

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

SCHEMATIC		ISSUE			
SD-83191-01	ISSUE	1	2	3	4
WIRING DIAGRAM					
AUTO CHG	ISSUE				
AH1	A1	1	2	3	
	A2	1	2	3	
	B1	1	2	3	
	B2	1	2	3	
	B3	1	2	3	
	B4	1	2	3	
	B5	1	2	3	
	B6	1	2	3	
	B7	1	2	3	
	B8	1	2	3	
	D1	1	2	3	

CHANGED ON ISSUE	DO NOT SPECIFY IF OFFICE RECORDS	THIS OPTION SEE AVAIL DA	WAS FURNISHED NOTE HAVING

TABLE B-RECORD OF FIGURES COMPONENTS AND WIRING CHANGES

35
30
25
20
15
10
5
0

CAD2	H2		
CAD3	H3		
FB2	B		
FB2.CAD1	B	G.H.N.J.H	
FB3.CAD1	B	G.H.N.J.H	
FB4.CAD1	4	G.H.N.J.H	
FB1.CAD1	3		
FB1.CAD1, CAD4	R.X	B	R.X
FB3.CAD3	R.X	1	R.X
FB3.CAD3	Y.Z		Y.Z
LINE	FIG	OPT	FIG
	SD-83191-01		Y-83191-30

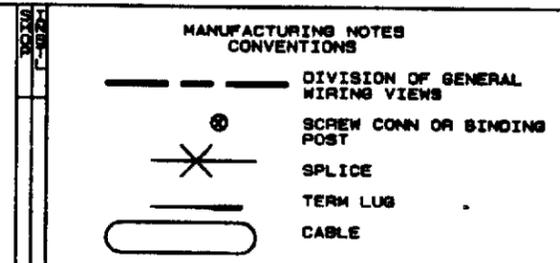
SCHEMATIC FIGURES AND OPTIONS ASIZE WITH SIMILARLY DESIGNATED WIRING DIAGRAM FIGURES AND OPTIONS AS SHOWN ABOVE. AT&T ASSIGNED FIGURES AND OPTIONS ARE PREFIXED WITH LETTER H AND HAVE NO SCHEMATIC EQUIV UNLESS SHOWN ABOVE. ITEMS IN () PARENTHESES ARE FOR INFORMATION ONLY AND NOT TO BE RECORDED ON JOB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

TABLE C-SD DWG CROSS REFERENCE TABLE

CA	CB	CC	CD	CE	CF

TABLE D-SHEET LOC OF FIGURES AND OPTIONS

FIG	OPT	FIG	OPT	FIG	OPT



ISSUE NO.	DATE ISSUED	DWG BY	APPV
POI: 84ESD1058			
1	05-27-84	JDT	RNN KOR
POI: 84ESD10708			
2	07-08-84	JDT	RNN KOR
POI: 84ESD11178			
3	12-02-84	JDT	RNN KOR

SH A2: MODIFIED NOTES 52, 53, 55 & 56.  
 SH B1: ADDED ∅.  
 SH B2, B3: ADDED REF "INVOLT" & "VRTN".  
 SH B5, B6: ADDED REF TO BUS BARS, LISTS, CABLESETS.  
 SH B8: ADDED "VRTN" REF.  
 SH B9: ADDED "VRTN" & "A" REF.  
 FIG 4 WAS FIG 7.  
 FIG 5 WAS FIG 6.  
 FIG 6 WAS FIG 4.  
 FIGS 5 & 6 DELETED.  
 SHEET 55 RENAMED 56.  
 SHEET 56 RENAMED 55.  
 SHEET 57 DELETED.  
 SHEET 58 RENAMED 57.  
 SHEET 59 RENAMED 58.  
 SHEET D1: ADDED FIG H2.

SH A2: ADDED TABLE J.  
 SH B1: ADDED OPTIONS A, B & 594B CKT MOD REF.  
 SH B2: ADDED INSTALLER "B" OPTION. CHGD VC1, VC2 TO VC3, VC4 RESP.  
 SH B3: ADDED INSTALLER "B" OPTION. REVERSED VC1, VC2.  
 SH B5: REVERSED E101, E102 WIRING. REVERSED E201, E202 WIRING. REVERSED E301, E302 WIRING.  
 SH B6: REVERSED E201, E202 WIRING. REVERSED E301, E302 WIRING.  
 SH B7: CHGD VC1, VC2 TO VC3, VC4 RESP.  
 SH B8: REVERSED VC1, VC2.  
 SH D1: CORRECTED BACKPLANE COMCODE.

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POWER SYSTEMS  
 GLOBAL POWER DISTRIBUTION SYSTEM FOR ESS  
 J88334E-1

DISK CODE B810  
 DWG SIZE 28 ISSUE 3  
 11 SHEETS SHEET A1

AT&T DJ T-83191-30  
 GREAT PRINTED IN USA

ENGINEERING NOTES:

51. SEE SHEET INDEX FOR DRAWING FROM WHICH THIS DRAWING WAS MADE.
52. THE MAXIMUM INPUT CURRENT FOR EACH FUSE PANEL BUS IS:  
 ED-83133-30, G1 OR G2:  
 480 AMPS PER BUS  
 ED-83133-30, G3:  
 180 AMPS PER BUS  
  
 ENGINEER MUST DETERMINE MAXIMUM LOAD CURRENT AND SIZE FEEDER CABLES APPROPRIATELY.
53. THE MAXIMUM INPUT FEEDER CABLE SIZES (TO THE GPDF) ARE AS FOLLOWS:  
 ED-83133, G1 OR G2: 350 MCM (150 MM<sup>2</sup>)  
 ED83133-30, G3: 4/0 (100 MM<sup>2</sup>)
54. THE MAXIMUM OUTPUT CABLE SIZES (FROM THE GPDF TO THE LOADS) ARE AS FOLLOWS:  
 ED-83133-30, G1 OR G2: 10 AWG (5 MM<sup>2</sup>)  
 (8 AWG (5 MM<sup>2</sup>) CABLES MAY BE USED IN SPECIAL CASES. CONSULT A POWER ENGINEER.)  
 ED-83133-30, G3: 2 AWG (30 MM<sup>2</sup>)
55. THE 407070002 FUSE BLOCK IN FIG. 2 (FB1-FB12) HAS A MAXIMUM CURRENT RATING OF 120 AMPS IN THIS APPLICATION.
56. THE 407123991 FUSE BLOCK IN FIG. 2 (FB13) HAS A MAXIMUM CURRENT RATING OF 120 AMPS IN THIS APPLICATION.
57. THE KS-18364, L5 FUSE BLOCK IN FIG. 10 HAS A MAXIMUM CURRENT RATING OF 50 AMPS IN THIS APPLICATION.
58. LOAD CURRENTS SHALL NOT EXCEED 80% OF FUSE RATING.
59. 10 AWG WIRE SHOWN IN FIG. 9 IS PART OF CABLE ASS'Y FURNISHED WITH ED-83121-30.
60. ENGINEER SHALL FURNISH KS-21103 CONNECTORS AS REQUIRED TO MATE WITH KS-21103, L4 IN FIG. 3.

MANUFACTURING NOTES:

1. ALL WIRING TO BE 22 GA, KS-22247, L4, STRANDED, COLORED GREEN UNLESS OTHERWISE SPECIFIED.
2. P DENOTES PAIR
3. NO WIRING ON THIS DRAWING IS TO BE RUN BY THE INSTALLER EXCEPT WIRING DESIGNATED BY Ø AND WIRING IN ANY FIGS DESIGNATED "H".
4. IN FIGS 2, 8, 10, WIRING PROVIDING POWER TO LOADS SHALL BE PAIRED.

TABLE K

FUSE CODES AVAILABLE					
FIGURE	FUNCTION	MANUFACTURER	PART NO.	COMCODE	RATING (AMPS)
2	F1 TO F24 AND FF1 TO FF4	BUSSMANN	WP-92955, L8	407132257	25
2	FA1 TO FA2	LITTELFUSE	WP-91768, L108	405747535	3
10	FF1 TO FF4	BUSSMANN	AFJ-30		30
10	F1 TO F8	GOULD SHAWMUT	A13X50		50
		INT'L RECT.	13X50		
		ECONOMY FUSE	RFA50		

TABLE J

994A OR 994B P3 PIN NO.	847275365 J3 PIN NO.	WIRESET J20/21 PIN NO.	BACKPLANE ASSEMBLY 843779408	WIRE COLOR	SIGNAL
1	1	J20-12	011	BL-W	MNV (B) R
2	2	J20-11	010	O-W	MNV (B)
3	3	J20-8	007	G-W	MNV (A) R
4	4	J20-7	008	BR-W	MNV (A)
5	5	J20-10	009	S-W	MJV (B) R
6	6	J20-9	008	R-BL	MJV (B)
7	7	J20-6	005	R-O	MJV (A) R
8	8	J20-5	004	R-G	MJV (A)
9	9	J21-8	020	R-BR	MN (B) R
10	10	J21-7	019	R-S	MN (B)
11	11	J21-4	016	W-BL	MN (A) R
12	12	J21-3	015	W-O	MN (A)
13	13	J21-5	018	W-G	MJ (B) R
14	14	J21-5	017	W-BR	MJ (B)
15	15	J21-2	014	W-S	MJ (A) R
16	16	J21-1	013	BL-R	MJ (A)
17	17	J20-2	001	O-R	MIN RET
18	18	J20-14	101	G-R	MIN
19	19	J20-1	000	BR-R	MAJ RET
20	20	J20-13	100	S-R	MAJ

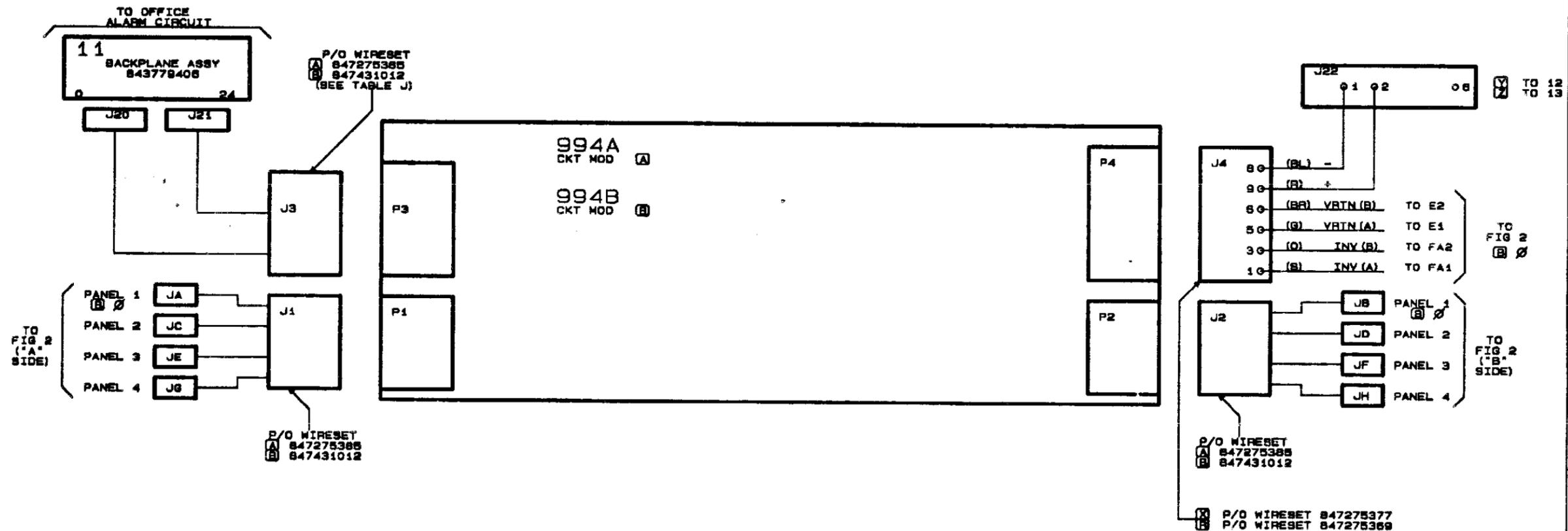
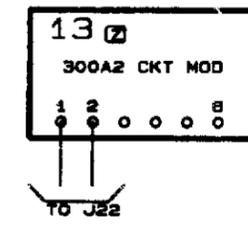
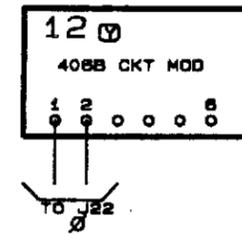
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AT&T	T-83191-30	SHEET A2

FIG. 1

ALARM PANEL  
J86334E-1

FRAME ALARM CIRCUIT PACKS



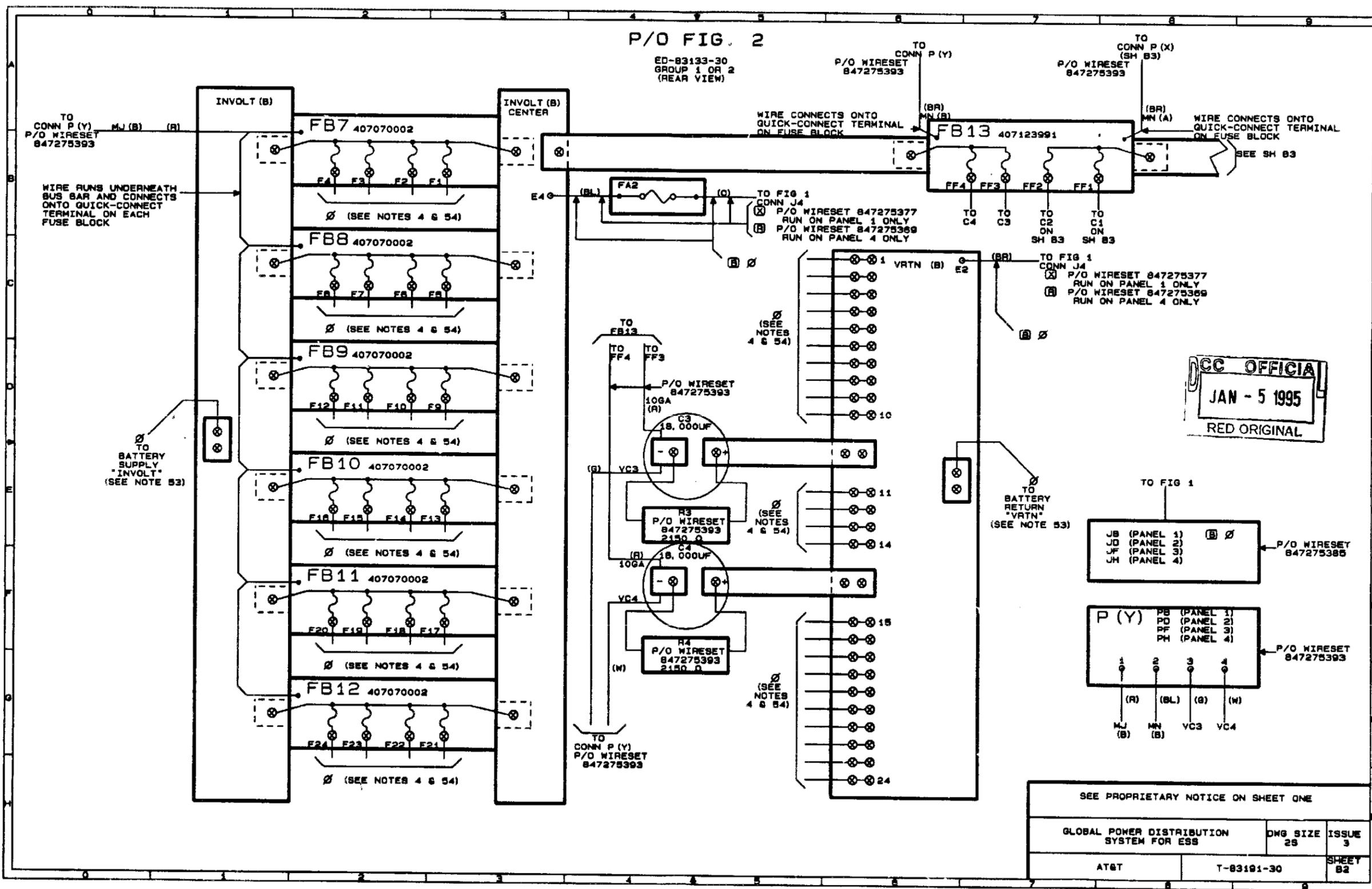
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P/O FIG. 2

ED-83133-30  
GROUP 1 OR 2  
(REAR VIEW)



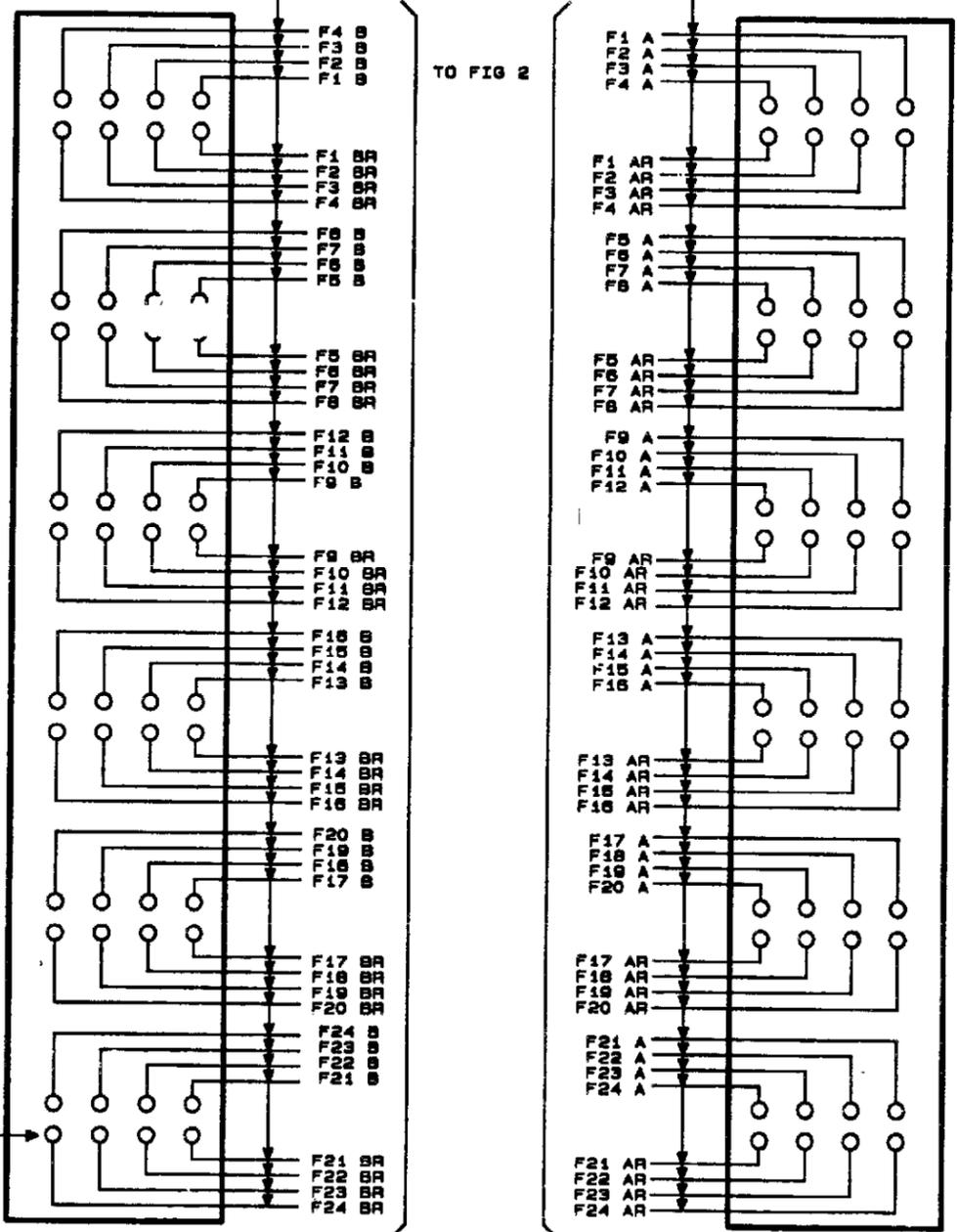
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FIG. 3

10 GA (SEE NOTE 59) CONNECTORIZATION PANEL (EDB3121-30) 10 GA (SEE NOTE 59)



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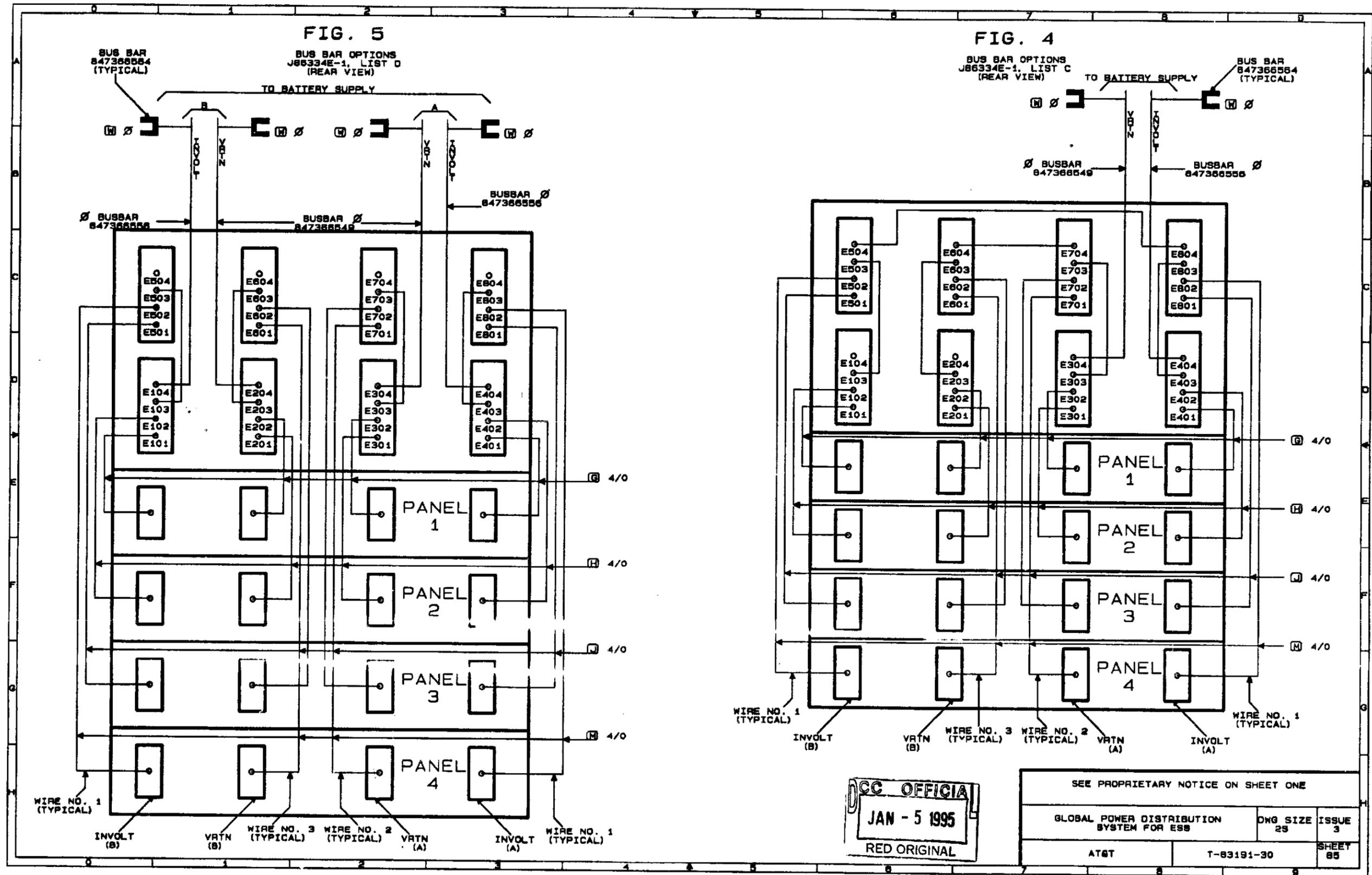


FIG. 5

BUS BAR OPTIONS  
J86334E-1, LIST D  
(REAR VIEW)

FIG. 4

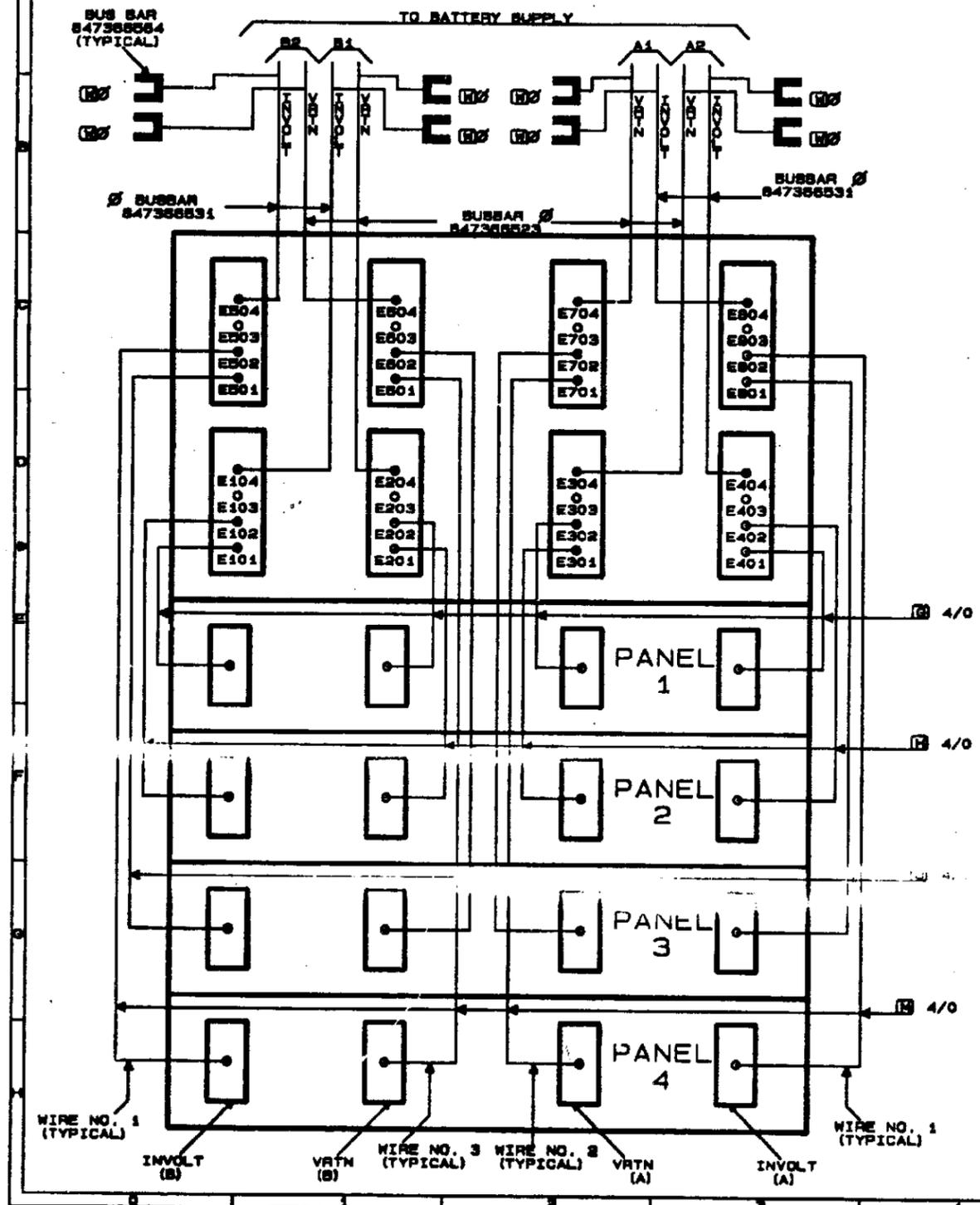
BUS BAR OPTIONS  
J86334E-1, LIST C  
(REAR VIEW)

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FIG. 6

BUS BAR OPTIONS  
J86334E-1, LIST E  
(REAR VIEW)

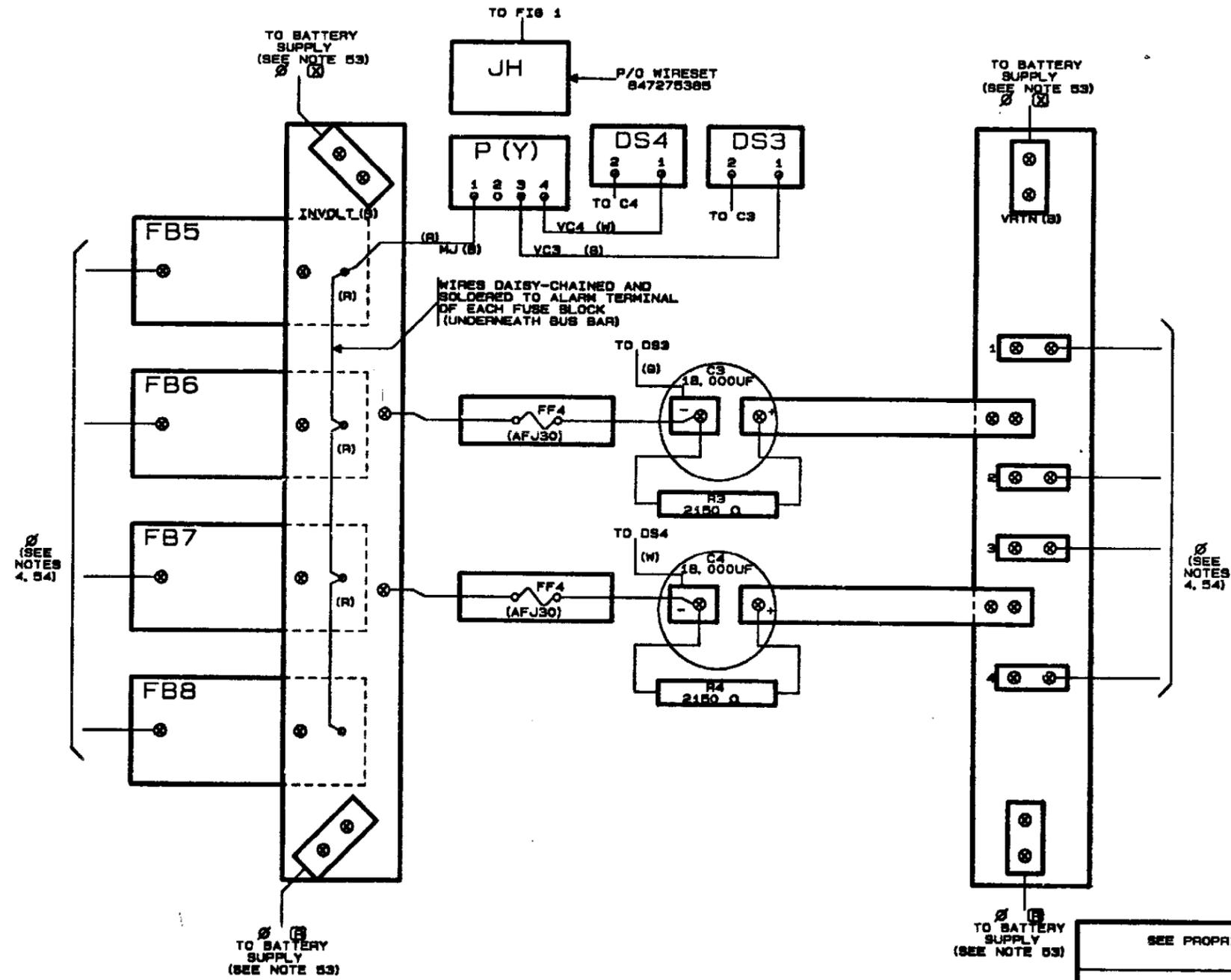


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P/O FIG. 9

ED-83193-30, G3  
(REAR VIEW)



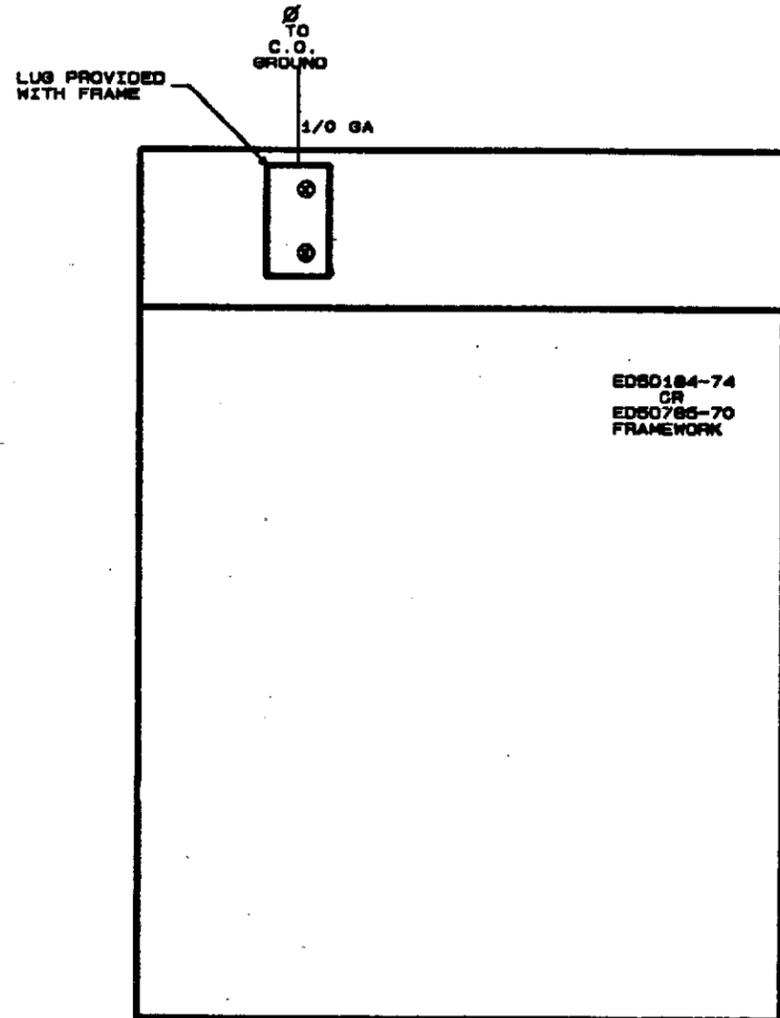
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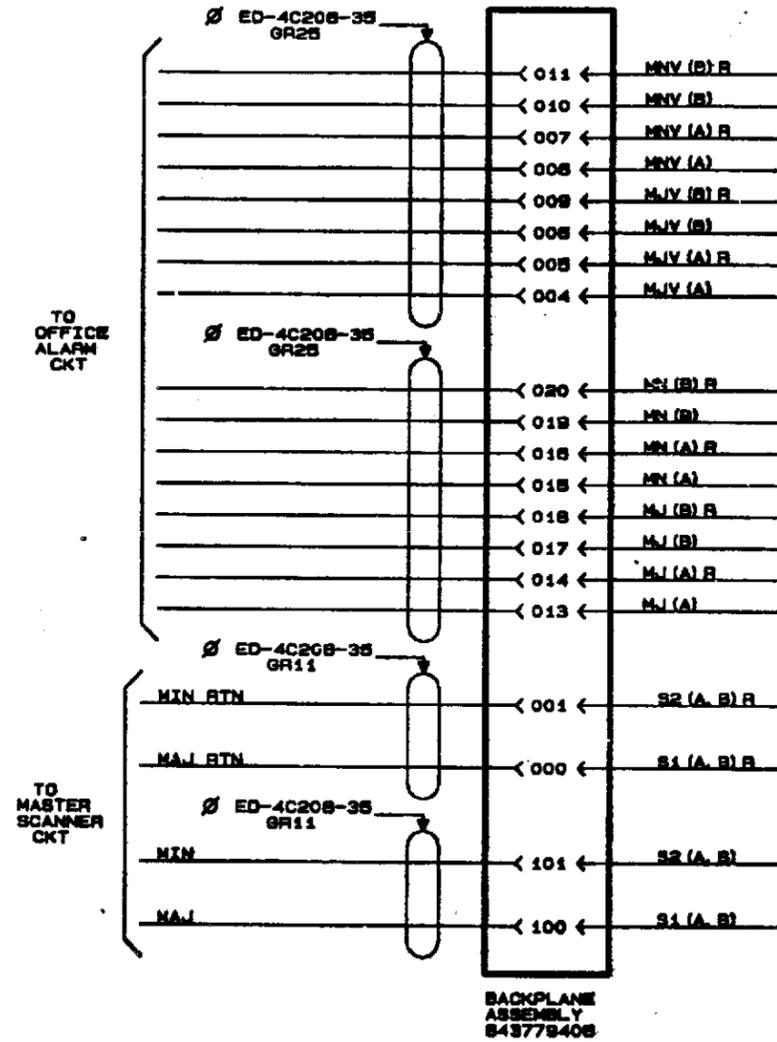
**FIG. H1**

J88334E-1  
FRAME GROUND  
(REAR VIEW)



**FIG. H2**

J88334E-1  
ALARM OUTPUT SIGNALS



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