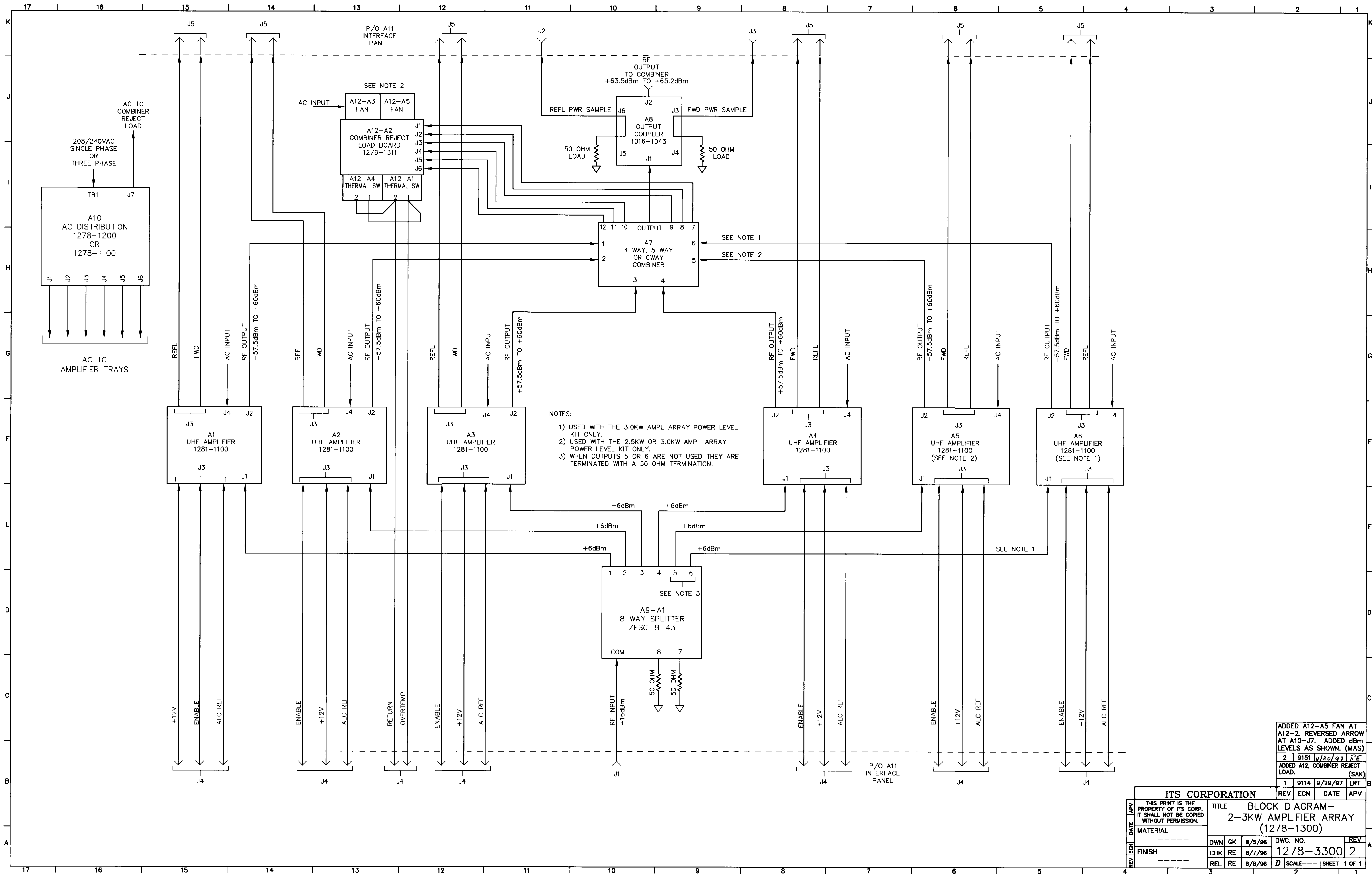


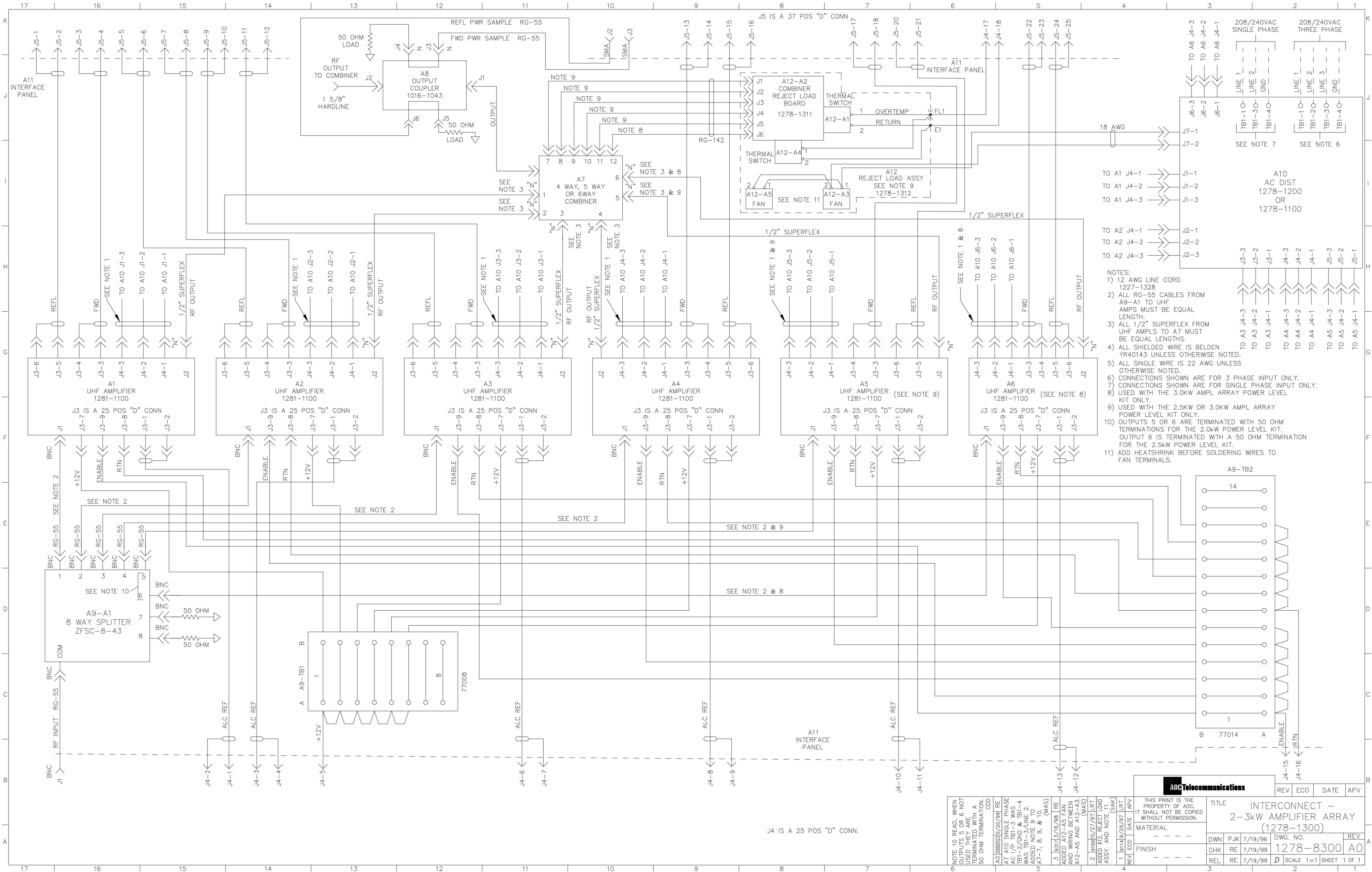


THIS PRINT IS THE PROPERTY OF ITS CORP. IT SHALL NOT BE COPIED WITHOUT PERMISSION.				TITLE BLOCK DIAGRAM- 2-3KW AMPLIFIER ARRAY (1278-1300)			
MATERIAL				DWN GK 8/5/96			
FINISH				CHK RE 8/7/96			
				REL RE 8/8/96			
				DWG. NO. 1278-3300			
				REV 2			
				SCALE--- SHEET 1 OF 1			

REV	ECN	DATE	APV
1	9114	9/29/97	LRT
2	9151	11/20/97	PE

ADDED A12-A5 FAN AT A12-2. REVERSED ARROW AT A10-J7. ADDED dBm LEVELS AS SHOWN. (MAS)

ADDED A12, COMBINER REJECT LOAD. (SAK)



- NOTES:
- 1) 12 AWG LINE CORD 1227-1328
 - 2) ALL RG-55 CABLES FROM A9-A1 TO UHF AMPS MUST BE EQUAL LENGTH.
 - 3) ALL 1/2" SUPERFLEX FROM UHF AMPLS TO A7 MUST BE EQUAL LENGTHS.
 - 4) ALL SHIELDED WIRE IS BELDEN YR40143 UNLESS OTHERWISE NOTED.
 - 5) ALL SINGLE WIRE IS 22 AWG UNLESS OTHERWISE NOTED.
 - 6) CONNECTIONS SHOWN ARE FOR 3 PHASE INPUT ONLY.
 - 7) CONNECTIONS SHOWN ARE FOR SINGLE PHASE INPUT ONLY.
 - 8) USED WITH THE 3.0KW AMPL ARRAY POWER LEVEL KIT ONLY.
 - 9) USED WITH THE 2.5KW OR 3.0KW AMPL ARRAY POWER LEVEL KIT ONLY.
 - 10) OUTPUTS 5 OR 6 ARE TERMINATED WITH 50 OHM TERMINATIONS FOR THE 2.0kW POWER LEVEL KIT. OUTPUT 6 IS TERMINATED WITH A 50 OHM TERMINATION FOR THE 2.5kW POWER LEVEL KIT.
 - 11) ADD HEATSHRINK BEFORE SOLDERING WIRES TO FAN TERMINALS.

NOTE 10 READ, WHEN OUTPUTS 5 OR 6 NOT USED THEY ARE TERMINATED WITH A 50 OHM TERMINATION.

AO 20020315/20/99 RE
AT A10 SINGLE PHASE AC I/P TBI-3 WAS TBI-2/GND & TBI-4 WAS TBI-3/LINE 2. ADDED NOTE 9 TO A7-7, 8, 9, & (MAS)

3 193713/16/98 RE
ADDED A12-A5 FAN AND WIRING BETWEEN A12-A5 AND A11 (MAS)

2 196610/27/97 LRT
ADDED A12 REJECT LOAD ASSY. AND NOTE 11.

1 191419/23/97 LRT
ADDED NOTE 9 TO A7-7, 8, 9, & (MAS)

REV ECO DATE APV

ADC Telecommunications

REV ECO DATE APV

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MATERIAL
FINISH

DATE APV

TITLE
INTERCONNECT -
2-3kW AMPLIFIER ARRAY
(1278-1300)

DWN PJK 7/19/96
CHK RE 7/19/99
REL RE 7/19/99

DWG. NO.
1278-8300

SCALE 1=1

REV
A0

SHEET 1 OF 1

J4 IS A 25 POS "D" CONN.