

SHEET INDEX - SD DWG & T DWG SHEET ISSUES ARE IN AGREEMENT AS FOLLOWS

SCHEMATIC		ISSUE									
SD-82604-01	WIC	1	1	2	5						
WIRING DIAGRAM		ISSUE									
AUTO CHG	SH NO.										
AH1	A1	1	2	3	4	5					
	B1	1	2	3	4	5					
	B2	1	2	2	4	5					
	B3	1	2	2	4	5					
	B4	1	2	2	4	4					
	D1	1	2	2	4	5					

- 51- SEE SHEET INDEX FOR DRAWING FROM WHICH THIS DRAWING IS MADE.
- 52- CONNECTING DRAWINGS:
CHARGE & DISCHARGE CKT
REMOTE ACCESS
- 53- ASSOCIATE DRAWING:
PLANT CONTROL CKT
- 54- EQUIPMENT ARRANGEMENT:
J85502A-1
- 55- PROVIDE A NO. 6 AWG KS-5482-01 FRAME GROUNDING CONDUCTOR FROM THE BAY FRAMEWORK THAT MOUNTS THE RECTIFIER IN ACCORDANCE WITH SD-82604-01 NOTE 315.
- 56- AC EQUIPMENT GROUND AND CHASSIS OF RECTIFIER SHALL BE PROVIDED AS SPECIFIED IN ATTP 802-C01-180.

AC INPUT	OUTPUT		LINE FUSE		INPUT CONDUCTORS	
	VOLTS	AMPS	TYPE	FR	KS-5482-01	KS-20785*
208	24		10	FRN 10	3-NO.14	2-NO.14
240		25				
208	48		15	FRN-R 15		
240						

* COMES WITH A BARE GROUND WIRE.
** TWO PER RECTIFIER OR AN EQUIVALENT CIRCUIT BREAKER.

58- THIS RECTIFIER CONNECTS TO VARIOUS CONTROLLERS VIA CABLE ASSEMBLIES PER H-285-224 LL-1 SHOWN ON INDIVIDUAL PLANT SCHEMATICS.

- MANUFACTURING NOTES CONVENTIONS
- X— SPLICE
 - DIVISION OF GENERAL WIRING VIEWS.
 - COMN FURNISHED AS PART OF APPARATUS.
 - ⊙ SCREEN CONNECTION
 - TERM LUG
 - CABLE
- 1- UNLESS OTHERWISE SPECIFIED ALL WIRING TO BE 22GA STRANDED PER KS-22247, L-4 AND PART OF WIRE KIT 845365956 BGA, 14GA, 16GA & 18GA SHALL ALSO BE STRANDED PER KS-22247, L-4.
- 2- THESE WIRES ARE TO BE STRANDED PER KS-22247, L-5.
- 3- PART OF WIRE KIT 845365951.
- 4- PART OF WIRE KIT 845365949.
- 5- P1 - SINGLE WIRES TWISTED APPROXIMATELY MINIMUM OF ONE TURN PER TWO INCHES.
- 6- PT - WIRES FURNISHED AS PART OF THE APPARATUS.
- 7- H1, H2, ETC - WIRES RUN THRU CORRESPONDINGLY DESIGNATED HOLES IN PANEL.
- 8- B1 - TERMINAL NEAREST BASE OF PANEL.
- 9- NO WIRES ON THIS DRAWING ARE TO BE RUN BY THE INSTALLER EXCEPT WIRES IN FIGS. H1, H2, H3, H4, HA & HB.
- 10- ITEMS IN [] BRACKETS ARE FOR INFORMATION ONLY.

MD0955021Y-1	2-20-59
RJP	UAL MS
CHANGES MADE TO AGREE WITH MANUFACTURED PRODUCT AND TO AGREE WITH OFFICIAL SD ISSUE.	
5-21-85	CLB
RJP	UAL MS
NOTE 10 ADDED TO "SEE NOTE 2" APP. 18 GA WIRES	
4-25-85	CL AD
NOTE 10 ADDED, FIG A WAS PART OF FIG 1, FIG B, H3 & H4 ADDED.	
4-25-86	CL B
OR	UAL
ON SH A1 NOTE 1 WIRE KIT READ "845199272" THROUGH DWG "ZB, ZH, ZP" APP WAS NOT SO DES. "ZC, ZI & ZP" APP ADDED RESP IN FIG 1 AT (R4) (VOLTS ADJ) POT CODE READ "35405-704" (BOURNS)."	
4- -86	CLASS "M"
JMK EJC	UAL
	5

T-82604-30

5	ZQ APP	ZP APP	ZQ,ZP		ZH
	ZI APP	ZH APP	ZI		ZH
4	ZL APP	ZB APP	ZC		ZB
	FIG B	FIG A	B		A

	N	N	N
	ZA	ZA	
	Z	Z	
20	Y	Y	
	W	W	W
	V	V	V
	T	T	
	S	S	S
15	R	R	R
	Q	Q	
	I	A	B
	I	B	A(1)
	CAD 4	Y	HB
10	CAD 3	Z	HA
	CAD 6		HA
	CAD 5	A	H3
	CAD 2	B	H2
	CAD 1		H1
5	J	3	
		2	
	(CADS2,		
	3, 4, 5)	1	
1	1, 2, 4, 5	ZD, A	
LINE	FIG	OPT	FIG
	SD-82604-01	T-82604-30	

SCHEMATIC FIGURES AND OPTIONS AGREE WITH SIMILARLY DESIGNATED WIRING DIAGRAM FIGURES AND OPTIONS EXCEPT AS SHOWN ABOVE. WE ASSIGNED FIGURES AND OPTIONS ARE PREFIXED WITH LETTER H AND HAVE NO SCHEMATIC EQUIV UNLESS SHOWN ABOVE. ITEMS IN () PARENTHESES ARE FOR INFORMATION ONLY AND ARE NOT TO BE RECORDED ON JOB WIRING LIST DRAWINGS.

TABLE C - SD T DWG CROSS REFERENCE TABLE

CA	CB	CC	CD	CE	CF
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TABLE D - SHEET LOC OF FIGURES & OPTIONS

FIG	OPT	SHEET
H, Y, Z		B1
R, S, V,		B2
H, Q, T, V,		B3
H, Y, Z, ZL, ZH		B4
R, S, V, ZB, ZC		B5

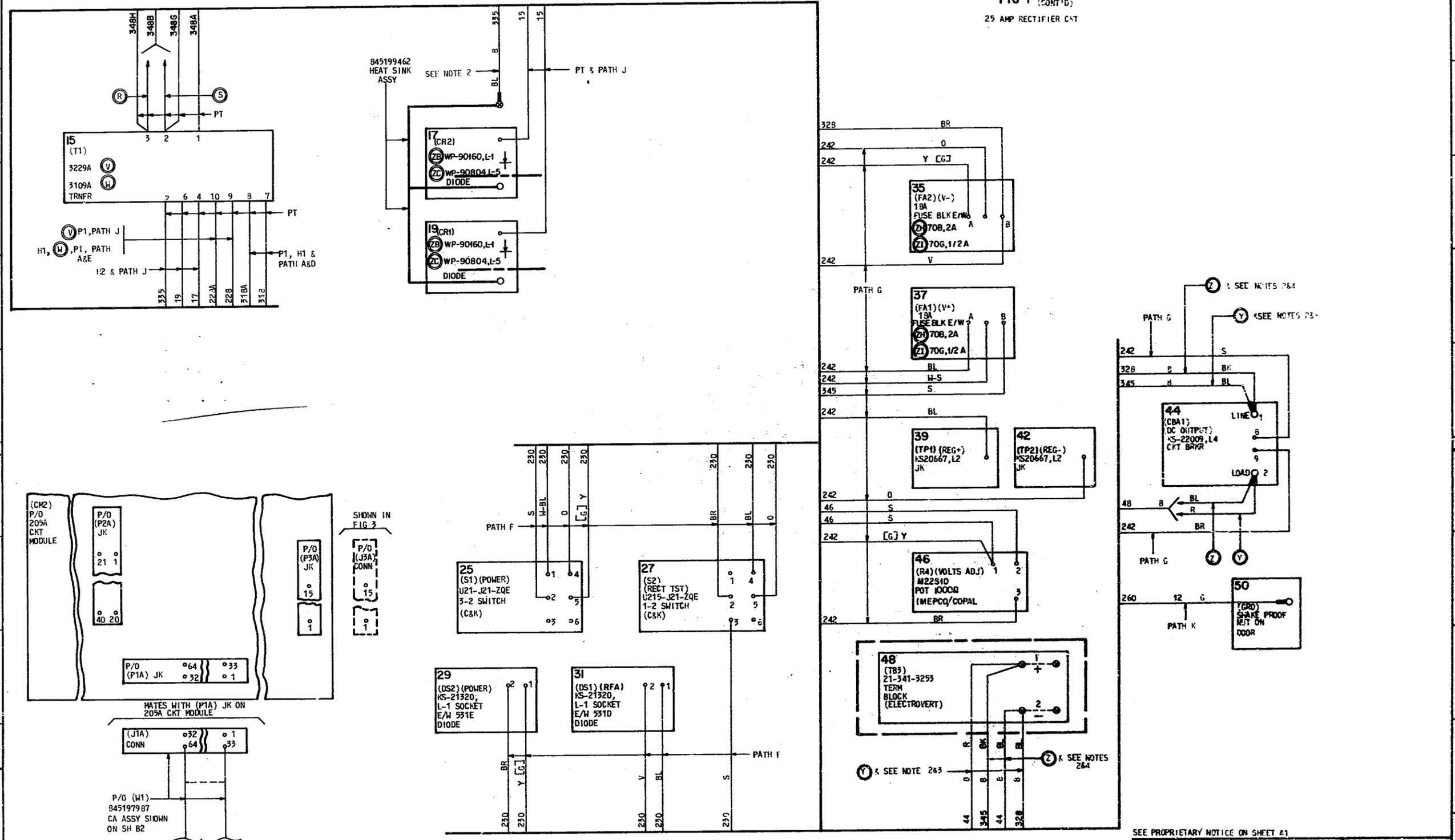
AT&T TECHNOLOGIES, INC. - PROPRIETY
USE PURSUANT TO COMPANY INSTRUCTIONS

POWER SYSTEM
RECTIFIER CIRCUIT
INPUT: 208 VOLTS OR 240 VOLTS 60HZ
OUTPUT: 24 VOLTS OR 48 VOLTS
25 AMPERES

6 SHEETS
DIST CODE BMD
DWG SIZE ISSUE
65 5

AT&T TECHNOLOGIES, INC. T-82604-30 SHEET A1

FIG 1 (CONT'D)
25 AMP RECTIFIER CRT



T-82604-30
SHEET
BI

SEE PROPRIETARY NOTICE ON SHEET A1

POWER SYSTEM 25A RECT CRT		DWG SIZE 55	ISSUE 5
AT&T TECHNOLOGIES, INC. N.J. T-82604-30		SHEET BI	

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

FIG H1
POWER PLANT CONNECTIONS

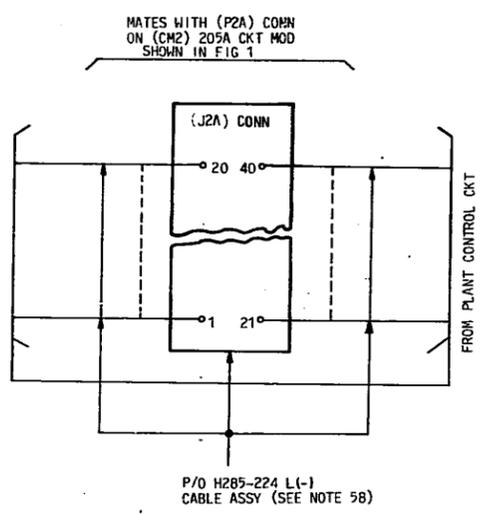


FIG H2 (MFR DISC)
120V COMMERCIAL AC SUPPLY

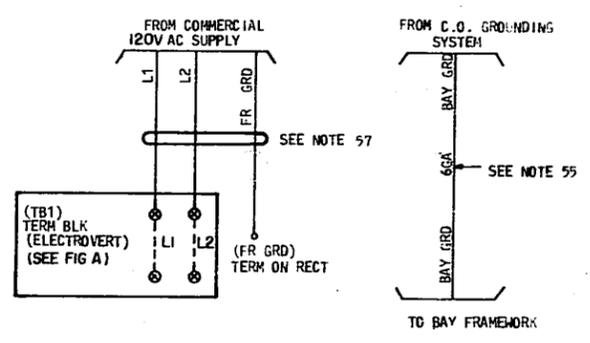


FIG HA
POS GRD

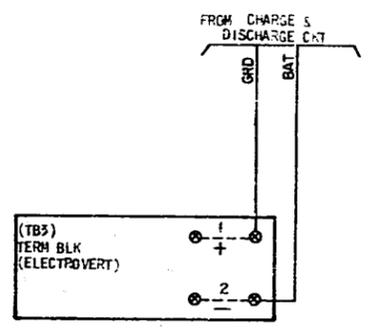


FIG HB
NEG GRD

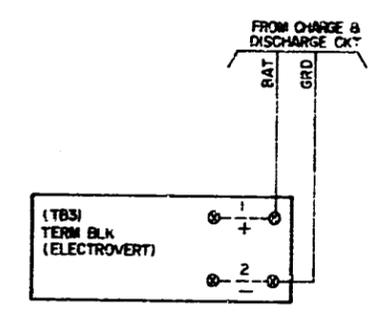


FIG H3

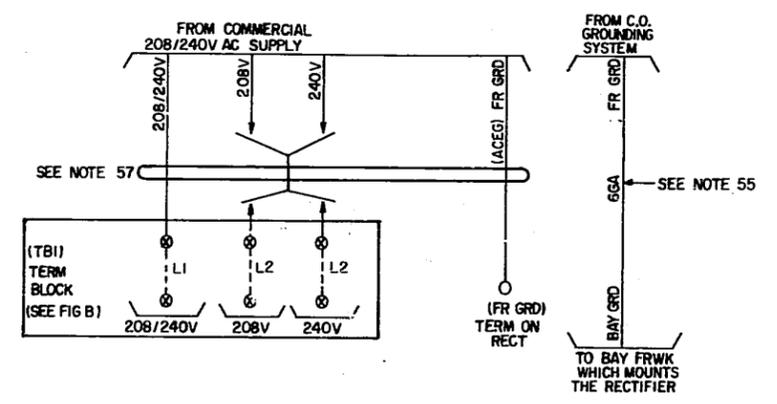
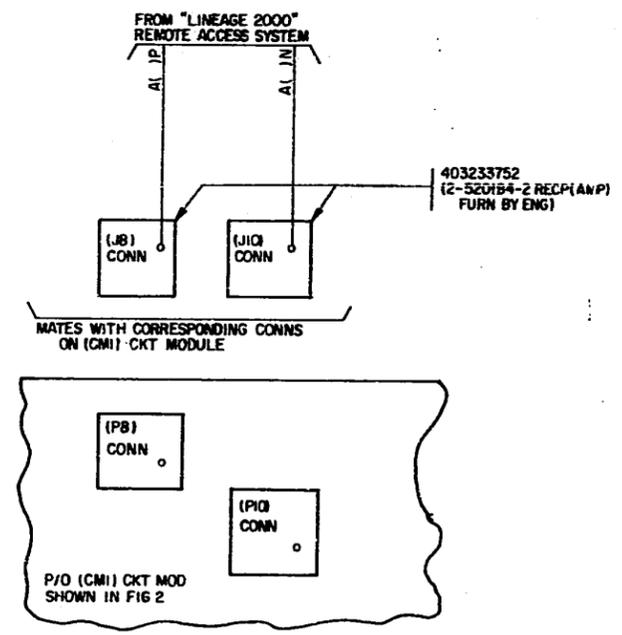


FIG H4



T-82604-30
SHEET
DI

SEE PROPRIETARY NOTICE ON SHEET A1

POWER SYSTEM 25A RECT CKT		DWG SIZE A2	ISSUE 5
AT&T TECHNOLOGIES, INC. NJ		T-82604-30	SHEET DI