

SHEET INDEX - SD DWG & T DWG SHEET ISSUES ARE IN AGREEMENT AS FOLLOWS									
SCHEMATIC		ISSUE							
SD-32604-01		1	2	3	4	5	6	7	8
WIRING DIAGRAM		ISSUE							
AUTO CHG	SH NO.								
AH1	A1	1	3	4	5	6	7		
	B1	1	3	4	5	6	7		
	B2	1	3	4	5	6	7		
	B3	1	3	4	4	4	7		
	B4	1	2	3	4	4	6	7	
	B5	-	-	3	4	4	6	7	
	DI	1	1	3	4	4	4	4	

51- SEE SHEET INDEX FOR DRAWING FROM WHICH THIS DRAWING IS MADE.

52-CONNECTING DRAWINGS:
 CHARGE & DISCHARGE CKT T-82603-30
 REMOTE ACCESS SYS T-8304-30
 SD-82645-01

53-ASSOCIATED DRAWING:
 PLANT CONTROL CKT T-82588-30
 T-82646-30

54-EQUIPMENT ARRANGEMENT:
 J85902B-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 902-001-130.

AC INPUT	OUTPLT		LINE FUSE #		INPUT	
	VOLTS	AMPS	TYPE FN	UL APP'D BUSMAN	KS-5482-01	KS-20785*
208	24	50	15A	FRN-R15	3-NO.14	2-NO.14
240	48		20A	FRN-R20	3-NO.12	2-NO.12

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

58-THIS RECTIFIER CONNECTION TO VARIOUS CONTROLLERS VIA CABLE ASSEMBLIES PER H-283-224 L1 SHOWN ON INDIVIDUAL PLANT SCHEMATICS

MANUFACTURING NOTES CONVENTIONS

- ✕ SPLICE
- DIVISION OF GENERAL WIRING VIEWS
- CONN FURN AS PART OF APPARATUS
- ⊙ SCREW CONNECTION
- TERM LUG
- CABLE

1-UNLESS OTHERWISE SPECIFIED ALL WIRING TO BE 22GA STRANDED PER KS-22247,L4 AND PART OF WIRE KIT 845561349 60A,120CA 16GA & 18GA SHALL ALSO BE STRANDED PER KS-22247,L4.

2-THese WIRES ARE TO BE STRANDED PER KS-22247,L5.

3-PART OF 845567606 WIRE SET.

4-PART OF 845567614 WIRE SET.

5-P - PAIR.

6-T - TRIPLE.

7-P1 - SINGLE WIRES TWISTED APPROXIMATELY MINIMUM OF ONE TURN PER TWO INCHES.

8-P1 - WIRES FURNISHED AS PART OF THE APPARATUS.

9-B1 - TERMINAL NEAREST BASE OF PANEL

10-H1,H2 ETC - WIRING RUN THRU CORRESPONDINGLY DESIGNATED HOLES IN PANEL.

11-NO WIRES ON THIS DRAWING ARE TO BE RUN BY THE INSTALLER EXCEPT WIRES IN FIGS H1,H2,H3,H4,HA & HB.

12-INFORMATION IN BRACKETS [] IS FOR RECORD ONLY.

13-PART OF 845562008 WIRE SET.

14-EARLY PRODUCTION MODELS MAY HAVE THE OLD DESIGNED 1219A INDUCTORS WHICH WERE EQUIPPED WITH STRANDED WIRES INSTEAD OF TABS.

15-WHEN FIG D IS FURNISHED, CUT LEAD 1, FROM (T1) TRANSFORMER, 3107C, APPROXIMATELY 10 INCHES FROM THE WINDING. CRIMP 1, 997523723 TERMINAL TO THE END OF LEAD 1 AND CONNECT TO TERMINAL 2 OF THE (SH1) RELAY AT THE INRISH CURRENT CONTROLLING UNIT ED-83115-30. (SHOWN IN FIG D).

NOTES 12,13 & 14 ADDED NOTE 76 REMOVED & READ "MOD OF SD-82604-01 CONSISTS OF CONSIDERING CHGS PER LDT 18 & 19 SCHEDULED FOR SD OFF ISSUE 2A." IN NOTE 1 WIRE READ "845199272" FIG A WAS PART OF FIG 1, FIG B, H3 & H4 ADDED.

5-9-86 CLASS B

NOTE 1, WIRE KIT READ "845199272" THRUOUT DWG "ZC, ZI,ZM,ZS & ZQ" APP WAS NOT SO DES. "ZB,ZH,ZL,ZR & ZP" APP ADDED RESP. IN FIG 1 AT (R4) (VOLTS ADJ) POT CODE READ "35405-701-102 (BOURNS)".

4-16-88 CLASS "M"

ZT & ZX OPT WAS NOT SO DESIG; ZY, ZZ & ZU OPT ADDED

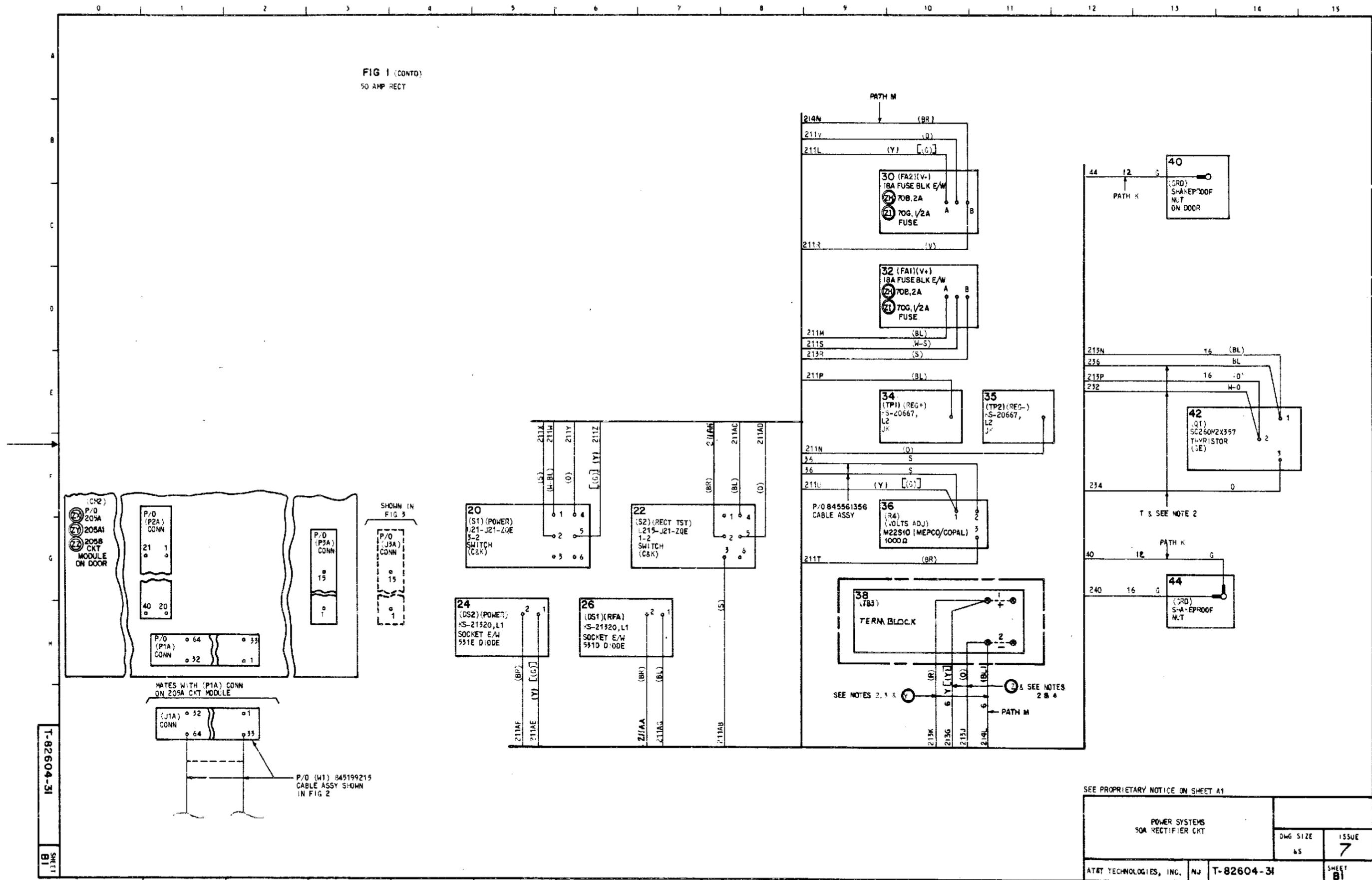
12-19-88 CLASS M

ON SHAT NOTE 15 ADDED. FIG C WAS PART OF FIG 1, FIG D ADDED.

8-2-89 CLASS B

INCORPORATED POINT ISSUE CHANGES ON SH01, SH02, SH03, SH04, SH05, SH06, SH07, SH08, SH09, SH10, SH11, SH12, SH13, SH14, SH15, SH16, SH17, SH18, SH19, SH20, SH21, SH22, SH23, SH24, SH25, SH26, SH27, SH28, SH29, SH30, SH31, SH32, SH33, SH34, SH35, SH36, SH37, SH38, SH39, SH40, SH41, SH42, SH43, SH44, SH45, SH46, SH47, SH48, SH49, SH50, SH51, SH52, SH53, SH54, SH55, SH56, SH57, SH58, SH59, SH60, SH61, SH62, SH63, SH64, SH65, SH66, SH67, SH68, SH69, SH70, SH71, SH72, SH73, SH74, SH75, SH76, SH77, SH78, SH79, SH80, SH81, SH82, SH83, SH84, SH85, SH86, SH87, SH88, SH89, SH90, SH91, SH92, SH93, SH94, SH95, SH96, SH97, SH98, SH99, SH100, SH101, SH102, SH103, SH104, SH105, SH106, SH107, SH108, SH109, SH110, SH111, SH112, SH113, SH114, SH115, SH116, SH117, SH118, SH119, SH120, SH121, SH122, SH123, SH124, SH125, SH126, SH127, SH128, SH129, SH130, SH131, SH132, SH133, SH134, SH135, SH136, SH137, SH138, SH139, SH140, SH141, SH142, SH143, SH144, SH145, SH146, SH147, SH148, SH149, SH150, SH151, SH152, 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FIG 1 (CONTD)
50 AMP RECT

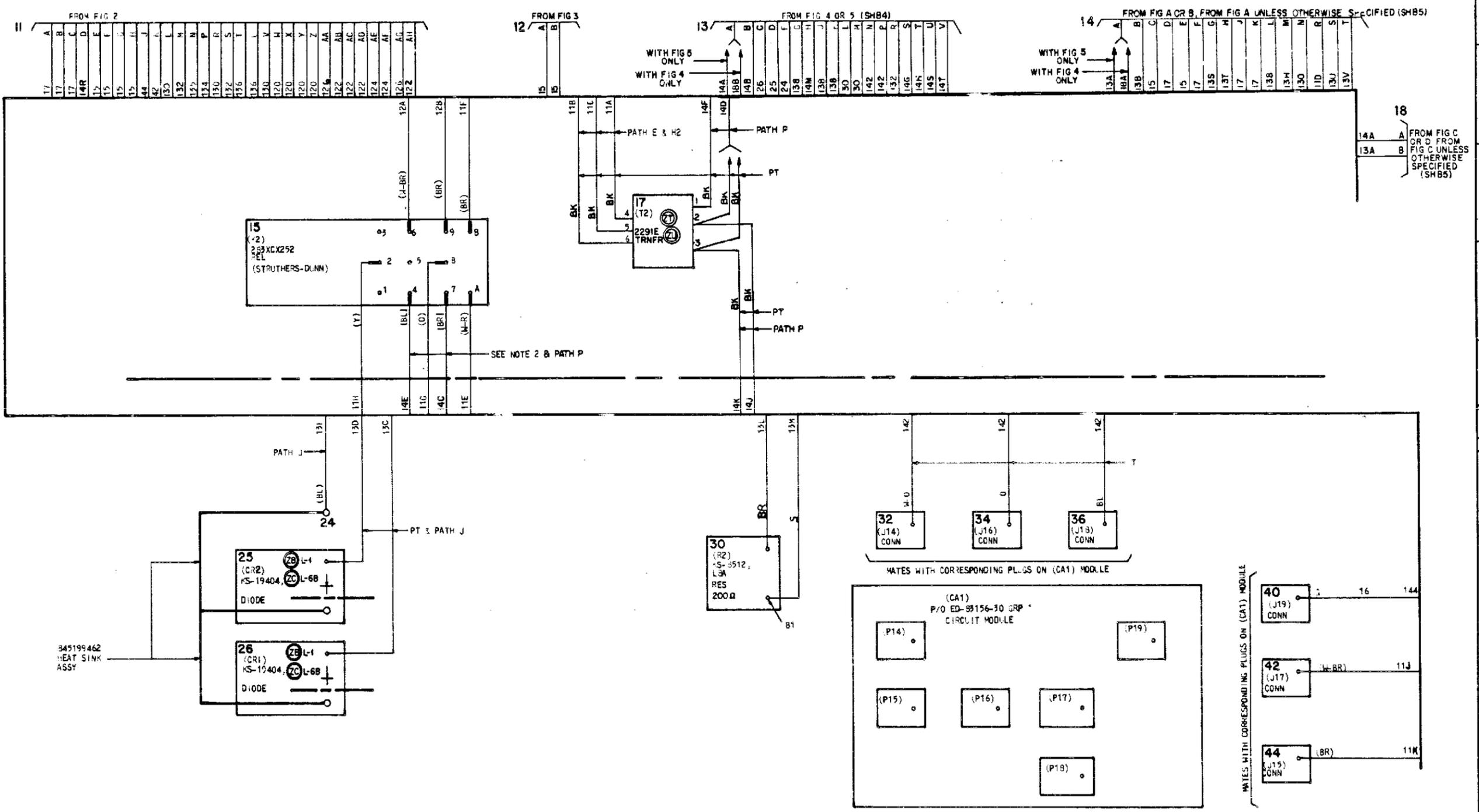


SEE PROPRIETARY NOTICE ON SHEET A1

POWER SYSTEMS 50A RECTIFIER CKT		DWG SIZE 65	ISSUE 7
AT&T TECHNOLOGIES, INC., NJ		T-82604-38	SHEET B1

T-82604-38
SHEET
B1

FIG 1



FROM FIG 2
 A 17
 B 17
 C 17
 D 17
 E 17
 F 17
 G 17
 H 17
 I 17
 J 17
 K 17
 L 17
 M 17
 N 17
 O 17
 P 17
 Q 17
 R 17
 S 17
 T 17
 U 17
 V 17
 W 17
 X 17
 Y 17
 Z 17
 AA 17
 AB 17
 AC 17
 AD 17
 AE 17
 AF 17
 AG 17
 AH 17

FROM FIG 3
 A 15
 B 15

FROM FIG 4 OR 5 (SHB4)
 A 14
 B 14
 C 14
 D 14
 E 14
 F 14
 G 14
 H 14
 I 14
 J 14
 K 14
 L 14
 M 14
 N 14
 O 14
 P 14
 Q 14
 R 14
 S 14
 T 14
 U 14
 V 14

FROM FIG A OR B, FROM FIG A UNLESS OTHERWISE SPECIFIED (SHB5)
 A 13
 B 13
 C 13
 D 13
 E 13
 F 13
 G 13
 H 13
 I 13
 J 13
 K 13
 L 13
 M 13
 N 13
 O 13
 P 13
 Q 13
 R 13
 S 13
 T 13
 U 13
 V 13

FROM FIG C OR D FROM FIG C UNLESS OTHERWISE SPECIFIED (SHB5)
 A 14A
 B 13A

345199462
 HEAT SINK
 ASSY

MATES WITH CORRESPONDING PLUGS ON (CA1) MODULE

MATES WITH CORRESPONDING PLUGS ON (CA1) MODULE

SEE PROPRIETARY NOTICE ON SHEET A1

POWER SYSTEM 90A RECTIFIER CNT		DWG SIZE 65	ISSUE 7
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 SHEET
 B2

FIG H1
POWER PLANT CONNECTIONS

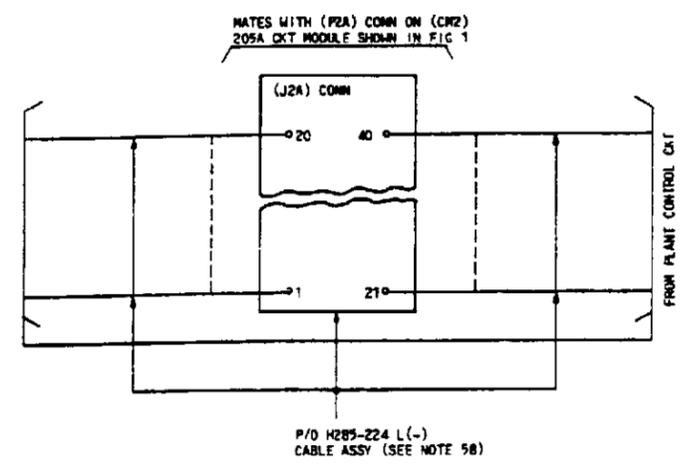


FIG H2 (MFR DISC)
120V COMMERCIAL AC SUPPLY

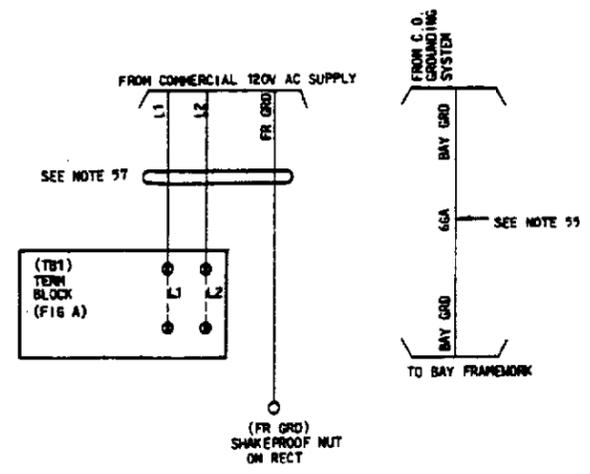


FIG H4

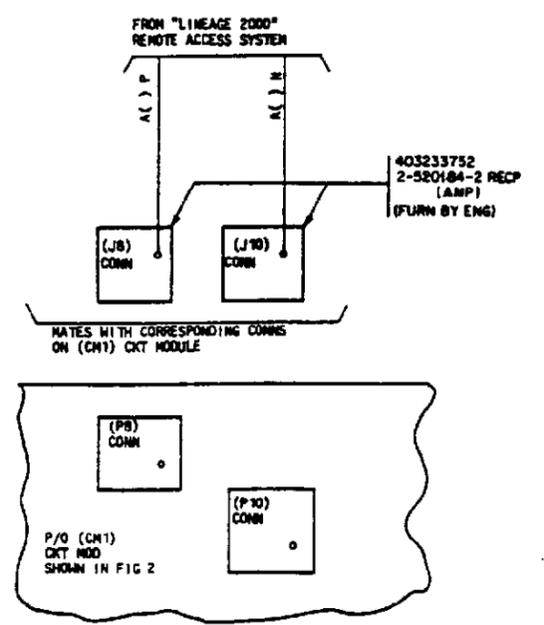


FIG H5A
POS GRD

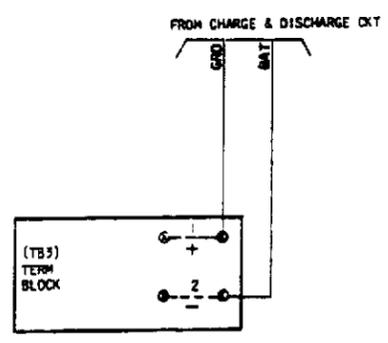


FIG H5B
NEG GRD

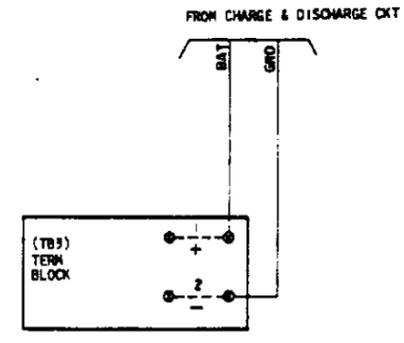
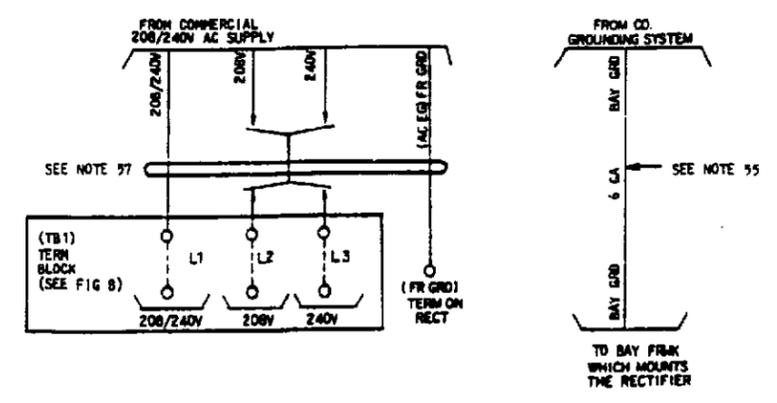


FIG H3



T-82604-31

SHEET 01

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USE PURSUANT TO COMPANY INSTRUCTIONS

POWER SYSTEM 50A RECTIFIER CKT	DWG SIZE	ISSUE
	65	4
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