



ENGINEERING NOTES (CONTINUATION)

82. FOR POSITION LABELS GREATER THAN PCF04, A SET OF LABELS CONTAINING PCF04 THROUGH PCF07 MAY BE ORDERED SEPARATELY FOR LIST 3 & 4 CABINETS. ORDER 84757773. FOR LIST 3 CABINETS, ORDER 84757793.

83. LIST AS PROVIDES BEZELS WITH "CESS" DESIGNATION AND LABELS THAT DO NOT SPECIFY "CESS" BEZELS ALSO DO NOT SHOW UL MARK (SEE FIG. Q).

84. ONE BOLTING HARDWARE KIT MUST BE ORDERED FOR EACH CONNECTOR AS SHOWN IN TABLES 5 AND 7. BOLTING HARDWARE KITS ARE SHOWN ON H549-415. THERE ARE FOUR BASIC KITS AS FOLLOWS:

HARDWARE KIT #1 (V4-20)	GRADE 2	847073699
HARDWARE KIT #2 (3/8-16)	GRADE 2	847073737
HARDWARE KIT #3 (3/8-16)	GRADE 3	847073749
HARDWARE KIT #4 (1/2-20)	GRADE 3	847073756

GRADE 3 HARDWARE IS TO BE ORDERED UNLESS DIRECTED BY CUSTOMER TO USE GRADE 2 HARDWARE FOR EARTH/GROUND-PRONE AREAS.

85. CABINET DOORS ARE INCLUDED ON THE MAIN LIST LISTS 3-5A. WHEN LIST AG OR AR IS ORDERED, NO DOORS WILL BE PROVIDED. THIS IS TYPICALLY USED FOR INTERNATIONAL ORDERS WHERE THE DOORS ARE PURCHASED OVERSEAS.

86. LIST AT PROVIDES DOORS WITH BADGES THAT HAVE "CESS" DESIGNATION AND LABELS THAT DO NOT SPECIFY "CESS".

87. WITH DRAWING ISSUE 25, THE J863340-1 WAS REMOVED FROM DA STATUS. LIMITED QUANTITIES OF THE J863340-1 WILL BE AVAILABLE PRIMARILY FOR "CESS" APPLICATION FOR "CESS" APPLICATIONS. THE J86334E-1 IS PREFERRED.

88. ENCOVERS LISTED IN TABLE X MAY BE USED WHEN THE PCFD WILL BE LOCATED BY ITSELF OR ADJACENT TO CABINETS THAT ARE NOT "CESS" STYLE. THESE ENCOVERS ARE DIFFERENT FROM STANDARD ENCOVERS BECAUSE THEY ARE SLIM AND THEY DO NOT HAVE ANY PROVISIONS FOR AC.

LINE	DESCRIPTION	RATING	LIST	CIRCUITS AND PHASES EQUIPPED			
				CIRCUIT	PHASE	WIRING	APPARATUS
40	REQUIRED IN ADDITION TO LIST 3 OR 4 TO OMT DOORS (SEE NOTE 82)	DA	AG				
41	REQUIRED IN ADDITION TO LIST 3 TO OMT DOORS (SEE NOTE 83)	DA	AR				
42	REQUIRED IN ADDITION TO LIST 3 OR 4 FOR "CESS" APPLICATIONS (SEE NOTES 83 & 29)	LA	AS				
43	REQUIRED IN ADDITION TO LIST 5 FOR "CESS" APPLICATIONS (SEE NOTES 84 AND 29)	DA	AT				
44	REQUIRED IN ADDITION TO EACH LIST (LA) OR LIST (AR) FUSE PANEL. ONLY WHEN ORDERED WITH-K FOR FIELD INSTALLATION. TO PROVIDE CAUTION LABEL THAT DOES NOT REFER TO "CESS".	LA	AU				

LIST	J863340-1 LIST	ORDER NOW AS
1	BAJ	ED83024-30 GR 2.3
2	C	ED83024-30 GR 3
3	AK	ED83024-30 GR 4
4	AL	ED83024-30 GR 5
5	AM	ED83024-30 GR 2

LINE	COMCODE	NOTE	DESCRIPTION
1	6078401	88	ENCOVER KIT LEFT SIDE FOR LIST 3 CABINETS
2	6078403	88	ENCOVER KIT RIGHT SIDE FOR LIST 3 CABINETS

S/L ITEM	COMCODE	FORMER		ISSUE REMOVED
		LISTS	QTY PER	
77	847265741	5	1	40
81	847311750	5	1	41
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-
-	-	-	-	-

THREAD SIZE	DECIMAL EQUIV	TORQUE (IN-LBS)	
		SETTING	CHECKING
2	.086	3	2
4	.112	5	3
6	.138	10	6
8	.164	20	12
10	.190	25	15
12	.216	35	21
1/4	.250	65	39
5/16	.312	135	81
3/8	.375	240	144
7/16	.438	385	231
1/2	.500	585	351
5/8	.625	1164	698

CONT'D ON SH A2

29. FOR "CESS" APPLICATIONS, CAUTION LABEL 845623057 SHOULD BE REMOVED FROM EACH FUSE PANEL AND REPLACED WITH LABEL 847309234.

30. WHEN LIST AU IS ORDERED WITH LIST 3A, OR LIST AK, THE CAUTION LABEL ON THE FRONT OF THE FUSE PANEL SHOULD BE REPLACED WITH THE CAUTION LABEL PROVIDED BY AU.

31. THE EXISTING STOCKLIST HAS BEEN REPLACED BY A PDT GENERATED STOCKLIST. PARTS FOR DAD LISTS OR GROUPS ARE NOT INCLUDED IN NEW STOCKLISTS.

32. TWO SIZES OF MOUNTING SCREWS ARE SUPPLIED WITH LIST 3A. FOR LIST 3 (89078777) SCREW SHOULD BE USED FOR LIST 3 (89078777) SCREW SHOULD BE USED UNLESS SCREWS SHOULD BE DISCARDED.

33. CABLE CLAMP (89125000) C. NOT REQUIRED WHEN LIST AM IS ORDERED WITH 1-ST 5 FRAME. LIST 5 FRAMES ALREADY HAVE CABLE CLAMPS.

ADDED LISTS AG, AR, AS

ADDED NOTES 29, 32, 33A, 33B

ADDED S/L ITEMS 270, 275, 278, 279

280, 282, 284, 293, 295 & 297-301

CHANGED S/L ITEMS 123, 229, 254

MOVED OUT S/L ITEM 271

CHANGED FIGURES ACCORDINGLY

CHANGED TABLES 5 & 7

ADDED SH C3

INCORPORATED ISSUE 31.1

PDI 93ESD0451

PDI 93ESD0465

CL B

KAC - KOS M40 7-21-93 32

ON SH A1 IN TABLE A. AT LIST 3, DELETED "DA" ON SHOT LINE OUT LINES 122, 279, 282. ADDED LINES 244, 281, LINE 173. ADDED LIST 5. AT LINES 293 AND 295 IN "SYM" COLUMN, ADDED "S" ON SHEET A2. ADDED NOTE 85. IN TABLE A, AT LINES 40 & 41, ADDED REFERENCE TO NOTE 83. NOTE 83 CHG TO "AS" WAS "AN". PDI 93ESD0374

CL HE

KAC - KOS M40 09-10-93 33

ALL LISTS RATED DA ADDED TABLE Z

PDI 94ESD0720

CL B

IAS - KOS RN 08-29-94 34

REMOVED DA RATING FROM TABLE A. LINE 4-LIST 3B. LINE 3-LIST B. LINE 4-LIST C. LINE 5-LIST D. LINE 6-LIST E. LINE 7-LIST F. & LINE 12 - LIST AS.

ADDED LINES 13 & 14 TO TABLE. MOVED TABLE Z. ADDED ENG. NOTES 86 & 87. ADDED MANUFACTURING NOTE 30. ADDED STOCK LIST ITEMS 233, 235, 236, 238, 4, 32. LIMITED OUT ITEMS 231 & 233.

PDI 95ESD0044

CL B

IAS - KOS ONE 01-17-99 35

LINE 123 ADDED LIST 3 LINE 201. BUSINESS WAS 97724452. CHANGED NOTE 29. LABEL COMCODE WAS 845676048. LIST AS WAS 845676048.

PDI 95ESD0095

CL HE

IAS - KOS ONE 03-06-95 36

SH A1-A2: CHGD LIST RATING TO LA. LIST 3.5B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z. AS AT AU. ADDED NOTE 31. SH B3: DATED FIG 3. ADDED FIG 3A. SINCE DATED FIG E, FIG D, CHGD REF DIMENSION FROM 19.13 TO 21.13. CHGD SHEET 01 TO D1A AND ADDED POT STOCK SHEET 01.

PDI 95ESD0673

CL B

AEM - WLF H40 09-25-95 37

SH A1: CHGD NOTES 16 & 70. SH A2: ADDED NOTES 32 & 33. SH B1: CHGD 840047534 TO 901078777. SH B3: ADDED FIG. H TO FIG 3A. SH C1: DA' SECT C-C & E-E. ADDED 5. CHGD DLT TO ITEM 36. CHGD ITEM 5 & LIST 50 QTY FROM 1 TO 2. ITEM 6 & LIST 51 QTY FROM 1 TO 2. ITEM 31 & 845623077 TO 847326733. ITEM 34 FROM QTY 8 TO 58. DELETED LIST 5 ITEMS 24, 25, 26, 28, 31 AND 39. ADDED ITEMS 54-63 AND 88.

PDI 96ESD0093

CL HE

AEM - WLF H40 01-24-96 38

SH A2: ADDED NOTE 88 AND TABLE X. TABLE A: DA' LIST AT.

PDI 96ESD0150

CL HE

AEM - WLF H40 03-20-96 39

SH A1: DLT ITEM 77 ADDED ITEMS 80-82.

PDI 96ESD0217

CL HE

AEM - WLF H40 04-11-96 40

SH A2: TABLE X LINE 1 WAS 8473247 NOW 6078401. LINE 2 WAS 8473209 NOW 6078403. ADDED ITEM 81 TO DLT TABLE. ADDED TABLE Y.

PDI 96ESD0293

CL HE

AEM - WLF H40 05-07-96 41

POWER SYSTEM  
POWER DISTRIBUTING  
FRAME

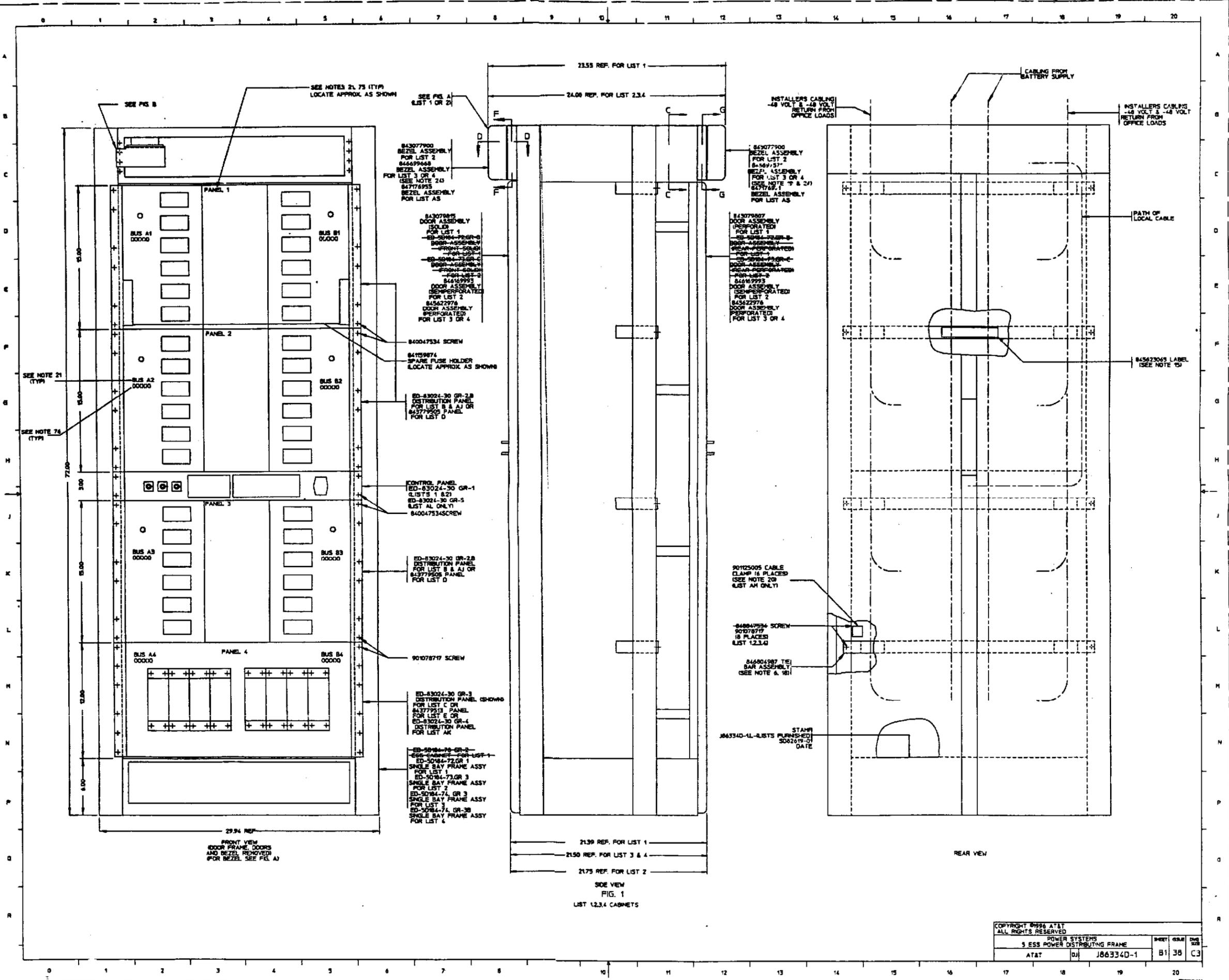
DRAWING SCALE  
EQUIPMENT

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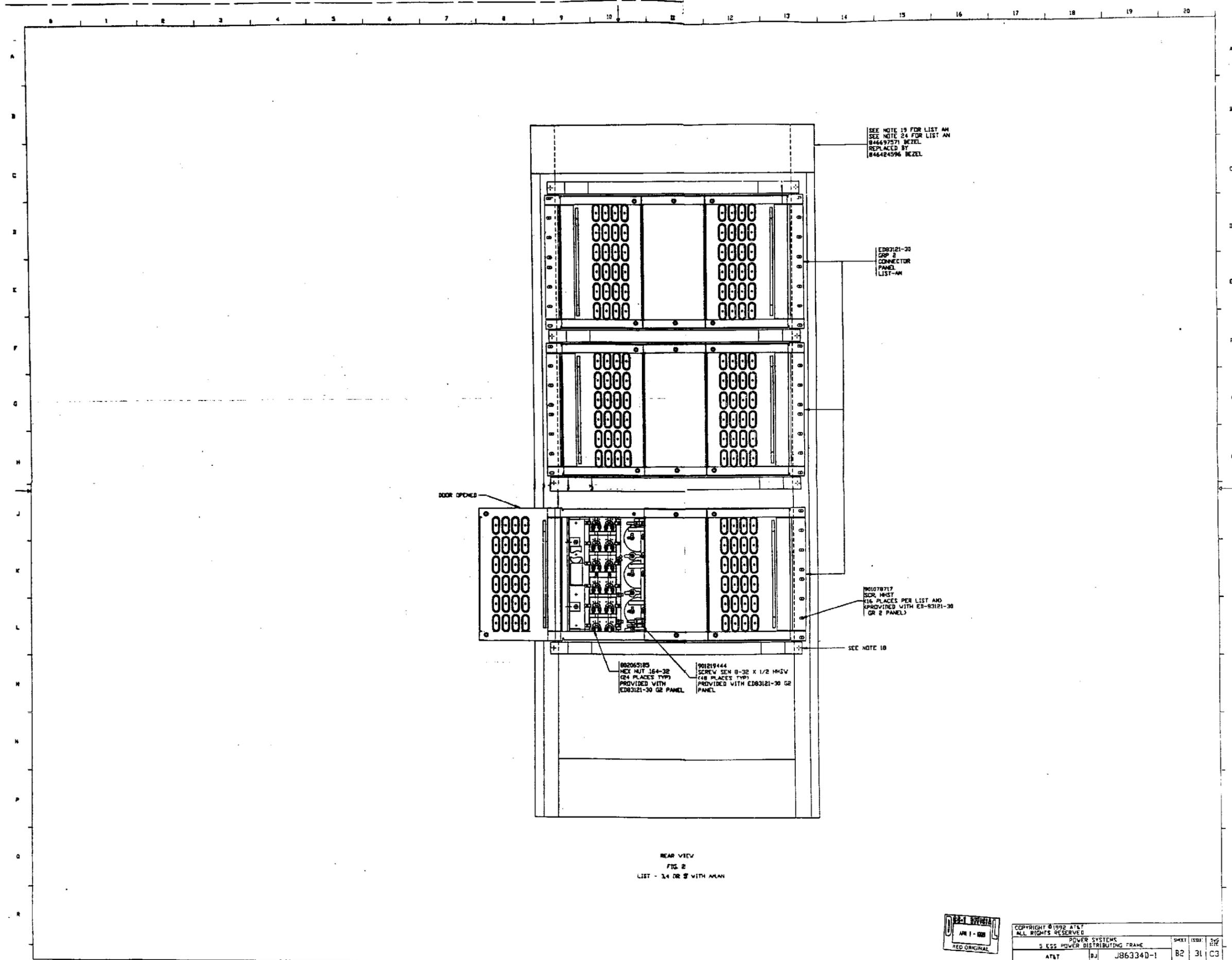
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8663340-1

A2 41 C3

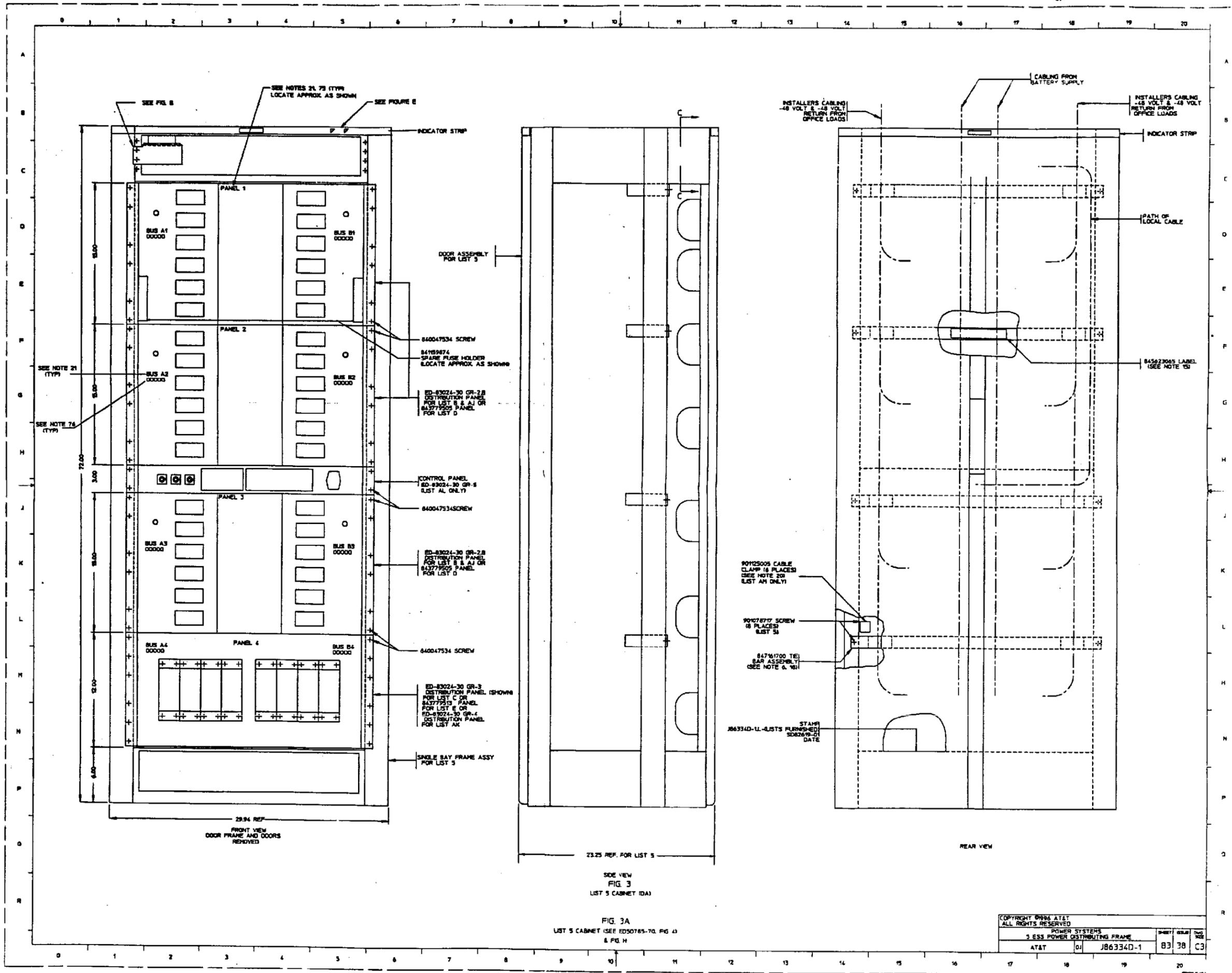


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SHEET	38	OF 38



RED ORIGINAL

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AT&T	DJ	J86334D-1	B2	31	C3	



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POWER SYSTEMS 3 ESS POWER DISTRIBUTING FRAME			
AT&T	01	J86334D-1	83 38 C3

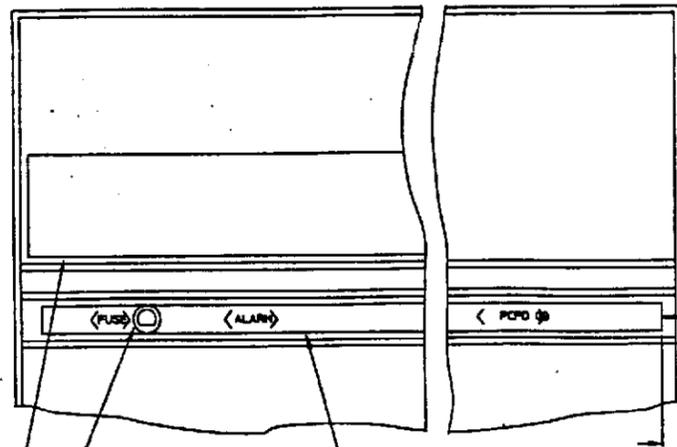


FIG. A  
FRONT VIEW & REAR VIEW  
(SEE NOTE 9)  
LIST 1 OR 2 ONLY

- 845082440 BEZEL LABEL FOR LIST H (SHOWN)
- 845082470 BEZEL LABEL FOR LIST J
- 845082480 BEZEL LABEL FOR LIST K
- 845082490 BEZEL LABEL FOR LIST L
- 845082500 BEZEL LABEL FOR LIST M
- 84531771 BEZEL LABEL FOR LIST N
- 84531772 BEZEL LABEL FOR LIST P
- 84531773 BEZEL LABEL FOR LIST Q
- 84531774 BEZEL LABEL FOR LIST R
- 84531775 BEZEL LABEL FOR LIST S
- 84531776 BEZEL LABEL FOR LIST T
- 84531777 BEZEL LABEL FOR LIST U
- 84531778 BEZEL LABEL FOR LIST V
- 84531779 BEZEL LABEL FOR LIST W
- 84531780 BEZEL LABEL FOR LIST X
- 84531781 BEZEL LABEL FOR LIST Y
- 84531782 BEZEL LABEL FOR LIST AA
- 84531783 BEZEL LABEL FOR LIST AB
- 84531784 BEZEL LABEL FOR LIST AC
- 84531785 BEZEL LABEL FOR LIST AD
- 84531786 BEZEL LABEL FOR LIST AE
- 84531787 BEZEL LABEL FOR LIST AF
- 84531788 BEZEL LABEL FOR LIST AG
- 84531789 BEZEL LABEL FOR LIST AH

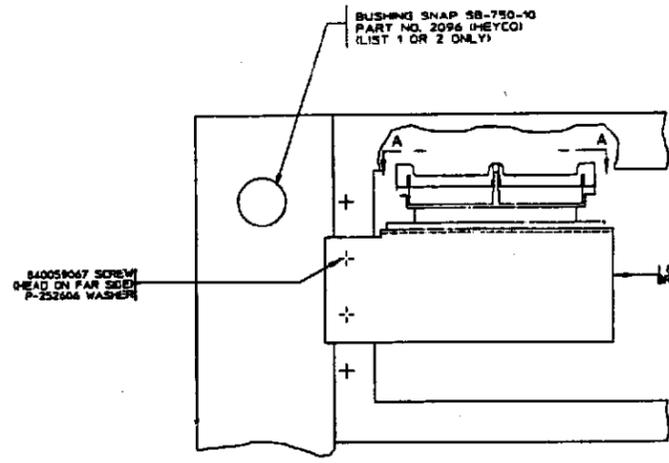
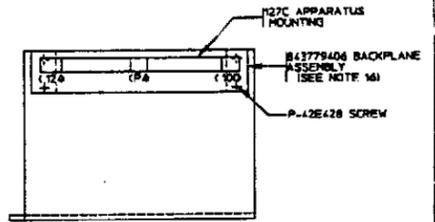
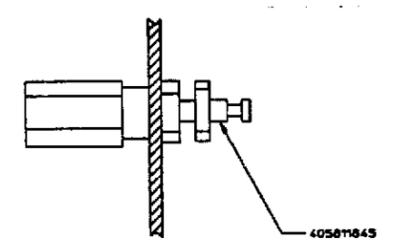


FIG. B  
SCALE: N.T.S.



VIEW A-A



VIEW E-E  
N.T.S.  
(DA)

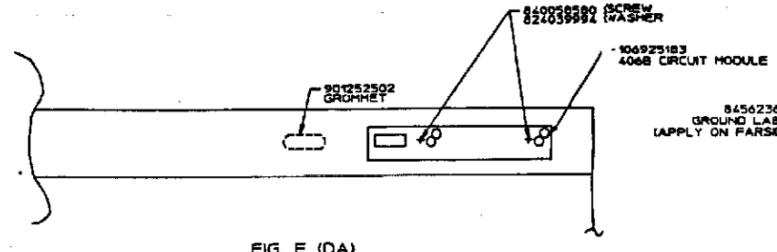
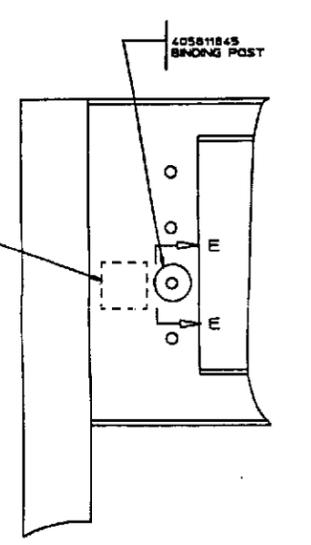
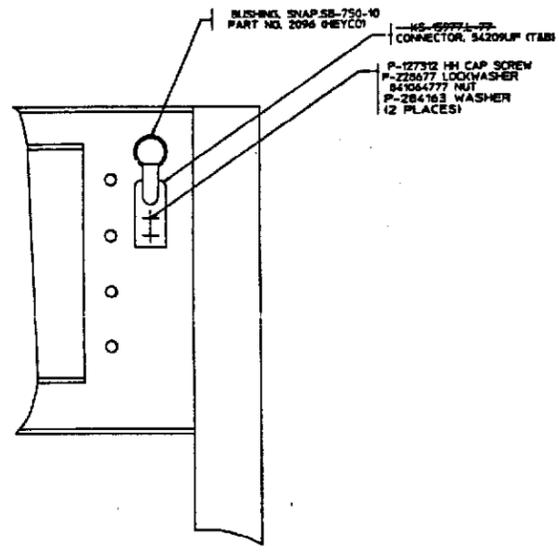


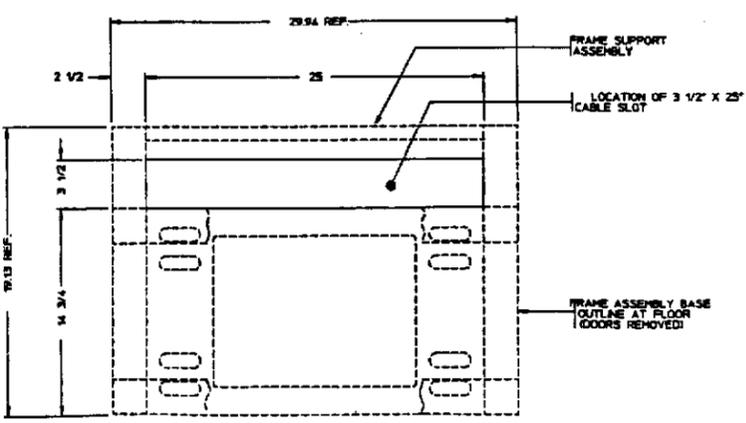
FIG. E (DA)  
LIST 5  
SHOWN WITHOUT INDICATOR  
STRIP 847147188



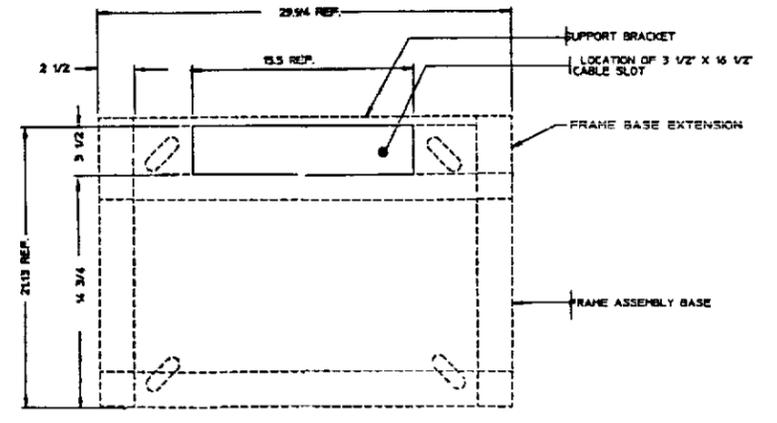
SECT C-C  
N.T.S.  
(DA)



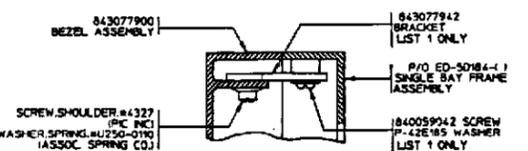
LIST 1 OR 2  
(NOT TO SCALE)  
SECT. D-D



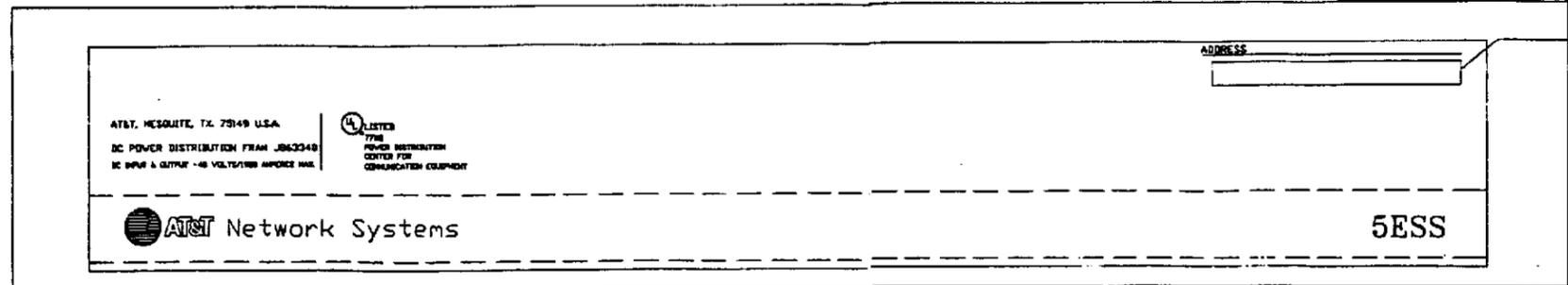
FRONT  
(ALL DIMENSIONS IN INCHES)  
FIG. C  
LIST 3  
FRAME FOOTPRINT SHOWING LOCATION OF  
CABLE SLOT REQUIRED IN PALLETIZED 3ESS  
OFFICE WITH BOTTOM CABLE FEED.



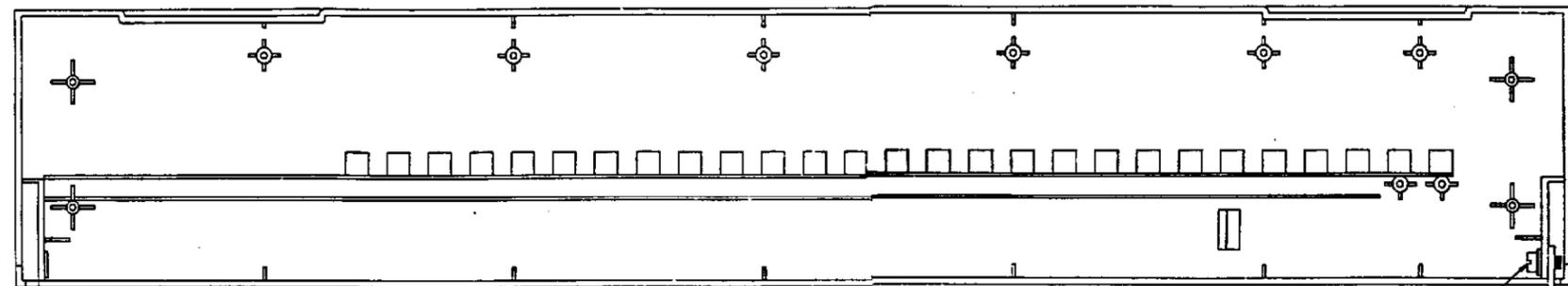
FRONT  
(ALL DIMENSIONS IN INCHES)  
FIG. D  
LIST 4 OR 5  
FRAME FOOTPRINT SHOWING LOCATION OF  
CABLE SLOT FOR PALLETIZED OFFICES



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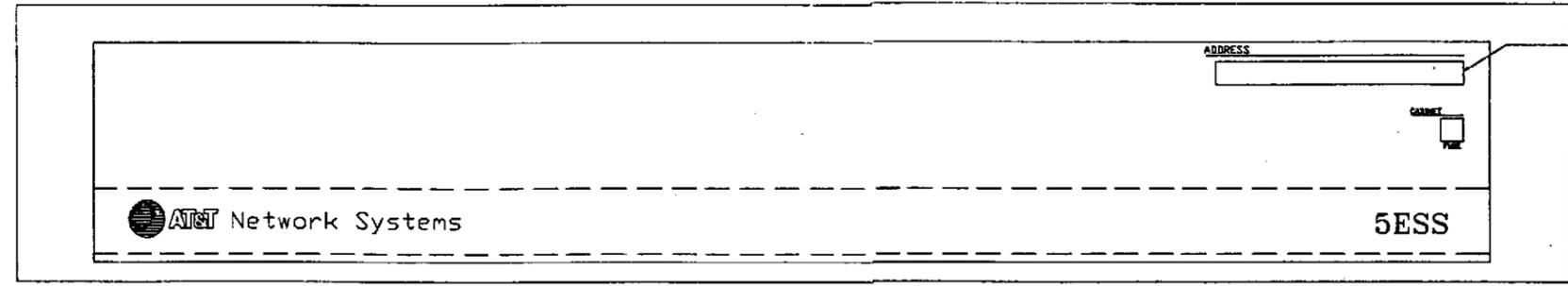


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REAR COVER, FRONT VIEW

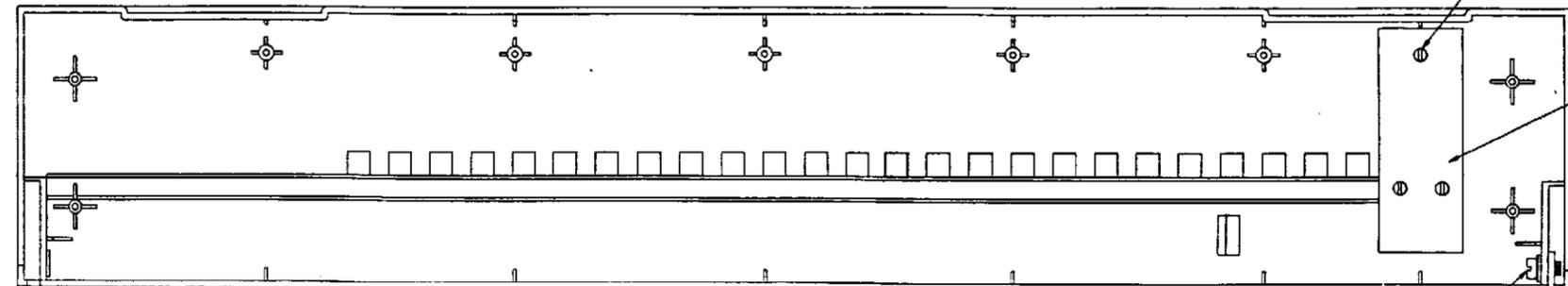


SECT. G-G  
846697571  
REAR COVER, REAR VIEW  
LIST 34

SCREW, SHOULDER #43271  
(PIC INCL)  
WASHER, SPRING WU250-0110  
(ASSOC. SPRING COIL)  
(TYPICAL OPPOSITE END)



846699668  
FRONT COVER, FRONT VIEW



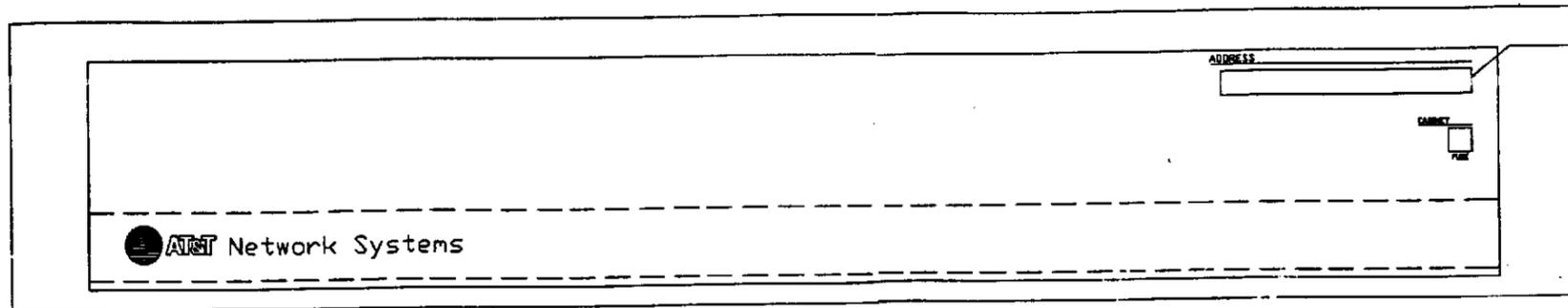
SECT. F-F  
846699668  
FRONT COVER, REAR VIEW  
LIST 34

SCREW, SHOULDER #43271  
(PIC INCL)  
WASHER, SPRING WU250-0110  
(ASSOC. SPRING COIL)  
(TYPICAL OPPOSITE END)

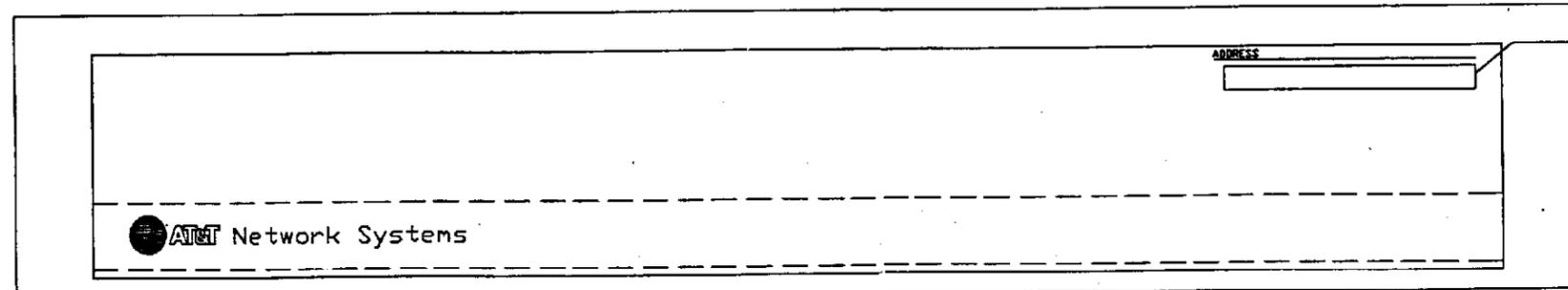
996096624  
SCREW, PNT. 138-26 X 5/16  
(3 PLACES)

106647845  
300A2 CRT MODULE  
106647846  
300A-CIRCUIT MODULE

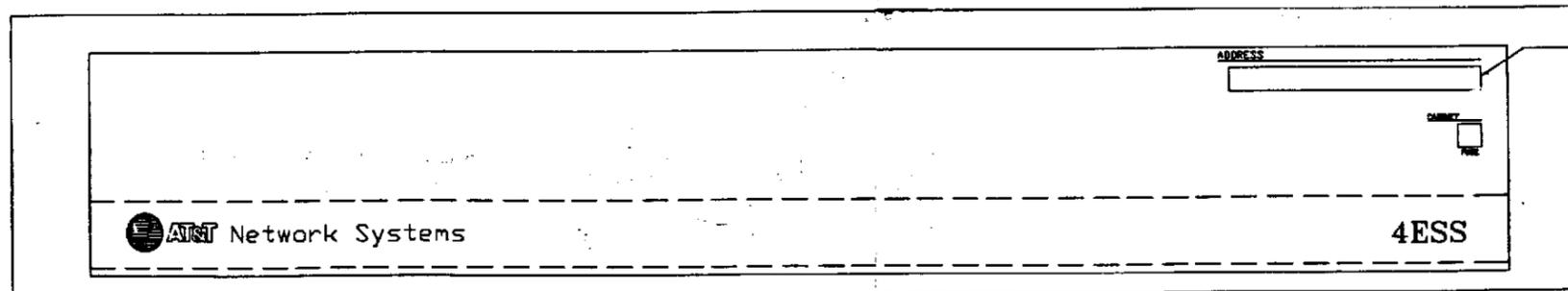
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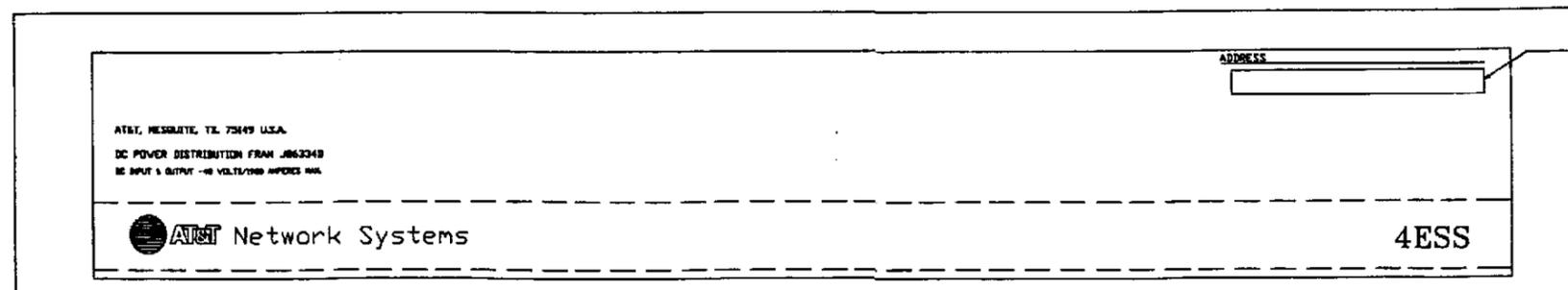
846958106  
FRONT COVER, FRONT VIEW



846958106  
REAR COVER, FRONT VIEW  
FIGURE F  
BEZELS USED WITH LIST AN



847176955  
FRONT COVER, FRONT VIEW



847176971  
REAR COVER, FRONT VIEW  
FIGURE G  
BEZELS USED WITH LIST AS

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DC POWER DISTRIBUTION FROM JB6334B  
DC INPUT & OUTPUT -48 VOLTS/1000 AMPERES MAX.



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3 ESS POWER DISTRIBUTING FRAME		SHEET 32 OF 33	
AT&T	JL	JB6334D-1	C3

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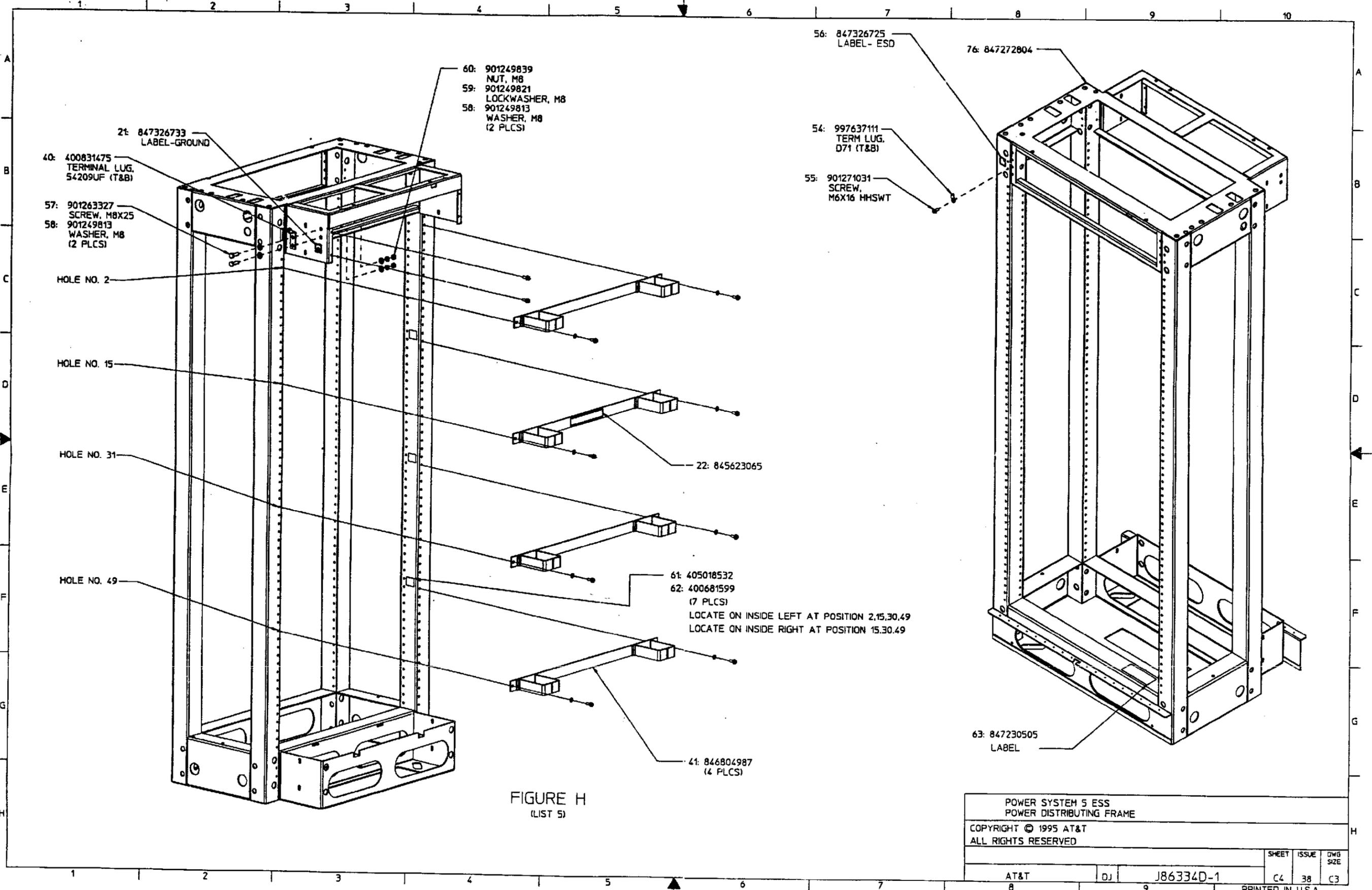


FIGURE H  
 (LIST 5)

POWER SYSTEM 5 ESS POWER DISTRIBUTING FRAME			
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AT&T	DJ	J86334D-1	
	SHEET C4	ISSUE 38	DWG SIZE C3

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STOCK LIST							
ITEM	LIST	QTY PER LIST	IDENTIFICATION NO.		DESCRIPTION	REFERENCE	NOTE
			COMP CODE	DRAWING			
1	3.5	1	103342119		APP NTB 127C		
2	3	1	846697571		BEZEL ASM		19
3	3	1	846696668		BEZEL ASM		
4	3.5	1	843779554		SPRT ASM		
5	5	2	901004432		BUSHING SNAP SB-750-10 BK		
6	3	4	901004432		BUSHING SNAP SB-750-10 BK		
7	5	2	501059485		BUSHING BLACK HEYCO #2056		
8	3.5	20	400681515		CA TIE PLT.1.5M-M		28
9	3	10	400681599		CA TIE PLT.25-M		28
10	AL	1	400681507		CA TIE PLT.45-M NYLON		26
11	3	1	06647845		CXT MOD 300A2		
12	AM	6	901125005		CLAMP CA FBW-5E2BK		33
13	3	2	845622976		DOOR ASSY (PERFORMED)		S
14	AL	OMIT	ED830243061		ED83024-30 51		
15	B	1	ED830243062		ED83024-30 52		
16	C	1	ED830243063		ED83024-30 53		
17	AK	1	ED830243064		ED83024-30 54		
18	AL	1	ED830243065		ED83024-30 55		
19	AJ	1	ED830243068		ED83024-30 58		
20	AM	1	ED831213062		ED83121-30 52		
21	3	1	501459985		FRAME ASM ED50164-74 63D		
22	3.5	1	847326733		LABEL		
23	3.5	1	845623065		LBL		15
24	3.5	1	601223233		L.C.863340-18 CA ASM		
25	3	2	841084777		NUT 375-16 HEX		
26	3	2	901273129		P127312 SCR HPC .375-16X1		
27	3	2	802286773		P228677 LKMR .375 E-D 289A		
28	3.5	2	802526061		P252606 LKMR .164 E-D 289A		
29	3	2	802841635		P284163 WASHER .375 289A		
30	3.5	4	814254280		P42428 SCR PHT 4-40X3/8		
31	D	1	843779505		PANEL		
32	E	1	843779513		PANEL		
33	F	1	843779547		PANEL		
34	3	4	996796870		SCR 4327		12
35	3	98	981078717		SCR HSWT #12-24X5/8 STL		32
36	3.5	2	840059067		SCR PHW #8-32X3/8 289A		
37	DLT	-	840047534		SCR #12-24X5/8 (NAS LISTR-E, AK)		DLT
38	3	3	996096624		SCR PHT #8-20X5/16 51L		
39	3.5	2	841159874		SPARE FUSE HOLDER		
40	J	1	405811845		TERM 137 B (NO.136 POST THD)		
41	3.5	1	400831475		TERM LUG 54209UF		
42	3.5	4	845804987		TIE BAR ASM		18
43	3	4	900559121		WASHER UN250-0110		13
44	AL	1	846611960		WIRE SET		
45	3.5	1	846780831		WIRE SET		
46	AS	OMIT	846696668		BEZEL ASSY (FRONT)		
47	AS	OMIT	846697571		BEZEL ASSY (REAR)		
48	AS	1	847176955		BEZEL ASSY (FRONT)		
49	AS	1	847176971		BEZEL ASSY (REAR)		
50	AT	OMIT	847213014		DOOR ASSY		S
51	AT	1	847336625		DOOR ASSY (4 ESS)		S
52	5	2	987837111		LUG		
53	5	98	901271031		SCREW M6X16 HSWT		32
54	5	2	847326725		ESD LABEL		
55	5	2	901263327		SCREW HEYCO		
56	5	4	901249813		FLAT WASHER		
57	5	2	901249821		LOCK WASHER		
58	5	2	901249839		NUT #8		
59	5	7	405018532		TIE		
60	5	17	400681599		CA TIE		
61	3.5	1	847230505		TD LABEL		
62	DLT	-	105325183		CXT MOD 405B (NAS LIST 5)		DLT
63	DLT	-	601436298		ED50741 70 61C (NAS LIST 5)		DLT
64	DLT	-	847213014		ED5074170 62 DOOR ASSY (NAS L-5)		DLT S
65	DLT	-	901252502		GROMMET 222-514402-00 (W L-5)		DLT
66	DLT	-	824039994		P403999 WSH.146 PHENL (W L-5)		DLT
67	DLT	-	847147188		STRIP INDICATOR FRONT (W L-5)		DLT
68	DLT	-	847035758		STRIP INDICATOR REAR (W L-5)		DLT
69	DLT	-	840058580		SCR PHW #8-32X5/16 (W L-5)		DLT
70	5	1	847272804		ED50785-70 61B FRAME		
71	DLT	1	847265741		ED50785-70 62A DOOR SET		DLT
72	5	1	847306669		ED50785-70 63B FRONT STRIP KIT		S
73	5	5	847306628		ED50785-70 63C REAR STRIP KIT		S
74	5	1	847336625		ED50785-70 62D DOOR ASSY (ESS 4)		S
75	DLT	1	847311750		LABEL SET, 10		DLT
76	5	4	847309234		CAUTION LABEL, GENERIC		29
77	AT	4	847309234		CAUTION LABEL, GENERIC		
78	AS	4	847309234		LABEL, CAUTION		
79	3.5	1	846957686		LABEL		29
80	3	1	876936300		LABEL DESIGNATION		71
81	5	1	847148251		LABEL SET		71
82	3.5	3	847485750		LABEL WARNING ED8311130		77
83	G	1	846273159		KIT #1 HARDWARE		
84	5	1	001252502		GROMMET 222-514402-00		

SHEET	ISSUE	41					
INDEX	SH NO	01					

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