

76- INFORMATION FURNISHED FOR THIS DRAWING IS IN ACCORDANCE WITH THE 1934 POWER PLANT...

77- THE 1534 POWER PLANT MAY ALSO BE UPGRADED BY ORDERING J86909A-1, LIST 1 AND LIST 2 IF REQUIRED...

78- THE 1534 POWER PLANT MAY ALSO BE UPGRADED BY ORDERING J86909A-1, LIST 1 AND LIST 2 IF REQUIRED...

79- WHEN A FUSE PANEL IS REQUIRED THE JOB ORDER SHALL SPECIFY THAT IT BE LOCATED IN POSITION 5 ONLY...

80- THE 1534 POWER PLANT MAY ALSO BE UPGRADED BY ORDERING J86909A-1, LIST 1 AND LIST 2 IF REQUIRED...

81- WHEN SUPPLEMENTARY LISTS ARE ADDED TO THESE PLANS IN THE FIELD THE JOB ENGINEER SHALL REFER TO THESE RECORDS TO DETERMINE IF WIRING IS ALREADY PROVIDED...

82- IT IS RECOMMENDED THAT CIRCUIT BREAKER PANELS PER ED-82831-30, IN ORDER TO FACILITATE CABLING...

83- THE ED-82825-70 CABINET ASSEMBLY PROVIDED WITH THIS POWER PLANT PROVIDES TWO ED-97735-70 UNIFRAMES ANCHORING MATERIAL...

84- FRAME GROUND SHALL BE FURNISHED BY MEANS OF A NO. 6 BARE TINNED COPPER WIRE TERMINATED AT THE 54105 CONNECTOR...

85- WHEN A FUSE PANEL IS REQUIRED THE JOB ORDER SHALL SPECIFY THAT IT BE LOCATED IN POSITION 5 ONLY...

TABLE A (CONTINUED) EQUIPMENT LIST with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

EQUIPMENT ALWAYS REQUIRED IN ADDITION TO LIST B TO PROVIDE GUARDS FOR 4KS-22012 CIRCUIT BREAKERS

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

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Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

TABLE A (CONTINUED) EQUIPMENT LIST with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

EQUIPMENT AND WIRING IN ADDITION TO LIST 1 OR LIST 2 AND ANY ONE OF LISTS G, H, J, K, X, Y, OR Z FOR A CIRCUIT BREAKER PANEL...

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

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Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

TABLE A EQUIPMENT LIST with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

FRONT PANEL DESIGNATION STRIPS AND MOUNTING MATERIAL REQUIRED IN ADDITION TO LIST 1 OR LIST 2 FOR EACH ED-82831-30...

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

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Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

Table with columns for EQUIPMENT, RAT. INCR., LIST NO., CIRCUI TS AND FIGURES EQUIPPED, and APP.

MANUFACTURING NOTES 1- () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION...

2- () INDICATES DESIGNATIONS SHOW FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED...

3- () INDICATES DESIGNATIONS WHICH ARE PROVIDED IN ACCORDANCE WITH OTHER INFORMATION...

4- () PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLY ITEM...

5- () PARTS NOT ASSEMBLED, SHIPPED SEPARATELY...

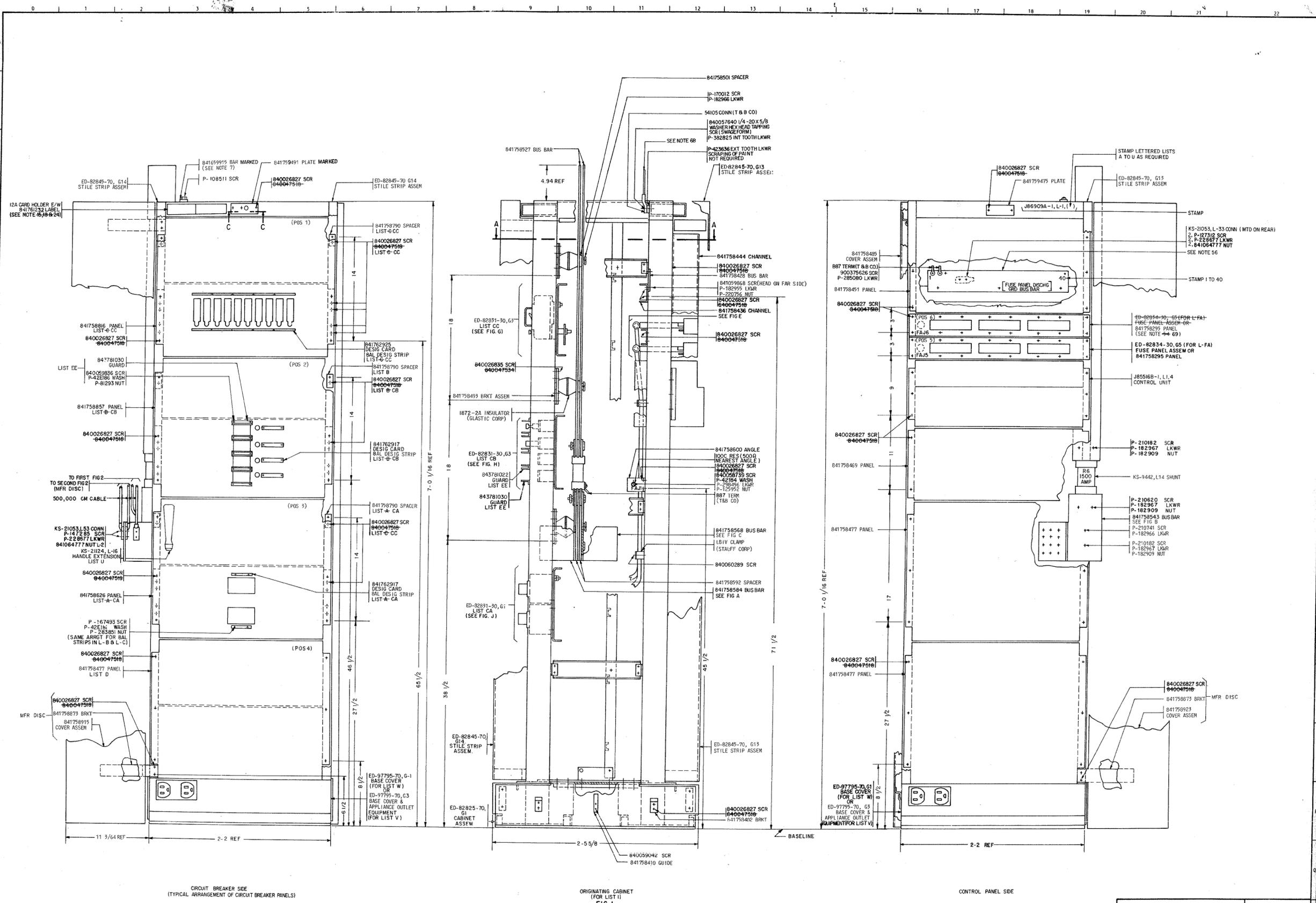
6- WIRING SHALL BE PROVIDED IN ACCORDANCE WITH LISTS SPECIFIED IN THE ORDER...

7- THE 8416949S BAR SHALL BE REMOVED WHEN THE CABINET IS IN PLACE...

8- THE KS-19116 L-B SHUNT LEADS REQUIRED FOR CONNECTION TO THE SHUNT OF THE L-1 CABINET ARE PROVIDED AS AN "ITEM OF INFORMATION"...

9- MATERIAL REQUIRED FOR REGULATOR LEADS BETWEEN CONTROL UNIT IN L-1 CABINET AND BUS BARS AT FIRST BATTERY STRING...

AB	AC	AD	AE	AF	AG	COL
LIST	QTY PER LIST	IDENT.	DESCRIPTION	NOTE	LINE	
1,2	1	ED-82825-70	CABINET ASSEMBLY		401	
		GR-1				
1	1	ED-82845-70	STILE STRIP ASSEMBLY		405	
		GR-13				
1	1	ED-82845-70				
		GR-14				
2	2	ED-82845-70			410	
		GR-14				
V	1	ED-97795-70	COVERS AND APPLIANCE OUTLET EQUIPMENT		415	
		GR-3				
W	1	ED-97795-70	BASE COVER		415	
		GR-1				
CA	1	ED-82831-30	2 CIRCUIT BREAKER PANEL		420	
		GR-1				
CB	1	ED-82831-30				
		GR-2				
CC	1	ED-82831-30			425	
		GR-2				
CC	1	ED-82831-30	2 CIRCUIT BREAKER PANEL EQPT.			
		GR-A				
CH	1	GR-B			430	
CJ	1	GR-C				
CK	1	GR-D				
CL	1	GR-E				
CM	1	GR-F				
CN	1	GR-G			435	
CP	1	GR-H				
CQ	1	GR-I	4 CIRCUIT BREAKER PANEL EQPT.			
CR	1	GR-K				
CS	1	GR-L				
CT	1	GR-M			440	
CU	1	GR-N				
CV	1	GR-P				
CW	1	GR-Q				
CX	1	GR-R				
CY	1	GR-S			445	
CZ	1	GR-T				
DA	1	GR-U				
DB	1	GR-V				
DC	1	GR-W			450	
DD	1	GR-X				
DE	1	GR-Y				
DF	1	GR-Z				
DG	1	GR-AA	10 CIRCUIT BREAKER PANEL EQPT.			
DH	1	GR-AB				
DJ	1	GR-AC			455	
DK	1	GR-AD				
DL	1	GR-AE				
DM	1	GR-AF				
DN	1	GR-AG				
DP	1	GR-AH			460	
DQ	1	GR-AJ				
DR	1	GR-AK				
DS	1	GR-AL				
DT	1	GR-AM				
DU	1	GR-AN			465	
DV	1	GR-AP				
DW	1	GR-AQ				
DX	1	GR-AR				
DY	1	GR-AS				
DZ	1	GR-AT			470	
EA	1	GR-AU				
EB	1	GR-AV				
EC	1	GR-AW				
ED	1	GR-AX			475	
FA	1	ED-82834-30	FUSE PANEL			
		GR-5				
FB	1	ED-82834-30	FUSE PANEL EQPT.		480	
FC	1	GR-P				
FD	1	GR-Q				
FE	1	GR-R			485	
		GR-S				
		GR-T				
		GR-U				
		GR-V				
		GR-W				
		GR-X				
		GR-Y				
		GR-Z				
		GR-AA				
		GR-AB				
		GR-AC				
		GR-AD				
		GR-AE				
		GR-AF				
		GR-AG				
		GR-AH				
		GR-AI				
		GR-AJ				
		GR-AK				
		GR-AL				
		GR-AM				
		GR-AN				
		GR-AO				
		GR-AP				
		GR-AQ				
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		GR-AZ				
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		GR-BF				
		GR-BG				
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		GR-BI				
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		GR-CL				
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		GR-CX				
		GR-CY				
		GR-CZ				
		GR-DA				
		GR-DB				
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		GR-DD				
		GR-DE				
		GR-DF				
		GR-DG				
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		GR-DI				
		GR-DJ				
		GR-DK				
		GR-DL				
		GR-DM				
		GR-DN				
		GR-DO				
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		GR-DS				
		GR-DT				
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		GR-DV				
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		GR-EF				
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		GR-EH				
		GR-EI				
		GR-EJ				
		GR-EK				
		GR-EL				
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		GR-EN				
		GR-EO				
		GR-EP				
		GR-EQ				
		GR-ER				
		GR-ES				
		GR-ET				
		GR-EU				
		GR-EV				
		GR-EW				
		GR-EX				
		GR-EY				
		GR-EZ				
		GR-FA				
		GR-FB				
		GR-FC				
		GR-FD				
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		GR-GI				
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		GR-GL				
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		GR-GN				
		GR-GO				
		GR-GP				
		GR-GQ				
		GR-GR				
		GR-GS				
		GR-GT				
		GR-GU				
		GR-GV				
	</					



CIRCUIT BREAKER SIDE
(TYPICAL ARRANGEMENT OF CIRCUIT BREAKER PANELS)

ORIGINATING CABINET
(FOR LIST II)
FIG 1

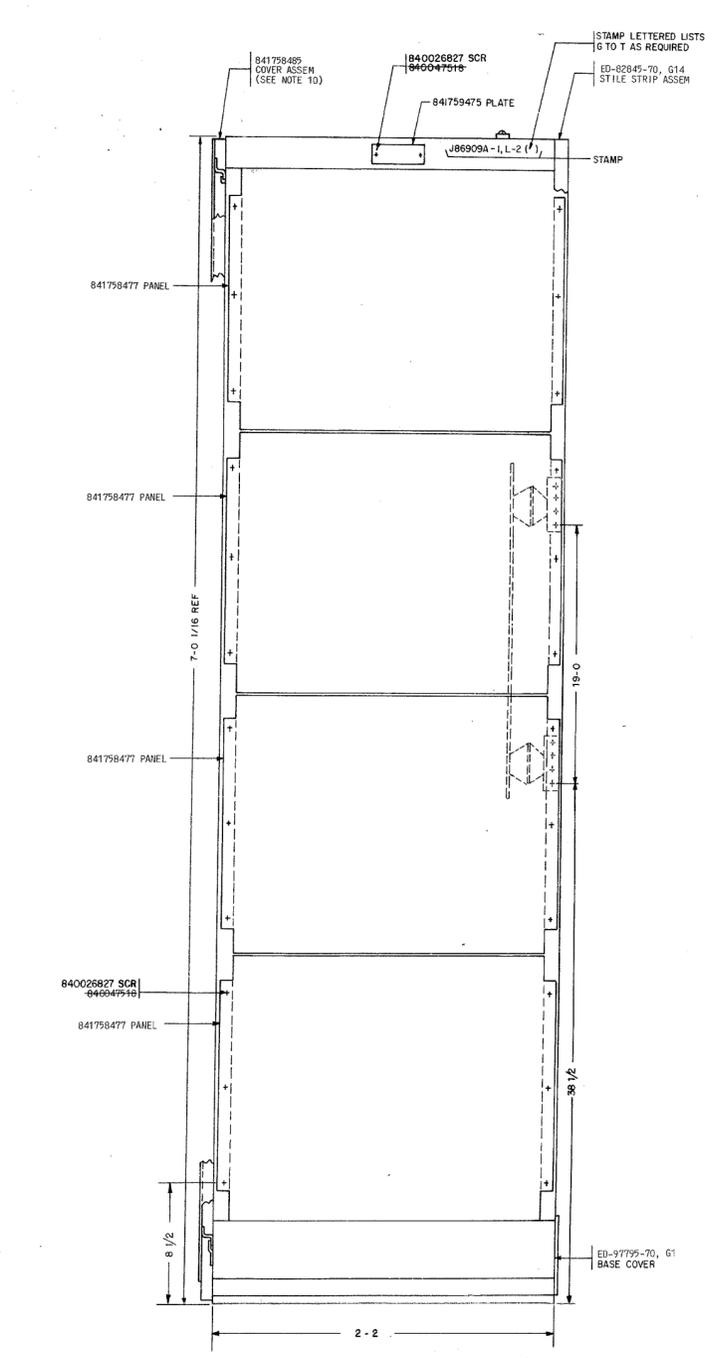
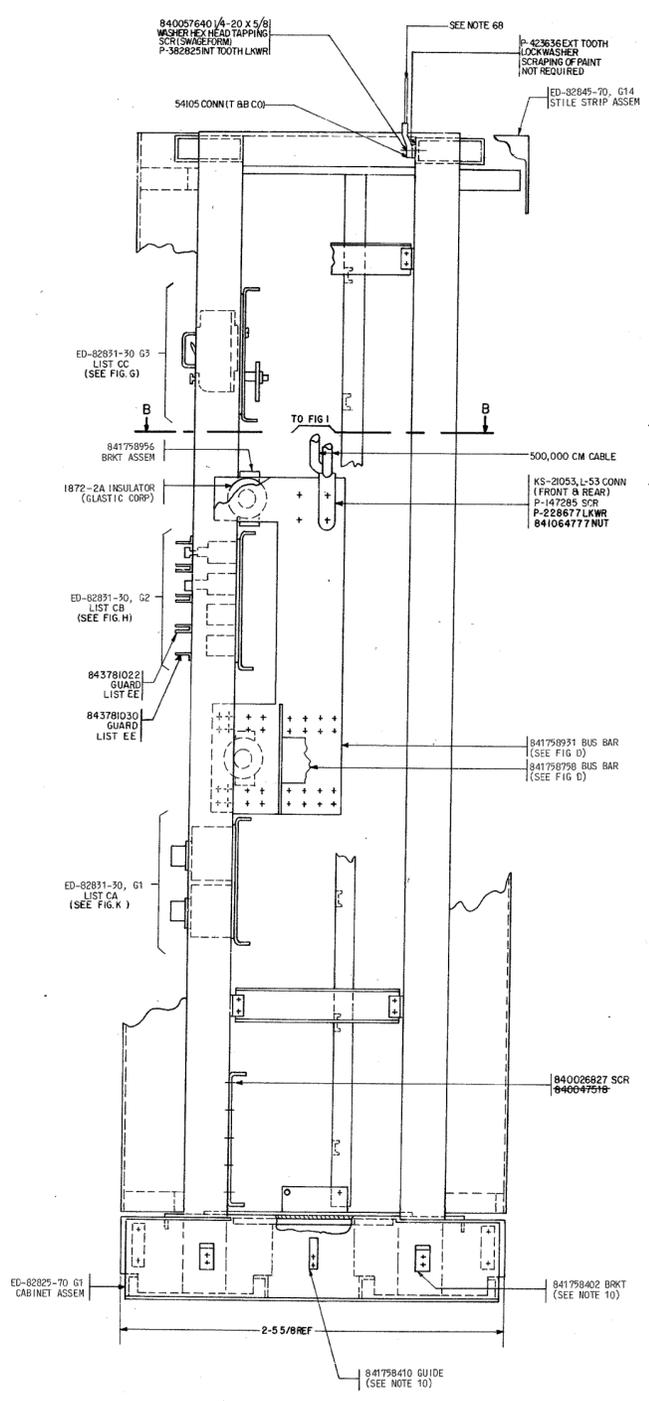
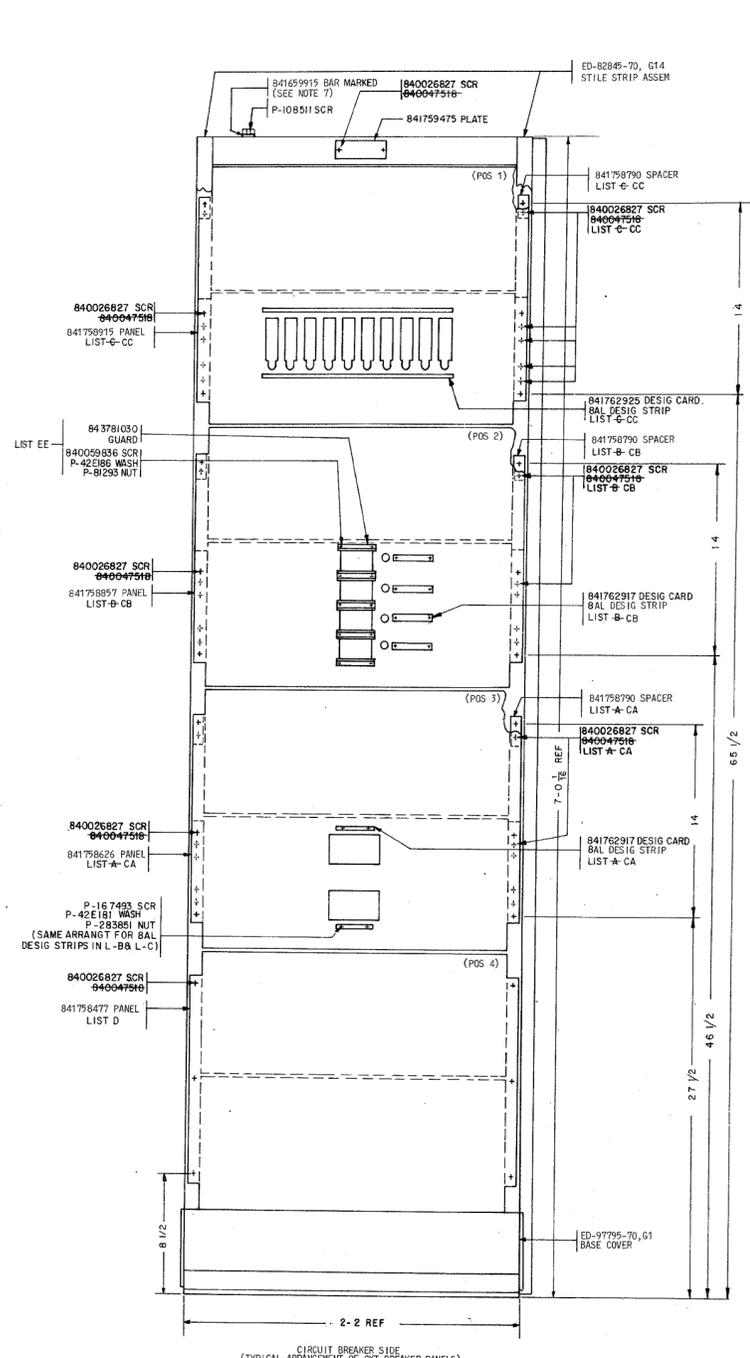
CONTROL PANEL SIDE

J86909A-1

POWER SYSTEMS SPECIFICATION FOR DISTRIBUTION BAY 48 VOLTS DC - 1200 AMPERES NEGATIVE 153A POWER PLANT		DWG SIZE 125	ISSUE 17
WESTERN ELECTRIC		J86909A-1	SHEET 3

K & E DG 1211098754321

9N-97-2168 (3-76)
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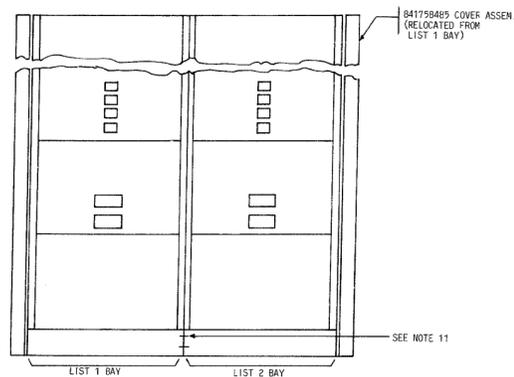
SUPPLEMENTARY CABINET (FOR LIST 2)
FIG 2

J86909A-1

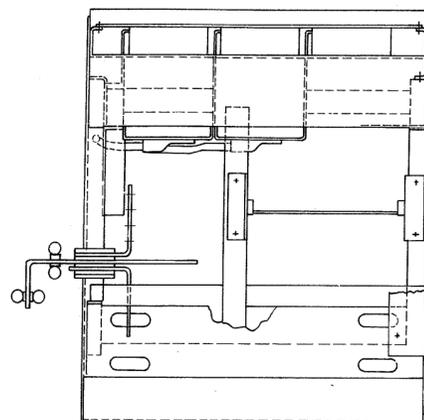
POWER SYSTEMS SPECIFICATION FOR DISTRIBUTION BAY 48 VOLTS DC - 1200 AMPERES NEGATIVE 153A POWER PLANT		DWG SIZE 12S	ISSUE 17
WESTERN ELECTRIC		J86909A-1	SHEET 4

K & E DG 121110887654321

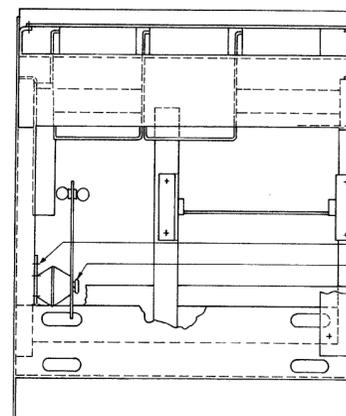
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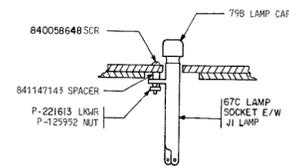
CIRCUIT BREAKER SIDE OF EACH BAY
ADDITION OF SUPPLEMENTARY BAY TO
ORIGINATING BAY (SEE NOTES 10 & 11)
FIG 3



VIEW A-A
(ROTATED 90° C.G.W.)



VIEW B-B
(ROTATED 90° C.G.W.)



(SEE NOTE 14)
SECT C-C

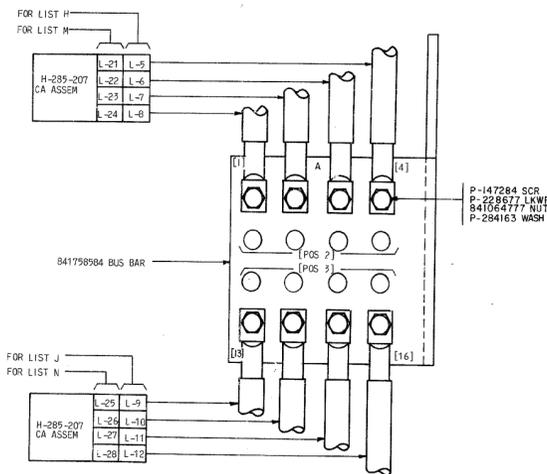


FIG A
BUS BAR ARRANGEMENT

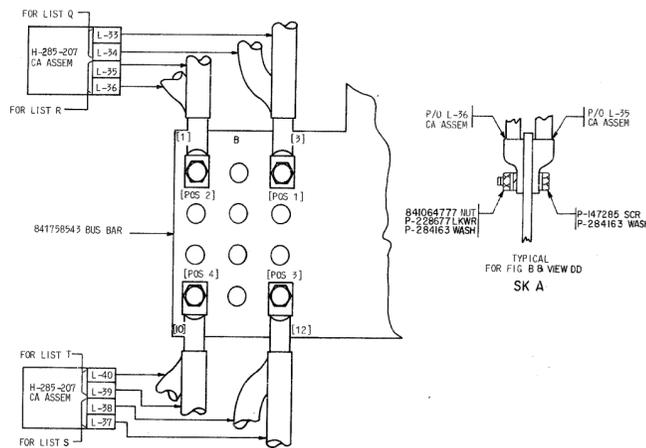
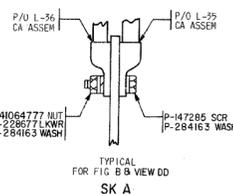


FIG B
(SEE SK A)
BUS BAR ARRANGEMENT



TYPICAL
FOR FIG B B VIEW DD
SK A

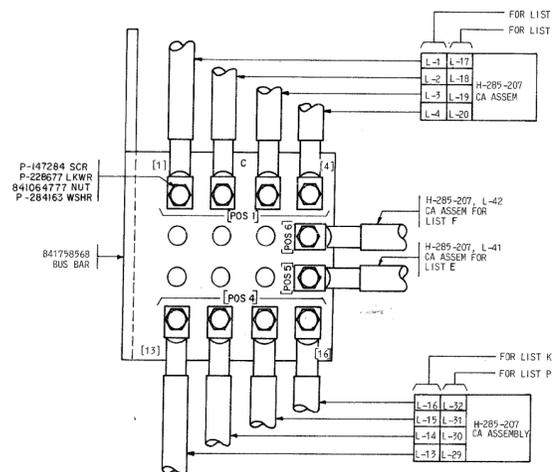


FIG C
BUS BAR ARRANGEMENT

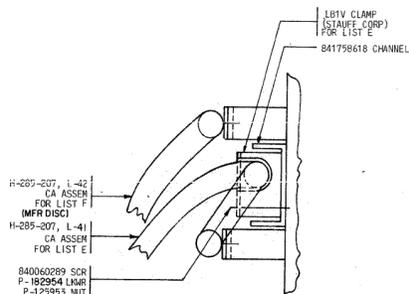
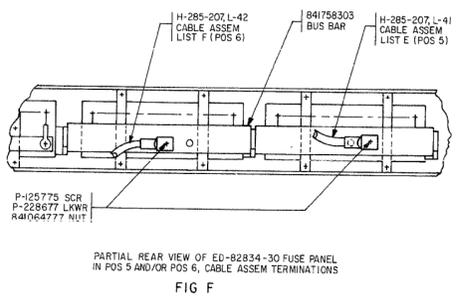
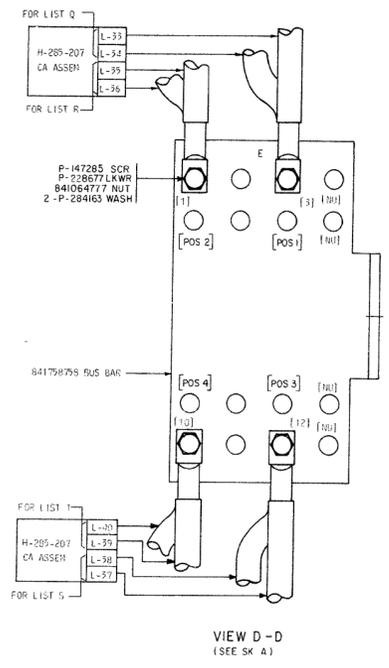
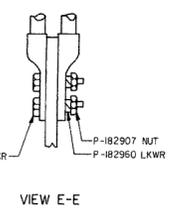
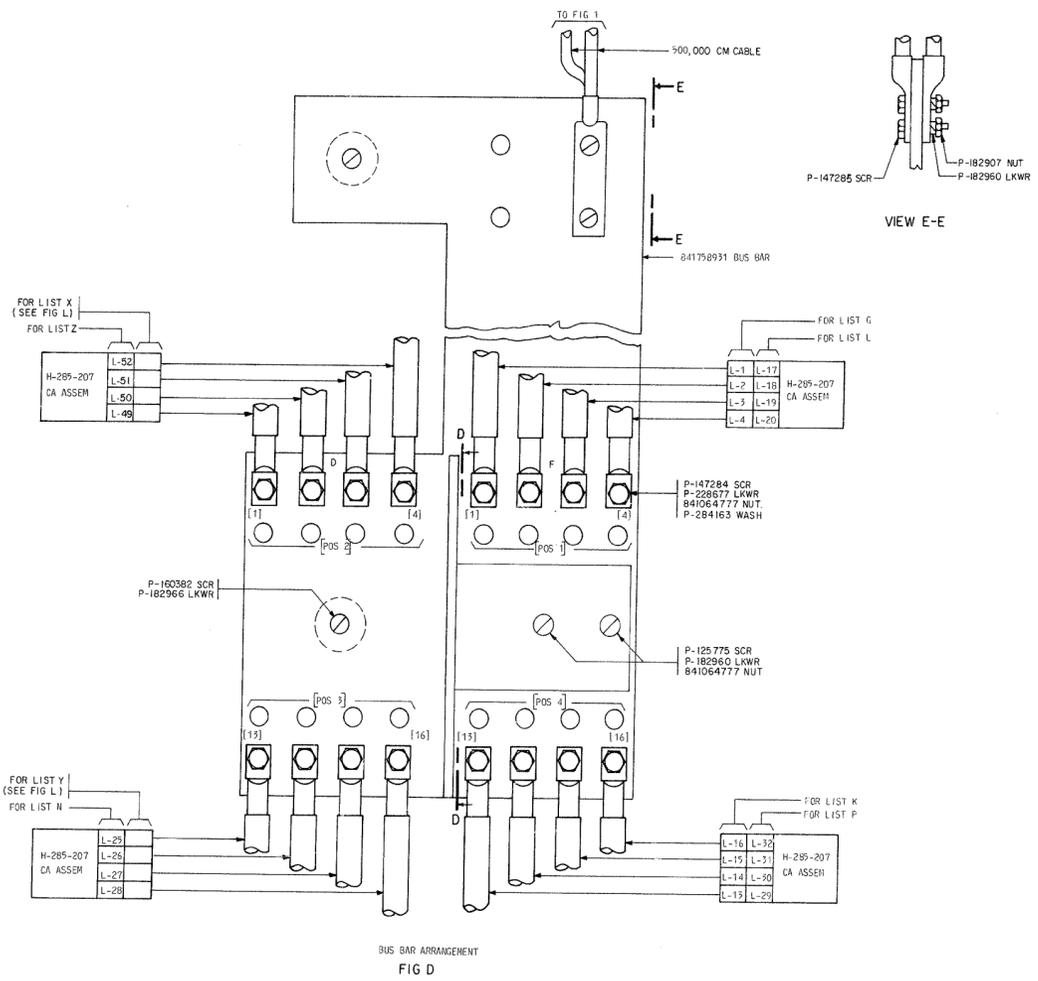


FIG E (SEE FIG F)

J86909A-1.

POWER SYSTEMS SPECIFICATION FOR DISTRIBUTION BAY 48 VOLTS DC-1200 AMPERES NEGATIVE 153A POWER PLANT		DWG SIZE 125	ISSUE 12
WESTERN ELECTRIC		J86909A-1	SHEET 5

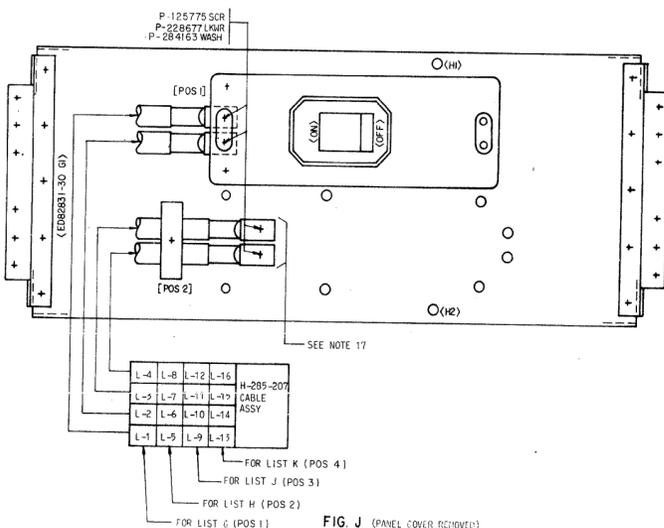
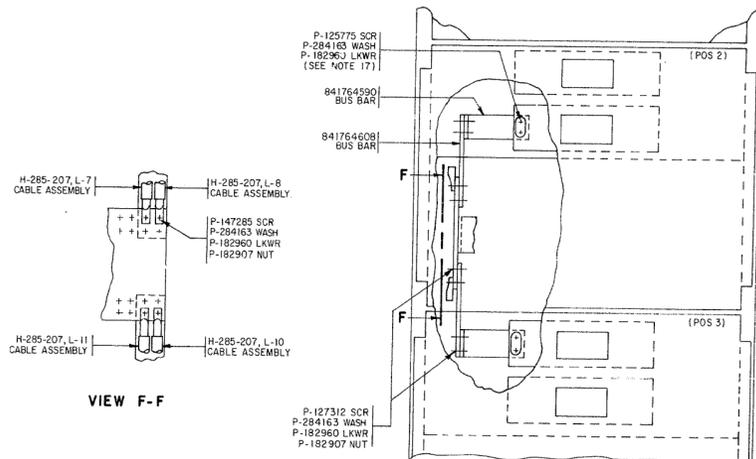
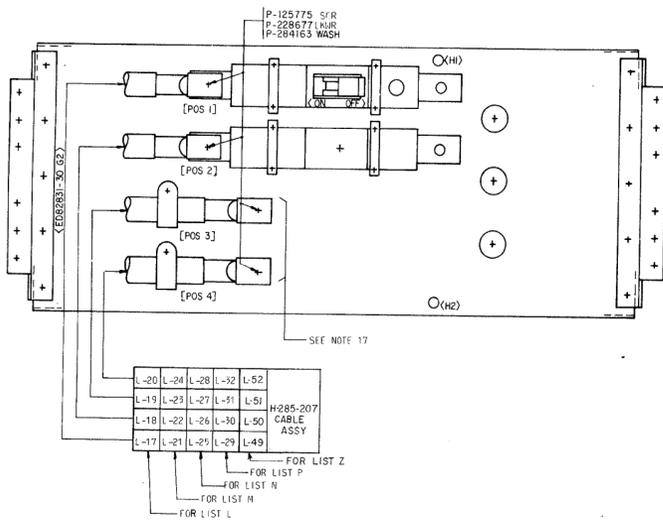
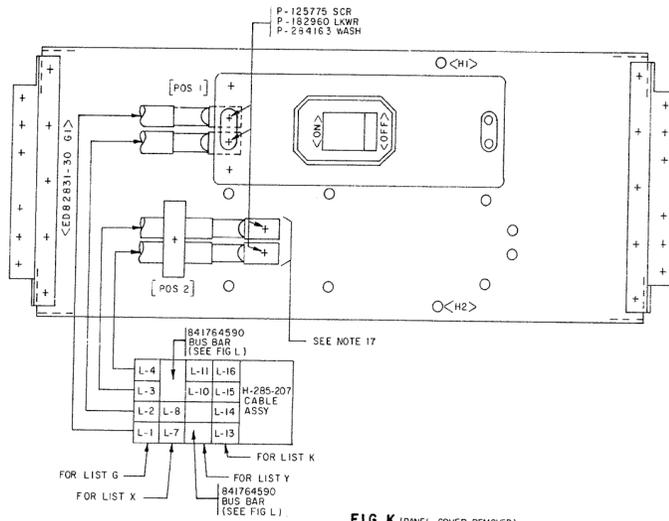
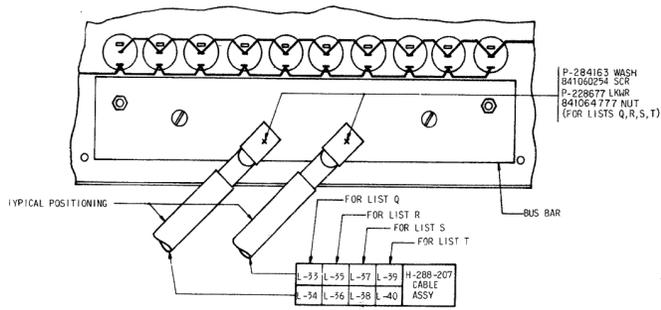
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J86909A-1

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AT&T	J86909A-1	DWG SIZE 125	ISSUE 6

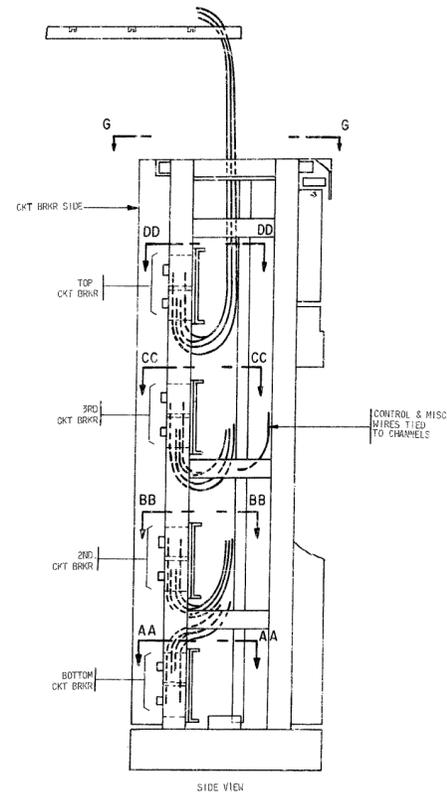
CA-97-2168 (3-76)
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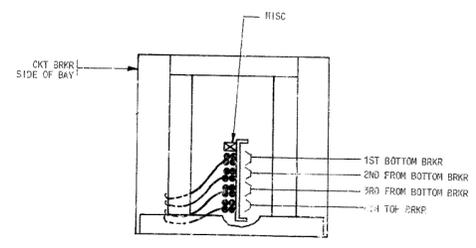
J86909A-1

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AT&T	J86909A-1			75	7

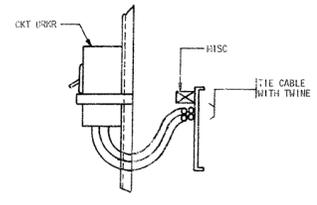
LA-97 110b 1-80



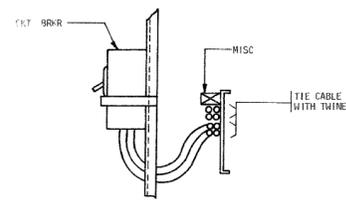
CABLING TO CTX BRKRS RIGHT END VIEW OF DISTRIBUTION BAY
FIG. M



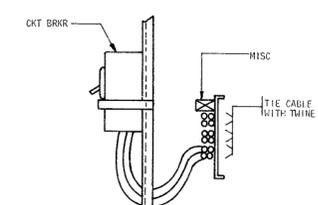
PLAN VIEW OF 24V OR 48V DIST BAY
VIEW 6-6



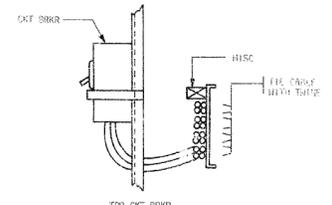
BOTTOM L-T BRKR
SECT. AA-AA



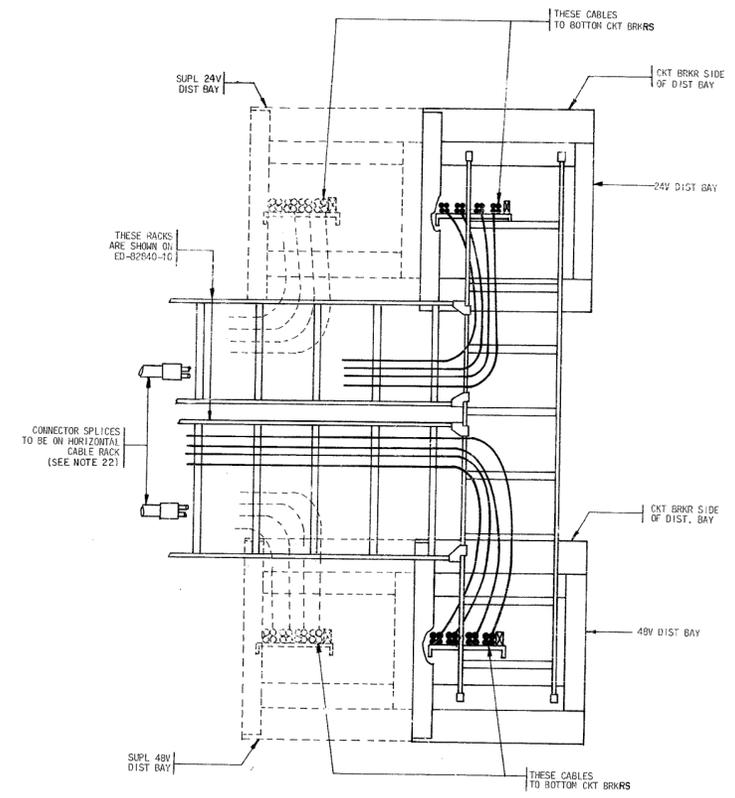
2ND FROM BOTTOM CTX BRKR
SECT. BB-BB



3RD FROM BOTTOM CTX BRKR
SECT. CC-CC



TOP CTX BRKR
SECT. DD-DD



PLAN VIEW SHOWING CABLING OF CTX BRKRS IN LINEUP 24V OR 48V DIST BAYS
FIG. N

J86909A-1

POWER SYSTEMS SPECIFICATION FOR DISTRIBUTION BAY 48 VOLTS DC, 1200 AMPERES NEGATIVE 153A POWER PLANT		DWG SIZE 12x	ISSUE 9
WESTERN ELECTRIC		J86909A-1	SHEET 8

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