 AWG	WHITE	W01	C16-01		J	TB1-16	08			
1615	22 AWG	WHITE	W01	C16-02		J	P26-05		N84		
JMPR	22 AWG	WHITE	W01	C17-01		J	TB1-17	08			
1616	22 AWG	WHITE	W01	C17-02		J	P26-06		N84		
JMPR	22 AWG	WHITE	W01	C18-01		J	TB1-18	08			
1617	22 AWG	WHITE	W01	C18-02		J	P26-02		N84		
JMPR	22 AWG	WHITE	W01	C19-01		J	TB2-01	08			
1618	22 AWG	WHITE	W01	C19-02		J	P5-10		N85		
JMPR	22 AWG	WHITE	W01	C20-01		J	TB2-02	08			
1619	22 AWG	WHITE	W01	C20-02		J	P5-09		N85		
JMPR	22 AWG	WHITE	W01	C21-01		J	TB2-03	08			
1620	22 AWG	WHITE	W01	C21-02		J	P5-08		N85		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 1 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	C22-01		J	TB2-04	08			
1621	22 AWG	WHITE	W01	C22-02		J	P5-07		N85		
JMPR	22 AWG	WHITE	W01	C23-01		J	TB2-05	08			
1622	22 AWG	WHITE	W01	C23-02		J	P5-06		N85		
JMPR	22 AWG	WHITE	W01	C24-01		J	TB2-06	08			
1623	22 AWG	WHITE	W01	C24-02		J	P5-05		N85		
JMPR	22 AWG	WHITE	W01	C25-01		J	TB2-07	08			
1624	22 AWG	WHITE	W01	C25-02		J	P5-04		N85		
JMPR	22 AWG	WHITE	W01	C26-01		J	TB2-08	08			
1625	22 AWG	WHITE	W01	C26-02		J	P5-03		N85		
JMPR	22 AWG	WHITE	W01	C27-01		J	TB2-09	08			
1626	22 AWG	WHITE	W01	C27-02		J	P5-02		N85		
JMPR	22 AWG	WHITE	W01	C28-01		J	TB2-10	08			
1627	22 AWG	WHITE	W01	C28-02		J	P5-01		N85		
JMPR	22 AWG	WHITE	W01	C29-01		J	TB2-11	08			
1628	22 AWG	WHITE	W01	C29-02		J	P4-01		N85		
JMPR	22 AWG	WHITE	W01	C30-01		J	TB2-12	08			
1629	22 AWG	WHITE	W01	C30-02		J	P4-10		N85		
JMPR	22 AWG	WHITE	W01	C31-01		J	TB2-13	08			
1630	22 AWG	WHITE	W01	C31-02		J	P4-05		N85		
JMPR	22 AWG	WHITE	W01	C32-01		J	TB2-14	08			
1631	22 AWG	WHITE	W01	C32-02		J	P4-04		N85		
JMPR	22 AWG	WHITE	W01	C33-01		J	TB2-15	08			
1632	22 AWG	WHITE	W01	C33-02		J	P4-07		N85		
JMPR	22 AWG	WHITE	W01	C34-01		J	TB2-16	08			
1633	22 AWG	WHITE	W01	C34-02		J	P4-06		N85		
JMPR	22 AWG	WHITE	W01	C35-01		J	TB2-17	08			
1634	22 AWG	WHITE	W01	C35-02		J	P4-08		N85		
JMPR	22 AWG	WHITE	W01	C36-01		J	TB2-18	08			
1635	22 AWG	WHITE	W01	C36-02		J	P4-09		N85		
JMPR	22 AWG	WHITE	W01	C37-01		J	TB3-01	08			
1636	22 AWG	WHITE	W01	C37-02		J	P22-02		N85		
JMPR	22 AWG	WHITE	W01	C38-01		J	TB3-02	08			
1637	22 AWG	WHITE	W01	C38-02		J	P22-01		N85		
JMPR	22 AWG	WHITE	W01	C39-01		J	TB3-03	08			
1638	22 AWG	WHITE	W01	C39-02		J	P22-03		N85		
JMPR	22 AWG	WHITE	W01	C40-01		J	TB3-04	08			
1639	22 AWG	WHITE	W01	C40-02		J	P22-10		N85		
JMPR	22 AWG	WHITE	W01	C41-01		J	TB3-05	08			
1640	22 AWG	WHITE	W01	C41-02		J	P22-09		N85		
JMPR	22 AWG	WHITE	W01	C42-01		J	TB3-06	08			
1641	22 AWG	WHITE	W01	C42-02		J	P22-06		N85		
JMPR	22 AWG	WHITE	W01	C43-01		J	TB3-07	08			
1642	22 AWG	WHITE	W01	C43-02		J	P22-07		N85		
JMPR	22 AWG	WHITE	W01	C44-01		J	TB3-08	08			
1643	22 AWG	WHITE	W01	C44-02		J	P22-05		N85		
JMPR	22 AWG	WHITE	W01	C45-01		J	TB3-09	08			
1644	22 AWG	WHITE	W01	C45-02		J	P22-04		N85		
JMPR	22 AWG	WHITE	W01	C46-01		J	TB3-10	08			
1645	22 AWG	WHITE	W01	C46-02		J	P22-08		N85		
JMPR	22 AWG	WHITE	W01	C47-01		J	TB3-11	08			
1646	22 AWG	WHITE	W01	C47-02		J	P21-05		N84		
JMPR	22 AWG	WHITE	W01	C48-01		J	TB3-12	08			
1647	22 AWG	WHITE	W01	C48-02		J	P21-03		N84		
JMPR	22 AWG	WHITE	W01	C49-01		J	TB3-13	08			
1648	22 AWG	WHITE	W01	C49-02		J	P21-04		N84		
JMPR	22 AWG	WHITE	W01	C50-01		J	TB3-14	08			
1649	22 AWG	WHITE	W01	C50-02		J	P21-08		N84		
JMPR	22 AWG	WHITE	W01	C51-01		J	TB3-15	08			
JMPR	22 AWG	WHITE	W01	C52-01		J	TB3-16	08			
JMPR	22 AWG	WHITE	W01	C53-01		J	TB3-17	08			
1652	22 AWG	WHITE	W01	C53-02		J	P21-09		N84		
JMPR	22 AWG	WHITE	W01	C54-01		J	TB3-18	08			
1653	22 AWG	WHITE	W01	C54-02		J	P21-10		N84		
JMPR	22 AWG	WHITE	W01	C55-01		J	TB4-01	08			
1654	22 AWG	WHITE	W01	C55-02		J	P19-03		N85		
JMPR	22 AWG	WHITE	W01	C56-01		J	TB4-02	08			
1655	22 AWG	WHITE	W01	C56-02		J	P19-02		N85		
JMPR	22 AWG	WHITE	W01	C57-01		J	TB4-03	08			
1656	22 AWG	WHITE	W01	C57-02		J	P19-08		N85		
JMPR	22 AWG	WHITE	W01	C58-01		J	TB4-04	08			
1657	22 AWG	WHITE	W01	C58-02		J	P19-10		N85		
JMPR	22 AWG	WHITE	W01	C59-01		J	TB4-05	08			
1658	22 AWG	WHITE	W01	C59-02		J	P19-05		N85		
JMPR	22 AWG	WHITE	W01	C60-01		J	TB4-06	08			
1659	22 AWG	WHITE	W01	C60-02		J	P19-01		N85		
JMPR	22 AWG	WHITE	W01	C61-01		J	TB4-07	08			
1660	22 AWG	WHITE	W01	C61-02		J	P19-07		N85		
JMPR	22 AWG	WHITE	W01	C62-01		J	TB4-08	08			
1661	22 AWG	WHITE	W01	C62-02		J	P19-04		N85		
JMPR	22 AWG	WHITE	W01	C63-01		J	TB4-09	08			
1662	22 AWG	WHITE	W01	C63-02		J	P19-06		N85		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 2 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	C64-01		J	TB4-10	08			
1663	22 AWG	WHITE	W01	C64-02		J	P19-09		N85		
JMPR	22 AWG	WHITE	W01	C65-01		J	TB4-11	08			
1664	22 AWG	WHITE	W01	C65-02		J	P24-08	08	N84		
JMPR	22 AWG	WHITE	W01	C66-01		J	TB4-12	08			
1665	22 AWG	WHITE	W01	C66-02		J	P24-09		N84		
JMPR	22 AWG	WHITE	W01	C67-01		J	TB4-13	08			
1666	22 AWG	WHITE	W01	C67-02		J	P24-03		N84		
1805	22 AWG	WHITE	W01	C67-02		J	XDS28-12	08		2 WIRES IN XDS28-12(SEE C205-2)	
JMPR	22 AWG	WHITE	W01	C68-01		J	TB4-14	08			
1667	22 AWG	WHITE	W01	C68-02		J	P24-04		N84		
JMPR	22 AWG	WHITE	W01	C69-01		J	TB4-15	08			
1650	22 AWG	WHITE	W01	C69-02		J	S13B-04		J		
JMPR	22 AWG	WHITE	W01	C70-01		J	TB4-16	08			
1651	22 AWG	WHITE	W01	C70-02		J	P24-10		N84		
JMPR	22 AWG	WHITE	W01	C71-01		J	TB4-17	08			
1670	22 AWG	WHITE	W01	C71-02		J	P24-02		N84		
JMPR	22 AWG	WHITE	W01	C72-01		J	TB4-18	08			
1671	22 AWG	WHITE	W01	C72-02		J	P24-01		N84		
JMPR	22 AWG	WHITE	W01	C73-01		J	TB5-01	08			
1672	22 AWG	WHITE	W01	C73-02		J	P18-01		N85		
JMPR	22 AWG	WHITE	W01	C74-01		J	TB5-02	08			
1673	22 AWG	WHITE	W01	C74-02		J	P18-02		N85		
JMPR	22 AWG	WHITE	W01	C75-01		J	TB5-03	08			
1674	22 AWG	WHITE	W01	C75-02		J	P14-01		N85		
JMPR	22 AWG	WHITE	W01	C76-01		J	TB5-04	08			
1675	22 AWG	WHITE	W01	C76-02		J	P14-02		N85		
JMPR	22 AWG	WHITE	W01	C77-01		J	TB5-05	08			
1676	22 AWG	WHITE	W01	C77-02		J	P14-03		N85		
JMPR	22 AWG	WHITE	W01	C78-01		J	TB5-06	08			
1677	22 AWG	WHITE	W01	C78-02		J	P18-05		N85		
JMPR	22 AWG	WHITE	W01	C79-01		J	TB5-07	08			
1678	22 AWG	WHITE	W01	C79-02		J	P18-03		N85		
JMPR	22 AWG	WHITE	W01	C80-01		J	TB5-08	08			
1679	22 AWG	WHITE	W01	C80-02		J	P14-10		N85		
JMPR	22 AWG	WHITE	W01	C81-01		J	TB5-09	08			
1680	22 AWG	WHITE	W01	C81-02		J	P18-06		N85		
JMPR	22 AWG	WHITE	W01	C82-01		J	TB5-10	08			
1681	22 AWG	WHITE	W01	C82-02		J	P14-06		N85		
JMPR	22 AWG	WHITE	W01	C83-01		J	TB5-11	08			
1682	22 AWG	WHITE	W01	C83-02		J	P14-07		N85		
JMPR	22 AWG	WHITE	W01	C84-01		J	TB5-12	08			
1683	22 AWG	WHITE	W01	C84-02		J	P14-05		N85		
JMPR	22 AWG	WHITE	W01	C85-01		J	TB5-13	08			
1684	22 AWG	WHITE	W01	C85-02		J	P14-08		N85		
JMPR	22 AWG	WHITE	W01	C86-01		J	TB5-14	08			
1685	22 AWG	WHITE	W01	C86-02		J	P14-04		N85		
JMPR	22 AWG	WHITE	W01	C87-01		J	TB5-15	08			
1686	22 AWG	WHITE	W01	C87-02		J	P14-09		N85		
JMPR	22 AWG	WHITE	W01	C88-01		J	TB5-16	08			
1687	22 AWG	WHITE	W01	C88-02		J	P18-09		N85		
JMPR	22 AWG	WHITE	W01	C89-01		J	TB5-17	08			
1688	22 AWG	WHITE	W01	C89-02		J	P18-04		N85		
JMPR	22 AWG	WHITE	W01	C90-01		J	TB5-18	08			
1689	22 AWG	WHITE	W01	C90-02		J	P18-10		N85		
JMPR	22 AWG	WHITE	W01	C91-01		J	TB6-01	08			
1690	22 AWG	WHITE	W01	C91-02		J	P15-09		N85		
JMPR	22 AWG	WHITE	W01	C92-01		J	TB6-02	08			
1691	22 AWG	WHITE	W01	C92-02		J	P15-08		N85		
JMPR	22 AWG	WHITE	W01	C93-01		J	TB6-03	08			
1692	22 AWG	WHITE	W01	C93-02		J	P15-07		N85		
JMPR	22 AWG	WHITE	W01	C94-01		J	TB6-04	08			
1693	22 AWG	WHITE	W01	C94-02		J	P15-06		N85		
JMPR	22 AWG	WHITE	W01	C95-01		J	TB6-05	08			
1694	22 AWG	WHITE	W01	C95-02		J	P15-05		N85		
JMPR	22 AWG	WHITE	W01	C96-01		J	TB6-06	08			
1695	22 AWG	WHITE	W01	C96-02		J	P15-01		N85		
JMPR	22 AWG	WHITE	W01	C97-01		J	TB6-07	08			
1696	22 AWG	WHITE	W01	C97-02		J	P15-02		N85		
JMPR	22 AWG	WHITE	W01	C98-01		J	TB6-08	08			
1697	22 AWG	WHITE	W01	C98-02		J	P15-03		N85		
JMPR	22 AWG	WHITE	W01	C99-01		J	TB6-09	08			
1698	22 AWG	WHITE	W01	C99-02		J	P15-04		N85		
JMPR	22 AWG	WHITE	W01	C100-01		J	TB6-10	08			
1699	22 AWG	WHITE	W01	C100-02		J	P15-10		N85		
JMPR	22 AWG	WHITE	W01	C101-01		J	TB6-11	08			
1700	22 AWG	WHITE	W01	C101-02		J	P25-08		N85		
1864	22 AWG	WHITE	W01	C101-02		J	C201-02		J		
JMPR	22 AWG	WHITE	W01	C102-01		J	TB6-12	08			
1701	22 AWG	WHITE	W01	C102-02		J	P25-06		N85		
JMPR	22 AWG	WHITE	W01	C103-01		J	TB6-13	08			
1702	22 AWG	WHITE	W01	C103-02		J	P25-07		N85		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	C104-01		J	TB6-14	08			
1703	22 AWG	WHITE	W01	C104-02		J	P25-03		N85		
JMPR	22 AWG	WHITE	W01	C105-01		J	TB6-15	08			
1704	22 AWG	WHITE	W01	C105-02		J	P25-04		N85		
JMPR	22 AWG	WHITE	W01	C106-01		J	TB6-16	08			
1705	22 AWG	WHITE	W01	C106-02		J	P25-01		N85		
JMPR	22 AWG	WHITE	W01	C107-01		J	TB6-17	08			
1706	22 AWG	WHITE	W01	C107-02		J	P25-02		N85		
JMPR	22 AWG	WHITE	W01	C108-01		J	TB6-18	08			
1707	22 AWG	WHITE	W01	C108-02		J	P25-05		N85		
JMPR	22 AWG	WHITE	W01	C109-01		J	TB7-01	08			
1708	22 AWG	WHITE	W01	C109-02		J	P11-06		N85		
JMPR	22 AWG	WHITE	W01	C110-01		J	TB7-02	08			
1709	22 AWG	WHITE	W01	C110-02		J	P11-04		N85		
JMPR	22 AWG	WHITE	W01	C111-01		J	TB7-03	08			
1710	22 AWG	WHITE	W01	C111-02		J	P11-05		N85		
JMPR	22 AWG	WHITE	W01	C112-01		J	TB7-04	08			
1711	22 AWG	WHITE	W01	C112-02		J	P11-02		N85		
JMPR	22 AWG	WHITE	W01	C113-01		J	TB7-05	08			
1712	22 AWG	WHITE	W01	C113-02		J	P11-03		N85		
JMPR	22 AWG	WHITE	W01	C114-01		J	TB7-06	08			
JMPR	22 AWG	WHITE	W01	C115-01		J	TB7-07	08			
JMPR	22 AWG	WHITE	W01	C116-01		J	TB7-08	08			
JMPR	22 AWG	WHITE	W01	C117-01		J	TB7-09	08			
1718	22 AWG	WHITE	W01	C118-02		J	P7-02		N85		
1717	22 AWG	WHITE	W01	C119-02		J	P11-01		N85		
JMPR	22 AWG	WHITE	W01	C120-01		J	TB7-12	08			
1719	22 AWG	WHITE	W01	C120-02		J	P7-07		N85		
JMPR	22 AWG	WHITE	W01	C121-01		J	TB7-13	08			
1720	22 AWG	WHITE	W01	C121-02		J	P7-08		N85		
JMPR	22 AWG	WHITE	W01	C122-01		J	TB7-14	08			
1721	22 AWG	WHITE	W01	C122-02		J	P7-09		N85		
JMPR	22 AWG	WHITE	W01	C123-01		J	TB7-15	08			
1722	22 AWG	WHITE	W01	C123-02		J	P7-10		N85		
JMPR	22 AWG	WHITE	W01	C124-01		J	TB7-16	08			
1723	22 AWG	WHITE	W01	C124-02		J	P7-06		N85		
JMPR	22 AWG	WHITE	W01	C125-01		J	TB7-17	08			
1724	22 AWG	WHITE	W01	C125-02		J	P7-05		N85		
JMPR	22 AWG	WHITE	W01	C126-01		J	TB7-18	08			
1725	22 AWG	WHITE	W01	C126-02		J	P7-01		N85		
JMPR	22 AWG	WHITE	W01	C127-01		J	TB8-01	08			
1726	22 AWG	WHITE	W01	C127-02		J	P16-03		N85		
JMPR	22 AWG	WHITE	W01	C128-01		J	TB8-02	08			
1727	22 AWG	WHITE	W01	C128-02		J	P16-04		N85		
JMPR	22 AWG	WHITE	W01	C129-01		J	TB8-03	08			
1728	22 AWG	WHITE	W01	C129-02		J	P16-02		N85		
JMPR	22 AWG	WHITE	W01	C130-01		J	TB8-04	08			
1729	22 AWG	WHITE	W01	C130-02		J	P16-05		N85		
JMPR	22 AWG	WHITE	W01	C131-01		J	TB8-05	08			
1730	22 AWG	WHITE	W01	C131-02		J	P16-01		N85		
JMPR	22 AWG	WHITE	W01	C132-01		J	TB8-06	08			
1731	22 AWG	WHITE	W01	C132-02		J	P16-06		N85		
JMPR	22 AWG	WHITE	W01	C133-01		J	TB8-07	08			
1732	22 AWG	WHITE	W01	C133-02		J	P16-07		N85		
JMPR	22 AWG	WHITE	W01	C134-01		J	TB8-08	08			
1733	22 AWG	WHITE	W01	C134-02		J	P16-08		N85		
JMPR	22 AWG	WHITE	W01	C135-01		J	TB8-09	08			
1734	22 AWG	WHITE	W01	C135-02		J	P16-09		N85		
JMPR	22 AWG	WHITE	W01	C136-01		J	TB8-10	08			
1735	22 AWG	WHITE	W01	C136-02		J	P16-10		N85		
JMPR	22 AWG	WHITE	W01	C137-01		J	TB8-11	08			
1736	22 AWG	WHITE	W01	C137-02		J	P20-01		N85		
JMPR	22 AWG	WHITE	W01	C138-01		J	TB8-12	08			
1737	22 AWG	WHITE	W01	C138-02		J	P20-08	08	N85		
1819	22 AWG	WHITE	W01	C138-02		J	S13C-02		J		
JMPR	22 AWG	WHITE	W01	C139-01		J	TB8-13	08			
1738	22 AWG	WHITE	W01	C139-02		J	P20-07		N85		
JMPR	22 AWG	WHITE	W01	C140-01		J	TB8-14	08			
1739	22 AWG	WHITE	W01	C140-02		J	P20-06		N85		
1818	22 AWG	WHITE	W01	C140-02		J	S13C-01		J		
JMPR	22 AWG	WHITE	W01	C141-01		J	TB8-15	08			
1740	22 AWG	WHITE	W01	C141-02		J	P20-09		N85		
JMPR	22 AWG	WHITE	W01	C142-01		J	TB8-16	08			
1741	22 AWG	WHITE	W01	C142-02		J	P20-10		N85		
JMPR	22 AWG	WHITE	W01	C143-01		J	TB8-17	08			
1742	22 AWG	WHITE	W01	C143-02		J	P20-02		N85		
JMPR	22 AWG	WHITE	W01	C144-01		J	TB8-18	08			
1743	22 AWG	WHITE	W01	C144-02		J	P20-03		N85		
JMPR	22 AWG	WHITE	W01	C145-01		J	TB8-19	08			
1744	22 AWG	WHITE	W01	C145-02		J	P20-04		N85		
JMPR	22 AWG	WHITE	W01	C146-01		J	TB8-20	08			
1745	22 AWG	WHITE	W01	C146-02		J	P20-05		N85		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 4 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	C147-01		J	TB1-19	08			
JMPR	22 AWG	WHITE	W01	C148-01		J	TB1-20	08			
JMPR	22 AWG	WHITE	W01	C149-01		J	TB2-19	08			
JMPR	22 AWG	WHITE	W01	C150-01		J	TB2-20	08			
JMPR	22 AWG	WHITE	W01	C151-01		J	TB3-19	08			
JMPR	22 AWG	WHITE	W01	C152-01		J	TB3-20	08			
JMPR	22 AWG	WHITE	W01	C153-01		J	TB4-19	08			
JMPR	22 AWG	WHITE	W01	C154-01		J	TB4-20	08			
1747	22 AWG	WHITE	W01	C154-02		J	P24-07		N84		
JMPR	22 AWG	WHITE	W01	C155-01		J	TB5-19	08			
JMPR	22 AWG	WHITE	W01	C156-01		J	TB5-20	08			
JMPR	22 AWG	WHITE	W01	C157-01		J	TB6-19	08			
1878	22 AWG	WHITE	W01	C157-02		J	P25-09		N84		
JMPR	22 AWG	WHITE	W01	C158-01		J	TB6-20	08			
JMPR	22 AWG	WHITE	W01	C159-01		J	TB7-19	08			
1748	22 AWG	WHITE	W01	C159-02		J	P7-04		N85		
JMPR	22 AWG	WHITE	W01	C160-01		J	TB7-20	08			
1749	22 AWG	WHITE	W01	C160-02		J	P7-03		N85		
JMPR	22 AWG	BUS	W38	C180-01		J	K2-06		J		
JMPR	22 AWG	BUS	W38	C180-LUG		N4	K2-COM		J		
1773	22 AWG	WHITE	W01	C180-02		J	C191-02		J		
JMPR	22 AWG	BUS	W38	C181-01		J	K2-05		J		
1825	22 AWG	WHITE	W01	C181-02		J	C190-02		J		
JMPR	22 AWG	BUS	W38	C182-01		J	K2-04		J		
1869	22 AWG	WHITE	W01	C182-02		J	C189-02		J		
JMPR	22 AWG	BUS	W38	C183-01		J	K2-03		J		
1870	22 AWG	WHITE	W01	C183-02		J	C188-02		J		
JMPR	22 AWG	BUS	W38	C184-01		J	K2-02		J		
1871	22 AWG	WHITE	W01	C184-02		J	C187-02		J		
JMPR	22 AWG	BUS	W38	C185-01		J	K2-01		J		
1872	22 AWG	WHITE	W01	C185-02		J	C186-02		J		
JMPR	22 AWG	BUS	W38	C186-01		J	K1-01		J		
1856	22 AWG	WHITE	W01	C186-02		J	P27-01		N85		
1872	22 AWG	WHITE	W01	C186-02		J	C185-02		J		
JMPR	22 AWG	BUS	W38	C187-01		J	K1-02		J		
1857	22 AWG	WHITE	W01	C187-02		J	P27-02		N85		
1871	22 AWG	WHITE	W01	C187-02		J	C184-02		J		
JMPR	22 AWG	BUS	W38	C188-01		J	K1-03		J		
1858	22 AWG	WHITE	W01	C188-02		J	P27-03		N85		
1870	22 AWG	WHITE	W01	C188-02		J	C183-02		J		
JMPR	22 AWG	BUS	W38	C189-01		J	K1-04		J		
1869	22 AWG	WHITE	W01	C189-02		J	C182-02		J		
1859	22 AWG	WHITE	W01	C189-02		J	P27-04		N85		
JMPR	22 AWG	BUS	W38	C190-01		J	K1-05		J		
1825	22 AWG	WHITE	W01	C190-02		J	C181-02		J		
1860	22 AWG	WHITE	W01	C190-02		J	P27-05		N85		
JMPR	22 AWG	BUS	W38	C191-01		J	K1-06		J		
JMPR	22 AWG	BUS	W38	C191-LUG		N4	K1-COM		J		
1773	22 AWG	WHITE	W01	C191-02		J	C180-02		J		
1861	22 AWG	WHITE	W01	C191-02		J	P27-06		N85		
1874	22 AWG	WHITE	W01	C193-02		J	C197-02		J	+15V	
1875	22 AWG	WHITE	W01	C193-02		J	C196-02		J	+15V	
1876	22 AWG	WHITE	W01	C195-02		J	C196-02		J	+15V	
1877	22 AWG	WHITE	W01	C195-02		J	C198-02		J	+15V	
JMPR	22 AWG	BUS	W38	C196-01		J	AR1-C		J	+15V	
1875	22 AWG	WHITE	W01	C196-02		J	C193-02		J	+15V	
1876	22 AWG	WHITE	W01	C196-02		J	C195-02		J	+15V	
JMPR	22 AWG	BUS	W38	C196-LUG		N4	AR1-E		J	GND	
JMPR	22 AWG	BUS	W38	C197-01		J	AR2-C		J	+15V	
1874	22 AWG	WHITE	W01	C197-02		J	C193-02		J	+15V	
JMPR	22 AWG	BUS	W38	C197-LUG		N4	AR2-E		J	GND	
JMPR	22 AWG	BUS	W38	C198-01		J	AT1(+15)		J	+15V	
1877	22 AWG	WHITE	W01	C198-02		J	C195-02		J	+15V	
JMPR	22 AWG	BUS	W38	C199-01		J	AT1-CONT		J	CONTROL	
1862	22 AWG	WHITE	W01	C199-02		J	P28-01		N85	CONTROL	
JMPR	22 AWG	BUS	W38	C199-LUG		N4	AT1-G		J		
JMPR	22 AWG	BUS	W38	C200-01		J	AR3-C		J		
JMPR	22 AWG	BUS	W38	C200-LUG		N4	AR3-E		J	GND	
JMPR	22 AWG	BUS	W38	C201-01		J	AT3(+15)		J	+15V	
1864	22 AWG	WHITE	W01	C201-02		J	C101-02		J	+15V	
1713	22 AWG	WHITE	W01	C203-01		J	XDS16-01		N63		
1843	22 AWG	WHITE	W01	C203-02		J	P8-08		N85		
1714	22 AWG	WHITE	W01	C204-01		J	XDS29-07		N63		
1823	22 AWG	WHITE	W01	C204-02		J	P9-01		N85		
1716	22 AWG	WHITE	W01	C205-01		J	XDS29-17		N64	2 WIRES IN XDS29-17(SEE XDS29-16)	
1810	22 AWG	WHITE	W01	C205-02		J	S13A-04		J		
1806	22 AWG	WHITE	W01	C205-02		J	XDS28-12			2 WIRES IN XDS28-12(SEE C67-2)	
1715	22 AWG	WHITE	W01	C206-01		J	XDS29-08		N63		
1824	22 AWG	WHITE	W01	C206-02		J	P10-04		N85		
1808	22 AWG	WHITE	W01	E4		J	S13A-C1		J		
JMPR	22 AWG	WHITE	W01	E5		J	P9-05		N85		
W12	RG 316		W45	HY1-INPUT			AR3-OUTPUT			150837-01	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 5 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
W15	RG 316		W45	HY1-02			AT2			149737-02	
W4	RG 316		W45	HY2-INPUT			AR1-J2			150837-03	
W9	RG 316		W45	HY3-INPUT			AR2-J2			150819-02	
1865	22 AWG	WHITE	W19	J1-CENTER		J	P28-07		N85	CONNECT SHLD TO GND AT J1 ONLY	
W13	RG 316		W45	J1			A15-J1			OUTSIDE	
1867	22 AWG	WHITE	W19	J2-CENTER		J	P28-09		N85	CONNECT SHLD TO GND AT J2 ONLY	
W5	RG 316		W45	J2			A16-J1			OUTSIDE	
1863	22 AWG	WHITE	W19	J3-CENTER		J	P28-05		N85	CONNECT SHLD TO GND AT J3 ONLY	
W10	RG 316		W45	J3			A17-J1			OUTSIDE	
W21	RG 316		W45	K1-J1			AT9-J2			149736-03	
W18	RG 316		W45	K1-J2			AT10-J2			149735-03	
W19	RG 316		W45	K1-J3			AT11-J2			149736-01	
W16	RG 316		W45	K1-J4			AT12-J2			149735-01	
W20	RG 316		W45	K1-J5			AT13-J2			149736-02	
W17	RG 316		W45	K1-J6			AT14-J2			149735-02	
JMPR	22 AWG	BUS	W38	K1-01		J	C186-01		J		
JMPR	22 AWG	BUS	W38	K1-02		J	C187-01		J		
JMPR	22 AWG	BUS	W38	K1-03		J	C188-01		J		
JMPR	22 AWG	BUS	W38	K1-04		J	C189-01		J		
JMPR	22 AWG	BUS	W38	K1-05		J	C190-01		J		
JMPR	22 AWG	BUS	W38	K1-06		J	C191-01		J		
JMPR	22 AWG	BUS	W38	K1-COM		J	C191-LUG		N4		
W6	RG 316		W45	K2-J7			AT5-J1				
JMPR	22 AWG	BUS	W38	K2-01		J	C185-01		J		
JMPR	22 AWG	BUS	W38	K2-02		J	C184-01		J		
JMPR	22 AWG	BUS	W38	K2-03		J	C183-01		J		
JMPR	22 AWG	BUS	W38	K2-04		J	C182-01		J		
JMPR	22 AWG	BUS	W38	K2-05		J	C181-01		J		
JMPR	22 AWG	BUS	W38	K2-06		J	C180-01		J		
JMPR	22 AWG	BUS	W38	K2-COM		J	C180-LUG		N4		
1758	22 AWG	WHITE	W01	P1-01		N85	S1A-C1		J		
1766	22 AWG	WHITE	W01	P1-02		N85	S1B-C1		J		
1782	22 AWG	WHITE	W01	P1-03		N85	S2B-10		J		
1780	22 AWG	WHITE	W01	P1-04		N85	S2B-08		J		
1775	22 AWG	WHITE	W01	P1-05		N85	S2A-11		J		
1781	22 AWG	WHITE	W01	P1-06		N85	S2B-09		J		
1770	22 AWG	WHITE	W01	P1-07		N85	S2A-04		J		
1771	22 AWG	WHITE	W01	P1-08		N85	S2A-05		J		
1772	22 AWG	WHITE	W01	P1-09		N85	S2A-06		J		
1757	22 AWG	WHITE	W01	P1-10		N85	S1A-10		J		
1784	22 AWG	WHITE	W01	P2-03		N85	S2B-C1		J		
1774	22 AWG	WHITE	W01	P2-04		N85	S2A-C1		J		
1750	22 AWG	WHITE	W01	P2-05		N85	S1A-01		J		
1751	22 AWG	WHITE	W01	P2-06		N85	S1A-02		J		
1752	22 AWG	WHITE	W01	P2-07		N85	S1A-03		J		
1754	22 AWG	WHITE	W01	P2-08		N85	S1A-07		J		
1755	22 AWG	WHITE	W01	P2-09		N85	S1A-08		J		
1756	22 AWG	WHITE	W01	P2-10		N85	S1A-09		J		
1779	22 AWG	WHITE	W01	P3-01		N85	S2B-07		J		
1776	22 AWG	WHITE	W01	P3-02		N85	S2B-01		J		
1777	22 AWG	WHITE	W01	P3-03		N85	S2B-02		J		
1778	22 AWG	WHITE	W01	P3-04		N85	S2B-03		J		
1816	22 AWG	WHITE	W01	P3-06		N85	S13B-03		J		
1817	22 AWG	WHITE	W01	P3-07		N85	S13B-05		J		
1767	22 AWG	WHITE	W01	P3-08		N85	S2A-01		J		
1768	22 AWG	WHITE	W01	P3-09		N85	S2A-02		J		
1769	22 AWG	WHITE	W01	P3-10		N85	S2A-03		J		
1628	22 AWG	WHITE	W01	P4-01		N85	C29-02		J		
1631	22 AWG	WHITE	W01	P4-04		N85	C32-02		J		
1630	22 AWG	WHITE	W01	P4-05		N85	C31-02		J		
1633	22 AWG	WHITE	W01	P4-06		N85	C34-02		J		
1632	22 AWG	WHITE	W01	P4-07		N85	C33-02		J		
1634	22 AWG	WHITE	W01	P4-08		N85	C35-02		J		
1635	22 AWG	WHITE	W01	P4-09		N85	C36-02		J		
1629	22 AWG	WHITE	W01	P4-10		N85	C30-02		J		
1627	22 AWG	WHITE	W01	P5-01		N85	C28-02		J		
1626	22 AWG	WHITE	W01	P5-02		N85	C27-02		J		
1625	22 AWG	WHITE	W01	P5-03		N85	C26-02		J		
1624	22 AWG	WHITE	W01	P5-04		N85	C25-02		J		
1623	22 AWG	WHITE	W01	P5-05		N85	C24-02		J		
1622	22 AWG	WHITE	W01	P5-06		N85	C23-02		J		
1621	22 AWG	WHITE	W01	P5-07		N85	C22-02		J		
1620	22 AWG	WHITE	W01	P5-08		N85	C21-02		J		
1619	22 AWG	WHITE	W01	P5-09		N85	C20-02		J		
1618	22 AWG	WHITE	W01	P5-10		N85	C19-02		J		
1834	22 AWG	WHITE	W01	P6-02		N85	XDS9-25		J		
1832	22 AWG	WHITE	W01	P6-03		N85	XDS7-25		J		
1833	22 AWG	WHITE	W01	P6-04		N85	XDS8-25		J		
1829	22 AWG	WHITE	W01	P6-05		N85	XDS4-25		J		
1831	22 AWG	WHITE	W01	P6-06		N85	XDS6-25		J		
1826	22 AWG	WHITE	W01	P6-07		N85	XDS1-25		J		
1830	22 AWG	WHITE	W01	P6-08		N85	XDS5-25		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 6 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
1827	22 AWG	WHITE	W01	P6-09		N85	XDS2-25		J		
1828	22 AWG	WHITE	W01	P6-10		N85	XDS3-25		J		
1725	22 AWG	WHITE	W01	P7-01		N85	C126-02		J		
1718	22 AWG	WHITE	W01	P7-02		N85	C118-02		J		
1749	22 AWG	WHITE	W01	P7-03		N85	C160-02		J		
1748	22 AWG	WHITE	W01	P7-04		N85	C159-02		J		
1724	22 AWG	WHITE	W01	P7-05		N85	C125-02		J		
1723	22 AWG	WHITE	W01	P7-06		N85	C124-02		J		
1719	22 AWG	WHITE	W01	P7-07		N85	C120-02		J		
1720	22 AWG	WHITE	W01	P7-08		N85	C121-02		J		
1721	22 AWG	WHITE	W01	P7-09		N85	C122-02		J		
1722	22 AWG	WHITE	W01	P7-10		N85	C123-02		J		
1835	22 AWG	WHITE	W01	P8-01		N85	XDS10-25		J		
1836	22 AWG	WHITE	W01	P8-02		N85	XDS11-25		J		
1839	22 AWG	WHITE	W01	P8-03		N85	XDS13-25		J		
1837	22 AWG	WHITE	W01	P8-04		N85	XDS12-25		J		
1843	22 AWG	WHITE	W01	P8-08		N85	C203-02		J		
1841	22 AWG	WHITE	W01	P8-09		N85	XDS14-01		J		
1840	22 AWG	WHITE	W01	P8-10		N85	XDS14-05		J		
1823	22 AWG	WHITE	W01	P9-01		N85	C204-02		J		
1788	22 AWG	WHITE	W01	P9-02		N85	XDS19-07		N64	2 WIRES IN XDS19-7(SEE XDS26-12)	
1803	22 AWG	WHITE	W01	P9-03		N85	XDS26-18		N64	2 WIRES IN XDS26-18(SEE S13A-1)	
1790	22 AWG	WHITE	W01	P9-04		N85	XDS19-17		N64	2 WIRES IN XDS19-17(SEE S13A-5)	
JMPR	22 AWG	WHITE	W01	P9-05		N85	E5		J	JUMPER	
1802	22 AWG	WHITE	W01	P9-06		N85	XDS26-17		N63		
1813	22 AWG	WHITE	W01	P9-07		N85	S13A-C3		J		
1811	22 AWG	WHITE	W01	P9-08		N85	S13A-C2		J		
1812	22 AWG	WHITE	W01	P9-09		N85	S13A-06		J		
1801	22 AWG	WHITE	W01	P9-10		N85	XDS26-08		N64	2 WIRES IN XDS26-8(SEE XDS28-17)	
1807	22 AWG	WHITE	W01	P10-01		N85	S13A-02		J		
1821	22 AWG	WHITE	W01	P10-02		N85	S13C-C2		J		
1792	22 AWG	WHITE	W01	P10-03		N85	XDS17-18		N63		
1824	22 AWG	WHITE	W01	P10-04		N85	C206-02		J		
1786	22 AWG	WHITE	W01	P10-08		N85	XDS17-08		N64	2 WIRES IN XDS17-8(SEE XDS20-12)	
1814	22 AWG	WHITE	W01	P10-09		N85	S13B-01		J		
1815	22 AWG	WHITE	W01	P10-10		N85	S13B-02		J		
1717	22 AWG	WHITE	W01	P11-01		N85	C119-02		J		
1711	22 AWG	WHITE	W01	P11-02		N85	C112-02		J		
1712	22 AWG	WHITE	W01	P11-03		N85	C113-02		J		
1709	22 AWG	WHITE	W01	P11-04		N85	C110-02		J		
1710	22 AWG	WHITE	W01	P11-05		N85	C111-02		J		
1708	22 AWG	WHITE	W01	P11-06		N85	C109-02		J		
1844	22 AWG	WHITE	W01	P12-01		N85	XDS17-25		N63		
1853	22 AWG	WHITE	W01	P12-02		N85	XDS26-25		N63		
1855	22 AWG	WHITE	W01	P12-03		N85	XDS27-25		N63		
1845	22 AWG	WHITE	W01	P12-04		N85	XDS18-25		N63		
1846	22 AWG	WHITE	W01	P12-05		N85	XDS19-25		N63		
1793	22 AWG	WHITE	W01	P12-06		N85	XDS20-17		N63		
1794	22 AWG	WHITE	W01	P12-07		N85	XDS21-17		N63		
1795	22 AWG	WHITE	W01	P12-08		N85	XDS22-17		N63		
1796	22 AWG	WHITE	W01	P12-09		N85	XDS23-17		N63		
1797	22 AWG	WHITE	W01	P12-10		N85	XDS24-17		N63		
1800	22 AWG	WHITE	W01	P13-01		N85	XDS25-17		N63		
1847	22 AWG	WHITE	W01	P13-04		N85	XDS20-25		N63		
1848	22 AWG	WHITE	W01	P13-05		N85	XDS21-05		N63		
1849	22 AWG	WHITE	W01	P13-06		N85	XDS22-25		N63		
1850	22 AWG	WHITE	W01	P13-07		N85	XDS23-25		N63		
1851	22 AWG	WHITE	W01	P13-08		N85	XDS24-25		N63		
1852	22 AWG	WHITE	W01	P13-09		N85	XDS25-25		N63		
1674	22 AWG	WHITE	W01	P14-01		N85	C75-02		J		
1675	22 AWG	WHITE	W01	P14-02		N85	C76-02		J		
1676	22 AWG	WHITE	W01	P14-03		N85	C77-02		J		
1685	22 AWG	WHITE	W01	P14-04		N85	C86-02		J		
1683	22 AWG	WHITE	W01	P14-05		N85	C84-02		J		
1681	22 AWG	WHITE	W01	P14-06		N85	C82-02		J		
1682	22 AWG	WHITE	W01	P14-07		N85	C83-02		J		
1684	22 AWG	WHITE	W01	P14-08		N85	C85-02		J		
1686	22 AWG	WHITE	W01	P14-09		N85	C87-02		J		
1679	22 AWG	WHITE	W01	P14-10		N85	C80-02		J		
1695	22 AWG	WHITE	W01	P15-01		N85	C96-02		J		
1696	22 AWG	WHITE	W01	P15-02		N85	C97-02		J		
1697	22 AWG	WHITE	W01	P15-03		N85	C98-02		J		
1698	22 AWG	WHITE	W01	P15-04		N85	C99-02		J		
1694	22 AWG	WHITE	W01	P15-05		N85	C95-02		J		
1693	22 AWG	WHITE	W01	P15-06		N85	C94-02		J		
1692	22 AWG	WHITE	W01	P15-07		N85	C93-02		J		
1691	22 AWG	WHITE	W01	P15-08		N85	C92-02		J		
1690	22 AWG	WHITE	W01	P15-09		N85	C91-02		J		
1699	22 AWG	WHITE	W01	P15-10		N85	C100-02		J		
1730	22 AWG	WHITE	W01	P16-01		N85	C131-02		J		
1728	22 AWG	WHITE	W01	P16-02		N85	C129-02		J		
1726	22 AWG	WHITE	W01	P16-03		N85	C127-02		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 7 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
1727	22 AWG	WHITE	W01	P16-04		N85	C128-02		J		
1729	22 AWG	WHITE	W01	P16-05		N85	C130-02		J		
1731	22 AWG	WHITE	W01	P16-06		N85	C132-02		J		
1732	22 AWG	WHITE	W01	P16-07		N85	C133-02		J		
1733	22 AWG	WHITE	W01	P16-08		N85	C134-02		J		
1734	22 AWG	WHITE	W01	P16-09		N85	C135-02		J		
1735	22 AWG	WHITE	W01	P16-10		N85	C136-02		J		
1759	22 AWG	WHITE	W01	P17-04		N85	S1B-01		J		
1760	22 AWG	WHITE	W01	P17-05		N85	S1B-02		J		
1761	22 AWG	WHITE	W01	P17-06		N85	S1B-03		J		
1762	22 AWG	WHITE	W01	P17-07		N85	S1B-04		J		
1763	22 AWG	WHITE	W01	P17-08		N85	S1B-05		J		
1764	22 AWG	WHITE	W01	P17-09		N85	S1B-06		J		
1672	22 AWG	WHITE	W01	P18-01		N85	C73-02		J		
1673	22 AWG	WHITE	W01	P18-02		N85	C74-02		J		
1678	22 AWG	WHITE	W01	P18-03		N85	C79-02		J		
1688	22 AWG	WHITE	W01	P18-04		N85	C89-02		J		
1677	22 AWG	WHITE	W01	P18-05		N85	C78-02		J		
1680	22 AWG	WHITE	W01	P18-06		N85	C81-02		J		
1687	22 AWG	WHITE	W01	P18-09		N85	C88-02		J		
1689	22 AWG	WHITE	W01	P18-10		N85	C90-02		J		
1659	22 AWG	WHITE	W01	P19-01		N85	C60-02		J		
1655	22 AWG	WHITE	W01	P19-02		N85	C56-02		J		
1654	22 AWG	WHITE	W01	P19-03		N85	C55-02		J		
1661	22 AWG	WHITE	W01	P19-04		N85	C62-02		J		
1658	22 AWG	WHITE	W01	P19-05		N85	C59-02		J		
1662	22 AWG	WHITE	W01	P19-06		N85	C63-02		J		
1660	22 AWG	WHITE	W01	P19-07		N85	C61-02		J		
1656	22 AWG	WHITE	W01	P19-08		N85	C57-02		J		
1663	22 AWG	WHITE	W01	P19-09		N85	C64-02		J		
1657	22 AWG	WHITE	W01	P19-10		N85	C58-02		J		
1736	22 AWG	WHITE	W01	P20-01		N85	C137-02		J		
1742	22 AWG	WHITE	W01	P20-02		N85	C143-02		J		
1743	22 AWG	WHITE	W01	P20-03		N85	C144-02		J		
1744	22 AWG	WHITE	W01	P20-04		N85	C145-02		J		
1745	22 AWG	WHITE	W01	P20-05		N85	C146-02		J		
1739	22 AWG	WHITE	W01	P20-06		N85	C140-02		J		
1738	22 AWG	WHITE	W01	P20-07		N85	C139-02		J		
1737	22 AWG	WHITE	W01	P20-08		N85	C138-02		J		
1740	22 AWG	WHITE	W01	P20-09		N85	C141-02		J		
1741	22 AWG	WHITE	W01	P20-10		N85	C142-02		J		
1647	22 AWG	WHITE	W01	P21-03		N84	C48-02		J		
1648	22 AWG	WHITE	W01	P21-04		N84	C49-02		J		
1646	22 AWG	WHITE	W01	P21-05		N84	C47-02		J		
1649	22 AWG	WHITE	W01	P21-08		N84	C50-02		J		
1652	22 AWG	WHITE	W01	P21-09		N84	C53-02		J		
1653	22 AWG	WHITE	W01	P21-10		N84	C54-02		J		
1637	22 AWG	WHITE	W01	P22-01		N85	C38-02		J		
1636	22 AWG	WHITE	W01	P22-02		N85	C37-02		J		
1638	22 AWG	WHITE	W01	P22-03		N85	C39-02		J		
1644	22 AWG	WHITE	W01	P22-04		N85	C45-02		J		
1643	22 AWG	WHITE	W01	P22-05		N85	C44-02		J		
1641	22 AWG	WHITE	W01	P22-06		N85	C42-02		J		
1642	22 AWG	WHITE	W01	P22-07		N85	C43-02		J		
1645	22 AWG	WHITE	W01	P22-08		N85	C46-02		J		
1640	22 AWG	WHITE	W01	P22-09		N85	C41-02		J		
1639	22 AWG	WHITE	W01	P22-10		N85	C40-02		J		
1609	22 AWG	WHITE	W01	P23-01		N85	C10-02		J		
1608	22 AWG	WHITE	W01	P23-02		N85	C9-02		J		
1607	22 AWG	WHITE	W01	P23-03		N85	C8-02		J		
1606	22 AWG	WHITE	W01	P23-04		N85	C7-02		J		
1605	22 AWG	WHITE	W01	P23-05		N85	C6-02		J		
1604	22 AWG	WHITE	W01	P23-06		N85	C5-02		J		
1603	22 AWG	WHITE	W01	P23-07		N85	C4-02		J		
1602	22 AWG	WHITE	W01	P23-08		N85	C3-02		J		
1601	22 AWG	WHITE	W01	P23-09		N85	C2-02		J		
1600	22 AWG	WHITE	W01	P23-10		N85	C1-02		J		
1671	22 AWG	WHITE	W01	P24-01		N84	C72-02		J		
1670	22 AWG	WHITE	W01	P24-02		N84	C71-02		J		
1666	22 AWG	WHITE	W01	P24-03		N84	C67-02		J		
1667	22 AWG	WHITE	W01	P24-04		N84	C68-02		J		
1747	22 AWG	WHITE	W01	P24-07		N84	C154-02		J		
1664	22 AWG	WHITE	W01	P24-08		N84	C65-02		J		
1665	22 AWG	WHITE	W01	P24-09		N84	C66-02		J		
1651	22 AWG	WHITE	W01	P24-10		N84	C70-02		J		
1705	22 AWG	WHITE	W01	P25-01		N85	C106-02		J		
1706	22 AWG	WHITE	W01	P25-02		N85	C107-02		J		
1703	22 AWG	WHITE	W01	P25-03		N85	C104-02		J		
1704	22 AWG	WHITE	W01	P25-04		N85	C105-02		J		
1707	22 AWG	WHITE	W01	P25-05		N85	C108-02		J		
1701	22 AWG	WHITE	W01	P25-06		N85	C102-02		J		
1702	22 AWG	WHITE	W01	P25-07		N85	C103-02		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 8 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
1700	22 AWG	WHITE	W01	P25-08		N85	C101-02		J		
1878	22 AWG	WHITE	W01	P25-09		N84	C157-02		J		
1610	22 AWG	WHITE	W01	P26-01		N84	C11-02		J		
1617	22 AWG	WHITE	W01	P26-02		N84	C18-02		J		
1614	22 AWG	WHITE	W01	P26-04		N84	C15-02		J		
1615	22 AWG	WHITE	W01	P26-05		N84	C16-02		J		
1616	22 AWG	WHITE	W01	P26-06		N84	C17-02		J		
1613	22 AWG	WHITE	W01	P26-07		N84	C14-02		J		
1612	22 AWG	WHITE	W01	P26-08		N84	C13-02		J		
1611	22 AWG	WHITE	W01	P26-09		N84	C12-02		J		
1856	22 AWG	WHITE	W01	P27-01		N85	C186-02		J		
1857	22 AWG	WHITE	W01	P27-02		N85	C187-02		J		
1858	22 AWG	WHITE	W01	P27-03		N85	C188-02		J		
1859	22 AWG	WHITE	W01	P27-04		N85	C189-02		J		
1860	22 AWG	WHITE	W01	P27-05		N85	C190-02		J		
1861	22 AWG	WHITE	W01	P27-06		N85	C191-02		J		
1862	22 AWG	WHITE	W01	P28-01		N85	C199-02		J	ADL CNTRL	
1863	22 AWG	WHITE	W19	P28-05		N85	J3-C		J	REVERSE POWER SAMPLE	
1865	22 AWG	WHITE	W19	P28-07		N85	J1-C		J	INPUT POWER SAMPLE	
1867	22 AWG	WHITE	W19	P28-09		N85	J2-C		J	FORWARD POWER SAMPLE	
1868	22 AWG	WHITE	W01	P28-10		N85	AT3-CONTROL		J	ATTENUATION CONTROL	
1750	22 AWG	WHITE	W01	S1A-01		J	P2-05		N85		
1751	22 AWG	WHITE	W01	S1A-02		J	P2-06		N85		
1752	22 AWG	WHITE	W01	S1A-03		J	P2-07		N85		
JMPR	22 AWG	BUS	W38	S1A-04		J	S1-LUG		J		
JMPR	22 AWG	BUS	W38	S1A-04		J	S1A-05		J		
JMPR	22 AWG	BUS	W38	S1A-05		J	S1A-04		J		
JMPR	22 AWG	BUS	W38	S1A-05		J	S1A-06		J		
JMPR	22 AWG	BUS	W38	S1A-06		J	S1A-05		J		
JMPR	22 AWG	BUS	W38	S1A-06		J	S1B-07		J		
1754	22 AWG	WHITE	W01	S1A-07		J	P2-08		N85		
1755	22 AWG	WHITE	W01	S1A-08		J	P2-09		N85		
1756	22 AWG	WHITE	W01	S1A-09		J	P2-10		N85		
1757	22 AWG	WHITE	W01	S1A-10		J	P1-10		N85		
1758	22 AWG	WHITE	W01	S1A-C1		J	P01-01		N85		
1759	22 AWG	WHITE	W01	S1B-01		J	P17-04		N85		
1760	22 AWG	WHITE	W01	S1B-02		J	P17-05		N85		
1761	22 AWG	WHITE	W01	S1B-03		J	P17-06		N85		
1762	22 AWG	WHITE	W01	S1B-04		J	P17-07		N85		
1763	22 AWG	WHITE	W01	S1B-05		J	P17-08		N85		
1764	22 AWG	WHITE	W01	S1B-06		J	P17-09		N85		
JMPR	22 AWG	BUS	W38	S1B-07		J	S1A-06		J		
JMPR	22 AWG	BUS	W38	S1B-07		J	S1B-08		J		
JMPR	22 AWG	BUS	W38	S1B-08		J	S1B-07		J		
JMPR	22 AWG	BUS	W38	S1B-08		J	S1B-09		J		
JMPR	22 AWG	BUS	W38	S1B-09		J	S1B-08		J		
JMPR	22 AWG	BUS	W38	S1B-09		J	S1B-10		J		
JMPR	22 AWG	BUS	W38	S1B-10		J	S1B-09		J		
1766	22 AWG	WHITE	W01	S1B-C1		J	P1-02		N85		
JMPR	22 AWG	BUS	W38	S1-LUG		J	S1A-04		J		
JMPR	22 AWG	WHITE	W01	S1-LUG		J	XDS1-01		N64		
1767	22 AWG	WHITE	W01	S2A-01		J	P3-08		N85		
1768	22 AWG	WHITE	W01	S2A-02		J	P3-09		N85		
1769	22 AWG	WHITE	W01	S2A-03		J	P3-10		N85		
1770	22 AWG	WHITE	W01	S2A-04		J	P1-07		N85		
1771	22 AWG	WHITE	W01	S2A-05		J	P1-08		N85		
1772	22 AWG	WHITE	W01	S2A-06		J	P01-09		N85		
JMPR	22 AWG	BUS	W38	S2A-07		J	S2B-06		J		
JMPR	22 AWG	BUS	W38	S2A-07		J	S2A-08		J		
JMPR	22 AWG	BUS	W38	S2A-08		J	S2A-07		J		
JMPR	22 AWG	BUS	W38	S2A-08		J	S2A-09		J		
JMPR	22 AWG	BUS	W38	S2A-09		J	S2A-08		J		
JMPR	22 AWG	BUS	W38	S2A-09		J	S2A-10		J		
JMPR	22 AWG	BUS	W38	S2A-10		J	S2A-09		J		
JMPR	22 AWG	WHITE	W01	S2A-10		J	S2B-11		J		
1774	22 AWG	WHITE	W01	S2A-C1		J	P02-04		N85		
1775	22 AWG	WHITE	W01	S2A-11		J	P01-05		N85		
1776	22 AWG	WHITE	W01	S2B-01		J	P03-02		N85		
1777	22 AWG	WHITE	W01	S2B-02		J	P03-03		N85		
1778	22 AWG	WHITE	W01	S2B-03		J	P03-04		N85		
JMPR	22 AWG	BUS	W38	S2B-04		J	S2-LUG		J		
JMPR	22 AWG	BUS	W38	S2B-04		J	S2B-05		J		
JMPR	22 AWG	BUS	W38	S2B-05		J	S2B-04		J		
JMPR	22 AWG	BUS	W38	S2B-05		J	S2B-06		J		
JMPR	22 AWG	BUS	W38	S2B-06		J	S2B-05		J		
JMPR	22 AWG	BUS	W38	S2B-06		J	S2A-07		J		
1779	22 AWG	WHITE	W01	S2B-07		J	P3-01		N85		
1780	22 AWG	WHITE	W01	S2B-08		J	P1-04		N85		
1781	22 AWG	WHITE	W01	S2B-09		J	P1-06		N85		
1782	22 AWG	WHITE	W01	S2B-10		J	P1-03		N85		
JMPR	22 AWG	BUS	W38	S2B-11		J	S2A-10		J		
1784	22 AWG	WHITE	W01	S2B-C1		J	P2-03		N85		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 9 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	BUS	W38	S2-LUG		J	S2B-04		J		
1804	22 AWG	WHITE	W01	S13A-01		J	XDS26-18		N64	2 WIRES IN XDS26-18(SEE P9-3)	
1807	22 AWG	WHITE	W01	S13A-02		J	P10-01		N85		
1808	22 AWG	WHITE	W01	S13A-C1		J	E4		J		
JMPR	22 AWG	BUS	W38	S13A-03		J	S13C-04		J		
1854	22 AWG	WHITE	W01	S13A-03		J	XDS27-01		N64	2 WIRES IN XDS27-1(SEE XDS26-1)	
JMPR	22 AWG	BUS	W38	S13A-04		J	S13B-C2		J		
1810	22 AWG	WHITE	W01	S13A-04		J	C205-02		J		
1811	22 AWG	WHITE	W01	S13A-C2		J	P9-08		N85		
1791	22 AWG	WHITE	W01	S13A-05		J	XDS19-17		N64	2 WIRES IN XDS19-17(SEE P9-4)	
1812	22 AWG	WHITE	W01	S13A-06		J	P9-09		N85		
1813	22 AWG	WHITE	W01	S13A-C3		J	P9-07		N85		
1814	22 AWG	WHITE	W01	S13B-01		J	P10-09		N85		
1815	22 AWG	WHITE	W01	S13B-02		J	P10-10		N85		
JMPR	22 AWG	BUS	W38	S13B-C1		J	S13C-03		J		
1799	22 AWG	WHITE	W01	S13B-C1		J	XDS25-12		N64	2 WIRES ON XDS25-12(SEE XDS24-12)	
1816	22 AWG	WHITE	W01	S13B-03		J	P3-06		J		
JMPR	22 AWG	BUS	W38	S13B-C2		J	S13A-04		J		
1650	22 AWG	WHITE	W01	S13B-04		J	C69-02		J		
1817	22 AWG	WHITE	W01	S13B-05		J	P3-07		N85		
JMPR	22 AWG	BUS	W38	S13B-C3		J	S13C-04		J		
1818	22 AWG	WHITE	W01	S13C-01		J	C140-02		J		
1819	22 AWG	WHITE	W01	S13C-02		J	C138-2		J		
1820	22 AWG	WHITE	W01	S13C-C1		J	XDS14-25		N63		
JMPR	22 AWG	BUS	W38	S13C-03		J	S13B-C1		J		
JMPR	22 AWG	BUS	W38	S13C-04		J	S13B-C3		J		
JMPR	22 AWG	BUS	W38	S13C-04		J	S13A-03		J		
1821	22 AWG	WHITE	W01	S13C-C2	08		P10-02		N85		
JMPR	22 AWG	WHITE	W01	TB1-01	08		C1-1		J		
JMPR	22 AWG	WHITE	W01	TB1-02	08		C2-01		J		
JMPR	22 AWG	WHITE	W01	TB1-03	08		C3-01		J		
JMPR	22 AWG	WHITE	W01	TB1-04	08		C4-01		J		
JMPR	22 AWG	WHITE	W01	TB1-05	08		C5-01		J		
JMPR	22 AWG	WHITE	W01	TB1-06	08		C6-01		J		
JMPR	22 AWG	WHITE	W01	TB1-07	08		C7-01		J		
JMPR	22 AWG	WHITE	W01	TB1-08	08		C8-01		J		
JMPR	22 AWG	WHITE	W01	TB1-09	08		C9-01		J		
JMPR	22 AWG	WHITE	W01	TB1-10	08		C10-01		J		
JMPR	22 AWG	WHITE	W01	TB1-11	08		C11-01		J		
JMPR	22 AWG	WHITE	W01	TB1-12	08		C12-01		J		
JMPR	22 AWG	WHITE	W01	TB1-13	08		C13-01		J		
JMPR	22 AWG	WHITE	W01	TB1-14	08		C14-01		J		
JMPR	22 AWG	WHITE	W01	TB1-15	08		C15-01		J		
JMPR	22 AWG	WHITE	W01	TB1-16	08		C16-01		J		
JMPR	22 AWG	WHITE	W01	TB1-17	08		C17-01		J		
JMPR	22 AWG	WHITE	W01	TB1-18	08		C18-01		J		
JMPR	22 AWG	WHITE	W01	TB1-19	08		C147-01		J		
JMPR	22 AWG	WHITE	W01	TB1-20	08		C148-01		J		
JMPR	22 AWG	WHITE	W01	TB2-01	08		C19-1		J		
JMPR	22 AWG	WHITE	W01	TB2-02	08		C20-01		J		
JMPR	22 AWG	WHITE	W01	TB2-03	08		C21-01		J		
JMPR	22 AWG	WHITE	W01	TB2-04	08		C22-01		J		
JMPR	22 AWG	WHITE	W01	TB2-05	08		C23-01		J		
JMPR	22 AWG	WHITE	W01	TB2-06	08		C24-01		J		
JMPR	22 AWG	WHITE	W01	TB2-07	08		C25-01		J		
JMPR	22 AWG	WHITE	W01	TB2-08	08		C26-01		J		
JMPR	22 AWG	WHITE	W01	TB2-09	08		C27-01		J		
JMPR	22 AWG	WHITE	W01	TB2-10	08		C28-01		J		
JMPR	22 AWG	WHITE	W01	TB2-11	08		C29-01		J		
JMPR	22 AWG	WHITE	W01	TB2-12	08		C30-01		J		
JMPR	22 AWG	WHITE	W01	TB2-13	08		C31-01		J		
JMPR	22 AWG	WHITE	W01	TB2-14	08		C32-01		J		
JMPR	22 AWG	WHITE	W01	TB2-15	08		C33-01		J		
JMPR	22 AWG	WHITE	W01	TB2-16	08		C34-01		J		
JMPR	22 AWG	WHITE	W01	TB2-17	08		C35-01		J		
JMPR	22 AWG	WHITE	W01	TB2-18	08		C36-01		J		
JMPR	22 AWG	WHITE	W01	TB2-19	08		C149-01		J		
JMPR	22 AWG	WHITE	W01	TR2-20	08		C150-01		J		
JMPR	22 AWG	WHITE	W01	TB3-01	08		C37-1		J		
JMPR	22 AWG	WHITE	W01	TB3-02	08		C38-01		J		
JMPR	22 AWG	WHITE	W01	TB3-03	08		C39-01		J		
JMPR	22 AWG	WHITE	W01	TB3-04	08		C40-01		J		
JMPR	22 AWG	WHITE	W01	TB3-05	08		C41-01		J		
JMPR	22 AWG	WHITE	W01	TB3-06	08		C42-01		J		
JMPR	22 AWG	WHITE	W01	TB3-07	08		C43-01		J		
JMPR	22 AWG	WHITE	W01	TB3-08	08		C44-01		J		
JMPR	22 AWG	WHITE	W01	TB3-09	08		C45-01		J		
JMPR	22 AWG	WHITE	W01	TB3-10	08		C46-01		J		
JMPR	22 AWG	WHITE	W01	TB3-11	08		C47-01		J		
JMPR	22 AWG	WHITE	W01	TB3-12	08		C48-01		J		
JMPR	22 AWG	WHITE	W01	TB3-13	08		C49-01		J		
JMPR	22 AWG	WHITE	W01	TB3-14	08		C50-01		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 10 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	TB3-15	08		C51-01		J		
JMPR	22 AWG	WHITE	W01	TB3-16	08		C52-01		J		
JMPR	22 AWG	WHITE	W01	TB3-17	08		C53-01		J		
JMPR	22 AWG	WHITE	W01	TB3-18	08		C54-01		J		
JMPR	22 AWG	WHITE	W01	TB3-19	08		C151-01		J		
JMPR	22 AWG	WHITE	W01	TB3-20	08		C152-01		J		
JMPR	22 AWG	WHITE	W01	TB4-01	08		C55-1		J		
JMPR	22 AWG	WHITE	W01	TB4-02	08		C56-01		J		
JMPR	22 AWG	WHITE	W01	TB4-03	08		C57-01		J		
JMPR	22 AWG	WHITE	W01	TB4-04	08		C58-01		J		
JMPR	22 AWG	WHITE	W01	TB4-05	08		C59-01		J		
JMPR	22 AWG	WHITE	W01	TB4-06	08		C60-01		J		
JMPR	22 AWG	WHITE	W01	TB4-07	08		C61-01		J		
JMPR	22 AWG	WHITE	W01	TB4-08	08		C62-01		J		
JMPR	22 AWG	WHITE	W01	TB4-09	08		C63-01		J		
JMPR	22 AWG	WHITE	W01	TB4-10	08		C64-01		J		
JMPR	22 AWG	WHITE	W01	TB4-11	08		C65-01		J		
JMPR	22 AWG	WHITE	W01	TB4-12	08		C66-01		J		
JMPR	22 AWG	WHITE	W01	TB4-13	08		C67-01		J		
JMPR	22 AWG	WHITE	W01	TB4-14	08		C68-01		J		
JMPR	22 AWG	WHITE	W01	TB4-15	08		C69-01		J		
JMPR	22 AWG	WHITE	W01	TB4-16	08		C70-01		J		
JMPR	22 AWG	WHITE	W01	TB4-17	08		C71-01		J		
JMPR	22 AWG	WHITE	W01	TB4-18	08		C72-01		J		
JMPR	22 AWG	WHITE	W01	TB4-19	08		C153-01		J		
JMPR	22 AWG	WHITE	W01	TB4-20	08		C154-01		J		
JMPR	22 AWG	WHITE	W01	TB5-01	08		C73-1		J		
JMPR	22 AWG	WHITE	W01	TB5-02	08		C74-01		J		
JMPR	22 AWG	WHITE	W01	TB5-03	08		C75-01		J		
JMPR	22 AWG	WHITE	W01	TB5-04	08		C76-01		J		
JMPR	22 AWG	WHITE	W01	TB5-05	08		C77-01		J		
JMPR	22 AWG	WHITE	W01	TB5-06	08		C78-01		J		
JMPR	22 AWG	WHITE	W01	TB5-07	08		C79-01		J		
JMPR	22 AWG	WHITE	W01	TB5-08	08		C80-01		J		
JMPR	22 AWG	WHITE	W01	TB5-09	08		C81-01		J		
JMPR	22 AWG	WHITE	W01	TB5-10	08		C82-01		J		
JMPR	22 AWG	WHITE	W01	TB5-11	08		C83-01		J		
JMPR	22 AWG	WHITE	W01	TB5-12	08		C84-01		J		
JMPR	22 AWG	WHITE	W01	TB5-13	08		C85-01		J		
JMPR	22 AWG	WHITE	W01	TB5-14	08		C86-01		J		
JMPR	22 AWG	WHITE	W01	TB5-15	08		C87-01		J		
JMPR	22 AWG	WHITE	W01	TB5-16	08		C88-01		J		
JMPR	22 AWG	WHITE	W01	TB5-17	08		C89-01		J		
JMPR	22 AWG	WHITE	W01	TB5-18	08		C90-01		J		
JMPR	22 AWG	WHITE	W01	TB5-19	08		C155-01		J		
JMPR	22 AWG	WHITE	W01	TB5-20	08		C156-01		J		
JMPR	22 AWG	WHITE	W01	TB6-01	08		C91-1		J		
JMPR	22 AWG	WHITE	W01	TB6-02	08		C92-01		J		
JMPR	22 AWG	WHITE	W01	TB6-03	08		C93-01		J		
JMPR	22 AWG	WHITE	W01	TB6-04	08		C94-01		J		
JMPR	22 AWG	WHITE	W01	TB6-05	08		C95-01		J		
JMPR	22 AWG	WHITE	W01	TB6-06	08		C96-01		J		
JMPR	22 AWG	WHITE	W01	TB6-07	08		C97-01		J		
JMPR	22 AWG	WHITE	W01	TB6-08	08		C98-01		J		
JMPR	22 AWG	WHITE	W01	TB6-09	08		C99-01		J		
JMPR	22 AWG	WHITE	W01	TB6-10	08		C100-01		J		
JMPR	22 AWG	WHITE	W01	TB6-11	08		C101-01		J		
JMPR	22 AWG	WHITE	W01	TB6-12	08		C102-01		J		
JMPR	22 AWG	WHITE	W01	TB6-13	08		C103-01		J		
JMPR	22 AWG	WHITE	W01	TB6-14	08		C104-01		J		
JMPR	22 AWG	WHITE	W01	TB6-15	08		C105-01		J		
JMPR	22 AWG	WHITE	W01	TB6-16	08		C106-01		J		
JMPR	22 AWG	WHITE	W01	TB6-17	08		C107-01		J		
JMPR	22 AWG	WHITE	W01	TB6-18	08		C108-01		J		
JMPR	22 AWG	WHITE	W01	TB6-19	08		C157-01		J		
JMPR	22 AWG	WHITE	W01	TB6-20	08		C158-01		J		
JMPR	22 AWG	WHITE	W01	TB7-01	08		C109-1		J		
JMPR	22 AWG	WHITE	W01	TB7-02	08		C110-01		J		
JMPR	22 AWG	WHITE	W01	TB7-03	08		C111-01		J		
JMPR	22 AWG	WHITE	W01	TB7-04	08		C112-01		J		
JMPR	22 AWG	WHITE	W01	TB7-05	08		C113-01		J		
JMPR	22 AWG	WHITE	W01	TB7-06	08		C114-01		J		
JMPR	22 AWG	WHITE	W01	TB7-07	08		C115-01		J		
JMPR	22 AWG	WHITE	W01	TB7-08	08		C116-01		J		
JMPR	22 AWG	WHITE	W01	TB7-09	08		C117-01		J		
JMPR	22 AWG	WHITE	W01	TB7-12	08		C120-01		J		
JMPR	22 AWG	WHITE	W01	TB7-13	08		C121-01		J		
JMPR	22 AWG	WHITE	W01	TB7-14	08		C122-01		J		
JMPR	22 AWG	WHITE	W01	TB7-15	08		C123-01		J		
JMPR	22 AWG	WHITE	W01	TB7-16	08		C124-01		J		
JMPR	22 AWG	WHITE	W01	TB7-17	08		C125-01		J		
JMPR	22 AWG	WHITE	W01	TB7-18	08		C126-01		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 11 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
JMPR	22 AWG	WHITE	W01	TB7-19	08		C159-01		J		
JMPR	22 AWG	WHITE	W01	TB7-20	08		C160-01		J		
JMPR	22 AWG	WHITE	W01	TB8-01	08		C127-1		J		
JMPR	22 AWG	WHITE	W01	TB8-02	08		C128-01		J		
JMPR	22 AWG	WHITE	W01	TB8-03	08		C129-01		J		
JMPR	22 AWG	WHITE	W01	TB8-04	08		C130-01		J		
JMPR	22 AWG	WHITE	W01	TB8-05	08		C131-01		J		
JMPR	22 AWG	WHITE	W01	TB8-06	08		C132-01		J		
JMPR	22 AWG	WHITE	W01	TB8-07	08		C133-01		J		
JMPR	22 AWG	WHITE	W01	TB8-08	08		C134-01		J		
JMPR	22 AWG	WHITE	W01	TB8-09	08		C135-01		J		
JMPR	22 AWG	WHITE	W01	TB8-10	08		C136-01		J		
JMPR	22 AWG	WHITE	W01	TB8-11	08		C137-01		J		
JMPR	22 AWG	WHITE	W01	TB8-12	08		C138-01		J		
JMPR	22 AWG	WHITE	W01	TB8-13	08		C139-01		J		
JMPR	22 AWG	WHITE	W01	TB8-14	08		C140-01		J		
JMPR	22 AWG	WHITE	W01	TB8-15	08		C141-01		J		
JMPR	22 AWG	WHITE	W01	TB8-16	08		C142-01		J		
JMPR	22 AWG	WHITE	W01	TB8-17	08		C143-01		J		
JMPR	22 AWG	WHITE	W01	TB8-18	08		C144-01		J		
JMPR	22 AWG	WHITE	W01	TB8-19	08		C145-01		J		
JMPR	22 AWG	WHITE	W01	TB8-20	08		C146-01		J		
1783	22 AWG	WHITE	W01	XDS1-01		N64	S1-LUG		J	2 WIRES IN XDS1-1(SEE XDS2-1)	
JMPR	22 AWG	WHITE	W01	XDS1-01			XDS2-1			2 WIRES IN XDS1-1 & XDS2-1	
1826	22 AWG	WHITE	W01	XDS1-25		N63	P6-07		N85		
JMPR	22 AWG	WHITE	W01	XDS2-01		N64	XDS1-1			2 WIRES IN XDS2-1	
JMPR	22 AWG	WHITE	W01	XDS2-01			XDS3-1			2 WIRES IN XDS2-1	
1827	22 AWG	WHITE	W01	XDS2-25		N63	P6-09		N85		
JMPR	22 AWG	WHITE	W01	XDS3-01		N64	XDS2-1			2 WIRES IN XDS3-1	
JMPR	22 AWG	WHITE	W01	XDS3-01			XDS4-1			2 WIRES IN XDS3-1	
1828	22 AWG	WHITE	W01	XDS3-25		N63	P6-10		N85		
JMPR	22 AWG	WHITE	W01	XDS4-01		N64	XDS3-1			2 WIRES IN XDS4-1	
JMPR	22 AWG	WHITE	W01	XDS4-01			XDS5-1			2 WIRES IN XDS4-1	
1829	22 AWG	WHITE	W01	XDS4-25		N63	P6-05		N85		
JMPR	22 AWG	WHITE	W01	XDS5-01		N64	XDS4-1			2 WIRES IN XDS5-1	
JMPR	22 AWG	WHITE	W01	XDS5-01			XDS6-1			2 WIRES IN XDS5-1	
1830	22 AWG	WHITE	W01	XDS5-25		N63	P6-08		N85		
JMPR	22 AWG	WHITE	W01	XDS6-01		N64	XDS5-1			2 WIRES IN XDS6-1	
JMPR	22 AWG	WHITE	W01	XDS6-01			XDS7-1			2 WIRES IN XDS6-1	
1831	22 AWG	WHITE	W01	XDS6-25		N63	P6-06		N85		
JMPR	22 AWG	WHITE	W01	XDS7-01		N64	XDS6-1			2 WIRES IN XDS7-1	
JMPR	22 AWG	WHITE	W01	XDS7-01			XDS8-1			2 WIRES IN XDS7-1	
1832	22 AWG	WHITE	W01	XDS7-25		N63	P6-03		N85		
JMPR	22 AWG	WHITE	W01	XDS8-01		N64	XDS7-1			2 WIRES IN XDS8-1	
JMPR	22 AWG	WHITE	W01	XDS8-01			XDS9-1			2 WIRES IN XDS8-1	
1833	22 AWG	WHITE	W01	XDS8-25		N63	P6-04		N85		
JMPR	22 AWG	WHITE	W01	XDS9-01		N64	XDS8-1			2 WIRES IN XDS9-1	
JMPR	22 AWG	WHITE	W01	XDS9-01			XDS10-1			2 WIRES IN XDS9-1	
1834	22 AWG	WHITE	W01	XDS9-25		N63	P6-02		N85		
JMPR	22 AWG	WHITE	W01	XDS10-01		N64	XDS9-1			2 WIRES IN XDS10-1	
JMPR	22 AWG	WHITE	W01	XDS10-01			XDS11-1			2 WIRES IN XDS10-1	
1835	22 AWG	WHITE	W01	XDS10-25		N63	P8-01		N85		
JMPR	22 AWG	WHITE	W01	XDS11-01		N64	XDS10-1			2 WIRES IN XDS11-1	
JMPR	22 AWG	WHITE	W01	XDS11-01			XDS12-1			2 WIRES IN XDS11-1	
1836	22 AWG	WHITE	W01	XDS11-25		N63	P8-02		N85		
JMPR	22 AWG	WHITE	W01	XDS12-01		N64	XDS11-1			2 WIRES IN XDS12-1	
JMPR	22 AWG	WHITE	W01	XDS12-01			XDS13-1			2 WIRES IN XDS12-1	
1837	22 AWG	WHITE	W01	XDS12-25		N63	P8-04		N85		
JMPR	22 AWG	WHITE	W01	XDS13-01		N64	XDS12-1			2 WIRES IN XDS13-1	
1842	22 AWG	WHITE	W01	XDS13-01			XDS17-1		N85	2 WIRES IN XDS13-1	
1839	22 AWG	WHITE	W01	XDS13-25		N63	P8-03		N85		
1840	22 AWG	WHITE	W01	XDS14-05		N64	P8-10		N85		
1841	22 AWG	WHITE	W01	XDS14-01			P8-09		N85		
1820	22 AWG	WHITE	W01	XDS14-25		N63	S13C-C1		J		
1713	22 AWG	WHITE	W01	XDS16-01		N63	C203-1		J		
JMPR	22 AWG	WHITE	W01	XDS16-25		N63	XDS29-16		N63		
1842	22 AWG	WHITE	W01	XDS17-01		N64	XDS13-1			2 WIRES IN XDS17-1	
JMPR	22 AWG	WHITE	W01	XDS17-01			XDS17-13			2 WIRES IN XDS17-1	
1785	22 AWG	WHITE	W01	XDS17-08		N64	XDS20-12		J		
1786	22 AWG	WHITE	W01	XDS17-08			P10-8		N85	+15V SWITCH,2 WIRES IN XDS17-8	
JMPR	22 AWG	WHITE	W01	XDS17-13		N64	XDS18-01			2 WIRES IN XDS17-13	
JMPR	22 AWG	WHITE	W01	XDS17-13			XDS17-01			2 WIRES IN XDS17-13	
1792	22 AWG	WHITE	W01	XDS17-18		N63	P10-03		N85		
1844	22 AWG	WHITE	W01	XDS17-25		N63	P12-01		N85		
JMPR	22 AWG	WHITE	W01	XDS18-01		N64	XDS17-13			2 WIRES IN XDS18-1	
JMPR	22 AWG	WHITE	W01	XDS18-01			XDS19-1			2 WIRES IN XDS18-1	
1845	22 AWG	WHITE	W01	XDS18-25		N63	P12-04		N85		
JMPR	22 AWG	WHITE	W01	XDS19-01		N64	XDS18-1			2 WIRES IN XDS19-1	
JMPR	22 AWG	WHITE	W01	XDS19-01			XDS20-1		J	2 WIRES IN XDS19-1	
1788	22 AWG	WHITE	W01	XDS19-07		N64	P9-02		N85	2 WIRES IN XDS19-7	
1789	22 AWG	WHITE	W01	XDS19-07		N63	XDS26-12			2 WIRES IN XDS19-7	
1790	22 AWG	WHITE	W01	XDS19-17		N64	P9-04		N85	2 WIRES IN XDS19-17	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 12 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
1791	22 AWG	WHITE	W01	XDS19-17			S13A-05			2 WIRES IN XDS19-17	
1846	22 AWG	WHITE	W01	XDS19-25		N63	P12-05		N85		
JMPR	22 AWG	WHITE	W01	XDS20-01		N64	XDS19-1			2 WIRES IN XDS20-1	
JMPR	22 AWG	WHITE	W01	XDS20-01			XDS20-07			2 WIRES IN XDS20-1	
JMPR	22 AWG	WHITE	W01	XDS20-07		N64	XDS20-01			2 WIRES IN XDS20-7	
JMPR	22 AWG	WHITE	W01	XDS20-07			XDS21-01			2 WIRES IN XDS20-7	
1785	22 AWG	WHITE	W01	XDS20-12		N64	XDS17-08			2 WIRES IN XDS20-12	
JMPR	22 AWG	WHITE	W01	XDS20-12			XDS21-12			2 WIRES IN XDS20-12	
1793	22 AWG	WHITE	W01	XDS20-17		N63	P12-06		N85		
1847	22 AWG	WHITE	W01	XDS20-25		N63	P13-04		N85		
JMPR	22 AWG	WHITE	W01	XDS21-01		N64	XDS20-07			2 WIRES IN XDS21-1	
JMPR	22 AWG	WHITE	W01	XDS21-01			XDS21-07			2 WIRES IN XDS21-1	
JMPR	22 AWG	WHITE	W01	XDS21-07		N64	XDS21-01			2 WIRES IN XDS21-7	
JMPR	22 AWG	WHITE	W01	XDS21-07			XDS22-01			2 WIRES IN XDS21-7	
JMPR	22 AWG	WHITE	W01	XDS21-12		N64	XDS20-12			2 WIRES IN XDS21-12	
JMPR	22 AWG	WHITE	W01	XDS21-12			XDS22-12			2 WIRES IN XDS21-12	
1794	22 AWG	WHITE	W01	XDS21-17		N63	P12-07		N85		
1848	22 AWG	WHITE	W01	XDS21-05		N63	P13-05		N85		
JMPR	22 AWG	WHITE	W01	XDS22-01		N64	XDS21-07			2 WIRES IN XDS22-1	
JMPR	22 AWG	WHITE	W01	XDS22-01			XDS22-07			2 WIRES IN XDS22-1	
JMPR	22 AWG	WHITE	W01	XDS22-07		N63	XDS22-01			2 WIRES IN XDS22-7	
JMPR	22 AWG	WHITE	W01	XDS22-07			XDS23-01			2 WIRES IN XDS22-7	
JMPR	22 AWG	WHITE	W01	XDS22-12		N63	XDS21-12			2 WIRES IN XDS22-12	
JMPR	22 AWG	WHITE	W01	XDS22-12			XDS23-12			2 WIRES IN XDS22-12	
1795	22 AWG	WHITE	W01	XDS22-17		N64	P12-08		N85	2 WIRES IN XDS22-17	
1849	22 AWG	WHITE	W01	XDS22-25			P13-06		N85	2 WIRES IN XDS22-17	
JMPR	22 AWG	WHITE	W01	XDS23-01		N64	XDS22-07			2 WIRES IN XDS23-1	
JMPR	22 AWG	WHITE	W01	XDS23-01			XDS23-07			2 WIRES IN XDS23-1	
JMPR	22 AWG	WHITE	W01	XDS23-07		N64	XDS23-01			2 WIRES IN XDS23-7	
JMPR	22 AWG	WHITE	W01	XDS23-07			XDS24-01			2 WIRES IN XDS23-7	
JMPR	22 AWG	WHITE	W01	XDS23-12		N64	XDS22-12			2 WIRES IN XDS23-12	
JMPR	22 AWG	WHITE	W01	XDS23-12			XDS24-12			2 WIRES IN XDS23-12	
1796	22 AWG	WHITE	W01	XDS23-17		N63	P12-09		N85		
1850	22 AWG	WHITE	W01	XDS23-25		N63	P13-07		N85		
JMPR	22 AWG	WHITE	W01	XDS24-01		N64	XDS23-07			2 WIRES IN XDS24-1	
JMPR	22 AWG	WHITE	W01	XDS24-01			XDS24-07			2 WIRES IN XDS24-1	
JMPR	22 AWG	WHITE	W01	XDS24-07		N64	XDS24-01			2 WIRES IN XDS24-7	
JMPR	22 AWG	WHITE	W01	XDS24-07			XDS25-01			2 WIRES IN XDS24-7	
JMPR	22 AWG	WHITE	W01	XDS24-12		N64	XDS23-12			2 WIRES IN XDS24-12	
JMPR	22 AWG	WHITE	W01	XDS24-12			XDS25-12			2 WIRES IN XDS24-12	
1797	22 AWG	WHITE	W01	XDS24-17		N63	P12-10		N85		
1851	22 AWG	WHITE	W01	XDS24-25		N63	P13-08		N85		
JMPR	22 AWG	WHITE	W01	XDS25-01		N64	XDS24-07			2 WIRES IN XDS25-1	
JMPR	22 AWG	WHITE	W01	XDS25-01			XDS25-07			2 WIRES IN XDS25-1	
JMPR	22 AWG	WHITE	W01	XDS25-07		N64	XDS25-01			2 WIRES IN XDS25-7	
JMPR	22 AWG	WHITE	W01	XDS25-07			XDS26-01			2 WIRES IN XDS25-7	
JMPR	22 AWG	WHITE	W01	XDS25-12		N64	XDS24-12			2 WIRES IN XDS25-12	
1799	22 AWG	WHITE	W01	XDS25-12		N64	S13B-C1		J	2 WIRES IN XDS25-12	
1800	22 AWG	WHITE	W01	XDS25-17		N63	P13-01		N85		
1852	22 AWG	WHITE	W01	XDS25-25		N63	P13-09		N85		
JMPR	22 AWG	WHITE	W01	XDS26-01		N64	XDS25-07			2 WIRES IN XDS26-1	
JMPR	22 AWG	WHITE	W01	XDS26-01			XDS27-1			2 WIRES IN XDS26-1	
1801	22 AWG	WHITE	W01	XDS26-08		N64	P9-10		N85	2 WIRES IN XDS26-8	
JMPR	22 AWG	WHITE	W01	XDS26-08			XDS28-17		N63	2 WIRES IN XDS26-8	
1789	22 AWG	WHITE	W01	XDS26-12		N63	XDS19-07			2 WIRES IN XDS19-7	
1802	22 AWG	WHITE	W01	XDS26-17		N63	P9-06		N85		
1803	22 AWG	WHITE	W01	XDS26-18		N64	P9-03		N85	2 WIRES IN XDS26-18	
1804	22 AWG	WHITE	W01	XDS26-18			S13A-01		J	2 WIRES IN XDS26-18	
1853	22 AWG	WHITE	W01	XDS26-25		N63	P12-02		N85		
JMPR	22 AWG	WHITE	W01	XDS27-01		N64	XDS26-1			2 WIRES IN XDS27-1	
1854	22 AWG	WHITE	W01	XDS27-01			S13A-03		J	2 WIRES IN XDS27-1	
1855	22 AWG	WHITE	W01	XDS27-25		N63	P12-03		N85		
1805	22 AWG	WHITE	W01	XDS28-12		N64	C67-02		N85	2 WIRES IN XDS28-12	
1806	22 AWG	WHITE	W01	XDS28-12			C205-02		J	2 WIRES IN XDS28-12	
JMPR	22 AWG	WHITE	W01	XDS28-17		N63	XDS26-08			2 WIRES IN XDS26-8	
JMPR	22 AWG	WHITE	W01	XDS29-01		N63	XDS29-18			2 WIRES IN XDS29-18	
JMPR	22 AWG	WHITE	W01	XDS29-06		N63	XDS29-25		N63		
1714	22 AWG	WHITE	W01	XDS29-07		N63	C204-01		J		
1715	22 AWG	WHITE	W01	XDS29-08		N63	C206-01		J		
JMPR	22 AWG	WHITE	W01	XDS29-16		N64	XDS16-25		N63	2 WIRES IN XDS29-16	
JMPR	22 AWG	WHITE	W01	XDS29-16			XDS29-17			2 WIRES IN XDS29-16	
JMPR	22 AWG	WHITE	W01	XDS29-17		N64	XDS29-16			2 WIRES IN XDS29-17	
1716	22 AWG	WHITE	W01	XDS29-17			C205-01			2 WIRES IN XDS29-17	
JMPR	22 AWG	WHITE	W01	XDS29-18		N64	XDS29-01		N63	2 WIRES IN XDS29-18	
JMPR	22 AWG	WHITE	W01	XDS29-18			C196 GND		N4		
JMPR	22 AWG	WHITE	W01	XDS29-25		N63	XDS29-06		N63		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-2. Panel, Control and Status, REV: N, WL.113367 (Sheet 13 of 13)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
01	16 AWG	WHITE	W16	TB1-01	15		R1-2		J	SH GND	SH OPEN
001	16 AWG	WHITE	W16	TB1-02	15		R1-3 (ARM)		J	SH GND	SH OPEN
0001	16 AWG	WHITE	W16	TB1-03	15		R1-1		J	SH GND	SH OPEN
02	18 AWG	WHITE	W03	TB1-04	01		S1-COM		J		
27	16 AWG	WHITE	W04	TB1-05	15		GND		J		
03	18 AWG	WHITE	W04	TB1-06	01		S1-NO		J		
04	16 AWG	WHITE	W04	TB1-07	15		T1-A1		J		
05	16 AWG	WHITE	W04	TB1-08	15		T1-B1		J		
06	16 AWG	WHITE	W04	TB1-09	15		T1-C1		J		
07	16 AWG	WHITE	W04	TB1-10	15		T1-C3		J		
08	16 AWG	WHITE	W04	TB1-11	15		T1-B3		J		
09	16 AWG	WHITE	W04	TB1-12	15		T1-A3		J		
10	16 AWG	WHITE	W04	TB1-14	15		T2-A1		J		
11	16 AWG	WHITE	W04	TB1-15	15		T2-B1		J		
12	16 AWG	WHITE	W04	TB1-16	15		T2-C1		J		
13	16 AWG	WHITE	W04	TB1-17	15		T2-C3		J		
14	16 AWG	WHITE	W04	TB1-18	15		T2-B3		J		
15	16 AWG	WHITE	W04	TB1-19	15		T2-A3		J		
	18 AWG	WHITE	W03	E1		J	R2-1 (CW)	08		JUMPER	
	18 AWG	WHITE	W03	E2		J	R2-3 ARM	08		JUMPER	
	18 AWG	WHITE	W03	E3		J	R2-2	08		JUMPER	
	18 AWG	WHITE	W03	E4		J	R3-1 (CW)	08		JUMPER	
	18 AWG	WHITE	W03	E5		J	R3-3 ARM	08		JUMPER	
	18 AWG	WHITE	W03	E6		J	R3-2	08		JUMPER	
	18 AWG	WHITE	W03	E7		J	R4-1 (CW)	08		JUMPER	
	18 AWG	WHITE	W03	E8		J	R4-3 ARM	08		JUMPER	
	18 AWG	WHITE	W03	E9		J	R4-1 2	08		JUMPER	
	18 AWG	WHITE	W03	T1-A2		J	T1-B2		J	JUMPER	
	18 AWG	WHITE	W03	T1-B2		J	T1-C2		J	JUMPER	
	18 AWG	WHITE	W03	T2-A2		J	T2-B2		J	JUMPER	
	18 AWG	WHITE	W03	T2-B2		J	T2-C2		J	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-3. Panel, Bias Adjust, REV: G, WL.113369

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
600	18 AWG	WHITE	W03	TB1-3	08		CB5-C	14			
601	18 AWG	WHITE	W03	TB1-4	08		CB7-NO	19			
602	18 AWG	WHITE	W03	TB1-7	08		CB1-C	37			
603	18 AWG	WHITE	W03	TB1-5	08		CB7-NC	19			
604	18 AWG	WHITE	W03	TB1-6	08		CB4-NO	06			
605	18 AWG	WHITE	W03	TB1-9	08		M1-1	06			
606	18 AWG	WHITE	W03	TB1-10	08		M1-2	06			
607	18 AWG	WHITE	W03	CB2-NO		J	CB3-C	06			
608	18 AWG	WHITE	W03	CB1-NC		J	CB2-NC	06			
609	18 AWG	WHITE	W03	CB2-NC		J	CB3-NC	06			
610	18 AWG	WHITE	W03	CB3-NC		J	CB4-NC	06			
611	18 AWG	WHITE	W03	CB4-NC		J	CB5-NC	14			
612	18 AWG	WHITE	W03	CB5-NC		J	CB6-NC	19			
613	18 AWG	WHITE	W03	CB6-NC		J	CB7-NC	19			
614	18 AWG	WHITE	W03	CB3-NO		J	CB4-C	06			
615	18 AWG	WHITE	W03	CB6-NO		J	CB7-C	19			
616	18 AWG	WHITE	W03	CB6-C		J	CB5-NO	19			
618	18 AWG	WHITE	W03	CB1-NO		J	CB2-C	06			
CR1				TB1-4(-)	08		TB1-7(+)	08		COMPONENT LEADS	
	18 AWG	WHITE	W03	TB1-9	08		TB1-11	08		JUMPER	
	8 AWG	WHITE	W13	CB7-1	35		CB6-1	35	B	JUMPER	
	8 AWG	WHITE	W13	CB6-1	35		CB5-1	35	B	JUMPER	
	8 AWG	WHITE	W13	CB5-1	35		CB2-1	35	B	JUMPER	
	8 AWG	WHITE	W13	CB2-1	35		CB3-1	35	B	JUMPER	
	8 AWG	WHITE	W13	CB3-1	35		CB4-1	35	B	JUMPER	
	8 AWG	WHITE	W13	CB7-3	35		CB6-3	35	B	JUMPER	
	8 AWG	WHITE	W13	CB6-3	35		CB5-3	35	B	JUMPER	
	8 AWG	WHITE	W13	CB5-3	35		CB2-3	35	B	JUMPER	
	8 AWG	WHITE	W13	CB2-3	35		CB3-3	35	B	JUMPER	
	8 AWG	WHITE	W13	CB3-3	35		CB4-3	35	B	JUMPER	
	8 AWG	WHITE	W13	CB7-5	35		CB6-5	35	B	JUMPER	
	8 AWG	WHITE	W13	CB6-5	35		CB5-5	35	B	JUMPER	
	8 AWG	WHITE	W13	CB5-5	35		CB2-5	35	B	JUMPER	
	8 AWG	WHITE	W13	CB2-5	35		CB3-5	35	B	JUMPER	
	8 AWG	WHITE	W13	CB3-5	35		CB4-5	35	B	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-4. Panel, Protection, REV: G, WL.113370

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
700	16 AWG	WHITE	W04	TB1-01	15		K2-02	12			
701	16 AWG	WHITE	W04	TB1-02	15		K2-04	12			
702	16 AWG	WHITE	W04	TB1-03	15		K2-06	12			
703	12 AWG	WHITE	W53	TB1-04	20		K2-08	16			
704	12 AWG	WHITE	W53	TB1-05	20		K2-10	16			
705	12 AWG	WHITE	W53	TB1-06	20		K2-12	16			
706	18 AWG	WHITE	W03	TB1-07	08		K3-02	05			
708	18 AWG	WHITE	W03	TB1-08	08		K3-04	05			
709	18 AWG	WHITE	W03	TB1-09	08		K3-06	05			
710	18 AWG	WHITE	W03	TB1-10	08		K3-08	05			
711	18 AWG	WHITE	W03	TB1-11	08		K3-10	05			
712	18 AWG	WHITE	W03	TB1-12	08		K3-12	05			
713	18 AWG	WHITE	W03	TB1-13	08		K4-02	05			
714	18 AWG	WHITE	W03	TB1-14	08		K4-04	05			
715	18 AWG	WHITE	W03	TB1-15	08		K4-06	05			
716	12 AWG	WHITE	W53	TB1-16	20		K5-02	16			
717	12 AWG	WHITE	W53	TB1-17	20		K5-04	16			
718	12 AWG	WHITE	W53	TB1-18	20		K5-06	16			
719	16 AWG	WHITE	W04	TB2-01	15		K2-01	13			
720	16 AWG	WHITE	W04	TB2-02	15		K2-03	13			
721	16 AWG	WHITE	W04	TB2-03	15		K2-05	13			
722	12 AWG	WHITE	W53	TB2-04	08		K2-07	16			
723	12 AWG	WHITE	W53	TB2-05	08		K2-09	16			
724	12 AWG	WHITE	W53	TB2-06	08		K2-11	16			
725	18 AWG	WHITE	W03	TB2-07	08		K3-01	05			
726	18 AWG	WHITE	W03	TB2-08	08		K3-03	05			
727	18 AWG	WHITE	W03	TB2-09	08		K3-05	05			
728	18 AWG	WHITE	W03	TB2-10	08		K3-07	05			
729	18 AWG	WHITE	W03	TB2-11	08		K3-09	05			
730	18 AWG	WHITE	W03	TB2-12	08		K3-11	05			
731	18 AWG	WHITE	W03	TB2-13	08		K4-01	05			
732	18 AWG	WHITE	W03	TB2-14	08		K4-03	05			
733	18 AWG	WHITE	W03	TB2-15	08		K4-05	05			
734	12 AWG	WHITE	W53	TB2-16	20		K5-01	16			
735	12 AWG	WHITE	W53	TB2-17	20		K5-03	16			
736	12 AWG	WHITE	W53	TB2-18	20		K5-05	16			
737	18 AWG	WHITE	W03	TB3-01	08		K1-X2	08			
761	18 AWG	WHITE	W03	TB3-02	08		K6-X2	08			
738	18 AWG	WHITE	W03	TB3-04	08		K7-L2	08			
739	18 AWG	WHITE	W03	TB3-05	08		K6-X1	08			
740	18 AWG	WHITE	W03	TB3-06	08		K8-X1	08			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-5. Relay Assembly, REV: N, WL.113371 (Sheet 1 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: N
741	18 AWG	WHITE	W03	TB3-07	08		K4-B	08			
742	18 AWG	WHITE	W03	TB3-09	08		K1-X1	08			
743	18 AWG	WHITE	W03	TB3-10	08		K7-L1	08			
744	18 AWG	WHITE	W03	TB3-10	08		K2-D	08			
745	18 AWG	WHITE	W03	TB3-11	08		K7-3	05			
746	18 AWG	WHITE	W03	TB3-12	08		K7-1	05			
747	18 AWG	WHITE	W03	TB3-13	08		K7-5	05			
748	12 AWG	WHITE	W53	TB3-15	15		K1-B1	08			
749	12 AWG	WHITE	W53	TB3-17	15		K1-B2	08			
750	16 AWG	WHITE	W04	TB3-19	15		K5-D	15			
774	16 AWG	WHITE	W04	TB3-19	15		K7-6	12			
773	18 AWG	WHITE	W03	TB4-02	08		K3-D	05			
751	18 AWG	WHITE	W03	TB4-04	08		K5-A	08			
752	18 AWG	WHITE	W03	TB4-05	08		K5-B	08			
753	14 AWG	WHITE	W05	TB4-09	15		K1-A2	15			
754	14 AWG	WHITE	W05	TB4-10	15		K6-B2	15			
755	14 AWG	WHITE	W05	TB4-11	15		K1-A1	15			
756	14 AWG	WHITE	W05	TB4-15	15		K7-2	08			
757	14 AWG	WHITE	W05	TB4-17	15		K2-A	13			
758	14 AWG	WHITE	W05	TB4-18	15		K2-B	13			
759	14 AWG	WHITE	W05	TB4-19	15		K1-C1	15			
760	14 AWG	WHITE	W05	TB4-20	15		K1-C2	15			
762	18 AWG	WHITE	W03	K8-X2	08		K5-X2	08			
763	18 AWG	WHITE	W03	K6-X2	08		K2-X2	08			
764	18 AWG	WHITE	W03	K2-X2	08		K3-X2	08			
765	18 AWG	WHITE	W03	K3-X2	08		K4-X2	08			
766	18 AWG	WHITE	W03	K4-X2	08		K8-X2	08			
767	18 AWG	WHITE	W03	K2-X1	08		K6-C1	08			
768	18 AWG	WHITE	W03	K2-C	08		K5-C	08			
769	18 AWG	WHITE	W03	K3-B	05		K8-C1	08			
770	18 AWG	WHITE	W03	K3-A	05		K4-X1	08			
771	18 AWG	WHITE	W03	K3-C	05		K4-A	08			
772	18 AWG	WHITE	W03	K5-X1	08		K6-B1	08			
775	18 AWG	WHITE	W03	K7-6	08		K8-B2	08			
	18 AWG	WHITE	W03	TB3-01	06		GND	06		JUMPER TO TB3 MTG SCREW	
	18 AWG	WHITE	W03	TB3-01	06		TB3-2	06		JUMPER	
	18 AWG	WHITE	W03	TB3-02	06		TB3-03	06		JUMPER	
	18 AWG	WHITE	W03	TB3-03	06		TB3-04	19		JUMPER	
	14 AWG	WHITE	W05	TB3-17	19		TB3-18	19		JUMPER	
	14 AWG	WHITE	W05	TB3-18	19		TB3-20	19		JUMPER	
	14 AWG	WHITE	W05	TB4-09	19		TB4-10	19		JUMPER	
	18 AWG	WHITE	W03	K3-X1	08		K3-B	08		JUMPER	
	18 AWG	WHITE	W03	K6-B2	08		K6-C2	08		JUMPER	
	18 AWG	WHITE	W03	K8-B2	08		K8-C2	08		JUMPER	
	18 AWG	WHITE	W03	TB3-15	06		TB3-16	06		JUMPER	
	18 AWG	WHITE	W03	E1		J	K1-X1	08		JUMPER	
	18 AWG	WHITE	W03	E2		J	K1-X2	08		JUMPER	
	18 AWG	WHITE	W03	E3		J	K2-X1	08		JUMPER	
	18 AWG	WHITE	W03	E4		J	K2-X2	08		JUMPER	
	18 AWG	WHITE	W03	E5		J	K3-X1	05		JUMPER	
	18 AWG	WHITE	W03	E6		J	K3-X2	05		JUMPER	
	18 AWG	WHITE	W03	E7		J	K4-X1	08		JUMPER	
	18 AWG	WHITE	W03	E8		J	K4-X2	08		JUMPER	
	18 AWG	WHITE	W03	E9		J	K5-X1	08		JUMPER	
	18 AWG	WHITE	W03	E10		J	K5-X2	08		JUMPER	
	18 AWG	WHITE	W03	E11		J	K6-X1	08		JUMPER	
	18 AWG	WHITE	W03	E12		J	K6-X2	08		JUMPER	
	18 AWG	WHITE	W03	E13		J	K7-L1	08		JUMPER	
	18 AWG	WHITE	W03	E14		J	K7-L2	08		JUMPER	
	18 AWG	WHITE	W03	E15		J	K8-X1	08		JUMPER	
	18 AWG	WHITE	W03	E16		J	K8-X2	08		JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-5. Relay Assembly, REV N, WL.113371 (Sheet 2 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
800	22 AWG	WHITE	W19	TB1-01	08		S2C-C1		J,B		
		SHIELD		GND		J	OPEN				
801	22 AWG	WHITE	W19	TB1-02	08		E18		J,B		
		SHIELD		OPEN			GND		J,B		
802	22 AWG	WHITE	W19	TB1-04	08		E15		J,B		
		SHIELD		OPEN			GND		J,B		
803	22 AWG	WHITE	W19	TB1-05	08		S2C-C2		J,B		
		SHIELD		GND		J	OPEN				
804	22 AWG	WHITE	W19	TB1-06	08		S2C-C3		J,B		
		SHIELD		GND		J	OPEN				
805	22 AWG	WHITE	W19	TB1-07	08		E14		J,B		
		SHIELD		OPEN			GND		J		
806	22 AWG	WHITE	W19	TB1-09	08		S2B-C1		J,B		
		SHIELD		GND		J	OPEN				
807	22 AWG	WHITE	W19	TB1-10			E12		J,B		
		SHIELD		OPEN			GND		J		
808	22 AWG	WHITE	W19	TB1-11			E9		J,B		
		SHIELD		OPEN			GND		J		
809	22 AWG	WHITE	W19	TB1-12	08		S2B-C2		J,B		
		SHIELD		GND		J	OPEN				
810	22 AWG	WHITE	W31	TB1-14	08		S1-2 (NC)		J		
		BLACK		TB1-15	08		S1-5 (NC)		J		
		SHIELD		GND	07		OPEN				
811	22 AWG	WHITE	W31	TB1-16	08		S1-4 (NO)		J		
		BLACK		TB1-17	08		S1-1 (NO)		J		
		SHIELD		GND		J	OPEN				
812	22 AWG	WHITE	W19	TB1-19	08		S2B-C3		J,B		
		SHIELD		GND	08		OPEN				
813	22 AWG	WHITE	W19	TB1-20	08		E8		J,B		
		SHIELD		OPEN			GND		J		
814	22 AWG	WHITE	W19	TB2-03	08		E5		J,B		
		SHIELD		OPEN			GND		J		
815	22 AWG	WHITE	W19	TB2-04	08		S2A-C1		Y,B		
		SHIELD		GND		J	OPEN				
816	22 AWG	WHITE	W19	TB2-06	08		S2A-C2		Y,B		
		SHIELD		GND		J	OPEN				
817	22 AWG	WHITE	W19	TB2-07	08		E04		J,B		
		SHIELD		OPEN			GND		J		
				C1(-)			E02		J	COMPONENT LEAD	
				C1(+)			E01		J	COMPONENT LEAD	
				C2(-)			E04		J	COMPONENT LEAD	
				C3(-)			E06		J	COMPONENT LEAD	
				C3(+)			E05		J	COMPONENT LEAD	
				C4(-)			E08		J	COMPONENT LEAD	
				C4(+)			E07		J	COMPONENT LEAD	
				C5(-)			E10		J	COMPONENT LEAD	
				C5(+)			E09			COMPONENT LEAD	
				C6(-)			E12		J	COMPONENT LEAD	
				C6(+)			E11		J	COMPONENT LEAD	
				C7(-)			E14		J	COMPONENT LEAD	
				C7(+)			E13		J	COMPONENT LEAD	
				C8(-)			E16		J	COMPONENT LEAD	
				C8(+)			E15		J	COMPONENT LEAD	
				C9(-)			E18		J	COMPONENT LEAD	
				C9(+)			E17		J	COMPONENT LEAD	
818	22 AWG	WHITE	W19	E1		J	S1-C2-6		J,B		
		SHIELD		GND		J	OPEN				
819	22 AWG	WHITE	W19	E2		J	S2A-6		J,B		
		SHIELD		GND		J	OPEN				
820	22 AWG	WHITE	W19	E3		J	S2A-4		J,B		
		SHIELD		GND		J	OPEN				
817	22 AWG	WHITE	W19	E4		J	TB2-07	08	B		
		SHIELD		GND		J	OPEN				
814	22 AWG	WHITE	W19	E5		J	TB2-03	08	B		
		SHIELD		GND		J	OPEN				
821	22 AWG	WHITE	W19	E6		J	S2A-2		J,B		
		SHIELD		GND		J	OPEN				
822	22 AWG	WHITE	W19	E7		J	S2B-6		J,B		
		SHIELD		GND		J	OPEN				
813	22 AWG	WHITE	W19	E8		J	TB1-20	08	B		
		SHIELD		GND		J	OPEN				
808	22 AWG	WHITE	W19	E9		J	TB1-11	08	B		
		SHIELD		GND		J	OPEN				
823	22 AWG	WHITE	W19	E10		J	S2B-4		J,B		
		SHIELD		GND		J	OPEN				
824	22 AWG	WHITE	W19	E11		J	S2B-2		J,B		
		SHIELD		GND		J	OPEN				
807	22 AWG	WHITE	W19	E12		J	TB1-10	08	B		
		SHIELD		GND	07		OPEN				
825	22 AWG	WHITE	W19	E13		J	S2C-6		J,B		
		SHIELD		GND		J	OPEN				

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-6. Panel Meter Assembly, REV: H, WL.113372 (Sheet 1 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
805	22 AWG	WHITE	W19	E14		J	TB1-07	08	B		
		SHIELD		GND		J	OPEN				
802	22 AWG	WHITE	W19	E15		J	TB1-04	08	B		
		SHIELD		GND		J	OPEN				
826	22 AWG	WHITE	W19	E16		J	S2C-4		J,B		
		SHIELD		GND		J	OPEN				
827	22 AWG	WHITE	W19	E17		J	S2C-2		J,B		
		SHIELD		GND		J	OPEN				
801	22 AWG	WHITE	W19	E18		J	TB1-02	08	B		
		SHIELD		GND		J	OPEN				
	22 AWG	WHITE	W01	M1(-)	04		E2		J	JUMPER	
	22 AWG	WHITE	W01	M1(+)	04		E1		J	JUMPER	
	22 AWG	WHITE	W01	M2(+)	04		E3		J	JUMPER	
	22 AWG	WHITE	W01	M2(-)	04		E4		J	JUMPER	
	22 AWG	WHITE	W01	M3(+)	04		E5		J	JUMPER	
	22 AWG	WHITE	W01	M3(-)	04		E6		J	JUMPER	
	22 AWG	WHITE	W01	M4(+)	04		E7		J	JUMPER	
	22 AWG	WHITE	W01	M4(-)	04		E8		J	JUMPER	
	22 AWG	WHITE	W01	M5(+)	04		E9		J	JUMPER	
	22 AWG	WHITE	W01	M5(-)	04		E10		J	JUMPER	
	22 AWG	WHITE	W01	M6(+)	04		E11		J	JUMPER	
	22 AWG	WHITE	W01	M6(-)	04		E12		J	JUMPER	
	22 AWG	WHITE	W01	M7(-)	04		E14		J	JUMPER	
	22 AWG	WHITE	W01	M7(+)	04		E13		J	JUMPER	
	22 AWG	WHITE	W01	M8(+)	04		E15		J	JUMPER	
	22 AWG	WHITE	W01	M8(-)	04		E16		J	JUMPER	
	22 AWG	WHITE	W01	M9(-)	04		E18		J	JUMPER	
	22 AWG	WHITE	W01	M9(+)	04		E17		J	JUMPER	
810	22 AWG	WHITE	W31	S1-2 (NC)		J	TB1-14	08			
		BLACK		S1-5 (NC)		J	TB1-15	08			
		SHIELD		OPEN			GND		J		
811	22 AWG	WHITE	W31	S1-4 (NO)		J	TB1-16	08			
		BLACK		S1-1 (NO)		J	TB1-17	08			
		SHIELD		OPEN			GND		J		
828	22 AWG	WHITE	W19	S1-C1 (3)		J	S2A-C3		J,B		
		SHIELD		GND		J	OPEN				
818	22 AWG	WHITE	W19	S1-C2 (6)		J	E1		J,B		
		SHIELD		OPEN			GND		J		
815	22 AWG	WHITE	W19	S2A-C1		J	TB2-04	08	B		
		SHIELD		OPEN		J	GND		Y		
821	22 AWG	WHITE	W19	S2A-3		J	E6		J,B		
		SHIELD		OPEN			GND		J		
816	22 AWG	WHITE	W19	S2A-C2		J	TB2-06	08	B		
		SHIELD		OPEN			GND		J		
820	22 AWG	WHITE	W19	S2A-4		J	E3		J,B		
		SHIELD		OPEN			GND		J		
828	22 AWG	WHITE	W19	S2A-C3		J	S1-C1-COM		J,B		
		SHIELD		OPEN			GND		J		
819	22 AWG	WHITE	W19	S2A-6		J	E2		J,B		
		SHIELD		OPEN			GND		J		
806	22 AWG	WHITE	W19	S2B-C1		J	TB1-09	08	B		
		SHIELD		OPEN			GND		J		
824	22 AWG	WHITE	W19	S2B-2		J	E11		J,B		
		SHIELD		OPEN			GND		J		
809	22 AWG	WHITE	W19	S2B-C2		J	TB1-12	08	B		
		SHIELD		OPEN			GND		J		
823	22 AWG	WHITE	W19	S2B-4		J	E10		J,B		
		SHIELD		OPEN			GND		J		
812	22 AWG	WHITE	W19	S2B-C3		J	TB1-19	08	B		
		SHIELD		OPEN			GND		J		
822	22 AWG	WHITE	W19	S2B-6		J	E7		J,B		
		SHIELD		OPEN			GND		J		
800	22 AWG	WHITE	W19	S2C-C1		J	TB1-01	08	B		
		SHIELD		OPEN			GND		J		
827	22 AWG	WHITE	W19	S2C-2		J	E17		J,B		
		SHIELD		OPEN			GND		J		
803	22 AWG	WHITE	W19	S2C-C2		J	TB1-05	08	B		
		SHIELD		OPEN			GND		J		
826	22 AWG	WHITE	W19	S2C-4			E16		J,B		
		SHIELD		OPEN			GND		J		
804	22 AWG	WHITE	W19	S2C-C3		J	TB1-06	08	B		
		SHIELD		OPEN			GND		J		
825	22 AWG	WHITE	W19	S2C-6		J	E13		J,B		
		SHIELD		OPEN			GND		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-6. Panel Meter Assembly, REV:H, WL.113372 (Sheet 2 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	2 FROM	3 TERM	NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
	16 AWG		W35	C5(+)	37		R5-2		J	BUS	
	16 AWG		W35	C6(+)	37		R6-2		J	BUS	
	16 AWG		W35	R1-2		J	R2-1		J	BUS	
	16 AWG		W35	R2-2		J	R3-1		J	BUS	
	16 AWG		W35	R3-2		J	R6-2		J	BUS	
	16 AWG		W35	R4-2		J	R5-1		J	BUS	
	16 AWG		W35	R5-2		J	R6-1		J	BUS	
R11				R11-1		J	GND		J	COMPONENT LEAD	
	16 AWG		W35	R11-2		J	R12-1		J	BUS	
	16 AWG		W35	R12-2		J	R13-1		J	BUS	
	16 AWG		W35	R13-2		J	R14-1		J	BUS	
	16 AWG		W35	CR1(-)		J	CR2(-)		J	BUS	
	16 AWG		W35	CR2(-)		J	CR3(-)		J	BUS	
	16 AWG		W35	CR4(+)		J	CR5(+)		J	BUS	
	16 AWG		W35	CR5(+)		J	CR6(+)		J	BUS	
	16 AWG		W35	K1-C		J	K2-C		J	BUS	
	16 AWG	WHITE	W04	E12		J	K2-A		J	JUMPER	
	16 AWG	WHITE	W04	E11		J	K2-B		J	JUMPER	
	16 AWG	WHITE	W04	E10		J	K1-B		J	JUMPER	
	16 AWG	WHITE	W04	E9		J	K1-A		J	JUMPER	
	16 AWG	WHITE	W04	E7	14		E8	14		JUMPER	
	16 AWG	WHITE	W04	R16-2		J	R16-3		J	JUMPER	
	16 AWG	WHITE	W04	R16-1		J	E8	13		JUMPER	
	16 AWG		W35	R16-3		J	GND		J	BUS	
C7				E8		J	GND		J	COMPONENT LEAD	
301	16 AWG	WHITE	W04	TB1-02	14		T1-5	14			
302	16 AWG	WHITE	W04	TB1-03	14		T1-6		J		
303	16 AWG	WHITE	W04	TB1-04	14		E10		J		
304	16 AWG	WHITE	W04	TB1-05	14		E9		J		
305	16 AWG	WHITE	W04	TB1-06	14		E12		J		
306	16 AWG	WHITE	W04	TB1-07	14		R11-2		J		
307	16 AWG	WHITE	W04	T1-10	14		CR1-AC (+)		J		
308	16 AWG	WHITE	W04	T1-11	14		CR2-AC (+)		J		
309	16 AWG	WHITE	W04	T1-12	14		CR3-AC (+)		J		
310	16 AWG	WHITE	W04	L1-1		J	CR3(-)		J		
311	16 AWG	WHITE	W04	E8	14		R8-2		J		
312	16 AWG	WHITE	W04	E8	14		R10-1		J		
313	16 AWG	WHITE	W04	R10-1		J	CR4(+)		J		
314	16 AWG	WHITE	W04	CR6(+)		J	C3(+)	13			
315	16 AWG	WHITE	W04	E1	14		R14-2		J		
316	16 AWG	WHITE	W04	R14-2		J	R7-2		J		
317	16 AWG	WHITE	W04	R7-2		J	K2-COM		J		
318	16 AWG	WHITE	W04	E6	14		K2-NO		J		
319	16 AWG	WHITE	W04	E3	14		K1-NO		J		
320	16 AWG	WHITE	W04	E4	14		R10-2		J		
322	16 AWG	WHITE	W04	E5	14		R15-2		J		
323	16 AWG	WHITE	W04	E2	14		R9-2		J		
324	16 AWG	WHITE	W04	L1-2		J	L2-1		J		
325	16 AWG	WHITE	W04	L2-1		J	C1(-)	13			
326	16 AWG	WHITE	W04	L2-2		J	C4(-)	13			
327	16 AWG	WHITE	W04	C4(-)	13		R7-1		J		
328	16 AWG	WHITE	W04	R7-1		J	R9-1		J		
329	16 AWG	WHITE	W04	R15-1		J	R8-1		J		
	16 AWG		W35	K1-B		J	K2-B		J	BUS	
	16 AWG		W35	R9-1		J	R8-1		J	BUS	
	16 AWG		W35	C1(-)	37		R1-1		J	BUS	
	16 AWG		W35	C2(-)	37		R2-1		J	BUS	
	16 AWG		W35	C3(-)	37		R3-1		J	BUS	
	16 AWG		W35	C4(-)	37		R4-1		J	BUS	
	16 AWG		W35	C5(-)	37		R5-1		J	BUS	
	16 AWG		W35	C6(-)	37		R6-1		J	BUS	
	16 AWG		W35	C1(+)	37		R1-2		J	BUS	
	16 AWG		W35	C2(+)	37		R2-2		J	BUS	
	16 AWG		W35	C3(+)	37		R3-2		J	BUS	
	16 AWG		W35	C4(+)	37		R4-2		J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-7. Power Supply, Bias, IPA, REV: H, WL.113373

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: K
400	16 AWG	WHITE	W06	TB1-1	15		T1-1	15			
401	16 AWG	WHITE	W06	TB1-2	15		T1-2	15			
402	16 AWG	WHITE	W06	TB1-3	15		T1-3	15			
403	18 AWG	WHITE	W03	TB1-4	01		E6		J		
404	18 AWG	WHITE	W03	TB1-5	01		E7		J		
405	18 AWG	WHITE	W03	TB1-6	01		E9		J		
406	16 AWG	WHITE	W06	TB1-7	15		R16-1		J		
407	16 AWG	WHITE	W06	T1-4	15		CR7-AC 1 (+)		J		
408	16 AWG	WHITE	W06	T1-5	15		CR8-AC 2 (+)		J		
409	16 AWG	WHITE	W06	T1-6	15		CR9-AC 3 (+)		J		
410	16 AWG	WHITE	W06	T1-7	15		CR3-AC 1 (+)		J		
411	16 AWG	WHITE	W06	T1-8	15		CR5-AC 2 (-)		J		
412	16 AWG	WHITE	W06	T1-9	15		CR4-AC 3 (-)		J		
413	16 AWG	WHITE	W06	CR3(-)		J	L1-1		J		
414	16 AWG	WHITE	W06	L1-2		J	R5-1		J		
418	16 AWG	WHITE	W06	R3-2		J	K1-NO		J		
419	16 AWG	WHITE	W06	CR6(+)		J	C2(+)	13	J		
420	16 AWG	WHITE	W06	C2(+)	13		R4-2		J		
421	16 AWG	WHITE	W06	R5-2		J	R6-2		J		
427	16 AWG	WHITE	W06	R7-1		J	K1-C		J		
428	16 AWG	WHITE	W06	CR9(-)		J	L2-1	15			
429	16 AWG	WHITE	W06	L2-2	15		C3(-)	13			
430	16 AWG	WHITE	W06	C3(-)	13		L3-1	15			
431	16 AWG	WHITE	W06	L3-2	15		C5(-)	13			
432	16 AWG	WHITE	W06	C5(-)	13		R12-1		J		
433	16 AWG	WHITE	W06	R13-1		J	R18-1		J		
434	16 AWG	WHITE	W06	CR12(+)		J	C4(+)	13			
435	16 AWG	WHITE	W06	C6(+)	13		R12-2		J		
436	16 AWG	WHITE	W06	R14-2		J	E1	14			
437	16 AWG	WHITE	W06	R18-1		J	R7-2		J		
438	16 AWG	WHITE	W06	E1	14		K2-NO		J		
439	16 AWG	WHITE	W06	E3	14		K2-COM		J		
440	16 AWG	WHITE	W06	E2	14		R18-2		J		
441	16 AWG	WHITE	W06	E4	14		R19-2		J		
442	16 AWG	WHITE	W06	E5	14		R19-1		J		
443	16 AWG	WHITE	W06	R19-1		J	R13-2		J		
444	16 AWG	WHITE	W06	C1(-)	13		R3-1		J		
	16 AWG		W35	C1(+)	13		R1-2		J	BUS	
	16 AWG		W35	R1-2		J	R2-1		J	BUS	
	16 AWG		W35	R2-1		J	C2(-)	31		BUS	
	16 AWG		W35	C1(-)	31		R1-1		J	BUS	
	16 AWG		W35	C2(+)	31		R2-2		J	BUS	
	16 AWG		W35	C5(-)	31		R10-1		J	BUS	
	16 AWG		W35	C5(+)	31		R10-2		J	BUS	
	16 AWG		W35	R10-2		J	R11-1	31		BUS	
	16 AWG		W35	R11-1		J	C6(-)	31		BUS	
	16 AWG		W35	C6(+)	31		R11-2		J	BUS	
	16 AWG		W35	C6(+)	31		C4(+)	31	J	BUS	
	16 AWG		W35	C4(+)	31		R9-2		J	BUS	
	16 AWG		W35	C4(-)	31		R9-1		J	BUS	
	16 AWG		W35	R9-1		J	R8-2		J	BUS	
	16 AWG		W35	R8-2		J	C3(+)	31		BUS	
	16 AWG		W35	R3-1		J	R4-1		J	BUS	
	16 AWG		W35	R4-1		J	R5-1		J	BUS	
	16 AWG		W35	R17-2		J	R16-1		J	BUS	
	16 AWG		W35	R16-2		J	R15-1		J	BUS	
	16 AWG		W35	R15-2		J	R14-1		J	BUS	
	16 AWG		W35	R7-1		J	R6-1		J	BUS	
	16 AWG		W35	R7-2		J	R6-2		J	BUS	
	16 AWG		W35	CR1(-)		J	CR2(-)		J	BUS	
	16 AWG		W35	CR2(-)		J	CR3(-)		J	BUS	
	16 AWG		W35	CR4(+)		J	CR5(+)		J	BUS	
	16 AWG		W35	CR5(+)		J	CR6(+)		J	BUS	
	16 AWG		W35	CR7(-)		J	CR8(-)		J	BUS	
	16 AWG		W35	CR8(-)		J	CR9(-)		J	BUS	
	16 AWG		W35	CR10(+)		J	CR11(+)		J	BUS	
	16 AWG		W35	CR11(+)		J	CR12(+)		J	BUS	
	16 AWG		W35	E6		J	K1-B		J	JUMPER	
	16 AWG		W04	E7		J	K1-A		J	JUMPER	
	16 AWG		W04	E8		J	K2-B		J	JUMPER	
	16 AWG		W04	E9		J	K2-A		J	JUMPER	
	16 AWG		W35	K1-NO		J	K2-NO		J	BUS	
	16 AWG		W35	K1-B		J	K2-B		J	BUS	
	16 AWG		W35	R12-1		J	R13-1		J	BUS	
	16 AWG		W35	R12-2		J	R13-2		J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-8. Power Supply, Bias, DRVR AMPL, REV:K, WL.113374 (Sheet 1 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	2 FROM	3 TERM	NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: K
	16 AWG		W35	C3(-)	13		R8-1		J	BUS	
	16 AWG		W35	R4-2		J	R5-2		J	BUS	
R17				R17-1		J	GND			COMPONENT LEAD	
	16 AWG	WHITE	W06	R20-1		J	E5	14		JUMPER	
	16 AWG	WHITE	W06	R20-2		J	R20-3		J	JUMPER	
	16 AWG	WHITE	W35	R20-3		J	GND		J	BUS	
	16 AWG	WHITE	W06	E5		J	C7-1	13	J	JUMPER	
C7				C7-2			GND	13		COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-8. Power Supply, Bias, DRVR AMPL, REV: K, WL.113374 (Sheet 2 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: K
500	16 AWG	WHITE	W06	TB1-1	15		T1-4	14			
501	16 AWG	WHITE	W06	TB1-2	15		T1-5	14			
502	16 AWG	WHITE	W06	TB1-3	15		T1-6	14			
503	16 AWG	WHITE	W04	TB1-4	15		E6		J		
504	18 AWG	WHITE	W04	TB1-5	01		E7		J		
505	16 AWG	WHITE	W04	TB1-6	15		E9		J		
506	16 AWG	WHITE	W04	TB1-7	15		R11-2		J		
507	16 AWG	WHITE	W04	T1-13	14		CR1-AC		J		
508	16 AWG	WHITE	W04	T1-14	14		CR2-AC		J		
509	16 AWG	WHITE	W04	T1-15	14		CR3-AC		J		
510	16 AWG	WHITE	W04	T1-10	14		CR7-AC		J		
511	16 AWG	WHITE	W04	T1-11	14		CR8-AC		J		
512	16 AWG	WHITE	W04	T1-12	14		CR9-AC		J		
513	16 AWG	WHITE	W04	CR1(-)		J	L1-1		J		
514	16 AWG	WHITE	W04	CR9(-)		J	L2-1	14			
515	16 AWG	WHITE	W04	L1-2	13		R5-1		J		
517	16 AWG	WHITE	W04	R3-1		J	C1(-)	13			
518	16 AWG	WHITE	W04	E1	14		K1-NO		J		
519	16 AWG	WHITE	W04	K2-NO		J	R5-2		J		
520	16 AWG	WHITE	W04	R5-2		J	R8-2		J		
521	16 AWG	WHITE	W04	E3	14		K2-C		J		
524	16 AWG	WHITE	W04	L2-2	14		L3-1	14			
525	16 AWG	WHITE	W04	L3-1	14		C3(-)	13			
527	16 AWG	WHITE	W04	R6-1		J	K1-C		J		
528	16 AWG	WHITE	W04	R23-1		J	C6(+)	13	J		
529	16 AWG	WHITE	W04	C5(-)	13		L3-2	14			
531	16 AWG	WHITE	W04	C5(-)	13		C2(+)	13			
532	16 AWG	WHITE	W04	C2(+)	13		R3-2		J		
534	16 AWG	WHITE	W04	R7-2		J	R18-1		J		
535	16 AWG	WHITE	W04	L3-2	14		CR6(+)		J		
536	16 AWG	WHITE	W04	CR12(+)		J	C6(+)	13			
537	16 AWG	WHITE	W04	E2	14		R20-1		J		
	16 AWG		W35	CR1(-)		J	CR2(-)		J	BUS	
	16 AWG		W35	CR2(-)		J	CR3(-)		J	BUS	
	16 AWG		W35	CR4(+)		J	CR5(+)		J	BUS	
	16 AWG		W35	CR5(+)		J	CR6(+)		J	BUS	
	16 AWG		W35	CR7(-)		J	CR8(-)		J	BUS	
	16 AWG		W35	CR8(-)		J	CR9(-)		J	BUS	
	16 AWG		W35	CR10(+)		J	CR11(+)		J	BUS	
	16 AWG		W35	CR11(+)		J	CR12(+)		J	BUS	
	16 AWG		W35	R11-1		J	GND		J	BUS	
	16 AWG		W35	R11-2		J	R10-1		J	BUS	
	16 AWG		W35	R10-2		J	R9-1		J	BUS	
	16 AWG		W35	R9-2		J	R8-1		J	BUS	
	16 AWG		W35	R6-1		J	R7-1		J	BUS	
	16 AWG		W35	R6-2		J	R7-2		J	BUS	
	16 AWG		W35	C1(-)	13		R1-1		J	BUS	
	16 AWG		W35	C1(+)	13		R1-2		J	BUS	
	16 AWG		W35	R1-2		J	R2-1			BUS	
	16 AWG		W35	R2-1		J	C2(-)	13		BUS	
	16 AWG		W35	C2(+)	13		R2-2		J	BUS	
	16 AWG		W35	C3(-)	13		R12-1		J	BUS	
	16 AWG		W35	C3(+)	13		R12-2		J	BUS	
	16 AWG		W35	R12-2		J	R13-1		J	BUS	
	16 AWG		W35	R13-1		J	C4(-)	13		BUS	
	16 AWG		W35	C4(+)	13		R13-2		J	BUS	
	16 AWG		W35	C5(-)	13		R14-1		J	BUS	
	16 AWG		W35	C5(+)	13		R14-2		J	BUS	
	16 AWG		W35	R14-2		J	R15-1		J	BUS	
	16 AWG		W35	R15-1		J	C6(-)	13		BUS	
	16 AWG		W35	C6(+)	13		R15-2		J	BUS	
	16 AWG		W35	R3-1		J	R4-1		J	BUS	
	16 AWG		W35	R3-2		J	R4-2		J	BUS	
	16 AWG		W35	R16-1		J	R17-1		J	BUS	
	16 AWG		W35	R17-1		J	R18-1		J	BUS	
	16 AWG		W35	R18-1		J	R19-1		J	BUS	
	16 AWG		W35	R19-1		J	R20-1		J	BUS	
	16 AWG		W35	R16-2		J	R17-2		J	BUS	
	16 AWG		W35	R17-2		J	R18-2		J	BUS	
	16 AWG		W35	R18-2		J	R19-2		J	BUS	
	16 AWG		W35	E4	14		R22-2		J	BUS	
	16 AWG		W35	R23-1		J	R22-1		J	BUS	
	16 AWG		W35	R4-2		J	R6-2		J	BUS	
	16 AWG		W35	R20-2		J	R22-1		J	BUS	
	16 AWG		W35	R19-2		J	R20-2		J	BUS	
	16 AWG		W35	R4-1		J	R5-1		J	BUS	
	16 AWG		W35	K1-B		J	K2-B		J	BUS	
	16 AWG		W35	K2-NO		J	K1-NO		J	BUS	
	16 AWG		W35	C4(+)	13		C6(+)	13		BUS	
	16 AWG		W04	E7		J	K1-A		J	JUMPER	
	16 AWG		W04	E6		J	K1-B		J	JUMPER	
	16 AWG		W04	E8		J	K2-B		J	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-9. Power Supply, Bias, PA, REV: K, WL.113375 (Sheet 1 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: K
	16 AWG		W04	E9		J	K2-A		J	JUMPER	
	18 AWG		W03	R23-1		J	R24-1		J	JUMPER	
	18 AWG		W03	R23-2		J	R23-3		J	JUMPER	
	18 AWG		W03	E5	14		R24-2		J	JUMPER	
	18 AWG		W35	R23-3		J	GND LUG			BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-9. Power Supply, Bias, PA, REV: K, WL.113375 (Sheet 2 of 2)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	RG223		W44	A1-J1 PFT			R179-1			SHIELD TO R197-2	
2173	18 AWG	WHITE	W03	A1TB1-01	01		E12		J		
2215	18 AWG	WHITE	W03	A1TB1-01	01		K02-4	08			
2152	20 AWG	WHITE	W02	A1TB1-02	01		K09-A2		J		
2200	20 AWG	WHITE	W02	A1TB1-02	01		K11-A2		J		
2169	20 AWG	WHITE	W02	A1TB1-05	01		XK21-09		J		
2170	20 AWG	WHITE	W02	A1TB1-07	01		XK21-01		J		
2153	18 AWG	WHITE	W03	A1TB1-09	01		K09-B2		J		
2163	18 AWG	WHITE	W03	A1TB1-10	01		XK16-09		J		
2217	14 AWG	WHITE	W05	A1TB1-12	10		A2CB4-2	13			
2218	14 AWG	WHITE	W05	A1TB1-13	10		A2CB4-4	13			
2219	14 AWG	WHITE	W05	A1TB1-14	10		A2CB4-6	13			
2201	14 AWG	WHITE	W05	A2 COM 2	12		E05		J		
2216	14 AWG	WHITE	W05	A2 COM 2	12		TB01-04	13			
2129	6 AWG		W14	A2 COM 2	49		E19	49			
2224	12 AWG	WHITE	W10	A2 COM 3	18		TB1-01	16			
2260	8 AWG		W13	A2 NEUT	35		T24-03-1	35			
2119	6 AWG		W14	A2CB1-1	28		T20-H2	48			
2120	6 AWG		W14	A2CB1-3	28	C	T21-H2	48	C		
2121	6 AWG		W14	A2CB1-5	28	C	T22-H2	48	C		
2257	8 AWG		W13	A2CB2-2	29		T24-01-2	35			
2258	8 AWG		W13	A2CB2-4	29	C	T24-02-2	35	C		
2259	8 AWG		W13	A2CB2-6	29		T24-03-2	35			
2202	14 AWG	WHITE	W05	A2CB3-2	13		K03-2	14			
2217	14 AWG	WHITE	W05	A2CB4-2	13		A1TB1-12	10			
2218	14 AWG	WHITE	W05	A2CB4-4	13		A1TB1-13	10			
2219	14 AWG	WHITE	W05	A2CB4-6	13		A1TB1-14	10			
2214	12 AWG	WHITE	W10	A2CB8-1	16		T23-H2	50			
2234	16 AWG	WHITE	W04	A2CB8-2	13		R191-2		J		
2247	12 AWG	WHITE	W10	A2CB9-1	16		TB01-02	19			
2222	12 AWG	WHITE	W10	A2CB9-2	16		J2-1				
2102	14 AWG	WHITE	W05	A2K01-02	15		T04-01	41			
2101	14 AWG	WHITE	W05	A2K01-04	15		T04-05	41			
2100	14 AWG	WHITE	W05	A2K01-06	15		T04-09	41			
2117	14 AWG	WHITE	W05	A2K02-02	15		T08-01	10			
2118	14 AWG	WHITE	W05	A2K02-04	15		T08-05	10			
2116	14 AWG	WHITE	W05	A2K02-06	15		T08-09	10			
2135	14 AWG	WHITE	W05	A2K02-08	15		T12-01	41			
2136	14 AWG	WHITE	W05	A2K02-10	15		T12-05	41			
2134	14 AWG	WHITE	W05	A2K02-12	15		T12-09	41			
2249A	18 AWG	WHITE	W29	A2S1-13T	07		A3TB1-01	01			
2249B		BLACK		A2S1-14T	07		A3TB1-02	01			
2210B		BLACK		A2S1-1B	14		T20-X1				
2210A	14 AWG	WHITE	W27	A2S1-1T	14		T20-X2				
2210C		SHIELD		A2S1-1T	15		OPEN				
2248A	14 AWG	WHITE	W27	A2S1-1T	15		A3TB1-05	52			
2248C		SHIELD		A2S1-1T	15		OPEN				
2248B		BLACK		A2S1-2T	15		A3TB1-04	52			
2211B		BLACK		A2S1-3B	15		T21-X1				
2211A	14 AWG	WHITE	W27	A2S1-3T	15		T21-X2				
2211C		SHIELD		A2S1-3T	15		OPEN				
2212B		BLACK		A2S1-5B	15		T22-X1				
2212A	14 AWG	WHITE	W27	A2S1-5T	15		T22-X2				
2212C		SHIELD		A2S1-5T	15		OPEN				
2208A	14 AWG	WHITE	W27	A2S2-1B	15		T16-X1				
2250A	14 AWG	WHITE	W27	A2S2-1T	15		A3TB2-05	52			
2208B		BLACK		A2S2-1T	15		T16-X2				
2208C		SHIELD		A2S2-1T	15		OPEN				
2250C		SHIELD		A2S2-1T	15		OPEN				
2250B		BLACK		A2S2-2T	15		A3TB2-04	52			
2209A	14 AWG	WHITE	W27	A2S2-3B	15		T17-X1				
2209B		BLACK		A2S2-3T	15		T17-X2				
2209C		SHIELD		A2S2-3T	15		OPEN				
2206A	18 AWG	WHITE	W29	A2S2-5B	06		T14-X1		J		
2206B		BLACK		A2S2-6B	06		T14-X2		J		
2207A	18 AWG	WHITE	W29	A2S2-6B	06		T15-X1		J		
2207B		BLACK		A2S2-7B	06		T15-X2		J		
2251A	18 AWG	WHITE	W29	A2S2-7T	08		A3TB2-01	01			
2251B		BLACK		A2S2-8T	08		A3TB2-02	01			
2171A	18 AWG	WHITE	W17	A2S3-1B	06		R040-1		J		
2190A	18 AWG	WHITE	W17	A2S3-2B	06		R056-1		J	TIE TO SAME POINT	
2252A	18 AWG	WHITE	W17	A2S3-2T	06		A3TB3-02	01			
2195A	18 AWG	WHITE	W17	A2S3-3B	06		R072-1		J	TIE TO SAME POINT	
2252B		SHIELD		A2S3-4B	06		A3TB3-01	01			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage REV:L, WL.113376 (Sheet 1 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
2115A	18 AWG	WHITE	W17	A2S3-5B	08		R120-1		J	TIE TO SAME POINT	
2133A	18 AWG	WHITE	W17	A2S3-6B	08		R121-1		J	TIE TO SAME POINT	
2253A	18 AWG	WHITE	W17	A2S3-6T	06		A3TB3-05	01			
2151A	18 AWG	WHITE	W17	A2S3-7B	08		R122-1		J	TIE TO SAME POINT	
2253B		SHIELD		A2S3-8B	06		A3TB3-04	01			
2213B		BLACK		A2S4-2B	15		T23-X1				
2213A	14 AWG	WHITE	W27	A2S4-2T	15		T23-X2				
2213C		SHIELD		A2S4-2T	15		OPEN				
2245A	18 AWG	WHITE	W29	A2T01-X1		J	Z2TB1-01	01			
2245B		BLACK		A2T02-X2		J	Z2TB1-03	01			
2235	16 AWG	WHITE	W04	A2TB1-01	10		K03-B	10			
2227	18 AWG	WHITE	W03	A2TB1-02	01		K01TB1-07	01			
2239	18 AWG	WHITE	W03	A2TB1-03	01		K06-5	01			
2179	18 AWG	WHITE	W03	A2TB1-04	01		E11		J		
2232	18 AWG	WHITE	W03	A2TB1-05	01		K03-6	01			
2226	18 AWG	WHITE	W03	A2TB1-06	01		K01TB1-04	01			
2244	20 AWG	WHITE	W02	A2TB1-09	01		Z2TB2-03	01			
2236	16 AWG	WHITE	W04	A2TB1-11	10		E07		J		
2113	18 AWG	WHITE	W03	A2TB1-12			K12-B2	01	J		
2238	18 AWG	WHITE	W03	A2TB1-12			E01		J		
2270	18 AWG	WHITE	W03	A2TB1-13			K06-4	01			
2230	18 AWG	WHITE	W03	A2TB1-3			K02-3	07			
2249A	18 AWG	WHITE	W29	A3TB1-01	01		A2S1-13T	06			
2249B		BLACK		A3TB1-02	01		A2S1-14T	06			
2248B		BLACK		A3TB1-04	52		A2S1-2T	15			
2248A	14 AWG	WHITE	W27	A3TB1-05	52		A2S1-1T	15			
2251A	18 AWG	WHITE	W29	A3TB2-01	01		A2S2-7T	08			
2251B		BLACK		A3TB2-02	01		A2S2-8T	08			
2250B		BLACK		A3TB2-04	52		A2S2-2T	15			
2250A	14 AWG	WHITE	W27	A3TB2-05	52		A2S2-1T	15			
2252B		SHIELD		A3TB3-01	01		A2S3-4B	06			
2252A	18 AWG	WHITE	W17	A3TB3-02	01		A2S3-2T	06			
2253B		SHIELD		A3TB3-04	01		A2S3-8B	06			
2253A	18 AWG	WHITE	W17	A3TB3-05	01		A2S3-6T	06			
2261	16 AWG	WHITE	W04	A4TB1-01	10		T24-303	12			
	16 AWG	WHITE	W04	A4TB1-02	10		TB01-04	01		JUMPER	
2262	16 AWG	WHITE	W04	A4TB1-03	10		T24-203	12			
2263	16 AWG	WHITE	W04	A4TB1-04	10		T24-13	10			
2264	16 AWG	WHITE	W04	A4TB1-05	10		T24-12	10			
	8 AWG	WHITE	W26	C01-1	35	F	R001-2	35	F		
	8 AWG	WHITE	W26	C01-2	35	F	T01-R0	35	F		
	8 AWG	WHITE	W26	C02-1	35	F	R002-2	35	F		
	8 AWG	WHITE	W26	C03-1	35	F	R003-2	35	F		
	8 AWG	WHITE	W26	C06-2	35	F	CR04(-)	35	F		
	14 AWG	WHITE	W46	C10-2	18		R034-2		J		
2106	18 AWG	WHITE	W07	C12-1	03		L2-2	06			
2107	14 AWG	WHITE	W09	C12-1	11		S2-4	12			
2109	18 AWG	WHITE	W07	C12-2	03		R099-2		J		
2111	18 AWG	WHITE	W07	C12-2	03		CR21(-)	31			
	16 AWG	WHITE	W04	C14-1		J	R041-2		J		
	16 AWG	WHITE	W04	C15-1		J	R042-2		J		
	16 AWG	WHITE	W04	C16-1		J	R043-2		J		
	14 AWG	WHITE	W46	C16-2	16		T05-R0	16			
	14 AWG	WHITE	W46	C17-1	50	J	R046-2		J		
	14 AWG	WHITE	W09	C17-2	11		C18-2	11			
	14 AWG	WHITE	W09	C17-2	11		R053-2		J		
	14 AWG	WHITE	W46	C18-1	50		R048-2		J		
	14 AWG	WHITE	W09	C18-2	11		C17-2	11		JUMPER	
	14 AWG	WHITE	W09	C18-2	11		CR07(-)	13			
2122	18 AWG	WHITE	W07	C19-1	03		L5-2	07			
2123	14 AWG	WHITE	W09	C19-1	11		S2-5	12			
2125	18 AWG	WHITE	W07	C19-2	03		CR24(-)		J		
2127	18 AWG	WHITE	W07	C19-2	03		R103-2		J		
	14 AWG	WHITE	W05	C20-1	12		R057-2		J		
	14 AWG	WHITE	W05	C21-1	12		R058-2		J		
	14 AWG	WHITE	W05	C22-1	12		R059-1		J		
	14 AWG	WHITE	W46	C22-2	16		T09-R0	16			
	14 AWG	WHITE	W46	C23-1	50		R061-2		J		
	14 AWG	WHITE	W09	C23-2	11		C24-2	11			
	14 AWG	WHITE	W09	C23-2	11		R069-2		J		
	14 AWG	WHITE	W46	C24-1	50		R063-2		J		
	14 AWG	WHITE	W09	C24-2	11		C23-2	11			
	14 AWG	WHITE	W46	C24-2	11		CR10(-)	13			
2137	18 AWG	WHITE	W07	C25-1	03		L8-2	07			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
2138	14 AWG	WHITE	W09	C25-1	11		S2-6	12			
2143	18 AWG	WHITE	W07	C25-2		J	CR27(-)		J		
2145	18 AWG	WHITE	W07	C25-2		J	R107-2		J		
	16 AWG	WHITE	W04	C32(+)	13		R182-1 GND	13		BUS	
	16 AWG	WHITE	W04	C32(-)	13		R173-1	13			
	16 AWG	WHITE	W04	C32(-)	13	J	R085-1		J		
	16 AWG	WHITE	W04	C33(+)	13		R183-2	13			
	16 AWG	WHITE	W04	C33(-)	13		R174-1		J		
	16 AWG	WHITE	W04	C33(-)	13		R086-1		J		
	16 AWG	WHITE	W04	C34(+)	13		R184-2	13			
	16 AWG	WHITE	W04	C34(-)		J	R087-1		J		
	16 AWG	WHITE	W04	C34(-)	13		R175-1		J		
2223	12 AWG	WHITE	W10	COMM N3			J2-2				
	8 AWG	WHITE	W26	CR01(+)	35	F	CR02(+)	35	F		
	8 AWG	WHITE	W26	CR01(-)	35	F	CR04(+)	35	F		
	8 AWG	WHITE	W26	CR02(+)	35	F	CR03(+)	35	F		
	8 AWG	WHITE	W26	CR02(+)	35	F	CR01(+)	35	F		
	8 AWG	WHITE	W26	CR02(-)	35	F	CR05(+)	35	F		
	8 AWG	WHITE	W26	CR03(+)	35	F	L1-1	29			
	8 AWG	WHITE	W26	CR03(+)	35	F	CR02(+)	35	F		
	8 AWG	WHITE	W26	CR03(-)	35	F	CR06(+)	35	F		
	8 AWG	WHITE	W26	CR04(+)	35	F	CR01(-)	35	F		
	8 AWG	WHITE	W26	CR04(+)	35	F	R001-1	35	F		
	8 AWG	WHITE	W26	CR04(-)	35	F	CR05(-)	35	F		
	8 AWG	WHITE	W26	CR04(-)	35	F	C06-2	35	F		
	8 AWG	WHITE	W26	CR05(+)	35	F	CR02(-)	35	F		
	8 AWG	WHITE	W26	CR05(+)	35	F	R002-1	35	F		
	8 AWG	WHITE	W26	CR05(-)	35	F	CR06(-)	35	F		
	8 AWG	WHITE	W26	CR05(-)	35	F	CR04(-)	35	F		
	8 AWG	WHITE	W26	CR06(+)	35	F	CR03(-)	35	F		
	8 AWG	WHITE	W26	CR06(+)	35	F	R003-1	35	F		
	8 AWG	WHITE	W26	CR06(-)	35	F	CR05(-)	35	F		
	14 AWG	WHITE	W46	CR07(+)	16		CR08(+)	16			
	14 AWG	WHITE	W46	CR07(+)	16		R044-1		J		
	14 AWG	WHITE	W09	CR07(-)	13		C18-2	11			
	14 AWG	WHITE	W46	CR07(-)	16		CR08(-)	16			
	14 AWG	WHITE	W46	CR07(AC)	16		R041-1		J		
	14 AWG	WHITE	W46	CR08(+)	16		CR09(+)	16			
	14 AWG	WHITE	W46	CR08(+)	16		CR07(+)	16			
	14 AWG	WHITE	W46	CR08(-)	16		CR09(-)	16			
	14 AWG	WHITE	W46	CR08(-)	16		CR07(-)	16			
	14 AWG	WHITE	W46	CR08(AC)	16		R042-1		J		
	14 AWG	WHITE	W46	CR09(+)	16		CR08(+)	16			
	14 AWG	WHITE	W46	CR09(-)	16		CR08(-)	16			
	14 AWG	WHITE	W46	CR09(AC)	16		R043-1		J		
	14 AWG	WHITE	W46	CR10(+)	16		CR11(+)	16			
	14 AWG	WHITE	W46	CR10(+)	16		R060-1	16			
	14 AWG	WHITE	W46	CR10(-)	13		C24-2	11			
	14 AWG	WHITE	W46	CR10(-)	16		CR11(-)	16			
	14 AWG	WHITE	W46	CR10(AC)	16		R057-1		J		
	14 AWG	WHITE	W46	CR11(+)	16		CR12(+)	16			
	14 AWG	WHITE	W46	CR11(+)	16		CR10(+)	16			
	14 AWG	WHITE	W46	CR11(-)	16		CR12(-)	16			
	14 AWG	WHITE	W46	CR11(-)	16		CR10(-)	16			
	14 AWG	WHITE	W46	CR11(AC)	16		R058-1		J		
	14 AWG	WHITE	W46	CR12(+)	16		CR11(+)	16			
	14 AWG	WHITE	W46	CR12(-)	16		CR11(-)	16			
	14 AWG	WHITE	W46	CR12(AC)	16		R059-1		J		
				CR13(+)			E03		J	COMPONENT LEAD	
				CR13(-)			E04		J	COMPONENT LEAD	
				CR14(+)			E11		J	COMPONENT LEAD	
				CR14(-)			E12		J	COMPONENT LEAD	
				CR15(+)			E15		J	COMPONENT LEAD	
				CR15(-)			E16		J	COMPONENT LEAD	
				CR16(+)			E01		J	COMPONENT LEAD	
				CR16(-)			E02		J	COMPONENT LEAD	
	18 AWG		W36	CR19(+)	31		CR20(+)		J	BUS	
	18 AWG		W36	CR19(-)	31		CR20(-)		J	BUS	
	18 AWG	WHITE	W07	CR19(AC)		J	T04-13	06		JUMPER	
	18 AWG		W36	CR20(+)		J	CR19(+)	31		BUS	
	18 AWG		W36	CR20(+)	31		CR21(+)		J	BUS	
	18 AWG		W36	CR20(-)		J	CR19(-)	31		BUS	
	18 AWG		W36	CR20(-)	31		CR21(-)		J	BUS	
	18 AWG	WHITE	W07	CR20(AC)		J	T04-14	06		JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage, REV:L, WL.113376 (Sheet 3 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	18 AWG		W36	CR21(+)		J	CR20(+)	31		BUS	
2110	18 AWG	WHITE	W07	CR21(+)	31		L2-1	06			
	18 AWG		W36	CR21(-)		J	CR20(-)	31		BUS	
2111	18 AWG	WHITE	W07	CR21(-)	31		C12-2	03			
	18 AWG	WHITE	W07	CR21(AC)		J	T04-15	06		JUMPER	
	14 AWG		W34	CR22(+)		J	CR23(+)		J	BUS	
	14 AWG		W34	CR22(-)		J	CR23(-)		J	BUS	
	18 AWG	WHITE	W07	CR22(AC)		J	T08-13	06		JUMPER	
	14 AWG		W34	CR23(+)		J	CR24(+)		J	BUS	
	14 AWG		W34	CR23(+)		J	CR22(+)		J	BUS	
	14 AWG		W34	CR23(-)		J	CR24(-)		J	BUS	
	14 AWG		W34	CR23(-)		J	CR22(-)		J	BUS	
	18 AWG	WHITE	W07	CR23(AC)		J	T08-14	06		JUMPER	
	14 AWG		W34	CR24(+)		J	CR23(+)		J	BUS	
2124	18 AWG	WHITE	W07	CR24(+)		J	L5-1	07			
	14 AWG		W34	CR24(-)		J	CR23(-)		J	BUS	
2125	18 AWG	WHITE	W07	CR24(-)		J	C19-2	03			
	18 AWG	WHITE	W07	CR24(AC)		J	T08-15	06		JUMPER	
	18 AWG		W36	CR25(+)		J	CR26(+)		J	BUS	
	14 AWG		W34	CR25(-)		J	CR26(-)		J	BUS	
	18 AWG	WHITE	W07	CR25(AC)		J	T12-13	06			
	18 AWG		W36	CR26(+)		J	CR27(+)		J	BUS	
	18 AWG		W36	CR26(+)		J	CR25(+)		J	BUS	
	14 AWG		W34	CR26(-)		J	CR27(-)		J	BUS	
	14 AWG		W34	CR26(-)		J	CR25(-)		J	BUS	
	18 AWG	WHITE	W07	CR26(AC)		J	T12-14	06			
	18 AWG		W36	CR27(+)		J	CR26(+)		J	BUS	
2142	14 AWG	WHITE	W09	CR27(+)		J	L8-1	15			
	14 AWG		W34	CR27(-)		J	CR26(-)		J	BUS	
2143	18 AWG	WHITE	W07	CR27(-)		J	C25-2		J		
	18 AWG	WHITE	W07	CR27(AC)		J	T12-15	06			
				CR29(+)			E14		J	COMPONENT LEAD	
				CR29(-)			E13		J	COMPONENT LEAD	
				CR30(+)			E18		J	COMPONENT LEAD	
				CR30(-)			E17		J	COMPONENT LEAD	
	20 AWG		W37	CR31(+)		J	K12-X2		J	BUS	
	20 AWG		W37	CR31(+)		J	R085-2		J	BUS	
	20 AWG		W37	CR31(-)		J	K12-X1		J	BUS	
	20 AWG		W37	CR31(-)		J-W	R082-2		J	BUS WITH SLEEVING	
	20 AWG		W37	CR32(+)		J	K13-X2		J	BUS	
	20 AWG		W37	CR32(+)		J	R086-2		J	BUS	
	20 AWG	WHITE	W02	CR32(-)		J	K13-X1		J		
	18 AWG		W36	CR32(-)		J	R083-2		J	BUS	
	20 AWG		W37	CR33(+)		J	K14-X2		J	BUS	
	18 AWG		W36	CR33(+)		J	R087-2		J	BUS	
	20 AWG		W37	CR33(-)		J	K14-X1		J	BUS	
	16 AWG	WHITE	W04	CR33(-)		J	R084-2		J		
	18 AWG	WHITE	W03	E01		J	K03-A	08			
				E01		J	CR16(+)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E01		J	K03-4	01			
2238	18 AWG	WHITE	W03	E01		J	A2TB1-12	01			
	18 AWG	WHITE	W03	E02		J	K03-B	08			
				E02		J	CR16(-)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E02		J	E04		J	JUMPER	
	18 AWG	WHITE	W03	E03		J	K02-3	08			
				E03		J	CR13(+)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E04		J	K02-4	08			
	18 AWG	WHITE	W03	E04		J	E02		J	JUMPER	
				E04		J	CR13(-)			COMPONENT LEAD	
	16 AWG	WHITE	W04	E05		J	K01TB1-01	10			
				E05		J	RV1-1			COMPONENT LEAD	
2201	14 AWG	WHITE	W05	E05		J	A2 COM 2	12			
	16 AWG	WHITE	W04	E06		J	K01TB1-02	10			
	14 AWG	WHITE	W05	E06		J	K02-2	14			
				E06		J	RV1-2			COMPONENT LEAD	
	16 AWG	WHITE	W04	E07		J	K06-7	08			
				E07		J	RV2-1			COMPONENT LEAD	
2236	16 AWG	WHITE	W04	E07		J	A2TB1-11	10			
	16 AWG	WHITE	W04	E08		J	K06-8	08			
				E08		J	RV2-2			COMPONENT LEAD	
2237	16 AWG	WHITE	W04	E08		J	E19		J		
	20 AWG		W37	E09		J	K09-X1		J	BUS	
	18 AWG		W36	E09		J	R176-2		J	BUS	
	20 AWG		W37	E10		J	K09-X2		J	BUS	

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FIGURE 2-10. Power Supply, High Voltage, REV:L ,WL.113376 (Sheet 4 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	18 AWG		W36	E10		J	R179-2	44		BUS	
				E11		J	CR14(+)			COMPONENT LEAD	
	22 AWG		W38	E11		J	K07-L1	06		BUS	
2177	18 AWG	WHITE	W03	E11		J	E15		J		
2179	18 AWG	WHITE	W03	E11		J	A2TB1-04	01			
				E12		J	CR14(-)			COMPONENT LEAD	
	22 AWG		W38	E12		J	K07-L2		J	BUS	
2173	18 AWG	WHITE	W03	E12		J	A1TB1-01	01			
2178	18 AWG	WHITE	W03	E12		J	E16		J		
				E13		J	CR29(-)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E13		J	K10-X1		J		
	14 AWG	WHITE	W09	E13		J	R177-2		J		
				E14		J	CR29(+)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E14		J	K10-X2		J		
	18 AWG	WHITE	W03	E14		J	R180-2		J		
				E15		J	CR15(+)			COMPONENT LEAD	
	22 AWG		W38	E15		J	K08-L1		J	BUS	
2177	18 AWG	WHITE	W03	E15		J	E11		J		
				E16		J	CR15(-)			COMPONENT LEAD	
	22 AWG		W38	E16		J	K08-L2		J	BUS	
2178	18 AWG	WHITE	W03	E16		J	E12		J		
				E17		J	CR30(-)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E17		J	K11-X1		J		
	18 AWG		W36	E17		J	R178-2		J	BUS	
				E18		J	CR30(+)			COMPONENT LEAD	
	18 AWG	WHITE	W03	E18		J	K11-X2		J		
	18 AWG		W36	E18		J	R181-2	44		BUS	
2237	16 AWG	WHITE	W04	E19		J	E08		J		
2129	6 AWG		W14	E19	49		A2 COM 2	49			
	20 AWG	WHITE	W02	GND		J	K12-B1		J	JUMPER	
	20 AWG	WHITE	W02	GND		J	K14-B1		J		
W01B		SHIELD		GND			GND				
W01B		SHIELD		GND			GND				
W02B		SHIELD		GND			GND				
W02B		SHIELD		GND			GND				
W03B		SHIELD		GND			GND				
W04B		SHIELD		GND			GND				
W04B		SHIELD		GND			GND				
2249C		SHIELD		GND	01		OPEN				
2251C		SHIELD		GND	01		OPEN				
	20 AWG	WHITE	W02	GND	05		K10-B1		J		
	20 AWG	WHITE	W02	GND	05		K11-B1		J		
	20 AWG	WHITE	W02	GND	05		K13-B1		J		
	20 AWG	WHITE	W02	GND	05		K17-5		J		
	18 AWG	WHITE	W07	GND	05		R121-2		J		
	18 AWG	WHITE	W07	GND	05		R122-2		J		
	18 AWG	WHITE	W07	GND	06	J	R040-2		J		
	20 AWG	WHITE	W02	GND	07		XK15-05	09			
	20 AWG	WHITE	W02	GND	07		XK19-05	09			
	20 AWG	WHITE	W02	GND	08		K09-B1		J		
2115B		SHIELD		GND	08	G	OPEN			TIE TO SAME POINT	
2133B		SHIELD		GND	08	G	OPEN			TIE TO SAME POINT	
2151B		SHIELD		GND	08	G				TIE TO SAME POINT	
2171B		SHIELD		GND	08	G	OPEN			ALL GND SHLD	
2190B		SHIELD		GND	08	G	OPEN			TIE TO SAME POINT	
2195B		SHIELD		GND	08	G	OPEN			TIE TO SAME POINT	
2205C		SHIELD		GND	08		Z1TB1-02	10			
	14 AWG	WHITE	W05	GND	13		R180-2	13			
	14 AWG	WHITE	W05	GND	13		R181-2	13			
	16 AWG	WHITE	W04	GND	13		T14-X2				
2206C		SHIELD		GND	13		OPEN				
2207C		SHIELD		GND	13		OPEN				
2245C		SHIELD		GND	14		Z2TB1-02	10	G		
2245C		SHIELD		GND	14		Z2TB1-02	10			
	16 AWG	WHITE	W04	GND	15		R056-2		J		
	16 AWG	WHITE	W04	GND	15		R072-2		J		
	16 AWG	WHITE	W04	GND	15		C26(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	15		C27(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	15		C28(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	15		C29(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	15		C30(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	15		C31(-)	13		JUMPER	
	16 AWG	WHITE	W04	GND	41	G	T15-X1				
2220	12 AWG	WHITE	W10	J1-1			S3-COM	17			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
2254	12 AWG	WHITE	W10	J1-1			J2-1				
2221	12 AWG	WHITE	W10	J1-2			XDS1-2	17			
2255	12 AWG	WHITE	W10	J1-2			J2-2				
	12 AWG	WHITE	W10	J2-1			J1-1				
2222	12 AWG	WHITE	W10	J2-1			A2CB9-2	16			
	12 AWG	WHITE	W10	J2-2			J1-2				
2223	12 AWG	WHITE	W10	J2-2			COMM N3				
	8 AWG	WHITE	W26	K01-1	58		T16-H2				
	8 AWG	WHITE	W26	K01-2	35	F	RV08-1	58	F		
	8 AWG	WHITE	W26	K01-2	58	F	RV05-1	58	F		
	8 AWG	WHITE	W26	K01-3	58		T15-H2	39			
	8 AWG	WHITE	W26	K01-4	35	F	RV10-2	58	F		
	8 AWG	WHITE	W26	K01-4	58	F	RV06-1	58	F		
	8 AWG	WHITE	W26	K01-5	35	E	T17-H2	39	E		
	8 AWG	WHITE	W26	K01-6	35	F	RV10-1	58	F		
	8 AWG	WHITE	W26	K01-6	58	F	RV07-1	58	F		
	16 AWG	WHITE	W04	K01TB1-01	10		E05		J		
	16 AWG	WHITE	W04	K01TB1-02	10		E06		J		
2226	18 AWG	WHITE	W03	K01TB1-04	01		A2TB1-06	01			
2164	18 AWG	WHITE	W03	K01TB1-07	01		XK20-12	09	J		
2227	18 AWG	WHITE	W03	K01TB1-07	01		A2TB1-02	01			
2228	18 AWG	WHITE	W03	K01TB1-08	08		K03-5	01			
2229	14 AWG	WHITE	W05	K02-1	15		K03-1	10			
	14 AWG	WHITE	W05	K02-2	14		E06		J		
2271	18 AWG	WHITE	W03	K02-3	07		K06-3		J		
2230	18 AWG	WHITE	W03	K02-3	07		A2TB1-3	01			
	18 AWG	WHITE	W03	K02-4	08		E04		J		
2215	18 AWG	WHITE	W03	K02-4	08		A1TB1-01	01			
2229	14 AWG	WHITE	W05	K03-1	10		K02-1	15			
2202	14 AWG	WHITE	W05	K03-2	14		A2CB3-2	13			
2272	18 AWG	WHITE	W03	K03-3	01		K06-2	07			
	18 AWG	WHITE	W03	K03-4	01		E01		J		
2228	18 AWG	WHITE	W03	K03-5	01		K01TB1-08	08			
2232	18 AWG	WHITE	W03	K03-6	01		A2TB1-05	01			
	18 AWG		W36	K03-A	08		E01		J		
	18 AWG	WHITE	W03	K03-B	08		E02		J		
2235	16 AWG	WHITE	W04	K03-B	10		A2TB1-01	10			
2272	18 AWG	WHITE	W03	K06-2			K03-3	07			
2271	18 AWG	WHITE	W03	K06-3			K02-3	07			
2270	18 AWG	WHITE	W03	K06-4			A2TB1-13	01			
2239	18 AWG	WHITE	W03	K06-5	01		A2TB1-03	01			
	16 AWG	WHITE	W04	K06-7	08		E07		J		
	16 AWG	WHITE	W04	K06-8	08		E08		J		
	8 AWG	WHITE	W26	K06-VAC (1)			R004-1	35	F		
	8 AWG	WHITE	W26	K06-VAC (2)			R005-2	35	F		
	14 AWG	WHITE	W46	K07 COM		J	L3-1	16			
	22 AWG		W38	K07-L1	06		E11		J	BUS	
	22 AWG		W38	K07-L2		J	E12		J	BUS	
	14 AWG	WHITE	W46	K07-NO		J	R044-1	13			
	14 AWG	WHITE	W46	K08-COM		J	L6-1	16			
	22 AWG		W38	K08-L1		J	E15		J	BUS	
	22 AWG		W38	K08-L2		J	E16		J	BUS	
	14 AWG	WHITE	W46	K08-NO		J	R060-1		J		
2152	20 AWG	WHITE	W02	K09-A2		J	A1TB1-02	01			
2162	20 AWG	WHITE	W02	K09-A2		J	XK16-12	09	J		
	20 AWG	WHITE	W02	K09-B1		J	GND	08			
2153	18 AWG	WHITE	W03	K09-B2		J	A1TB1-09	01			
2154	18 AWG	WHITE	W03	K09-B2		J	K10-B2		J		
	20 AWG		W37	K09-X1		J	E09		J	BUS	
	20 AWG		W37	K09-X2		J	E10		J	BUS	
2175	20 AWG	WHITE	W02	K10-A2		J	XK17-12	09			
2191	20 AWG	WHITE	W02	K10-A2		J	K11-A2		J		
	20 AWG	WHITE	W02	K10-B1		J	GND	05			
2154	18 AWG	WHITE	W03	K10-B2		J	K09-B2		J		
2180	18 AWG	WHITE	W03	K10-B2 COM		J	XK18-09	09			
	18 AWG	WHITE	W03	K10-X1		J	E13		J		
	18 AWG	WHITE	W03	K10-X2		J	E14		J		
2191	20 AWG	WHITE	W02	K11-A2		J	K10-A2		J		
2200	20 AWG	WHITE	W02	K11-A2		J	A1TB1-02	01			
	20 AWG	WHITE	W02	K11-B1		J	GND	05			
2150	18 AWG	WHITE	W03	K11-B2		J	K14-B2		J		
2192	18 AWG	WHITE	W03	K11-B2		J	XK20-09	09			
	18 AWG	WHITE	W03	K11-X1		J	E17		J		
	18 AWG	WHITE	W03	K11-X2		J	E18		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
2112	20 AWG	WHITE	W02	K12-A2		J	K13-A2		J		
	20 AWG	WHITE	W02	K12-B1		J	GND		J	JUMPER	
2113	18 AWG	WHITE	W03	K12-B2		J	A2TB1-12	01			
2114	18 AWG	WHITE	W03	K12-B2		J	K13-B2		J		
	20 AWG		W37	K12-X1		J	CR31(-)		J	BUS	
	20 AWG		W37	K12-X2		J	CR31(+)		J	BUS	
2112	20 AWG	WHITE	W02	K13-A2		J	K12-A2		J		
2131	20 AWG	WHITE	W02	K13-A2		J	K14-A2		J		
	20 AWG	WHITE	W02	K13-B1		J	GND	05			
2114	18 AWG	WHITE	W03	K13-B2		J	K12-B2		J		
2132	18 AWG	WHITE	W03	K13-B2		J	K14-B2		J		
	20 AWG	WHITE	W02	K13-X1		J	CR32(-)		J		
	20 AWG		W37	K13-X2		J	CR32(+)		J	BUS	
2131	20 AWG	WHITE	W02	K14-A2		J	K13-A2		J		
2149	20 AWG	WHITE	W02	K14-A2		J	XK15-12	09	J		
	20 AWG	WHITE	W02	K14-B1		J	GND		J		
2132	18 AWG	WHITE	W03	K14-B2		J	K13-B2		J		
2150	18 AWG	WHITE	W03	K14-B2		J	K11-B2		J		
	20 AWG		W37	K14-X1		J	CR33(-)		J	BUS	
	20 AWG		W37	K14-X2		J	CR33(+)		J	BUS	
	8 AWG	WHITE	W26	L1-1	29		CR03(+)	35	F		
	8 AWG	WHITE	W26	L1-2	29	F	R038-1	35	F	1	
	8 AWG	WHITE	W26	L1-2	35	F	R004-1	35	F		
2110	18 AWG	WHITE	W07	L2-1	06		CR21(+)	31			
2106	18 AWG	WHITE	W07	L2-2	06		C12-1	03			
2108	18 AWG	WHITE	W07	L2-2	08		R088-1		J		
	14 AWG	WHITE	W46	L3-1	16		K07-COM				
	14 AWG	WHITE	W46	L3-1	16		R044-2	16			
	14 AWG	WHITE	W46	L3-2	16		L4-1	16			
	14 AWG	WHITE	W46	L3-2	16		R045-1			MUST BE 17 LONG	
	14 AWG	WHITE	W46	L4-1	16		L3-2	16			
	14 AWG	WHITE	W46	L4-2	16		R047-1		J	MUST BE 17 LONG	
2124	18 AWG	WHITE	W07	L5-1	07		CR24(+)		J		
2122	18 AWG	WHITE	W07	L5-2	07		C19-1	03			
2126	18 AWG	WHITE	W07	L5-2	07		R100-1		J		
	14 AWG	WHITE	W46	L6-1	16		K08-COM		J		
	14 AWG	WHITE	W46	L6-1	16		R060-2	16			
	14 AWG	WHITE	W46	L6-2	16		L7-1	16			
	14 AWG	WHITE	W46	L6-2	16		R062-1		J	MUST BE 17 LONG	
	14 AWG	WHITE	W46	L7-1	16		L6-2	16			
	14 AWG	WHITE	W46	L7-2	16		R064-1		J	MUST BE 17 LONG	
2142	14 AWG	WHITE	W09	L8-1	15		CR27(+)		J		
2137	18 AWG	WHITE	W07	L8-2	07		C25-1	03			
2144	18 AWG	WHITE	W07	L8-2	08		R104-1		J		
2115B		SHIELD		OPEN			GND	08	G		
2133B		SHIELD		OPEN			GND	08			
2151B		SHIELD		OPEN			GND	08	G		
2171B		SHIELD		OPEN			GND	08		SAME POINT	
2190B		SHIELD		OPEN			GND	08			
2195B		SHIELD		OPEN			GND	08	G		
2206C		SHIELD		OPEN			GND	13			
2207C		SHIELD		OPEN			GND	13			
2208C		SHIELD		OPEN			A2S1-1B	15			
2209C		SHIELD		OPEN			A2S2-3T	15			
2210C		SHIELD		OPEN			A2S1-1B	15			
2211C		SHIELD		OPEN			A2S1-3T	15			
2212C		SHIELD		OPEN			A2S1-5T	15			
2213C		SHIELD		OPEN			A2S4-2T	15			
2248C		SHIELD		OPEN			A2S1-1T	15			
2249C		SHIELD		OPEN			GND	01			
2250C		SHIELD		OPEN			A2S2-1T	15			
2251C		SHIELD		OPEN			GND	01			
		SHIELD		P1		J	R179-2	05			
RG223			W44	P1-1		J	R179-1	13			
	8 AWG	WHITE	W26	R001-1	35	F	CR04(+)	35	F		
	8 AWG	WHITE	W26	R001-1	35	F	T01-R1	35	F		
	8 AWG	WHITE	W26	R001-2	35	F	C01-1	35	F		
	8 AWG	WHITE	W26	R002-1	35	F	CR05(+)	35	F		
	8 AWG	WHITE	W26	R002-1	35	F	T01-R2	35	F		
	8 AWG	WHITE	W26	R002-2	35	F	C02-1	35	F		
	8 AWG	WHITE	W26	R003-1	35	F	CR06(+)	35	F		
	8 AWG	WHITE	W26	R003-1	35	F	T01-R3	35	F		
	8 AWG	WHITE	W26	R003-2	35	F	C03-1	35	F		
	8 AWG	WHITE	W26	R004-1	35	F	K06-VAC(1)				

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage, REV:L, WL.113376 (Sheet 7 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	8 AWG	WHITE	W26	R004-1	35	F	L1-2	35	F		
	8 AWG	WHITE	W26	R005-2	35	F	K06-VAC(2)				
	8 AWG	WHITE	W26	R008-1	29	F	R018-1	29			
	8 AWG	WHITE	W26	R018-1	29	F	R008-1	29	F		
	16 AWG		W35	R018-1	38	J	R020-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R018-2		J	R020-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R019-1		J	R020-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R019-2		J	R020-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R019-2		J	R021-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R020-1		J-U	R018-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R020-1		J-U	R019-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R020-2		J-U	R018-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R020-2		J-U	R019-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R021-1		J	R023-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R021-2		J	R023-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R021-2		J-U	R019-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R022-1		J	R023-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R022-1		J	R024-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R022-2		J-U	R023-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R023-1		J-U	R021-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R023-1		J-U	R022-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R023-2		J	R022-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R023-2		J-U	R021-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R024-1		J	R026-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R024-1		J-U	R022-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R024-2		J	R026-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R025-1		J	R026-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R025-2		J	R026-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R025-2		J	R027-2		J-U	BUS WITH SLEEVING	
2278	22 AWG	WHITE	W01	R025-2		J	XA5-5		J		
	16 AWG		W35	R026-1		J-U	R024-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R026-1		J-U	R025-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R026-2		J-U	R024-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R026-2		J-U	R025-2		J	BUS WITH SLEEVING	
2292	22 AWG	WHITE	W01	R026-2		J	XA6-5		J		
	16 AWG		W35	R027-1		J	R029-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R027-2		J	R029-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R027-2		J-U	R025-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R028-1		J	R029-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R028-1		J	R030-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R028-2		J	R029-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R029-1		J-U	R027-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R029-1		J-U	R028-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R029-2		J-U	R027-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R029-2		J-U	R028-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R030-1		J	R032-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R030-1		J-U	R028-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R030-2		J	R032-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R031-2		J	R032-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R031-2		J	R032-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R031-2		J	R033-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R032-1		J-U	R030-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R032-1		J-U	R031-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R032-2		J-U	R030-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R032-2		J-U	R031-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R033-1		J	R035-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R033-2		J	R035-2		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R033-2		J-U	R031-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R034-1		J	R035-1		J-U	BUS WITH SLEEVING	
	16 AWG		W35	R034-2		J	R035-2		J-U	BUS WITH SLEEVING	
	14 AWG	WHITE	W09	R034-2		J	C10-2	18			
	16 AWG		W35	R035-1		J-U	R033-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R035-1		J-U	R034-1		J	BUS WITH SLEEVING	
	16 AWG		W35	R035-2		J-U	R033-2		J	BUS WITH SLEEVING	
	16 AWG		W35	R035-2		J-U	R034-2		J	BUS WITH SLEEVING	
	8 AWG	WHITE	W26	R038-1	35	F	L1-2	29	F	1	
	8 AWG	WHITE	W26	R038-2	35	F	R039-1	35	F		
	8 AWG	WHITE	W26	R039-1	35	F	R038-2	35	F		
	8 AWG	WHITE	W26	R039-2	35	F	S2-1	35	F		
2171A	18 AWG	WHITE	W17	R040-1		J	A2S3-1B	06			
	18 AWG	WHITE	W07	R040-2		J	GND	06	J		
	14 AWG	WHITE	W46	R041-1		J	CR07(AC)	16			
	14 AWG	WHITE	W46	R041-1		J	T06-H2	16			
	16 AWG	WHITE	W04	R041-2		J	C14-1		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
14 AWG	WHITE	W46	R042-1			J	CR08(AC)	16			
16 AWG	WHITE	W04	R042-2			J	C15-1		J		
14 AWG	WHITE	W46	R043-1			J	CR09(AC)	16			
14 AWG	WHITE	W46	R043-1			J	T07-H2	16			
16 AWG	WHITE	W04	R043-2			J	C16-1		J		
14 AWG	WHITE	W46	R044-1			J	CR07(+)	16			
14 AWG	WHITE	W46	R044-1		13		K07-NO		J		
14 AWG	WHITE	W46	R044-2		16		L3-1	16			
14 AWG		W34	R045-1			J	R046-1		J	BUS	
14 AWG	WHITE	W46	R045-1			J	L3-2	16		MUST BE 17 IN LONG	
14 AWG		W34	R045-2			J	R046-2		J	BUS	
14 AWG		W34	R046-1			J	R045-1		J	BUS	
14 AWG	WHITE	W46	R046-2			J	C17-1	50			
14 AWG		W34	R046-2			J	R045-2		J	BUS	
14 AWG		W34	R047-1			J	R048-1		J	BUS	
14 AWG	WHITE	W46	R047-1			J	L4-2	16		MUST BE 17 IN LONG	
14 AWG		W34	R047-2			J	R048-2		J	BUS	
14 AWG		W34	R048-1			J	R050-1		J	BUS	
14 AWG		W34	R048-1			J	R047-1		J	BUS	
14 AWG	WHITE	W46	R048-2			J	C18-1	50			
14 AWG		W34	R048-2			J	R047-2		J	BUS	
14 AWG		W34	R049-1			J	R050-1		J	BUS	
14 AWG		W34	R049-1			J	R055-1		J	BUS	
14 AWG		W34	R049-2			J	R051-1		J	BUS	
14 AWG		W34	R050-1			J	R048-1		J	BUS	
14 AWG		W34	R050-1			J	R049-1		J	BUS	
14 AWG		W34	R050-2			J	R052-1		J	BUS	
14 AWG		W34	R051-1			J	R052-1		J	BUS	
14 AWG		W34	R051-1			J	R049-2		J	BUS	
14 AWG		W34	R051-2			J	R053-1		J	BUS	
14 AWG		W34	R052-1			J	R050-2		J	BUS	
14 AWG		W34	R052-1			J	R051-1		J	BUS	
14 AWG		W34	R052-2			J	R054-1		J	BUS	
14 AWG		W34	R053-1			J	R054-1		J	BUS	
14 AWG		W34	R053-1			J	R051-2		J	BUS	
14 AWG		W34	R053-2			J	R054-2		J	BUS	
14 AWG	WHITE	W09	R053-2			J	C17-2	11			
14 AWG		W34	R054-1			J	R052-2		J	BUS	
14 AWG		W34	R054-1			J	R053-1		J	BUS	
14 AWG		W34	R054-2			J	R177-1		J	BUS	
14 AWG		W34	R054-2			J	R053-2		J	BUS	
14 AWG		W34	R055-1			J	R049-1		J	BUS	
14 AWG	WHITE	W46	R055-2		19		S2-2	16			
2190A	18 AWG	WHITE	W17	R056-1		J	A2S3-2B	06			
16 AWG	WHITE	W04	R056-2		15		GND				
14 AWG	WHITE	W46	R057-1			J	T10-H2	16			
14 AWG	WHITE	W46	R057-1			J	CR10(AC)	16			
14 AWG	WHITE	W05	R057-2			J	C20-1	12			
14 AWG	WHITE	W46	R058-1			J	CR11(AC)	16			
14 AWG	WHITE	W05	R058-2			J	C21-1	12			
14 AWG	WHITE	W46	R059-1			J	T11-H2	16	J		
14 AWG	WHITE	W46	R059-1			J	CR12(AC)	16			
14 AWG	WHITE	W05	R059-2			J	C22-1	12			
14 AWG	WHITE	W46	R060-1			J	K08-NO		J		
14 AWG	WHITE	W46	R060-1		16		CR10(+)	16			
14 AWG	WHITE	W46	R060-2		16		L6-1	16			
14 AWG		W34	R061-1			J	R062-1		J	BUS	
14 AWG		W34	R061-2			J	R062-2		J	BUS	
14 AWG	WHITE	W46	R061-2			J	C23-1	50			
14 AWG	WHITE	W46	R062-1			J	L6-2	16		MUST BE 17 IN LONG	
14 AWG		W34	R062-1			J	R061-1		J	BUS	
14 AWG		W34	R062-2			J	R061-2		J	BUS	
14 AWG		W34	R063-1			J	R064-1		J	BUS	
14 AWG	WHITE	W46	R063-1			J	R065-1		J		
14 AWG		W34	R063-2			J	R064-2		J	BUS	
14 AWG	WHITE	W46	R063-2			J	C24-1	50			
14 AWG	WHITE	W46	R064-1			J	L7-2	16		MUST BE 17 IN LONG	
14 AWG		W34	R064-1			J	R063-1		J	BUS	
14 AWG		W34	R064-2			J	R063-2		J	BUS	
14 AWG		W34	R065-1			J	R066-1		J	BUS	
14 AWG	WHITE	W46	R065-1			J	R063-1		J		
14 AWG		W34	R065-2			J	R067-1		J	BUS	
14 AWG		W34	R066-1			J	R071-1		J	BUS	
14 AWG		W34	R066-1			J	R065-1		J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage, REV:L ,WL.113376 (Sheet 9 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
14 AWG			W34	R066-2		J	R068-2		J	BUS	
14 AWG			W34	R067-1		J	R068-1		J	BUS	
14 AWG			W34	R067-1		J	R065-2		J	BUS	
14 AWG			W34	R067-2		J	R069-1		J	BUS	
14 AWG			W34	R068-1		J	R067-1		J	BUS	
14 AWG			W34	R068-2		J	R070-1		J	BUS	
14 AWG			W34	R068-2		J	R066-2		J	BUS	
14 AWG			W34	R069-1		J	R070-1		J	BUS	
14 AWG			W34	R069-1		J	R067-2		J	BUS	
14 AWG			W34	R069-2		J	R070-2		J	BUS	
14 AWG	WHITE		W09	R069-2		J	C23-2	11			
14 AWG			W34	R070-1		J	R068-2		J	BUS	
14 AWG			W34	R070-1		J	R069-1		J	BUS	
14 AWG			W34	R070-2		J	R178-1		J	BUS	
14 AWG			W34	R070-2		J	R069-2		J	BUS	
14 AWG			W34	R071-1		J	R066-1		J	BUS	
14 AWG	WHITE		W46	R071-2	19		S2-3	16			
2195A	18 AWG	WHITE	W17	R072-1		J	A2S3-3B	06			
16 AWG	WHITE		W04	R072-2	15	J	GND	15			
18 AWG			W36	R082-1		J	R085-1		J	BUS WITH SLEEVING	
20 AWG			W37	R082-2		J	CR31(-)		J	BUS WITH SLEEVING	
18 AWG			W36	R082-2		J	R082-3 SLIDER		J	BUS	
18 AWG			W36	R082-3 WPR		J	R082-2 WPR		J	BUS	
18 AWG			W36	R083-1		J	R086-1	01	J	BUS	
18 AWG			W36	R083-2		J	CR32(-)		J	BUS	
18 AWG			W36	R083-2		J	R083-3 SLIDER		J	BUS	
18 AWG			W36	R083-3 WPR		J	R083-2		J	BUS	
18 AWG			W36	R084-1		J	R087-1		J	BUS	
16 AWG	WHITE		W04	R084-2		J	CR33(-)		J		
18 AWG			W36	R084-2		J	R084-3 SLIDER		J	BUS	
18 AWG			W36	R084-3 WPR		J	R084-2		J	BUS	
16 AWG	WHITE		W04	R085-1		J	C32(-)	13			
18 AWG			W36	R085-1		J-V	R082-1		J	BUS WITH SLEEVING	
20 AWG			W37	R085-2		J	CR31(+)		J	BUS	
18 AWG			W36	R085-2		J	R182-1	44		BUS	
16 AWG	WHITE		W04	R086-1		J	C33(-)	13			
18 AWG			W36	R086-1	01	J	R083-1		J	BUS	
20 AWG			W37	R086-2		J	CR32(+)		J	BUS	
18 AWG			W36	R086-2		J	R183-1	44		BUS	
16 AWG	WHITE		W04	R087-1		J	C34(-)		J		
18 AWG			W36	R087-1		J	R084-1		J	BUS	
18 AWG			W36	R087-2		J	R184-1	44		BUS	
18 AWG			W36	R087-2		J	CR33(+)		J	BUS	
18 AWG			W36	R088-1		J	R089-1		J-V	BUS WITH SLEEVING	
2108	18 AWG	WHITE	W07	R088-1		J	L2-2	08			
18 AWG			W36	R088-2		J	R090-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R089-1		J-V	R088-1		J	BUS WITH SLEEVING	
18 AWG			W36	R089-2		J	R091-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R090-1		J	R091-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R090-1		J-V	R088-2		J	BUS WITH SLEEVING	
18 AWG			W36	R090-2		J	R092-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R091-1		J-V	R089-2		J	BUS WITH SLEEVING	
18 AWG			W36	R091-1		J-V	R090-1		J	BUS WITH SLEEVING	
18 AWG			W36	R091-2		J	R093-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R092-1		J-V	R090-2		J	BUS WITH SLEEVING	
18 AWG			W36	R092-2		J	R094-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R093-1		J-V	R091-2		J	BUS WITH SLEEVING	
18 AWG			W36	R093-2		J	R095-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R094-1		J	R095-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R094-1		J-V	R092-2		J	BUS WITH SLEEVING	
18 AWG			W36	R094-2		J	R096-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R095-1		J-V	R093-2		J	BUS WITH SLEEVING	
18 AWG			W36	R095-1		J-V	R094-1		J	BUS WITH SLEEVING	
18 AWG			W36	R095-2		J	R097-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R096-1		J	R097-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R096-1		J-V	R094-2		J	BUS WITH SLEEVING	
18 AWG			W36	R096-2		J	R098-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R097-1		J-V	R095-2		J	BUS WITH SLEEVING	
18 AWG			W36	R097-1		J-V	R096-1		J	BUS WITH SLEEVING	
18 AWG			W36	R097-2		J	R099-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R098-1		J	R099-1		J-V	BUS WITH SLEEVING	
18 AWG			W36	R098-1		J-V	R096-2		J	BUS WITH SLEEVING	
18 AWG			W36	R098-2		J	R099-2		J-V	BUS WITH SLEEVING	
18 AWG			W36	R099-1		J-V	R097-2		J	BUS WITH SLEEVING	

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	18 AWG		W36	R099-1		J-V	R098-1		J	BUS WITH SLEEVING	
	18 AWG		W36	R099-2		J-V	R098-2		J	BUS WITH SLEEVING	
2103	18 AWG	WHITE	W07	R099-2		J	R173-1		J		
2109	18 AWG	WHITE	W07	R099-2		J	C12-2	03			
	14 AWG		W34	R100-1		J	R101-1		J	BUS	
2126	18 AWG	WHITE	W07	R100-1		J	L5-2	07			
	14 AWG		W34	R100-2		J	R101-2		J	BUS	
	14 AWG		W34	R101-1		J	R100-1		J	BUS	
	14 AWG		W34	R101-2		J	R102-1		J	BUS	
	14 AWG		W34	R101-2		J	R100-2		J	BUS	
	14 AWG		W34	R102-1		J	R103-1		J	BUS	
	14 AWG		W34	R102-1		J	R101-2		J	BUS	
	14 AWG		W34	R102-2		J	R103-2		J	BUS	
2128	18 AWG	WHITE	W07	R102-2		J	R174-1		J		
	14 AWG		W34	R103-1		J	R102-1		J	BUS	
	14 AWG		W34	R103-2		J	R102-2		J	BUS	
2127	18 AWG	WHITE	W07	R103-2		J	C19-2	03			
	18 AWG		W36	R104-1		J	R105-1		J-V	BUS WITH SLEEVING	
2144	18 AWG	WHITE	W07	R104-1		J	L8-2	08			
	18 AWG		W36	R104-2		J	R105-2		J-V	BUS WITH SLEEVING	
	18 AWG		W36	R105-1		J-V	R104-1		J	BUS WITH SLEEVING	
	18 AWG		W36	R105-2		J	R106-1		J-V	BUS WITH SLEEVING	
	18 AWG		W36	R105-2		J-V	R104-2		J	BUS WITH SLEEVING	
	18 AWG		W36	R106-1		J	R107-1		J-V	BUS WITH SLEEVING	
	18 AWG		W36	R106-1		J-V	R105-2		J	BUS WITH SLEEVING	
	18 AWG		W36	R106-2		J	R107-2		J-V	BUS WITH SLEEVING	
2146	18 AWG	WHITE	W07	R106-2		J	R175-1		J		
	18 AWG		W36	R107-1		J-V	R106-1		J	BUS WITH SLEEVING	
	18 AWG		W36	R107-2		J-V	R106-2		J	BUS WITH SLEEVING	
2145	18 AWG	WHITE	W07	R107-2		J	C25-2		J		
2104	18 AWG	WHITE	W07	R108-1		J	S2-4	04			
2130	18 AWG	WHITE	W07	R112-1		J	S2-5	04			
2167	18 AWG	WHITE	W07	R116-1		J	S2-6	04			
2115A	18 AWG	WHITE	W17	R120-1		J	A2S3-5B	08			
2133A	18 AWG	WHITE	W17	R121-1		J	A2S3-6B	08			
	18 AWG	WHITE	W07	R121-2		J	GND	05			
2151A	18 AWG	WHITE	W17	R122-1		J	A2S3-7B	08			
	18 AWG	WHITE	W07	R122-2		J	GND	05			
	14 AWG	WHITE	W46	R123-1		J	S2-1	18			
	14 AWG	WHITE	W46	R143-1		J	S2-2	18			
	14 AWG	WHITE	W46	R158-1		J	S2-3	18			
2103	18 AWG	WHITE	W07	R173-1		J	R099-2		J		
	16 AWG	WHITE	W04	R173-1	13		C32(-)	13			
	16 AWG	WHITE	W04	R174-1		J	C33(-)	13			
2128	18 AWG	WHITE	W07	R174-1		J	R102-2		J		
	16 AWG	WHITE	W04	R175-1		J	C34(-)	13			
2146	18 AWG	WHITE	W07	R175-1		J	R106-2		J		
	18 AWG		W36	R176-1		J	R179-1	44		BUS	
	18 AWG		W36	R176-2		J	E09		J	BUS	
	18 AWG		W36	R176-2		J	R176-3 WPR		J	BUS	
	18 AWG		W36	R176-3(WPR)		J	R176-2		J	BUS	
	14 AWG		W34	R176-3(WPR)		J	R177-2		J	BUS	
	14 AWG		W34	R177-1		J	R180-1	38			
	14 AWG		W34	R177-1		J	R054-2		J	BUS	
	14 AWG	WHITE	W09	R177-2		J	E13		J		
	14 AWG		W34	R177-2		J	R177-3 WPR		J	BUS	
	14 AWG		W34	R178-1		J	R181-1	38			
	14 AWG		W34	R178-1		J	R070-2		J	BUS	
	18 AWG		W36	R178-2		J	E17		J	BUS	
	14 AWG		W34	R178-2		J	R178-3 WPR		J	BUS JUMPER	
	14 AWG		W34	R178-3(WPR)		J	R178-2		J	BUS	
RG 223			W44	R179-1	13		P1-1		J		
	18 AWG		W36	R179-1	44		R176-1		J	BUS	
		SHIELD		R179-2	05		P1		J		
	18 AWG		W36	R179-2	44		E10		J	BUS	
	14 AWG		W34	R180-1	38		R177-1		J	BUS	
	18 AWG	WHITE	W03	R180-2		J	E14		J		
	14 AWG	WHITE	W03	R180-2	13		GND	13			
	14 AWG		W34	R181-1	38		R178-1		J		
	14 AWG	WHITE	W05	R181-2	13		GND	13			
	18 AWG		W36	R181-2	44		E18		J	BUS	
	18 AWG		W36	R182-1	44		R085-2		J	BUS	
	16 AWG	WHITE	W04	R182-1 GND	13		C32(+)	13			
	18 AWG		W36	R183-1	44		R086-2		J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

Change 1 2-67

FIGURE 2-10. Power Supply, High Voltage, REV:L ,WL.113376 (Sheet 11 of 15)

TO 31P6-2FPS118-83

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	16 AWG	WHITE	W04	R183-2	13		C33(+)	13			
	18 AWG		W36	R184-1	44		R087-2		J	BUS	
	16 AWG	WHITE	W04	R184-2	13		C34(+)	13			
	18 AWG	WHITE	W03	R185-1	05		CR34(+)		J	JUMPER	
2155	14 AWG	WHITE	W05	R185-1	13	J	T02-X1	14		TWIST WITH 2156	
	18 AWG		W36	R185-2	05		CR36(-)		J	BUS	
2156	14 AWG	WHITE	W05	R185-2	13		T02-X2	14		TWIST WITH 2155	
	18 AWG	WHITE	W03	R186-1	05		CR38(+)		J		
2160	14 AWG	WHITE	W05	R186-1	13		T03-X1	13		TWIST WITH 2161	
	18 AWG	WHITE	W03	R186-2	08		CR40(-)		J		
2161	14 AWG	WHITE	W05	R186-2	13		T03-X2	13		TWIST WITH 2160	
	18 AWG		W36	R191-1		J	R192-2		J	BUS	
	18 AWG	WHITE	W03	R191-1		J	XK21-14	09			
	18 AWG	WHITE	W03	R191-2		J	XK21-13	09			
2234	16 AWG	WHITE	W04	R191-2		J	A2CB8-2	13			
	16 AWG	WHITE	W04	R192-1		J	XHR1-HOT	14			
	18 AWG		W36	R192-2		J	R191-1		J	BUS	
2273	22 AWG	WHITE	W01	R193-1		J	XA5-6		J		
2274	22 AWG	WHITE	W01	R193-2		J	XA5-7		J		
2279	22 AWG	WHITE	W01	R195-1		J	XA5-2		J		
2280	22 AWG	WHITE	W01	R195-2		J	XA5-3		J		
2277	22 AWG	WHITE	W01	R205-1		J	XA5-41		J		
2291	22 AWG	WHITE	W01	R206-1		J	XA6-4		J		
2306	22 AWG	WHITE	W01	R207-1		J	XA7-4		J		
2307	22 AWG	WHITE	W01	R207-2		J	XA7-5		J		
2181	14 AWG	WHITE	W05	R78-1		J	T06-X1	13		TWIST WITH 2182	
2287	22 AWG	WHITE	W01	R78-1		J	XA6-2		J		
2182	14 AWG	WHITE	W05	R78-2		J	T06-X2	13		TWIST WITH 2181	
2288	22 AWG	WHITE	W01	R78-2		J	XA6-3		J		
2183	14 AWG	WHITE	W05	R79-1		J	T07-X1	13		TWIST WITH 2184	
2295	22 AWG	WHITE	W01	R79-1		J	XA6-6		J		
2184	14 AWG	WHITE	W05	R79-2		J	T07-X2	13		TWIST WITH 2183	
2296	22 AWG	WHITE	W01	R79-2		J	XA6-7		J		
2302	22 AWG	WHITE	W01	R80-1		J	XA7-2		J		
2193	14 AWG	WHITE	W09	R80-1	13	J	T10-X1	13		TWIST WITH 2194	
2303	22 AWG	WHITE	W01	R80-2		J	XA7-3		J		
2303	22 AWG	WHITE	W01	R80-2		J	XA7-3		J		
2194	14 AWG	WHITE	W09	R80-2	13	J	T10-X2	13		TWIST WITH 2193	
2308	22 AWG	WHITE	W01	R81-1		J	XA7-6		J		
2196	14 AWG	WHITE	W09	R81-1	13	J	T11-X1	13	J	TWIST WITH 2197	
2309	22 AWG	WHITE	W01	R81-2		J	XA7-7		J		
2197	14 AWG	WHITE	W09	R81-2	13	J	T11-X2	13	J	TWIST WITH 2196	
	8 AWG	WHITE	W26	RV05-1	58	F	K01-2	58	F		
	8 AWG	WHITE	W26	RV05-1	58	F	T01-H1A	35	F		
	8 AWG	WHITE	W26	RV06-1	58	F	K01-4	58	F		
	8 AWG	WHITE	W26	RV06-1	58	F	T01-H2A	35	F		
	8 AWG	WHITE	W26	RV07-1	58	F	K01-6	58	F		
	8 AWG	WHITE	W26	RV07-1	58	F	T01-H3A	35	F		
	8 AWG	WHITE	W26	RV08-1	58	F	K01-2	35	F		
	8 AWG	WHITE	W26	RV08-1	58	F	RV09-1	58	F		
	8 AWG	WHITE	W26	RV08-2	58	F	RV10-1	58	F		
	8 AWG	WHITE	W26	RV09-1	58	F	RV08-1	58	F		
	8 AWG	WHITE	W26	RV09-2	58	F	RV10-2	58	F		
				RV1-1			E05		J	COMPONENT LEAD	
				RV1-2			E06		J	COMPONENT LEAD	
	8 AWG	WHITE	W26	RV10-1	58	F	K01-6	35	F		
	8 AWG	WHITE	W26	RV10-1	58	F	RV08-2	58	F		
	8 AWG	WHITE	W26	RV10-2	58	F	K01-4	35	F		
				RV2-1			E07		J	COMPONENT LEAD	
				RV2-2			E08		J	COMPONENT LEAD	
				RV3-2			T15-X2			COMPONENT LEAD-NO LUGS-NO S	
				RV4-1			T14-X1			COMPONENT LEAD-NO LUGS-NO S	
				RV4-2			T14-X2			COMP. LEAD-NO LUGS-NO SLDR	
2267	8 AWG	WHITE	W26	RV5-1	58	F	T09-H1	35	F 2		
2268	8 AWG	WHITE	W26	RV6-1	58	F	T09-H2	35	F 2		
2269	8 AWG	WHITE	W26	RV7-1	58	F	T09-H3	35	F 2		
2240	18 AWG	WHITE	W03	S1-COM		J	S4-NO		J		
2242	20 AWG	WHITE	W02	S1-NC		J	S2S1-NC		J		
2241	18 AWG	WHITE	W03	S1-NO		J	S2S1-COM		J		
	14 AWG	WHITE	W46	S2-1	18		R123-1		J		
	8 AWG	WHITE	W26	S2-1	35	E	R039-2	35	E		
	14 AWG	WHITE	W46	S2-2	16		R055-2	19			
	14 AWG	WHITE	W46	S2-2	18		R143-1		J		
	14 AWG	WHITE	W46	S2-3	16		R071-2	19			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	14 AWG	WHITE	W46	S2-3	18		R158-1		J		
2104	18 AWG	WHITE	W07	S2-4	04		R108-1		J		
2107	14 AWG	WHITE	W09	S2-4	12		C12-1	11			
2130	18 AWG	WHITE	W07	S2-5	04		R112-1		J		
2123	14 AWG	WHITE	W09	S2-5	12		C19-1	11			
2167	18 AWG	WHITE	W07	S2-6	04		R116-1		J		
2138	14 AWG	WHITE	W09	S2-6	12		C25-1	11			
2241	18 AWG	WHITE	W03	S2S1-COM		J	S1-NO		J		
2242	20 AWG	WHITE	W02	S2S1-NC		J	S1-NC		J		
2220	12 AWG	WHITE	W10	S3-COM	17		J1-1				
2231	12 AWG	WHITE	W10	S3-NO			XDS1-1	17			
2240	18 AWG	WHITE	W03	S4-NO		J	S1-COM		J		
	8 AWG	WHITE	W26	T01-H1A	35	F	RV05-1	58	F		
	8 AWG	WHITE	W26	T01-H2A	35	F	RV06-1	58	F		
	8 AWG	WHITE	W26	T01-H3A	35	F	RV07-1	58	F		
	8 AWG	WHITE	W26	T01-R0	35	F	C01-2	35	F		
	8 AWG	WHITE	W26	T01-R1	35	F	R001-1	35	F		
	8 AWG	WHITE	W26	T01-R2	35	F	R002-1	35	F	OUTE THROUGH T13	
	8 AWG	WHITE	W26	T01-R3	35	F	R003-1	35	F		
2155	14 AWG	WHITE	W05	T02-X1	13		R193-1	13	J	TWIST WITH 2156	
2156	14 AWG	WHITE	W05	T02-X2	13	J	R193-2	13		TWIST WITH 2155	
2160	14 AWG	WHITE	W05	T03-X1	13	J	R195-1	13	J	TWIST WITH 2161	
2161	14 AWG	WHITE	W05	T03-X2	13	J	R195-2	13	J	TWIST WITH 2160	
	14 AWG	WHITE	W05	T04-01	41		T04-11	41		JUMPER	
2102	14 AWG	WHITE	W05	T04-01	41		A2K01-2	15			
	14 AWG	WHITE	W05	T04-03	41		T04-05	41		JUMPER	
	14 AWG	WHITE	W05	T04-05	41		T04-03	41		JUMPER	
2101	14 AWG	WHITE	W05	T04-05	41		A2K01-4	15			
	14 AWG	WHITE	W05	T04-07	41		T04-09	41		JUMPER	
	14 AWG	WHITE	W05	T04-09	10		T04-07	10		JUMPER	
2100	14 AWG	WHITE	W05	T04-09	41		A2K01-6	15			
	14 AWG	WHITE	W05	T04-11	41		T04-01	41		JUMPER	
	18 AWG	WHITE	W07	T04-13	06		CR19(AC)		J	JUMPER	
	18 AWG	WHITE	W07	T04-14	06		CR20(AC)		J	JUMPER	
	18 AWG	WHITE	W07	T04-15	06		CR21(AC)		J	JUMPER	
	8 AWG	WHITE	W26	T05-H1A	35	F	T09-H1A	35	F	JUMPER	
	8 AWG	WHITE	W26	T05-H2A	35	F	T09-H2A	35	F	JUMPER	
	8 AWG	WHITE	W26	T05-H2A	35	F	T09-H1A	35	F	JUMPER	
	8 AWG	WHITE	W26	T05-H3A	35	F	T09-H3A	35	F	JUMPER	
	14 AWG	WHITE	W46	T05-R0	16		C16-2	16			
	14 AWG	WHITE	W46	T05-R1	16		T06-H1	16			
	14 AWG	WHITE	W46	T05-R2	16		T26-H1		J		
	14 AWG	WHITE	W46	T05-R3	16		T07-H1	16			
	14 AWG	WHITE	W46	T06-H1	16		T05-R1	16			
W01A	14 AWG	BLACK	W54	T06-H1	37		T06-H2	37		3 TURNS-33.5" REF P/N 149888-1	
	14 AWG	WHITE	W46	T06-H2	16		R041-1		J		
W01A	14 AWG	BLACK	W54	T06-H2	37		T06-H1	37		3 TURNS-33.5" REF P/N 149888-1	
2181	14 AWG	WHITE	W05	T06-X1	13		R78-1		J	TWIST WITH 2182	
2182	14 AWG	WHITE	W05	T06-X2	13		R78-2		J	TWIST WITH 2181	
W02A	14 AWG			T07-H1			T07-H2			3 TURNS-33.5" REF P/N 149888-2	
	14 AWG	WHITE	W46	T07-H1	16		T05-R3	16			
	14 AWG	WHITE	W46	T07-H2	16		R043-1		J		
W02A	14 AWG	GRAY	W52	T07-H2	16		T07-H1	16		3 TURNS-33.5" REF P/N 149888-2	
2183	14 AWG	WHITE	W05	T07-X1	13		R79-1		J	TWIST WITH 2184	
2184	14 AWG	WHITE	W03	T07-X2	13		R79-2		J	TWIST WITH 2183	
2117	14 AWG	WHITE	W05	T08-01	10		A2K02-02	15			
	14 AWG	WHITE	W05	T08-01	14		T08-11	10		JUMPER	
	14 AWG	WHITE	W05	T08-03	10		T08-05	10		JUMPER	
	14 AWG	WHITE	W05	T08-05	10		T08-03	10		JUMPER	
2118	14 AWG	WHITE	W05	T08-05	10		A2K02-04	15			
	14 AWG	WHITE	W05	T08-07	10		T08-09	10		JUMPER	
	14 AWG	WHITE	W05	T08-09	10		T08-07	10		JUMPER	
2116	14 AWG	WHITE	W05	T08-09	10		A2K02-06	15			
	14 AWG	WHITE	W05	T08-11	10		T08-01	14		JUMPER	
	18 AWG	WHITE	W07	T08-13	06		CR22(AC)		J		
	18 AWG	WHITE	W07	T08-14	06		CR23(AC)		J		
	18 AWG	WHITE	W07	T08-15	06		CR24(AC)		J		
2267	8 AWG	WHITE	W26	T09-H1	35	F	RV5-1	58	F 2		
	8 AWG	WHITE	W26	T09-H1A	35	F	T05-H1A	35	F	JUMPER	
2268	8 AWG	WHITE	W26	T09-H2	35	F	RV6-1	58	F 2		
	8 AWG	WHITE	W26	T09-H2A	35	F	T05-H2A	35	F	JUMPER	
2269	8 AWG	WHITE	W26	T09-H3	35	F	RV7-1	58	F 2		
	8 AWG	WHITE	W26	T09-H3A	35	F	T05-H3A	35	F	JUMPER	
	14 AWG	WHITE	W46	T09-R0	16		C22-2	16			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage, REV:L, WL.113376 (Sheet 13 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
	14 AWG	WHITE	W46	T09-R1	16		T10-H1	16			
	14 AWG	WHITE	W46	T09-R2	16		T27-H1		J		
	14 AWG	WHITE	W46	T09-R3	16		T11-H1	16			
	14 AWG	WHITE	W46	T10-H1	16		T09-R1	16			
W03A	14 AWG			T10-H1	16		T10-H2	16		4 TURNS-43" REF P/N 149888-3	
	14 AWG	WHITE	W46	T10-H2	16		R057-1		J		
W03A	14 AWG	GRAY	W52	T10-H2	16		T10-H1	16		4 TURNS-43" REF P/N 149888-3	
2193	14 AWG	WHITE	W09	T10-X1	13	J	R80-1	13		TWIST WITH 2194	
2194	14 AWG	WHITE	W09	T10-X2	13	J	R80-2	13		TWIST WITH 2193	
W04A	14 AWG			T11-H1			T11-H2			4 TURNS-43" REF P/N 149888-4	
	14 AWG	WHITE	W46	T11-H1	16		T09-R3	16			
	14 AWG	WHITE	W46	T11-H2	16		R059-1		J		
W04A	14 AWG	GRAY	W52	T11-H2	16		T11-H1	16		4 TURNS-43" REF P/N 149888-4	
2196	14 AWG	WHITE	W09	T11-X1	13	J	R81-1	13	J	TWIST WITH 2197	
2197	14 AWG	WHITE	W09	T11-X2	13	J	R81-2	13	J	TWIST WITH 2196	
	14 AWG	WHITE	W05	T12-01	14		T12-11	14		JUMPER	
2135	14 AWG	WHITE	W05	T12-01	41		A2K02-08	15			
	14 AWG	WHITE	W05	T12-03	41		T12-05	14		JUMPER	
	14 AWG	WHITE	W05	T12-05	14		T12-03	41		JUMPER	
2136	14 AWG	WHITE	W05	T12-05	14		A2K02-10	15			
	14 AWG	WHITE	W05	T12-07	14		T12-09	14		JUMPER	
	14 AWG	WHITE	W05	T12-09	14		T12-07	14		JUMPER	
2134	14 AWG	WHITE	W05	T12-09	14		A2K02-12	15			
	14 AWG	WHITE	W05	T12-11	14		T12-01	14		JUMPER	
	18 AWG	WHITE	W07	T12-13	06		CR25(AC)		J		
	18 AWG	WHITE	W07	T12-14	06		CR26(AC)		J		
	18 AWG	WHITE	W07	T12-15	06		CR27(AC)		J		
	14 AWG	WHITE	W46	T14-H1	18		T15-H2	18			
	14 AWG	WHITE	W46	T14-H2	18		T16-H2	50			
				T14-X1			RV4-1			COMPONENT LEAD-NO LUGS	
2205A	18 AWG	WHITE	W29	T14-X1			Z1TB1-01	01			
2206A	18 AWG	WHITE	W29	T14-X1		J	A2S2-5B	06			
				T14-X2			RV4-2			COMPONENT LEAD-NO LUGS	
	16 AWG	WHITE	W04	T14-X2			GND	13			
2206B		BLACK		T14-X2		J	A2S2-6B	06			
	14 AWG	WHITE	W46	T15-H1	16		T17-H2	43			
	14 AWG	WHITE	W46	T15-H2	16		T14-H1	16			
	8 AWG	WHITE	W26	T15-H2	39		K01-3	58			
				T15-X1			RV3-1			COMPONENT LEAD-NO LUGS	
	16 AWG	WHITE	W04	T15-X1			GND	41	G		
2207A	18 AWG	WHITE	W29	T15-X1		J	A2S2-6B	06			
				T15-X2			RV3-2			COMPONENT LEAD-NO LUGS	
2205B		BLACK		T15-X2			Z1TB1-03	01			
2207B		BLACK		T15-X2		J	A2S2-7B	06			
	8 AWG	WHITE	W26	T16-H2			K01-1	58			
	14 AWG	WHITE	W46	T16-H2	50		T14-H2	16			
2208A	14 AWG	WHITE	W27	T16-X1			A2S2-1B	15			
2208B		BLACK		T16-X2			A2S2-1T	15			
	8 AWG	WHITE	W26	T17-H2	39	E	K01-5	35	E		
	14 AWG	WHITE	W46	T17-H2	43		T15-H1	16			
2209A	14 AWG	WHITE	W27	T17-X1			A2S2-3B	15			
2209B		BLACK		T17-X2			A2S2-3T	15			
2119	6 AWG		W14	T20-H2	48		A2CB1-1	28			
2210B		BLACK		T20-X1			A2S1-1B	14			
2210A	14 AWG	WHITE	W27	T20-X2			A2S1-1T	14			
2120	6 AWG		W14	T21-H2	48	C	A2CB1-3	28	C		
2211B		BLACK		T21-X1			A2S1-3B	15			
2211A	14 AWG	WHITE	W27	T21-X2			A2S1-3T	15			
2121	6 AWG		W14	T22-H2	48	C	A2CB1-5	28	C		
2212B		BLACK		T22-X1			A2S1-5B	15			
2212A	14 AWG	WHITE	W27	T22-X2			A2S1-5T	15			
2214	12 AWG	WHITE	W10	T23-H2	50		A2CB8-1	16			
2213B		BLACK		T23-X1		J	A2S4-2B	15			
2213A	14 AWG	WHITE	W27	T23-X2		J	A2S4-2T	15			
2257	8 AWG		W13	T24-01-2	35		A2CB2-2	29			
2258	8 AWG		W13	T24-02-2	35		A2CB2-4	29			
2260	8 AWG		W13	T24-03-1	35		A2 NEUT	35			
2259	8 AWG		W13	T24-03-2	35		A2CB2-6	29			
2226	16 AWG	WHITE	W04	T24-103	12		T24-13	10			
2264	16 AWG	WHITE	W04	T24-12	10		A4TB1-05	10			
2263	16 AWG	WHITE	W04	T24-13	10		A4TB1-04	10			
2266	16 AWG	WHITE	W04	T24-13	10		T24-103	12			
2262	16 AWG	WHITE	W04	T24-203	12		A4TB1-03	10			
2261	16 AWG	WHITE	W04	T24-303	12		A4TB1-01	10			

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-10. Power Supply, High Voltage, REV:L, WL.113376 (Sheet 14 of 15)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
2275	14 AWG	WHITE	W01	T25-X1	13	J	R205-1	13	J	TWISTED WITH 2276	
2276	14 AWG	WHITE	W01	T25-X2	13	J	R205-2	13	J	TWISTED WITH 2275	
	14 AWG	WHITE	W46	T26-H1		J	T05-R2	16			
W95A				T26-H1			T26-H2			3 TURNS ON T26 P/N 149888-5	
	14 AWG	WHITE	W46	T26-H2	16	J	R042-1		J		
2293	14 AWG	WHITE	W05	T26-X1	05		R206-1		J	TWISTED WITH 2294	
2294	14 AWG	WHITE	W05	T26-X2	05	J	R206-2		J	TWISTED WITH 2293	
W06A				T27-H1			T27-H2			4 TURNS ON T27 P/N 149888-6	
	14 AWG	WHITE	W46	T27-H1	16	J	T09-R2	16			
	22 AWG	WHITE	W46	T27-H2	16	J	R058-1		J		
2304	14 AWG	WHITE	W09	T27-X1	13	J	R207-1	13	J	TWISTED WITH 2305	
2305	14 AWG	WHITE	W09	T27-X2	13	J	R207-2	13	J	TWISTED WITH 2304	
2224	12 AWG	WHITE	W10	TB01-01	16		A2 COM 3	18			
2247	12 AWG	WHITE	W10	TB01-02	51		A2CB9-1	16			
	16 AWG	WHITE	W04	TB01-04	01		A4TB1-02	10		JUMPER	
2216	14 AWG	WHITE	W05	TB01-04	13		A2 COM 2	12			
2168	16 AWG	WHITE	W04	TB01-04	14		XHR1 NEUT	14			
2297	22 AWG	WHITE	W01	TB03-1	07	J	XA6-40		J		
2180	18 AWG	WHITE	W03	TB03-2	07		K10-B2 COM		J		
2298	22 AWG	WHITE	W01	TB03-2	07	J	XA6-35		J		
2299	22 AWG	WHITE	W01	TB03-3	07	J	XA6-36		J		
2164	18 AWG	WHITE	W03	TB04-1	07		K01TB1-07	01			
2185	18 AWG	WHITE	W03	TB04-2	07		TB03-2	07			
2192	18 AWG	WHITE	W03	TB04-2	07		K11-B2		J		
2149	20 AWG	WHITE	W02	TB2-1	07		K14-A2		J		
2162	20 AWG	WHITE	W02	TB2-1	07		K09-A2		J		
2281	22 AWG	WHITE	W01	TB2-1	07		XA5-40		J		
2163	18 AWG	WHITE	W03	TB2-2	07		A1TB1-10	01			
2282	22 AWG	WHITE	W01	TB2-2	07		XA5-35		J		
2283	22 AWG	WHITE	W01	TB2-3	07		XA5-36		J		
2175	20 AWG	WHITE	W02	TB3-1	07		K10-A2		J		
2189	20 AWG	WHITE	W02	TB3-1	07		TB4-1	07			
2185	18 AWG	WHITE	W03	TB3-2	07		TB4-2	07			
2316	22 AWG	WHITE	W01	TB4-1	07	J	XA7-40		J		
2317	22 AWG	WHITE	W01	TB4-2	07	J	XA7-35		J		
2318	22 AWG	WHITE	W01	TB4-3	07	J	XA7-36		J		
2284	22 AWG	WHITE	W01	XA5-1		J	XA5-41		J		
2285	22 AWG	WHITE	W01	XA5-41		J	GND	07	J		
2286	22 AWG	WHITE	W01	XA5-8		J	K01TB1-5	07	J		
2289	22 AWG	WHITE	W01	XA5-8		J	XA7-8		J		
2300	22 AWG	WHITE	W01	XA6-1		J	XA6-41		J		
2301	22 AWG	WHITE	W01	XA6-41		J	GND		J		
2310	22 AWG	WHITE	W01	XA7-1		J	XA7-41		J		
	20 AWG	WHITE	W02	XA7-41	09	J	GND	07			
2290	22 AWG	WHITE	W01	XA7-8		J	XA6-8		J		
2231	12 AWG	WHITE	W10	XDS1-1	17		S3-NO				
2221	12 AWG	WHITE	W10	XDS1-2	17		J1-2				
2168	16 AWG	WHITE	W04	XHR1 NEUT	14		TB01-04	14			
	16 AWG	WHITE	W04	XHR1-HOT	14		R192-1		J		
2189	20 AWG	WHITE	W02	XK19-12	09		XK18-12	09			
2170	20 AWG	WHITE	W02	XK21-01	09	J	A1TB1-07	01			
2169	20 AWG	WHITE	W02	XK21-09	09	J	A1TB1-05	01			
	18 AWG	WHITE	W03	XK21-13	09		R191-2		J		
	18 AWG	WHITE	W03	XK21-14	09		R191-1		J		
2205A	18 AWG	WHITE	W29	Z1TB1-01	01		T14-X1		J		
2205C		SHIELD		Z1TB1-02	10		GND	08			
2205B		BLACK		Z1TB1-03	01		T15-X2				
2243	20 AWG	WHITE	W02	Z1TB2-01	01		Z2TB2-02	01			
	20 AWG	WHITE	W02	Z1TB2-03	08		Z2TB2-03	01			
2245A	18 AWG	WHITE	W29	Z2TB1-01	01		A2T01-X1		J		
2245C		SHIELD		Z2TB1-02	10		GND	14	G		
2245B		BLACK		Z2TB1-03	01		A2T02-X2		J		
2243	20 AWG	WHITE	W02	Z2TB2-02	01		Z1TB2-01	01			
	20 AWG	WHITE	W02	Z2TB2-03	01		Z1TB2-03	08			
2244	20 AWG	WHITE	W02	Z2TB2-03	01		A2TB1-09	01			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
1	18 AWG	WHITE	W07	T1-4	08		CR1(AC)		J		
2	18 AWG	WHITE	W07	T1-5	08		CR2(AC)		J		
3	18 AWG	WHITE	W07	T1-6	08		CR3(AC)		J		
4	16 AWG	WHITE	W08	TB1-14	14		T1-3	14			
5	16 AWG	WHITE	W08	TB1-13	14		T1-2	14			
6	16 AWG	WHITE	W08	TB1-12	14		T1-1	14			
7	18 AWG	WHITE	W07	TB1-10	01		K2-B2		J		
9	20 AWG	WHITE	W02	TB1-08	01		R15-2		J		
10	20 AWG	WHITE	W02	TB1-07	01		K1-A3		J		
11	20 AWG	WHITE	W02	TB1-06	01		K1-A2		J		
12	20 AWG	WHITE	W02	TB1-05	01		K1-A1		J		
13	20 AWG	WHITE	W02	TB1-04	01		K2-A1		J		
14	20 AWG	WHITE	W02	TB1-02	08		R13-2		J		
15	20 AWG	WHITE	W02	TB1-02	01		K2-A2		J		
16	20 AWG	WHITE	W02	TB1-01	01		CR14(-)		J		
17	20 AWG	WHITE	W02	CR15(+)		J	K3-B2		J		
22	20 AWG	WHITE	W02	R13-1		J	K3-B1		J		
18	20 AWG	WHITE	W02	CR14(-)		J	K3-X2		J		
19	20 AWG	WHITE	W02	CR14(+)		J	K3-X1		J		
20	20 AWG	WHITE	W02	CR7(-)		J	K1-X2		J		
21	20 AWG	WHITE	W02	CR7(+)		J	K1-X1		J		
	20 AWG	WHITE	W02	TB1-09	06		TB1-10	06		JUMPER	
	RG 316	WHITE	W45	Q1-G(1)		J	R4-1(GND SHLD)		J	JUMPER	
	RG 316	WHITE	W45	T3-3		J	R10-3		J	JUMPER	
	RG 316	WHITE	W45	T3-2		J	CR10(+)(GND SHLD)		J	JUMPER	
	14 AWG	WHITE	W09	T2-4	15		R11-1	15		JUMPER	
	14 AWG	WHITE	W09	R11-2	12		R12-1		J	JUMPER	
	14 AWG	WHITE	W09	R11-1	15		R12-3		J	JUMPER	
	14 AWG	WHITE	W09	T2-3	15		6V1-IGNTRON	13		JUMPER	
	20 AWG	WHITE	W02	K2-62		J	CR13(+)		J	JUMPER	
	20 AWG	WHITE	W02	K2-31		J	CR11(-)		J	JUMPER	
23	20 AWG	WHITE	W02	CR11(-)		J	R12-2		J		
24	20 AWG	WHITE	W02	CR13(+)		J	R12-1		J		
	18 AWG	WHITE	W07	T2-2	08		Q1-ANODE	04		JUMPER	
	18 AWG	WHITE	W07	T2-1	08		R1-1	08		JUMPER	
	18 AWG	WHITE	W07	R1-1	08		R2-1		J	JUMPER	
	18 AWG	WHITE	W07	T2-1	08		C1-1(+)		J	JUMPER	
	18 AWG	WHITE	W07	R1-2	08		CR1(+)		J	JUMPER	
	16 AWG	WHITE	W08	Q1-CATHODE	15		CR7(-)GND LUG	15		JUMPER	
	20 AWG	WHITE	W02	R5-2		J	CR9-1(+)		J	JUMPER	
	20 AWG	WHITE	W02	C1-2(-)		J	GND		J	1/4" FLAT BUS	
	20 AWG	WHITE	W02	CR15(-)		J	R10-2		J	JUMPER	
				R10-1		N53	GND		J	GND LUG	
	20 AWG	WHITE	W37	R2-2		J	R3-1		J	BUS	
	20 AWG	WHITE	W37	R3-2		J	CR7(+)		J	BUS	
	20 AWG	WHITE	W37	CR10(-)		J	R9-1		J	BUS	
	20 AWG	WHITE	W37	R9-1		J	R8-1		J	BUS	
	20 AWG	WHITE	W37	R8-1		J	R7-1		J	BUS	
	20 AWG	WHITE	W37	J1		J	R7-2		J	BUS	
	20 AWG	WHITE	W37	R7-2		J	R8-2		J	BUS	
	20 AWG	WHITE	W37	R9-2		J	GND LUG		J	BUS	
	RG 316	WHITE	W45	T2-2			CR8(+)(GND SHLD)				
	20 AWG	WHITE	W37	R13-1		J	R14-1		J	BUS	
	20 AWG	WHITE	W37	R14-1		J	C2-1(+)		J	BUS	
	20 AWG	WHITE	W37	C2-2(-)		J	R14-2		J	BUS	
	20 AWG	WHITE	W37	C2-2		J	GND LUG		J	BUS	
	20 AWG	WHITE	W37	CR1(+)		J	CR2(+)		J	BUS	
	20 AWG	WHITE	W37	CR2(+)		J	CR3(+)		J	BUS	
	20 AWG	WHITE	W37	CR4(-)		J	CR5(-)		J	BUS	
	20 AWG	WHITE	W37	CR5(-)		J	CR6(-)		J	BUS	
	20 AWG	WHITE	W37	CR6(-)		J	GND		J	BUS	
	20 AWG	WHITE	W37	CR7(-)		J	GND		J	BUS	
	20 AWG	WHITE	W37	CR9(-)		J	R6-2		J	BUS	
	20 AWG	WHITE	W37	R6-2		J	R4-2		J	BUS	
	20 AWG	WHITE	W37	R4-2		J	GND		J	BUS	
	20 AWG	WHITE	W37	R15-2		J	R16-2		J	BUS	
	20 AWG	WHITE	W02	R15-1		J	R16-1		J	BUS	
	20 AWG	WHITE	W02	R16-1		J	CR14(+)		J	BUS	
	16 AWG	WHITE	W35	T3-4		J	T3-1		J	BUS	
	16 AWG	WHITE	W35	T3-1		J	GND		J	BUS	
	20 AWG	WHITE	W02	K2-B1		J	GND LUG		J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-11. Crowbar, Electronic, REV: H, WL.113377

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
2300	14 AWG	WHITE	W05	TB1-1	10		K1-B	15			
2301	14 AWG	WHITE	W05	TB1-1	52		CB1-E	10			
2302	18 AWG	WHITE	W03	TB1-2	40		K4-6	06			
2303	14 AWG	WHITE	W05	TB1-3	10		K3-2	14			
2304	18 AWG	WHITE	W03	TB1-4	40		K4-4	06			
2305	18 AWG	WHITE	W03	TB1-5	40		K3-5	06			
2306	18 AWG	WHITE	W03	TB1-6	40		K1-7	06			
2307	18 AWG	WHITE	W03	TB1-7	40		CB5-(COM)		J		
2308	18 AWG	WHITE	W03	TB1-8	40		CB1-A	40			
2309	18 AWG	WHITE	W03	TB1-9	40		CB1-B	40			
2310	14 AWG	WHITE	W05	TB1-10	10		CB1-D	10			
2311	14 AWG	WHITE	W05	TB1-11	10		K4-3	14			
2310	14 AWG	WHITE	W05	CB1-D	10		TB1-10	41			
2301	14 AWG	WHITE	W05	CB1-E	10		TB1-1	52			
2312	16 AWG	WHITE	W04	CB1-E	10		K3-L2	06			
2309	18 AWG	WHITE	W03	CB1-B	01		TB1-9	40			
	6 AWG	WHITE	W14	CB1-2	28	B	CB2-1	28			
	6 AWG	WHITE	W14	CB1-4	28	B	CB2-3	28			
	6 AWG	WHITE	W14	CB1-6	28	B	CB2-5	28			
2308	18 AWG	WHITE	W03	CB1-A	01		TB1-8	40			
2313	18 AWG	WHITE	W03	CB1-B	01		CB2-NC		J		
2314	18 AWG	WHITE	W03	CB1-C	01		CB2-NO		J		
	6 AWG	WHITE	W14	CB2-1	28	B	CB1-2	28	B		
	6 AWG	WHITE	W14	CB2-1	28	B	CB4-1	28	B		
	6 AWG	WHITE	W14	CB2-3	28	B	CB4-3	28	B		
	6 AWG	WHITE	W14	CB2-5	28	B	CB4-5	28	B		
2315	18 AWG	WHITE	W03	CB2-COM		J	CB3-NO		J		
2314	18 AWG	WHITE	W03	CB2-NO		J	CB1-C	01			
2313	18 AWG	WHITE	W03	CB2-NC		J	CB1-B	01			
2318	18 AWG	WHITE	W03	CB2-NC		J	CB3-NC		J		
2203	14 AWG	WHITE	W05	CB3-1	14		CB8-1	14			
2319	18 AWG	WHITE	W03	CB3-COM		J	CB4-N0		J		
2315	18 AWG	WHITE	W03	CB3-NO		J	CB2-COM		J		
2318	18 AWG	WHITE	W03	CB3-NC		J	CB2-NC		J		
2320	18 AWG	WHITE	W03	CB3-NC		J	CB4-NC		J		
	6 AWG	WHITE	W14	CB2-3	28	B	CB1-4	28	B		
	6 AWG	WHITE	W14	CB4-1	28	B	CB2-1	28	B		
	6 AWG	WHITE	W14	CB4-1	28	B	CB7-1	28	B		
	6 AWG	WHITE	W14	CB4-3	28	B	CB2-3	28	B		
	6 AWG	WHITE	W14	CB4-3	28	B	CB7-3	28	B		
2321	14 AWG	WHITE	W05	CB4-4		J	K4-5	14			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-12. Panel, Protection, REV:H, WL.113378 (SHEET 1 OF 4)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
	6 AWG	WHITE	W14	CB4-5	28	B	CB7-5	28	B		
2322	18 AWG	WHITE	W03	CB4-COM		J	CB7-NO		J		
2319	18 AWG	WHITE	W03	CB4-NO		J	CB3-COM		J		
2320	18 AWG	WHITE	W03	CB4-NC		J	CB3-NC		J		
2323	18 AWG	WHITE	W03	CB4-NC		J	CB7-NC		J		
2324	16 AWG	WHITE	W04	CB5-1	14		T1-H1			SEP FORM	
	6 AWG	WHITE	W14	CB5-1	28	B	CB6-1	28			
2325	14 AWG	WHITE	W05	CB5-2	14		K1-1	14			
2326	16 AWG	WHITE	W04	CB5-3	14		T2-H1			SEP FORM	
	6 AWG	WHITE	W14	CB5-3	28	B	CB6-3	28	B		
2327	14 AWG	WHITE	W05	CB5-4	14		K1-3	14			
2328	16 AWG	WHITE	W04	CB5-5	14		T2-H2			SEP FORM	
	6 AWG	WHITE	W14	CB5-5	28	B	CB6-5	28	B		
2365	14 AWG	WHITE	W05	TB1-12	14		K3-6				
2347	14 AWG	WHITE	W05	TB1-13	14		K2-A				
2329	14 AWG	WHITE	W05	CB5-6	14		K1-5	14			
2307	18 AWG	WHITE	W03	CB5-COM		J	TB1-7	40			
2330	18 AWG	WHITE	W03	CB5-NO		J	CB6-COM		J		
2331	18 AWG	WHITE	W03	CB5-NC		J	CB6-NC		J		
	6 AWG	WHITE	W14	CB6-1	28	B	CB5-1	28	B		
	6 AWG	WHITE	W14	CB6-1	28	B	CB7-1	28	B		
2332	14 AWG	WHITE	W05	CB6-2	14		K2-1	14			
	6 AWG	WHITE	W14	CB6-3	28	B	CB5-3	28	B		
	6 AWG	WHITE	W14	CB6-3	28	B	CB7-3	28	B		
2333	14 AWG	WHITE	W05	CB6-4	14		K2-3	14			
	6 AWG	WHITE	W14	CB6-5	28	B	CB5-5	28	B		
	6 AWG	WHITE	W14	CB6-5	28	B	CB7-5	28	B		
2334	14 AWG	WHITE	W05	CB6-6	14		K2-5	14			
2330	18 AWG	WHITE	W03	CB6-COM		J	CB5-NO		J		
2335	18 AWG	WHITE	W03	CB6-NO		J	CB7-COM		J		
2331	18 AWG	WHITE	W03	CB6-NC		J	CB5-NC		J		
2336	18 AWG	WHITE	W03	CB6-NC		J	CB7-NC		J		
	6 AWG	WHITE	W14	CB7-1	28	B	CB6-1	28	B		
	6 AWG	WHITE	W14	CB7-1	28	B	CB4-1	28	B		
2337	14 AWG	WHITE	W05	CB7-2	14		K2-7	14			
	6 AWG	WHITE	W14	CB7-3	28	B	CB6-3	28	B		
	6 AWG	WHITE	W14	CB7-3	28	B	CB4-3	28	B		
2338	14 AWG	WHITE	W05	CB7-4	14		K2-9	14			
	6 AWG	WHITE	W14	CB7-5	28	B	CB6-5	28	B		
	6 AWG	WHITE	W14	CB7-5	28	B	CB4-5	28	B		
2339	14 AWG	WHITE	W05	CB7-6	14		K2-11	14			
2335	18 AWG	WHITE	W03	CB7-COM		J	CB6-NO		J		
2322	18 AWG	WHITE	W03	CB7-NO		J	CB4-COM		J		
2323	18 AWG	WHITE	W03	CB7-NC		J	CB4-NC		J		
2336	18 AWG	WHITE	W03	CB7-NC		J	CB6-NC		J		
2203	14 AWG	WHITE	W05	CB8-1	14		CB3-1	14			
2340	16 AWG	WHITE	W04	CB8-2	14		T3-H1	28			
CR1				CR1-(+)		J	E1		J	COMPONENT LEAD	
CR1				CR1-(-)		J	E2		J	COMPONENT LEAD	
CR2				CR2-(+)		J	E3		J	COMPONENT LEAD	
CR2				CR2-(-)		J	E4		J	COMPONENT LEAD	
CR3				CR3-(+)		J	E5		J	COMPONENT LEAD	
CR3				CR3-(-)		J	E6		J	COMPONENT LEAD	
CR4				CR4-(+)		J	E7		J	COMPONENT LEAD	
CR4				CR4-(-)		J	E8		J	COMPONENT LEAD	
CR9				CR9-(+)		J	TB1-2		J	COMPONENT LEAD	
	18 AWG	WHITE	W03	E1		J	K1-A	40		JUMPER	
	16 AWG	WHITE	W04	E2		J	K1-B	06		JUMPER	
2341	16 AWG	WHITE	W04	E2		J	K2-B	14		JUMPER	
	18 AWG	WHITE	W03	E4		J	K2-B	06		JUMPER	
	18 AWG	WHITE	W03	E6		J	K3-L2	06		JUMPER	
2342	18 AWG	WHITE	W03	E6		J	K4-L2	06		JUMPER	
	18 AWG	WHITE	W03	E8		J	K4-L2	06		JUMPER	
	16 AWG	WHITE	W04	E3		J	K2-A	14		JUMPER	
2343	16 AWG	WHITE	W04	E3		J	K1-A	14			
	18 AWG	WHITE	W03	E5		J	K3-L1	06		JUMPER	
2344	18 AWG	WHITE	W03	E7		J	K3-1	06			
	18 AWG	WHITE	W03	E7		J	K4-L1	06		JUMPER	
K2				K2-A	08		CR6(+)		J	COMPONENT LEAD	
K1				K1-A	08		CR5(+)		J	COMPONENT LEAD	
K2				K2-B	08		CR6(-)		J	COMPONENT LEAD	
K1				K1-B	08		CR5(-)		J	COMPONENT LEAD	
2343	16 AWG	WHITE	W04	K1-A	08		E3		J		
2347	14 AWG	WHITE	W05	K2-A	14		TB1-13	15			
2325	14 AWG	WHITE	W05	K1-1	15		CB5-2	15			
2327	14 AWG	WHITE	W05	K1-3	15		CB5-4	14			
2329	14 AWG	WHITE	W05	K1-5	15		CB5-6	14			
2306	18 AWG	WHITE	W03	K1-7	06		TB1-6	40			
2345	18 AWG	WHITE	W03	K1-8	06		K2-13	06			
	18 AWG	WHITE	W03	K1-A	08		E1	06		JUMPER	
2300	14 AWG	WHITE	W05	K1-B	15		TB1-1	10			
	16 AWG	WHITE	W04	K1-B	15		E2			JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-12. Panel, Protection, REV:H, WL.113378 (SHEET 2 OF 4)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
2332	14 AWG	WHITE	W05	K2-1	14		CB6-2	14			
2333	14 AWG	WHITE	W05	K2-3	14		CB6-4	14			
2334	14 AWG	WHITE	W05	K2-5	14		CB6-6	14			
2337	14 AWG	WHITE	W05	K2-7	14		CB7-2	14			
2338	14 AWG	WHITE	W05	K2-9	14		CB7-4	14			
2339	14 AWG	WHITE	W05	K2-11	14		CB7-6	14			
2345	18 AWG	WHITE	W03	K2-13	06		K1-8	06			
2346	18 AWG	WHITE	W03	K2-14	06		K4-6	06			
	16 AWG	WHITE	W04	K2-A	14		E3		J	JUMPER	
	18 AWG	WHITE	W03	K2-B	06		E4		J	JUMPER	
2341	16 AWG	WHITE	W04	K2-B	14		E2		J		
2344	18 AWG	WHITE	W03	K3-1	06		E7		J		
2303	14 AWG	WHITE	W05	K3-2	15		TB1-3	14			
2305	18 AWG	WHITE	W03	K3-5	06		TB1-5	40			
	18 AWG	WHITE	W03	K3-5	06		K3-L1	06		JUMPER	
2365	14 AWG	WHITE	W05	K3-6	14		TB1-12	10			
	18 AWG	WHITE	W03	K3-L1	06		E5		J	JUMPER	
	18 AWG	WHITE	W03	K3-L2	06		E6		J	JUMPER	
2312	16 AWG	WHITE	W04	K3-L2	06		CB1-E	10			
2311	14 AWG	WHITE	W05	K4-3	14		TB1-11	14	Y		
2304	18 AWG	WHITE	W03	K4-4	06		TB1-4	40			
2321	14 AWG	WHITE	W05	K4-5	14		CB4-4		J		
2346	18 AWG	WHITE	W03	K4-6	06		K2-14	06			
	18 AWG	WHITE	W03	K4-L1	06		E7		J	JUMPER	
	18 AWG	WHITE	W03	K4-L2	06		E8		J	JUMPER	
2342	18 AWG	WHITE	W03	K4-L2	06		E6		J		
2302	18 AWG	WHITE	W03	K4-6	06		TB1-2	40			
	18 AWG	WHITE	W03	K3-L1	06		K3-5	06		JUMPER	
K3L1				K3-L1	06		CR7(+)		J	COMPONENT LEAD	
K3L2				K3-L2	06		CR7(-)		J	COMPONENT LEAD	
K4L1				K4-L1	06		CR8(+)		J	COMPONENT LEAD	
K4L2				K4-L2	06		CR8(-)		J	COMPONENT LEAD	
2348A	18 AWG	WHITE	W17	J1-1 (PIN)		J	T4-3		J		
2348B		SHIELD		J1-GND		J	T4-5		J		
2349A	18 AWG	WHITE	W17	J2-1 (PIN)		J	S1-2T	08	A		
2349B		SHIELD		J2-GND		J	OPEN				
2350A	18 AWG	WHITE	W17	J3-1 (PIN)		J	T5-3		Y,A		
2350B		SHIELD		J3-GND		J	T5-5		J		
2351A	18 AWG	WHITE	W17	J4-1 (PIN)		J	S2-2T	08	A		
2351B		SHIELD		J4-GND		J	OPEN				
2352A	18 AWG	WHITE	W17	J5-1 (PIN)		J	S3-4T	08	A		
2352B		SHIELD		J5-GND		J	S3-4B	08	A		
2353A	18 AWG	WHITE	W17	J6-1 (PIN)		K	S3-8T	08			
2353B		SHIELD		J6-GND		J	S3-8B	08			
2349A	18 AWG	WHITE	W17	S1-2T	08		J2-1 (PIN)		J		
2349B		SHIELD		OPEN			J2-GND		J		
2362A	14 AWG	BLACK		S1-7B	15		S4-1B		J		
2326B		WHITE		S1-7T	15		S4-2T		J		
2362C		SHIELD		S1-7T	15		OPEN				
2355	18 AWG	WHITE	W03	S1-8B	08		S4-1T	08			
2356A	18 AWG	BLACK	W29	S1-9B	08		T1-X1				
2356B		WHITE		S1-10B	08		T1-X2				
2356C		SHIELD		OPEN			GND				
2357A	18 AWG	WHITE	W29	S1-10B	08		T2-X1				
2357B		BLACK		S1-12B	08		T2-X2				
2357C		SHIELD		OPEN			GND				
2358A	18 AWG	WHITE	W29	S1-13T	08		T4-1		J		
2358B		BLACK		S1-14T	08		T4-2		J		
2358C		SHIELD		OPEN			GND		J		
2359A	18 AWG	WHITE	W29	S1-14B	08		S4-4T	08			
2359B		BLACK		S1-13B	08		S4-3T	08			
2359C		SHIELD		OPEN			GND	08			
2351A	18 AWG	WHITE	W17	S2-2T	08		J4-1 (PIN)		J		
2351B		SHIELD		OPEN			GND	08			
2360A	18 AWG	WHITE	W29	S2-7T	08		T5-1		J		
2360B		BLACK		S2-8T	08		T5-2		J		
2360C		SHIELD		OPEN			GND		J		
2352A	18 AWG	WHITE	W17	S3-4T	08		J5-1 (PIN)		J		
2352B		SHIELD		S3-4B	08		J5-GND		J		
2353A	18 AWG	WHITE	W17	S3-8T	08		J6-1 PIN		K		
2353B		SHIELD		S3-8B	08		J6-GND		J		
2361A	18 AWG	WHITE	W29	S4-4B			T3-X2		Y		
2361B		BLACK		S4-3B			T3-X1				
2361C		SHIELD		OPEN			GND		J		
2359A	18 AWG	WHITE	W29	S4-4T			S1-14B	08			
2359B		BLACK		S4-3T			S1-13B	08			
2359C		SHIELD		GND			OPEN				
	14 AWG	WHITE	W03	S4-2B			S4-1B			JUMPER	
2355	14 AWG	WHITE	W03	S4-1T	08		S1-8B	08			
2362A	14 AWG	BLACK	W27	S4-1B		J	S1-7B	15			
2362B		WHITE		S4-2T		J	S1-7T	15			
2362C		SHIELD		OPEN			S1-7T	15			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-12. Panel, Protection, REV:H, WL.113378 (SHEET 3 OF 4)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
2356A	18 AWG	BLACK	W29	T1-X1			S1-9B	08			
2356B		WHITE		T1-X2			S1-10B	08			
2356C		SHIELD		GND			OPEN				
	16 AWG	WHITE	W04	T1-X2			GND		J		
2324	16 AWG	WHITE	W04	T1-H1			CB5-1	14		SEP FORM	
2363	16 AWG	WHITE	W04	T1-H2			T2-H1				
2357A	18 AWG	WHITE	W28	T2-X1			S1-10B	08			
2357B		BLACK		T2-X2			S1-12B	08			
2357C		SHIELD		GND			OPEN				
	16 AWG	WHITE	W04	T2-X1			GND		J		
2363	16 AWG	WHITE	W04	T2-H1			T1-H2				
2328	16 AWG	WHITE	W04	T2-H2			CB5-5	14		SEP FORM	
2326	16 AWG	WHITE	W04	T2-H1			CB5-3	14		SEP FORM	
2361A	18 AWG	BLACK	W29	T3-X2			S4-4B				
2361B		WHITE		T3-X1			S4-3B				
2361C		SHIELD		GND			OPEN				
	16 AWG	WHITE	W04	T3-X2			GND		J		
2340	16 AWG	WHITE	W04	T3-H1			CB8-2	14			
2364	16 AWG	WHITE	W04	T3-H2			N0 2-COM		J		
2358A	18 AWG	WHITE	W29	T4-1			S1-13T	08			
2358B		BLACK		T4-2		J	S1-14T	08			
2358C		SHIELD		GND		J	OPEN				
2348A	18 AWG	WHITE	W17	T4-3		J	J1-1 (PIN)		J		
2348B		SHIELD		T4-5		J	J1-GND		J		
2360A	18 AWG	WHITE	W29	T5-1		J	S2-7T	08			
2360B		BLACK		T5-2		J	S2-8T	08			
2360C		SHIELD		GND		J	OPEN				
2350A	18 AWG	WHITE	W17	T5-3		J	J3-1 (PIN)		J		
2350B		SHIELD		T5-5		J	J3-GND	08			
2364	16 AWG	WHITE	W04	N0 2-COM		J	T3-H2				

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-12. Panel, Protection, REV:H, WL.113378 (SHEET 4 OF 4)

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
18	AWG	WHITE	W03	M1(+)	04		E1		J		
18	AWG	WHITE	W03	M1(-)	04		E2		J		
18	AWG	WHITE	W03	E1		J	TB1-1	40		TWIST ALL WIRES	
18	AWG	WHITE	W03	E2		J	TB1-2	40		TWIST ALL WIRES	
18	AWG	WHITE	W03	M2(+)	04		E3		J		
18	AWG	WHITE	W03	M2(-)	04		E4		J		
18	AWG	WHITE	W03	E3		J	TB1-4	40			
18	AWG	WHITE	W03	E4		J	TB1-5	40			
18	AWG	WHITE	W03	M3(+)	04		E5		J		
18	AWG	WHITE	W03	M3(-)	04		E6		J		
18	AWG	WHITE	W03	E5		J	TB2-1	40			
18	AWG	WHITE	W03	E6		J	TB2-2	40			
18	AWG	WHITE	W03	M4(+)	04		E7		J		
18	AWG	WHITE	W03	M4(-)	04		E8		J		
18	AWG	WHITE	W03	E7		J	TB2-4	40			
18	AWG	WHITE	W03	E8		J	TB2-5	40			
18	AWG	WHITE	W03	M5(+)	04		E9		J		
18	AWG	WHITE	W03	M5(-)	04		E10		J		
18	AWG	WHITE	W03	E9		J	TB3-2	40			
18	AWG	WHITE	W03	E10		J	TB3-1	40			
18	AWG	WHITE	W03	M6(+)	04		E11		J		
18	AWG	WHITE	W03	M6(-)	04		E12		J		
18	AWG	WHITE	W03	E11		J	TB3-5	40			
18	AWG	WHITE	W03	E12		J	TB3-4	40			
C1				E1		J	E2		J	COMPONENT LEADS	
C2				E3		J	E4		J	COMPONENT LEADS	
C3				E5		J	E6		J	COMPONENT LEADS	
C4				E7		J	E8		J	COMPONENT LEADS	
C5				E9		J	E10		J	COMPONENT LEADS	
C6				E11		J	E12		J	COMPONENT LEADS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-13. Panel, Meter Assy, REV:G, WL. 113379

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
	8 AWG	WHITE	W26	E1-E2 BUS	35		S1-1	39			
	8 AWG	WHITE	W26	E3-E4 BUS	35		S1-2	39			
	8 AWG	WHITE	W26	E5-56 BUS	35		S1-3	39			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3 *For Cabinet 12, Section 1 See Figure 1-39

FIGURE 2-14. Switch Assembly, HVAC, REV:F, WL.113381 *

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
16	AWG	--	W35	E4	60	J	R1-1	61	J	BUS	
16	AWG	--	W35	E2	60	J	R1-2	61	J	BUS	
16	AWG	--	W35	E1	60	J	R3-1		J	BUS	
16	AWG	--	W35	E5	60	J	R3-2		J	BUS	
14	AWG	--	W34	R1-2	61	J	CR2(+)	61	J	BUS	
14	AWG	--	W34	R1-1		J	CR1(+)		J	BUS	
14	AWG	--	W34	CR1(+)	61	J	CR2(-)		J	BUS	
14	AWG	--	W34	CR1(-)		J	CR2(+)	61	J	BUS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-15. Network, Monitoring, IPA, REV:G, WL.146265

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
16	AWG	--	W35	E2	60	J	R1-1	60	J	BUS	
16	AWG	--	W35	E4	60	J	R1-2	60	J	BUS	
16	AWG	--	W35	E1	60	J	R3-2		J	BUS	
16	AWG	--	W35	E5	60	J	R3-1		J	BUS	
12	AWG	WHITE	W10	CR1(+)	61	J	CR2(-)		J	JUMPER	
12	AWG	WHITE	W10	CR1(-)		J	CR2(+)	61	J	JUMPER	
12	AWG	WHITE	W10	R1-1	61	J	CR2(+)	61	J	JUMPER	
12	AWG	WHITE	W10	R1-2	61	J	CR1(+)	61	J	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-16. Network, Monitoring, DRVR AMPL, REV:G, WL.146266

WIRE LIST: 146267		NETWORK,MONITORING,PA			ASSY NO: 126121-1 REV: G 900418 ECN:0118-0898N						
WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
16 AWG	---	---	W35	E2	60	J	R1-1	60	J	BUS	
16 AWG	---	---	W35	E4	60	J	R1-2	60	J	BUS	
16 AWG	---	---	W35	E1	60	J	R3-2		J	BUS	
16 AWG	---	---	W35	E5	60	J	R3-1		J	BUS	
12 AWG	WHITE		W10	CR1(+)	61	J	CR2(-)		J	JUMPER	
12 AWG	WHITE		W10	CR1(-)		J	CR2(+)	61	J	JUMPER	
12 AWG	WHITE		W10	CR1(+)	61	J	R1-2	61	J	JUMPER	
12 AWG	WHITE		W10	CR2(+)	61	J	R1-1	61	J	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-17. Network, Monitoring, PA, REV:G, WL.146267

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
				CR1(+)		J	C3-1		J	COMPONENT LEAD	
				CR1(+)		J	L1-1		J	COMPONENT LEAD	
				L1-2		J	C4-1		J	COMPONENT LEAD	
				CR1(-)		J	R1-1		J	COMPONENT LEAD	
				CR1(-)		J	C2-1		J	COMPONENT LEAD	
				CR1(-)		J	C1-2		J	COMPONENT LEAD	
				C2-2		J	GND		J	COMPONENT LEAD	
				R1-2		J	GND		J	COMPONENT LEAD	
				C3-2		J	GND	08		COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-18. Detector, Grid, REV:F, WL.146268

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
				CR1(-)		J	C1-1		J	COMPONENT LEAD	
				CR1(-)		J	C2-1		J	COMPONENT LEAD	
				CR1(-)		J	R1-1		J	COMPONENT LEAD	
				CR1(+)		J	C3-1		J	COMPONENT LEAD	
				CR1(+)		J	L1-2		J	COMPONENT LEAD	
				L1-1		J	C4-1		J	COMPONENT LEAD	
				C2-2		J	GND		J	COMPONENT LEAD	
				C3-2		J	GND		J	COMPONENT LEAD	
				C4-2		J	GND			COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-19. Detector, PA Grid, REV:F, WL.146269

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
20 AWG			W37	C1-1		J	CR1(-)		J	BUS,VIA INSULATED TERMINAL	
				C2-1		J	CR1(+)		J	COMPONENT LEAD,VIA INSUL TERM	
				C2-2		J	GND		J	COMPONENT LEAD	
				C3-1		J	L1-1		J	COMPONENT LEAD	
				C3-2			GND			CASE GROUND	
				CR1(+)		J	L1-2		J	COMPONENT LEAD,VIA INSUL TERM	
				R1-1		J	CR1(-)		J	COMPONENT LEAD,VIA INSUL TERM	
				R1-2		J	GND		J	COMPONENT LEAD	
				R2-1		J	R1-1		J	COMPONENT LEAD,VIA INSUL TERM	
				R2-2		J	INSUL TERM		J	COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-20. Detector, PA Anode, REV:F, WL.146308

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: H
22 AWG	WHITE	W01	TB1-1	08		TB1-4	08			JUMPER	
22 AWG	WHITE	W01	TB1-4	08		TB1-7	08			JUMPER	
22 AWG	WHITE	W01	TB1-7	08		TB1-10	08			JUMPER	
22 AWG	WHITE	W01	TB1-1	08		C2-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-2	08		TB1-5	08			JUMPER	
22 AWG	WHITE	W01	TB1-5	08		TB1-8	08			JUMPER	
22 AWG	WHITE	W01	TB1-8	08		TB1-15	08			JUMPER	
22 AWG	WHITE	W01	TB1-15	08		CHASSIS GND			J	JUMPER	
22 AWG	WHITE	W01	TB1-3	08		TB1-6	08			JUMPER	
22 AWG	WHITE	W01	TB1-6	08		TB1-9	08			JUMPER	
22 AWG	WHITE	W01	TB1-3	08		C1-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-11	08		C3-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-12	08		C4-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-13	08		C5-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-14	08		C6-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-16	08		C8-1			J	JUMPER	
22 AWG	WHITE	W01	TB1-17	01		TB1-19				JUMPER	
22 AWG	WHITE	W01	TB1-18	01		TB1-20				JUMPER	
22 AWG	WHITE	W01	TB1-19	01		TB1-17				JUMPER	
22 AWG	WHITE	W01	TB1-20	01		TB1-18				JUMPER	
22 AWG	WHITE	W01	C1-2		J	A1E1			J	JUMPER	
22 AWG	WHITE	W01	C2-2		J	A1E2			J	JUMPER	
22 AWG	WHITE	W01	C3-2		J	A1E3			J	JUMPER	
22 AWG	WHITE	W01	C4-2		J	A1E4			J	JUMPER	
22 AWG	WHITE	W01	C5-2		J	A1E5			J	JUMPER	
22 AWG	WHITE	W01	C6-2		J	A1E6			J	JUMPER	
22 AWG	WHITE	W01	GND AT C6		J	A1E7			J	JUMPER	
22 AWG	WHITE	W01	C8-2		J	A1E8(CR1-)			J	JUMPER	
22 AWG	WHITE	W01	TB1-10	08		TB1-17	08			JUMPER	
22 AWG	WHITE	W01	TB1-9	08		TB1-18	08			JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-21. Sensor, RF Arc, REV:H, WL.146309

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
				C1-2		J	C2-1		J	COMPONENT LEAD	
				C2-1		J	R1-1		J	COMPONENT LEAD	
				C2-2		J	R1-2		J	COMPONENT LEAD	
				R1-2		J	GND (LUG)		J	COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-22. Sample Pickup, RF, IPA, REV:F, WL.146310

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
				R1-2		N16	GND (LUG)			COMPONENT LEAD	
				R1-1		N17	C2-1			COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-23. Sample Pickup, RF DRVR AMPL, REV:G, WL.146311

WIRE NO.	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: F
W1	RG223		W44	W01-J1			1A1AT8-P1			150628-1	
W2	RG223		W44	W02-J1			1A1AT7-P1			150628-2	
W3	RG223		W44	W03-J1			1DC2-B-P1			150629-1	
W4	RG223		W44	W04-J1			1DC1-3-P1			150628-3	
W5	RG223		W44	W05-J1			1K5-NO			150629-2	
				CR1(+)-CATHODE			K1-X2		J	COMPONENT LEAD	
				CR1(-)-ANODE			K1-X1		J	COMPONENT LEAD	
	RG223		W44	J4		K	S1-COM			JUMPER	
22 AWG	WHITE	W01		K1-A1	07		K1-X1	07		JUMPER	
22 AWG	WHITE	W01		K1-A2	07		S3-C1		J	JUMPER	
22 AWG	WHITE	W01		S3-C1		J	S3-C2		J	JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-24. Panel, Signal Monitor, REV:F, WL.146312

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:H
22 AWG	WHITE	W01	J1-1			K	C5-1		J		
22 AWG	WHITE	W01	J1-9			K	C5-1		J		
22 AWG	WHITE	W01	J1-6			K	C5-2 GND		J		
22 AWG	WHITE	W01	K1-1			J	CR1(+)		J		
22 AWG	WHITE	W01	K1-2			J	CR1(-)		J		
22 AWG	WHITE	W01	K1-1			J	C5-1		J		
22 AWG	WHITE	W01	K1-2			J	C5-2 GND		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-25. Filter, Band Pass, Band ABC, IPA Grid, REV: H, WL.146313

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:H
22 AWG	WHITE	W01	J1-1			K	C5-1		J	BUS,INSULATED	
22 AWG	WHITE	W01	J1-9			K	C5-1		J		
22 AWG	WHITE	W01	J1-6			K	C5-2 GND		J		
22 AWG	WHITE	W01	K1-1			J	CR1(+)		J		
22 AWG	WHITE	W01	K1-2			J	CR1(-)		J		
22 AWG	WHITE	W01	K1-1			J	C5-1		J		
22 AWG	WHITE	W01	K1-2			J	C5-2 GND		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-26. Filter, Band Pass, Band DE, IPA Grid, REV:H, WL.146314

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:H
22 AWG	WHITE	W01	J1-1			K	C5-1		J		
22 AWG	WHITE	W01	J1-9			K	C5-1		J		
22 AWG	WHITE	W01	J1-6			K	C5-2 GND		J		
22 AWG	WHITE	W01	K1-1			J	CR1(+)		J		
22 AWG	WHITE	W01	K1-2			J	CR1(-)		J		
22 AWG	WHITE	W01	K1-1			J	C5-1		J		
22 AWG	WHITE	W01	K1-2			J	C5-GND		J		

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-27. Filter, Band Pass, Band F, IPA Grid, REV:H, WL.146315

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:K
22 AWG	WHITE	W01	C4-1			J	N62		J		
			C4-2				GND			CASE GROUND	
			CR1(+)				GND			COMPONENT LEAD	
			CR1(-)			J	N62		J	COMPONENT LEAD	
			CR2(+)				GND		J	COMPONENT LEAD	
			CR2(-)				C4-1		J	COMPONENT LEAD	
22 AWG	WHITE	W01	GND			J	GND		J	-THRU 150495-1	
22 AWG	WHITE	W01	GND			J	K1-2		J		
22 AWG	WHITE	W01	J1-1			K	C4-1		J		
22 AWG	WHITE	W01	J1-6			J	GND		J	D	
22 AWG	WHITE	W01	J1-9			K	C4-1		J		
22 AWG	WHITE	W01	K1-1			J	K2-1		J		
22 AWG	WHITE	W01	K1-2			J	K2-2		J		
22 AWG	WHITE	W01	K2-1			J	K1-1		J		
22 AWG	WHITE	W01	K2-2			J	GND		J		
22 AWG	WHITE	W01	K3-1			J	N62		J	D	
22 AWG	WHITE	W01	K3-2			J	GND		J	D	
22 AWG	WHITE	W01	N62			J	N62		J	-THRU 150495-1	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-28. Filter, Band Pass, Band ABC, DRVR Grid, REV:K, WL.146316

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:J
C2				C2-2		J	GND		J	COMPONENT LEAD	
C4				C4-2		J	GND		J	COMPONENT LEAD	
CR1				CR1(-)		J	GND		J	COMPONENT LEAD	
CR2				CR2(-)		J	GND		J	COMPONENT LEAD	
22 AWG	WHITE	W01	J1-1		K	CR1(+)			J		
22 AWG	WHITE	W01	J1-6		K	GND			J		
22 AWG	WHITE	W01	J1-9		K	C2-1			J		
22 AWG	WHITE	W01	J2-1		K	CR2(+)			J		
22 AWG	WHITE	W01	J2-6		K	GND			J		
22 AWG	WHITE	W01	J2-9		K	C4-1			J		
22 AWG	WHITE	W01	K1-1		J	K2-1			J		
22 AWG	WHITE	W01	K1-1		J	CR1(+)			J		
22 AWG	WHITE	W01	K1-2		J	GND			J		
22 AWG	WHITE	W01	K2-1		J	C2-1			J		
22 AWG	WHITE	W01	K2-2		J	GND			J		
22 AWG	WHITE	W01	K3-1		J	K4-1			J		
22 AWG	WHITE	W01	K3-1		J	CR2(+)			J		
22 AWG	WHITE	W01	K3-2		J	GND			J		
22 AWG	WHITE	W01	K4-1		J	C4-1			J		
22 AWG	WHITE	W01	K4-2		J	GND			J		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-29. Filter, Band Pass, Band DE&F DRVR Grid, REV:J, WL.146317

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:L
22 AWG	WHITE	W01	J1-1		K	C4-1			J		
22 AWG	WHITE	W01	J1-9		K	C4-1			J		
22 AWG	WHITE	W01	J1-6		K	C4-2			J		
22 AWG	WHITE	W01	C4-1		J	N50			J		
				CR2(-)		J	E50		J	COMPONENT LEAD	
				CR2(+)		J	GND		J	COMPONENT LEAD	
				C4-2		J	GND		J	CASE GROUND	
22 AWG	WHITE	W01	K2-1		J	N50			J		
22 AWG	WHITE	W01	K2-2		J	GND			J		
22 AWG	WHITE	W01	N50		J	N50			J	-THRU 150392-1	
22 AWG	WHITE	W01	GND		J	GND			J	-THRU 150392-1	
				CR1(-)		J	N50		J	COMPONENT LEAD	
				CR1(+)		J	GND		J	COMPONENT LEAD	
22 AWG	WHITE	W01	K1-1		J	N50			J		
22 AWG	WHITE	W01	K1-2		J	GND			J		

1 - SEE TABLE 2-1

2 - SEE TABLE 2-2

3 - SEE TABLE 2-3

FIGURE 2-30. Filter, Band Pass, Band AB, PA Grid, REV:L WL.146318

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:K
BAND E											
22 AWG			W01	J1-1		K	C2-1		J		
22 AWG			W01	J1-9		K	C2-1		J	D	
22 AWG			W01	J1-6		K	GND		J	D	
22 AWG			W01	C2-1		J	N69		J	D	
				C2-2			GND		J	CASE GROUND	
				CR2(-)		J	N69		J	COMPONENT LEAD	
				CR2(+)			GND		J	COMPONENT LEAD	
22 AWG			W01	K2-1		J	N69		J	D	
22 AWG			W01	K2-2		J	GND		J	D	
22 AWG			W01	N69		J	N69		J	-THRU 150244-1	
22 AWG			W01	GND		J	GND		J	-THRU 150244-1	
22 AWG			W01	K1-1		J	N69		J		
22 AWG			W01	K1-2		J	GND		J		
				CR1(-)			N69		J	COMPONENT LEAD	
				CR1(+)			GND		J	COMPONENT LEAD	
BAND C,D											
22 AWG			W01	J2-1		K	C4-1		J		
22 AWG			W01	J2-9		K	C4-1		J		
22 AWG			W01	J2-6		K	GND		J		
22 AWG			W01	C4-1		J	N69		J		
				C4-2			GND			CASE GROUND	
				CR4(-)			N69		J	COMPONENT LEAD	
				CR4(+)			GND		J	COMPONENT LEAD	
22 AWG			W01	K4-1		J	N69		J		
22 AWG			W01	K4-2		J	GND		J		
22 AWG			W01	N69		J	N69		J	-THRU 150244-1	
22 AWG			W01	GND		J	GND		J	-THRU 150244-1	
22 AWG			W01	K3-1		J	N69		J		
22 AWG			W01	K3-2		J	GND		J		
				CR3(-)			N69		J	COMPONENT LEAD	
				CR3(+)			GND		J	COMPONENT LEAD	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-31. Filter, Band Pass, CDE, PA Grid, REV:K WL.146319

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:K
22 AWG			W01	C2-1		J	N49		J		
				C2-2			GND			CASE GROUND	
				CR1(+)			GND		J	COMPONENT LEAD	
				CR1(-)			N49		J	COMPONENT LEAD	
				CR2(+)			GND		J	COMPONENT LEAD	
				CR2(-)			N49		J	COMPONENT LEAD	
22 AWG			W01	GND		J	GND		J	-THRU 150593-1	
22 AWG			W01	J1-1		K	C2-1		J		
22 AWG			W01	J1-6		K	GND		J		
22 AWG			W01	J1-9		K	C2-1		J		
22 AWG			W01	K1-1		J	N49		J		
22 AWG			W01	K1-2		J	GND		J		
22 AWG			W01	K2-1		J	N49		J		
22 AWG			W01	K2-2		J	GND		J		
22 AWG			W01	N49		J	N49		J	-THRU 150593-1	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-32. Filter, Band Pass, Band F, PA Grid, REV:K WL.146320

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:H
3868-01	16 AWG	WHITE	W08	S2-COM	07		TB1-3	01			
3869-01	16 AWG	WHITE	W08	S2-NO	07		TB1-4	01			
	16 AWG	WHITE	W08	S3-COM	07		TB1-1	01		JUMPER	
	16 AWG	WHITE	W08	S3-NO	07		TB1-2	01		JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-33. Switch, Transfer, REV: H, WL.146321

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV:H
3860-01	16 AWG	WHITE	W08	S2-COM	07		TB1-3	01			
3861-01	16 AWG	WHITE	W08	S2-NO	07		TB1-4	01			
	16 AWG	WHITE	W08	S3-COM	07		TB1-1	01		JUMPER	
	16 AWG	WHITE	W08	S3-NO	07		TB1-2	01		JUMPER	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-34. Switch, Transfer, REV: H, WL.146322

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
				TB1-1	15		L1-1	01		COMPONENT LEAD	
1533	18 AWG	WHITE	W03	TB1-1	01		S1A-CO	09		SEP FORM	
				TB1-2	01		L1-2	15		COMPONENT LEAD	
1534	18 AWG	WHITE	W03	TB1-4	01		S1A-NC	09		SEP FORM	
1535	18 AWG	WHITE	W03	TB1-5	01		S1B-CO	09			
1536	18 AWG	WHITE	W03	TB1-6	01		S1B-NO	09			
1537	18 AWG	WHITE	W03	TB1-7	01		S1B-NC	09			

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-35. Switch, Grounding, REV:G, WL.146323

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: J
2000	14 AWG	WHITE	W05	1TB3-1	41		2A2TB1-10	41		INTERCONNECT XMTR & HVPS	
2001	20 AWG	WHITE	W02	1TB3-2	01		2S4-NC	06		INTERCONNECT XMTR & HVPS	
2002	18 AWG	WHITE	W03	1TB3-3	01		2S4-COM	06		INTERCONNECT XMTR & HVPS	
2003	18 AWG	WHITE	W03	1TB3-4	01		2A2TB1-2	01		INTERCONNECT XMTR & HVPS	
2004	20 AWG	WHITE	W02	1TB3-5	01		2S1-NC	06		INTERCONNECT XMTR & HVPS	
2005	18 AWG	WHITE	W03	1TB3-6	01		2Z1TB2-2	01		INTERCONNECT XMTR & HVPS	
2006	18 AWG	WHITE	W03	1TB3-7	01		272TB2-1	01		INTERCONNECT XMTR & HVPS	
2007	20 AWG	WHITE	W02	1TB3-8	01		2A1TB1-6	01		INTERCONNECT XMTR & HVPS	
2008	20 AWG	WHITE	W02	1TB3-9	01		2XK21-5			INTERCONNECT XMTR & HVPS	
2009	20 AWG	WHITE	W02	1TB3-12	01		2K14-A1		J	INTERCONNECT XMTR & HVPS	
2010	20 AWG	WHITE	W02	1TB3-13	01		2TB04-3			INTERCONNECT XMTR & HVPS	
2011	20 AWG	WHITE	W02	1TB3-14	01		2K11-A1		J	INTERCONNECT XMTR & HVPS	
2012	20 AWG	WHITE	W02	1TB3-15	01		2K13-A1		J	INTERCONNECT XMTR & HVPS	
2013	20 AWG	WHITE	W02	1TB3-16	01		2TB3-3			INTERCONNECT XMTR & HVPS	
2014	20 AWG	WHITE	W02	1TB3-17	01		2K10-A1		J	INTERCONNECT XMTR & HVPS	
2015	20 AWG	WHITE	W02	1TB3-18	01		2K12-A1		J	INTERCONNECT XMTR & HVPS	
2016	20 AWG	WHITE	W02	1TB3-19	01		2TB2-3			INTERCONNECT XMTR & HVPS	
2017	20 AWG	WHITE	W02	1TB3-20	01		2K9-A1		J	INTERCONNECT XMTR & HVPS	
2018	20 AWG	WHITE	W02	1TB4-1	01		2A1TB1-4	01		INTERCONNECT XMTR & HVPS	
2019	14 AWG	WHITE	W05	1TB4-2	41		2A2TB1-1	41		INTERCONNECT XMTR & HVPS	
2020	18 AWG	WHITE	W03	1TB4-3	01		2TB 2-2			INTERCONNECT XMTR & HVPS	
2021	20 AWG	WHITE	W02	1TB4-4	01		2K1TB1-5	01		INTERCONNECT XMTR & HVPS	
2022	20 AWG	WHITE	W02	1TB4-5	01		2A1TB1-7	01		INTERCONNECT XMTR & HVPS	
2023	18 AWG	WHITE	W03	1TB4-6	01		2S2S1-NO	04		INTERCONNECT XMTR & HVPS	
2024A	14 AWG	BLACK	W27	1TB4-10	41		2R183-2	14		INTERCONNECT XMTR & HVPS	
2024B		WHITE		1TB4-11	41		2R183-1	14		INTERCONNECT XMTR & HVPS	
2024C		SHIELD		OPEN			GND			INTERCONNECT XMTR & HVPS	
2025A	14 AWG	BLACK	W27	1TB4-12	41		2R182-2	14		INTERCONNECT XMTR & HVPS	
2025B		WHITE		1TB4-13	41		2R182-1	14		INTERCONNECT XMTR & HVPS	
2025C		SHIELD		OPEN			GND			INTERCONNECT XMTR & HVPS	
2026	18 AWG	WHITE	W03	1TB4-15	01		2A2TB1-9	01		INTERCONNECT XMTR & HVPS	
2027	20 AWG	WHITE	W02	1TB4-16	01		2A1TB1-8	01		INTERCONNECT XMTR & HVPS	
2028	20 AWG	WHITE	W02	1TB4-17	01		2K3-A	07		INTERCONNECT XMTR & HVPS	
2029A	14 AWG	WHITE	W27	1TB4-7	41		2R184-2	14		INTERCONNECT XMTR & HVPS	
2029B		BLACK		1TB4-8	41		2R184-1	14		INTERCONNECT XMTR & HVPS	
2029C		SHIELD		OPEN			GND			INTERCONNECT XMTR & HVPS	
2030	18 AWG	WHITE	W03	1TB15-4	01		2A2TB1-7	01		INTERCONNECT XMTR & HVPS	
2031	18 AWG	WHITE	W03	1TB15-5	01		2A2TB1-8	01		INTERCONNECT XMTR & HVPS	
2032A	18 AWG	WHITE	W17	1TB15-10	01		2R173-2		J	INTERCONNECT XMTR & HVPS	
2032B		SHIELD		1TB15-9	01		OPEN			INTERCONNECT XMTR & HVPS	
2033A	18 AWG	WHITE	W17	1TB15-8	01		2R174-2		J	INTERCONNECT XMTR & HVPS	
2033B		SHIELD		1TB15-9	01		OPEN			INTERCONNECT XMTR & HVPS	
2034A	18 AWG	WHITE	W17	1TB15-7	01		2R175-2	01		INTERCONNECT XMTR & HVPS	
2034B		SHIELD		1TB15-6	01		OPEN			INTERCONNECT XMTR & HVPS	
2048A	10 AWG	WHITE	W45	1TB17-9	17		2A2CB4-2	30		INTERCONNECT XMTR & HVPS	
2048B		SHIELD		GND			OPEN			INTERCONNECT XMTR & HVPS	
2044	8 AWG	WHITE	W13	1TB17-1	17		2T24-3 PH 1	35	B	INTERCONNECT XMTR & HVPS	
2045	8 AWG	WHITE	W13	1TB17-2	17		2T24-3 PH 2	35	B	INTERCONNECT XMTR & HVPS	
2046	8 AWG	WHITE	W13	1TB17-3	17		2T24-3 PH 3	35	B	INTERCONNECT XMTR & HVPS	
2047	8 AWG	WHITE	W13	1TB17-4	17		2T24-1 NEUT	35	B	INTERCONNECT XMTR & HVPS	
2035	14 AWG	WHITE	W05	1TB17-7	10		2A2CB8-2	12		INTERCONNECT XMTR & HVPS	
2036	12 AWG	WHITE	W10	1TB17-6	17		COM -3	18		INTERCONNECT XMTR & HVPS	
2037	12 AWG	WHITE	W10	1TB17-5	17		2A2CB9-2	12		INTERCONNECT XMTR & HVPS	
2038	14 AWG	WHITE	W05	1TB17-8	10		2A2N2-COM		J	INTERCONNECT XMTR & HVPS	
2049	8 AWG	WHITE	W26	1S38-1	35		2R39-2		J	INTERCONNECT XMTR & HVPS	
2041A	RG 214	BLACK	W43	1S38-2	55		2R55-2	30		INTERCONNECT XMTR & HVPS	
2041B		SHIELD		GND	32		OPEN			INTERCONNECT XMTR & HVPS	
2042A	RG 214	BLACK	W43	1S38-3	12		2R71-2	13		INTERCONNECT XMTR & HVPS	
2042B		SHIELD		GND	32		OPEN			INTERCONNECT XMTR & HVPS	
2043A	16 AWG	WHITE	W21	1S38-4	12		2C12-1	12		INTERCONNECT XMTR & HVPS	
2043B		SHIELD		GND	33		GND	30		INTERCONNECT XMTR & HVPS	
2039A	16 AWG	WHITE	W21	1S38-5	12		2C19-1	12		INTERCONNECT XMTR & HVPS	
2039B		SHIELD		GND	33		GND	30		INTERCONNECT XMTR & HVPS	
2040A	16 AWG	WHITE	W21	1S38-6	12		2C25-1	12		INTERCONNECT XMTR & HVPS	
2040B		SHIELD		GND	33		GND	30		INTERCONNECT XMTR & HVPS	

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-36. System Interconnection, REV: J, WL.146454

WIRE NO	SIZE	COLOR	1 TYPE	FROM	2 TERM	3 NOTE	TO	2 TERM	3 NOTE	REMARKS	REV: G
1	20 AWG	WHITE	W02	TB2-1	01		K1-4	08			
2	20 AWG	WHITE	W02	TB2-2	01		K1-6	08			
3	20 AWG	WHITE	W02	TB2-3	01		K1-2	08			
-	20 AWG	WHITE	W02	R4-1*		J	R4-2		J	JUMPER	
4	20 AWG	WHITE	W02	R4-1		J	K1-5*	08			
5	20 AWG	WHITE	W02	R4-3		J	C1-(+)*	05			
6	20 AWG	WHITE	W02	C1-(+)	05		K1-1*	08			
7	20 AWG	WHITE	W02	C1-(-)*	05		K1-L2	08			
8	20 AWG	WHITE	W02	C1(-)	05		CR6(-)		J		
-	20 AWG	WHITE	W02	K1-5	08		R3-1		J	JUMPER	
-	20 AWG	WHITE	W02	K1-1	08		K1-L1	08		JUMPER	
-	20 AWG	WHITE	W02	TB1-1	01		CR3(-)		J	JUMPER	
-	20 AWG	WHITE	W02	TB1-2	01		CR2(-)		J	JUMPER	
-	20 AWG	WHITE	W02	TB1-3	01		CR1(-)		J	JUMPER	
-	20 AWG	WHITE	W02	R1-1		J	R2-1		J		
-	20 AWG	WHITE	W37	R2-1		J	R3-1		J		
-	20 AWG	WHITE	W37	CR1(+)		J	CR2(+)		J		
-	20 AWG	WHITE	W37	CR2(+)		J	CR3(+)		J		
-	20 AWG	WHITE	W37	CR4(-)		J	CR5(-)		J		
-	20 AWG	WHITE	W37	CR5(-)		J	CR6(-)		J		
NOTE		*=2 WIRES									

1 - SEE TABLE 2-1 2 - SEE TABLE 2-2 3 - SEE TABLE 2-3

FIGURE 2-37. Monitor, Phase, REV:H,WL.146457

**CHAPTER 3
CROSS REFERENCE**

3-1 GENERAL.

The index is an alphabetical listing relating major assemblies to the corresponding figure numbers and schematics with wire lists where applicable.

3-2 CROSS REFERENCE TABLE.

TABLE 3-1 cross references the equipment listed in alphabetical order and the documentation numbers identified at the top of the table. Where a document is not listed in the chart, equivalent data is included in the documents that are listed.

**TABLE 3-1 Radar Transmitter AN/FPS-118
Document Cross Reference Table**

SYSTEM COMPONENT	ASSEMBLY REF	SCHEMATIC FIGURE	SCHEMATIC REF	WIRE LIST	WIRE LIST FIGURE
Amplifier Radio Freq. IF	1A1AR4	1-18	150073		
	1A1AR5				
Amplifier Card	1A1AR4A1	1-19	150074		
	1A1AR5A1				
Arc Sensor Probe	1A14 - 1A20	1-23	150054		
Band Filter Driver Card	1A1A3	1-5	150072		
Band Command Card	1A1A4	1-6	150070		
Band Prove Card	1A1A5	1-7	150062		
Bias Adjust Panel	1A9	1-21	126079	113369	2-3
Bias Control and Reset Logic Card	1A1A6	1-8	150068		
Control/Status and Card Assembly Panel	1A1	1-2	126086	113367	2-2
Distribution Wiring Card Assembly	1A1A18	1-17	150075		
Driver Bias Power Supply	1PS4	1-32	126044	113374	2-8
Driver Grid Bandpass Filter Bands A,B,C	1FL4	1-25	126047	146316	2-28
Bands D,E	1FL5	1-26	150050	146317	2-29
Driver and Monitoring Network	1A7			146266	2-16
Electronic Crowbar	2A1	1-35	150063	113377	2-11

**TABLE 3-1 Radar Transmitter AN/FPS-118 - CONT.
Document Cross Reference Table**

SYSTEM COMPONENT	ASSEMBLY REF	SCHEMATIC FIGURE	SCHEMATIC REF	WIRE LIST	WIRE LIST FIGURE
Elemental Transmitter Interconnections	1-38	126020	146454		2-36
Extender Service Card Assembly	1A1A14	1-16	150076		
Fault Overload Card	1A1A11	1-13	150058		
First Event Logic Card	1A1A12	1-14	150060		
Grid Detector	1A2 1A3		146268		2-18
Grounding Switch	1S38		146323		2-35
High Voltage AC Switch Cabinet 3	3	1-37	150064	113381	2-14
High Voltage Power Supply Cabinet 2	2	1-34	126092	113376	2-10
HV Control Card	1A1A9	1-11	150056		
IPA Bias Power Supply	1PS1	1-31	126040	113373	2-7
IPA Grid Bandpass Filter	1FL1 1FL2 1FL3	1-24	126045 146314 146315	146313 2-26	2-25 2-27
IPA Monitoring Network	1A6		146265		2-15
Meter Assembly Panel	1A13	1-22	126078	113372	2-6
Meter Assembly Panel	2A3		113379		2-13
Monitor, Transmitter Current	2A5,2A6 ,2A7	1-34.1	179794		
PA Bias Power Supply	1PS5	1-33	126039	113375	2-9
PA Grid Bandpass Filter Bands A,B	1FL7	1-27	150051	146318	2-30
Bands C,D,E	1FL8	1-28	150052	146317	2-31
Band F	1FL9	1-29	150053	146320	2-32
PA Anode Detector	1A5		146308		2-20
PA Grid Detector	1A4		146269		2-19
PA Monitoring Network	1A12		146267		2-17

TABLE 3-1 Radar Transmitter AN/FPS-118 - CONT.
Document Cross Reference Table

SYSTEM COMPONENT	ASSEMBLY REF	SCHEMATIC FIGURE	SCHEMATIC	WIRE LIST	WIRE LIST FIGURE
PA Output Filter	1FL10 - 1FL15	1-30	126046		
Phase Monitor	2Z1 2Z2	1-36	149720	146457	
Protection Panel	1A23	113370			2-4
Protection Panel	2A2	126092	113378		2-12
RF Arc Sensor	1A8	1-20	126072	146309	2-21
RF Feedback Control Circuit Card Assembly	1A1A1	1-3	150066		
RF Sample Pickup	1A10, 1A11			146311	2-22 2-23
Relay Assembly	1A24		113371		2-5
Serial Command Interface Card	1A1A7	1-9	150071		
Serial Status Interface Card	1A1A8	1-10	150069		
Signal Monitor Circuit Card Assembly	1A1A2	1-4	150067		
Signal Monitor Panel	1A25		146312		2-24
Test Meter Scale Adjust Card	1A1A13	1-15	150065		
Transfer Switch	1S32 - 1S35			146321	2-33
Transfer Switch	1S36 1S37			146322	2-34
Transmitter Cabinet 1 Group		1-1 1-39	126080 150001	113366 113381	2-1 2-14
Water Flow Card	1A1A10	1-12	150059		