

ENGINEERING NOTES: (CONTINUATION)

- 53. BAYS ARE NUMBERED STARTING WITH NUMBER ONE, EACH BAY (LIST 1) HAS 78 INCHES OF VERTICAL MOUNTING SPACE DIVIDED INTO 78 MOUNTING POSITIONS OF ONE INCH, NUMBERED 1 TO 78 BOTTOM UP.
- 54. THE JOB SPECIFICATION SHALL SPECIFY THE BAY NUMBER AND POSITION NUMBERS TO BE OCCUPIED BY EACH BAY-MOUNTED PANEL, RECTIFIER, HEAT BAFFLE OR OTHER EQUIPMENT OR APPARATUS.

A NUMBER OF CONSECUTIVE MOUNTING POSITIONS SHALL BE ASSIGNED TO BAY-MOUNTED ITEMS ACCORDING TO EACH TYPE OF PANEL OR EQUIPMENT AS FOLLOWS:

TYPE OF BAY-MOUNTED ITEM	NO. OF POSITIONS REQUIRED
PLANT BUS BAR PANEL (LIST A)	9
PLANT CONTROL UNIT (JB55018)	9
FILTER FUSE CONTROL PANEL (ED-82947-30, G-10,N,P)(L-W)	9
DISTRIBUTION PANEL (ED-83182-30, G-1) (L-M)	9
DISTRIBUTION PANEL (ED-83182-30, G-2) (L-N)	12
DISTRIBUTION PANEL (ED-83182-30, G-3, A) (L-P)	15
DISTRIBUTION PANEL (ED-83182-30, G-4, B) (L-Q)	18
FILTER FUSE PANEL (ED-83182-30, G-10) (L-X)	12
(FOR ED - PANELS ORDERED IN CONJUNCTION WITH A LETTERED LIST, SPECIFY THE POSITIONS ASSIGNED TO THE LETTER LIST ONLY)	
LOW-VOLTAGE D/R PANEL (ED-83186-30, G-2) WITH L-A	6
LOW-VOLTAGE D/R PANEL (ED-83186-30, G-2) WITHOUT L-A	9
CAP. CHARGE PANEL (ED-83186-30, G-3) (L-W)	9
LVD DISTRIBUTION PANEL (ED-83182-30,G-6)	2
HEAT BAFFLE (LIST B)	2
HEAT BAFFLE (LIST AY)	6
HEAT BAFFLE (LIST AZ)	6
25 AMPERE RECTIFIER (JB55022A)	7
50 AMPERE RECTIFIER (JB55022B)	10
125 AMPERE RECTIFIER (JB55022C)	17
100 AMPERE RECTIFIER (JB55022D)	26
200 AMPERE RECTIFIER (JB55022E)	(SEE NOTE 56)
100 AMPERE RECTIFIER (JB7438A OR JB7437A)	31
200 AMPERE RECTIFIER (JB7438A OR JB7437A)	(SEE NOTE 56)
BLANK PANEL (LIST E)	(SEE NOTE 56)
BLANK PANEL (LIST F)	6
BLANK PANEL (LIST G)	6
KS-1654 BATTERIES (SEE NOTE 61)	25 PER SHELF

- 55. UNASSIGNED
- 56. 200 AMPERE RECTIFIERS ARE STAND-ALONE UNITS AND DO NOT MOUNT IN A BAY.
- 57. RELATIVE LOCATION OF TYPES OF BAY-MOUNTED ITEMS, WHEN PROVIDED, SHALL BE IN ACCORDANCE WITH THE FOLLOWING ORDER, TOP DOWN:
 - LOW-VOLTAGE DISCONNECT/RECONNECT PANEL
 - PLANT BUS BAR ASSEMBLIES (LIST A)
 - DISTRIBUTION PANELS
 - RECTIFIERS AND HEAT BAFFLES
 - BATTERY SHELVES

LOW-VOLTAGE DISCONNECT/RECONNECT PANEL (A), IF ORDERED, SHALL BE LOCATED STARTING IN POSITION 76 OF BAY 1.

PLANT BUS BAR PANEL (B), IF ORDERED, SHALL BE LOCATED STARTING IN THE POSITION IMMEDIATELY BELOW THE LOWEST POSITION ASSIGNED TO LOW VOLTAGE DISCONNECT PANEL.

DISTRIBUTION PANELS (C), IF ORDERED, SHALL BE POSITIONED BELOW ANY AND ALL OF THE ABOVE (A AND B).

BAY-MOUNTED RECTIFIERS AND HEAT BAFFLES (D), IF ORDERED, FOLLOW ANY AND ALL OF THE ABOVE (A, B AND C). (SEE NOTE 75, 76)

BAY-MOUNTED BATTERY SHELVES (E), IF ORDERED, FOLLOW ANY AND ALL OF THE ABOVE (A, B, C AND D). (SEE NOTE 61)

WHEN A BAY IS FILLED TO POSITION 1 ACCORDING TO THE ABOVE PLACEMENT HIERARCHY OR WHEN THE NEXT ITEM REQUIRES MORE POSITIONS THAN ARE LEFT, THE NEXT ITEM SHALL BE ASSIGNED A LOCATION STARTING AT POSITION 76 OF THE NEXT BAY, AND SO ON WHEN THAT BAY IS FILLED.

THE FOLLOWING EXCEPTIONS APPLY TO THE ABOVE RULES:

- WHEN LIST A IS SPECIFIED, THE JB55018 CONTROLLER SHALL BE ASSIGNED NINE CONSECUTIVE POSITIONS IN BAY 21 BETWEEN 144 AND 167, INCLUSIVE, SO THAT STARTING CAN INTERCONNECT THE CONTROLLER AND PLANT BUS BARS. WHEN LIST A IS NOT SPECIFIED, IT IS RECOMMENDED BUT NOT REQUIRED THAT THE CONTROLLER BE LOCATED WITHIN THE SAME 144 TO 167 RANGE AS THE BATTERY SHELVES. THE CONTROLLER MAY BE LOCATED IN POSITIONS ABOVE, BELOW OR BETWEEN DISTRIBUTION PANELS, RECTIFIERS, ETC.

- ANY NUMBER OF POSITIONS BETWEEN BAY-MOUNTED ITEMS MAY BE LEFT UNASSIGNED OR MAY BE ASSIGNED TO BLANK PANELS (LISTS E, F AND G) FOR EXAMPLE, FIELD INSTALLATION OF ADDITIONAL DISTRIBUTION PANELS AND/OR RECTIFIERS IS ANTICIPATED. IN SOME CASES, BLANK PANELS WILL NOT COMPLETELY FILL SPACE AVAILABLE AND 1 OR 2 POSITIONS WILL REMAIN UNASSIGNED OPEN SPACE.

7. BATTERY SHELVES IN THE FINAL BAY SHALL BE ASSIGNED THE LOWEST POSITIONS (1-25, 26-50) WITH THE REMAINING BLANK SPACE LEFT AT THE TOP OF THE FINAL BAY.

- IT IS RECOMMENDED THAT THE CAPACITOR CHARGE PANEL BE LOCATED ADJACENT TO OR CENTRALLY WITH RESPECT TO ITS ASSOCIATED CIRCUIT BREAKER DISTRIBUTION PANEL (S) AND LIKEWISE FOR THE PFC CONTROL PANEL WITH RESPECT TO ITS ASSOCIATED FILTER FUSE DISTRIBUTION PANELS.

58. BLANK PANELS (LISTS E, F AND/OR G) MAY BE ORDERED AS REAR COVERS FOR POSITIONS OCCUPIED BY PANELS OR EQUIPMENT OTHER THAN RECTIFIERS OR HEAT BAFFLES (LIST B, AY, AZ). BLANK PANELS SO ORDERED SHALL BE ASSIGNED THE SAME POSITION NUMBERS AS EQUIPMENT INTENDED FOR THE SAME LOCATION. WHEN A BLANK PANEL IS SPECIFIED IN POSITIONS NOT OCCUPIED BY OTHER BAY-MOUNTED ITEMS, THAT PANEL WILL BE ASSEMBLED AS A FRONT COVER.

59. UNASSIGNED

60. UNASSIGNED

61. THE JOB SPECIFICATION MAY ORDER BATTERY STANDS AND ASSOCIATED HARDWARE

(A) PER JB5504A (LIST 1-4, 5-9) FOR KS-20472 ROUND CELLS ON PLASTIC STANDS.

(B) PER JB5504B (LIST 1-3, 5-6) FOR KS-15544 RECTANGULAR CELLS ON METAL STANDS.

(C) PER TABLE Y FOR KS-15544 RECTANGULAR CELLS ON MOUNTED BATTERY SHELVES WITH KS-5499, L-1525 CABLE CONNECTORS. (SEE NOTE 71)

62. THE JOB ENGINEER SHALL ORDER TERMINALS FOR RECTIFIERS INSIDE OF BAY LINE FOR STARTING (S) CONNECTING TO BAY BUS BARS AND FOR LOW VOLTAGE LEADS CONNECTING TO PANEL BUSBARS IN ACCORDANCE WITH TABLE R. THE LENGTH OF ALL SUCH LEADS SHALL BE DETERMINED ON A JOB-BY-JOB BASIS FOR TERMINATING LEAD HOODS AT DISTRIBUTION PANELS REFER TO DRAWING ED-83182-30.

(CONTINUED)

LINE	DESCRIPTION	RATING LIST			CIRCUITS AND FEEDER LEADINGS			LINE	DESCRIPTION	RATING LIST			CIRCUITS AND FEEDER LEADINGS				
		DA	AA	QT	CIRCUIT	FID	STRIP			WIRING	LINE	DESCRIPTION	DA	AA	QT	CIRCUIT	FID
34	EQUIPMENT REQUIRED FOR AN ADDITIONAL VELCRO STRIP (SEE NOTE 72)	DA	AA					1	FRAMEWORK FOR DISTRIBUTION OR SUPPLEMENTARY DISTRIBUTION, RECTIFIER AND/OR BATTERY BAY	DA	1						
35	EQUIPMENT REQUIRED IN ADDITION TO LIST A WHEN LIST B IS ORDERED FOR BATTERY MOUNTING POSITIONS	DA	AB														
36	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AD		T-82649-30	8	HA										
37	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AE		T-82649-30	10	HA										
38	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AF		T-82649-30	9	HA										
39	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AG		T-82649-30	10	HB										
40	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AH		T-82649-30	10	HB										
41	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AI		T-82649-30	9	HB										
42	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AK		T-82649-30	8	HBE										
43	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AL		T-82649-30	10	HBE										
44	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AM		T-82649-30	9	HBE										
45	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AN		T-82649-30	16	HB										
46	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AP		T-82649-30	15	HB										
47	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AQ		T-82649-30	14	HB										
48	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AR		T-82649-30	16	HBE										
49	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AS		T-82649-30	15	HBE										
50	CABLE ASSEMBLY REQUIRED IN ADDITION TO EACH JB5502A, B OR C RECTIFIER MOUNTED WITHIN 18 POSITIONS OF CONTROLLER IN BAY NO. 1 FOR A	DA	AT		T-82649-30	14	HBE										
51	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH HIGH BY 15 INCH DEEP HEAT BAFFLE (SEE NOTE 76)	DA	AU														
52	EQUIPMENT REQUIRED TO PROVIDE A 6 INCH HIGH BY 15 INCH DEEP HEAT BAFFLE (SEE NOTE 76)	DA	AV														
53	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	AW														
54	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	AX														
55	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	AY														
56	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	AZ														
57	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BA														
58	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BB														
59	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BC														
60	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BD														
61	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BE														
62	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BF														
63	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BG														
64	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BH														
65	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BI														
66	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BJ														
67	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BK														
68	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BL														
69	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BM														
70	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BN														
71	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BO														
72	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BP														
73	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BQ														
74	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BR														
75	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BS														
76	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BT														
77	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BU														
78	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BV														
79	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BW														
80	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BX														
81	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BY														
82	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	BZ														
83	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CA														
84	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CB														
85	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CC														
86	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CD														
87	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CE														
88	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CF														
89	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CG														
90	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CH														
91	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CI														
92	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CJ														
93	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CK														
94	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CL														
95	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CM														
96	EQUIPMENT REQUIRED TO PROVIDE A 15 INCH DEEP, FRONT AND REAR, BASE COVERS (SEE NOTE 74 & 76)	DA	CN														

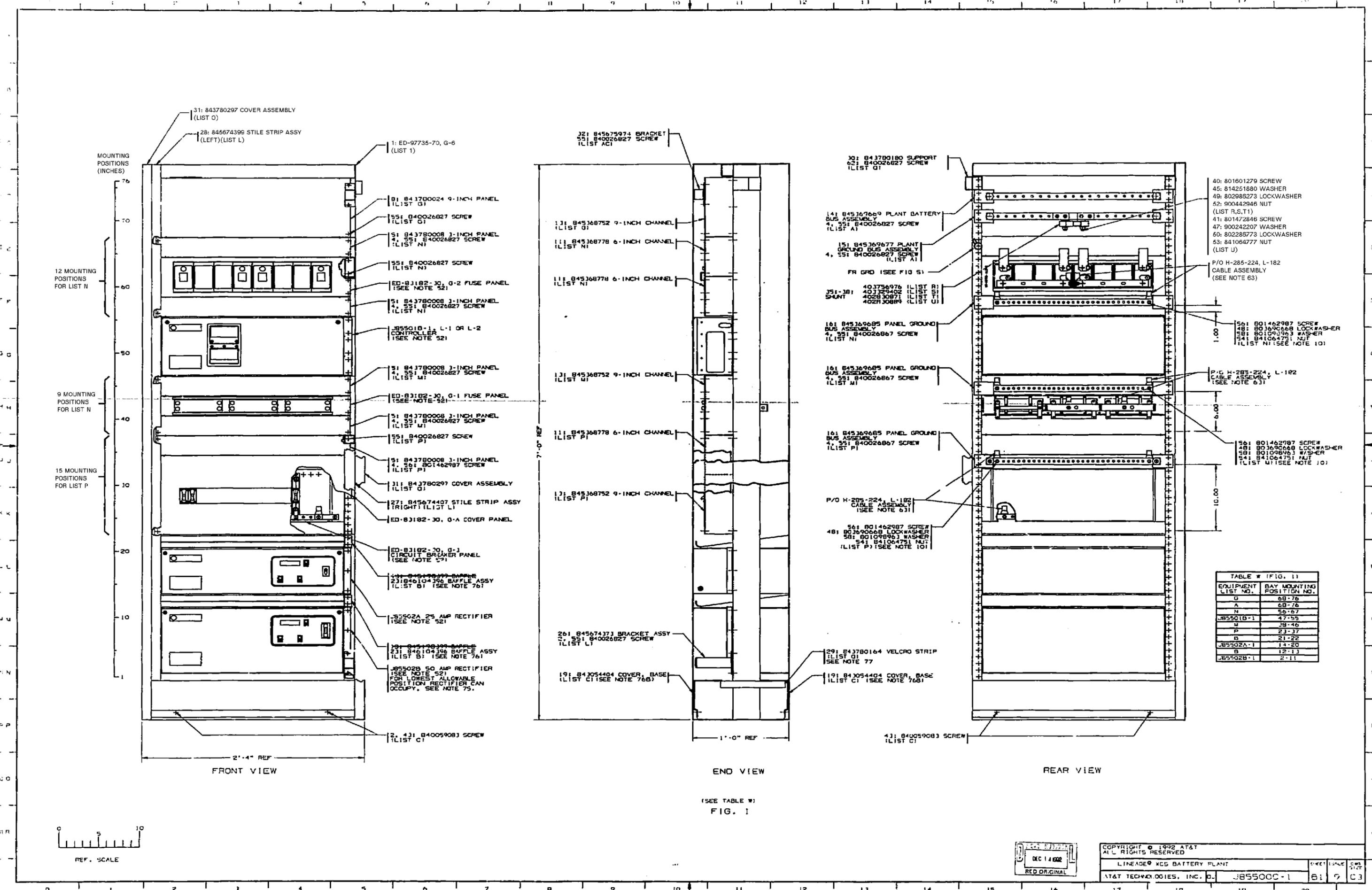


TABLE # (FIG. 1)

EQUIPMENT LIST NO.	BAY MOUNTING POSITION NO.
G	68-76
A	68-76
N	58-67
JB5501B-1	47-55
M	39-46
P	23-37
B	21-22
JB5502A-1	14-20
B	12-13
JB5502B-1	2-11



(SEE TABLE #)
 FIG. 1

DEC 14 1992
 RED ORIGINAL

011 845614392 STILE STRIP ASSY
(LIST L)

111 84180297 COVER ASSY
(LIST D)

11 ED-97735-70, 0-6
(LIST I)

101 843780160 SUPPORT
(LIST G)

MOUNTING
POSITIONS
(INCHES)

76

70

60

50

40

30

20

10

71'-0" REF

JB550JA-1
1100 AMP RECTIFIER

191 845108392 BAFFLE
231 845104396 BAFFLE ASSEMBLY
(LIST B)
FOR COMBUSTIBLE FLOOR
APPLICATIONS (SEE NOTE 76B)

81 843780024 9'-INCH PANEL
4, 551 840026827 SCREW
(LIST G)

271 845674407 STILE STRIP ASSY
(RIGHT) (LIST L)

111 843780297 COVER ASSY
(LIST D)

201 841763154 BATTERY SHELF ASSY
8, 551 840026827 SCREW
(LIST D)

881 403684335 CABLE CONNECTOR
(LIST AW)

861 402436380 CABLE CONNECTOR
(LIST AU)

211 841763162 BATTERY TRAY
(LIST D)

201 841763154 BATTERY SHELF ASSY
8, 551 840026827 SCREW
(LIST D)

261 845674373 BRACKET ASSY
4, 551 840026827 SCREW
(LIST L)

191 843054404 COVER, BASE
(LIST C)

431 840059083 SCREW
(LIST C)

FRONT VIEW

2'-4" REF

251 845675982 BRACKET
551 840026827 SCREW
(LIST L)

131 845368752 9'-INCH CHANNEL
551 840026827 SCREW
(LIST G)

261 845674373 BRACKET ASSY
4, 551 840026827 SCREW
(LIST L)

191 843054404 COVER, BASE
(LIST C)

END VIEW

1'-0" REF

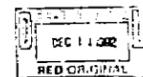
TABLE X (FIG. 2)	
EQUIPMENT LIST NO.	BAY MOUNTING POSITION NO.
JB550JA-1	51-76
B	51-52
G	42-50
D	26-50
C	17-25
O	1-25

(SEE TABLE X1)

FIG. 2



REF. SCALE

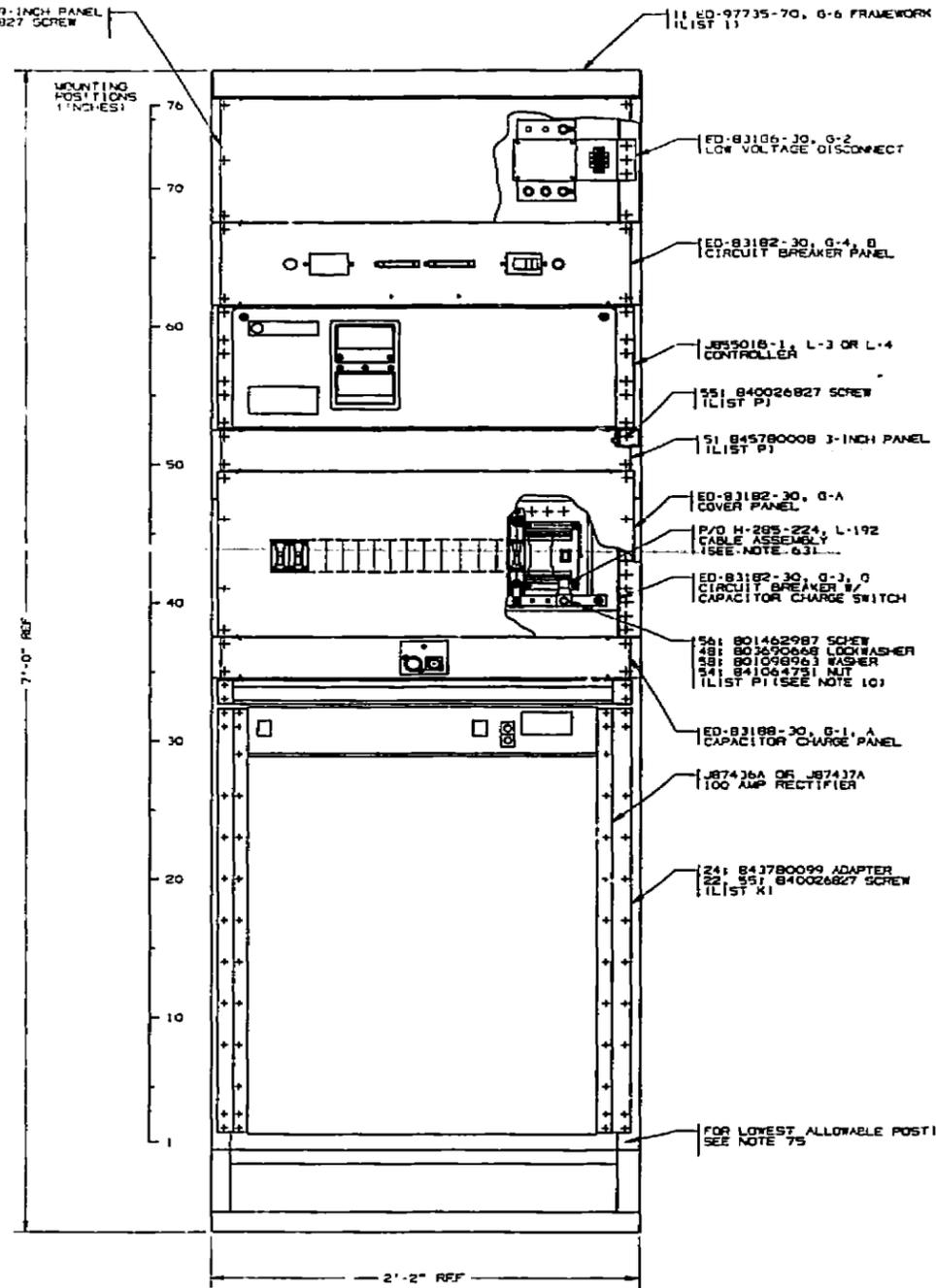


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LINEAGE: XCS BATTERY PLANT

AT&T TECHNOLOGIES, INC. N.J. 07046-0001

81 B4378024 9-INCH PANEL
 61 551 B40026827 SCREW
 (LIST G)



11 ED-97735-70, 0-6 FRAMEWORK
 (LIST I)

ED-83189-30, 0-2
 LOW VOLTAGE DISCONNECT

ED-83182-30, 0-4, B
 CIRCUIT BREAKER PANEL

J855018-1, L-3 OR L-4
 CONTROLLER

551 B40026827 SCREW
 (LIST P)

51 B45780008 3-INCH PANEL
 (LIST P)

ED-83182-30, 0-A
 COVER PANEL

P/O H-285-224, L-192
 CABLE ASSEMBLY
 (SEE NOTE 63)

ED-83182-30, 0-3, 0
 CIRCUIT BREAKER W/
 CAPACITOR CHARGE SWITCH

541 B01462987 SCREW
 481 B02690668 LOCKWASHER
 481 B01098963 WASHER
 541 B41064751 MIT
 (LIST P) (SEE NOTE 10)

ED-83188-30, 0-1, A
 CAPACITOR CHARGE PANEL

J87436A OR J87437A
 100 AMP RECTIFIER

241 B43780099 ADAPTER
 22, 551 B40026827 SCREW
 (LIST X)

131 B45366752 9-INCH CHANNEL
 (LIST G)

111 B45368718 6-INCH CHANNEL
 (LIST V)

111 B45368778 6-INCH CHANNEL
 (LIST P)

131 B45368752 9-INCH CHANNEL
 (LIST P)

101 B45368760 3-INCH CHANNEL
 (LIST W)

18-045100399 Baffle
 231 B46104356 Baffle Assembly
 551 B40026827 SCREW (LIST B)
 (SEE NOTE 76C)

CABLE ASSEMBLY
 741 H-285-224, L175 (LIST AN)
 751 H-285-224, L173 (LIST AP)
 761 H-285-224, L174 (LIST AQ)

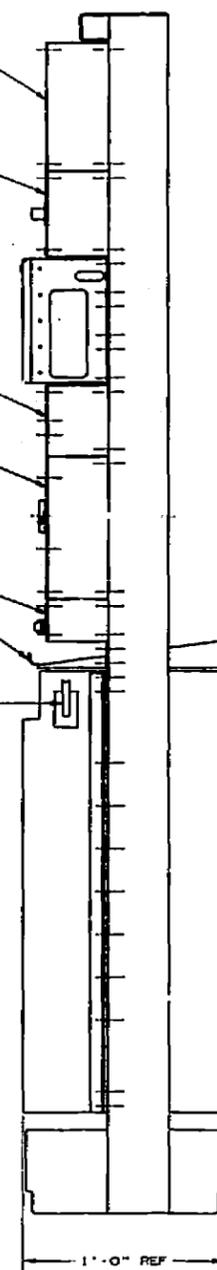
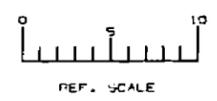


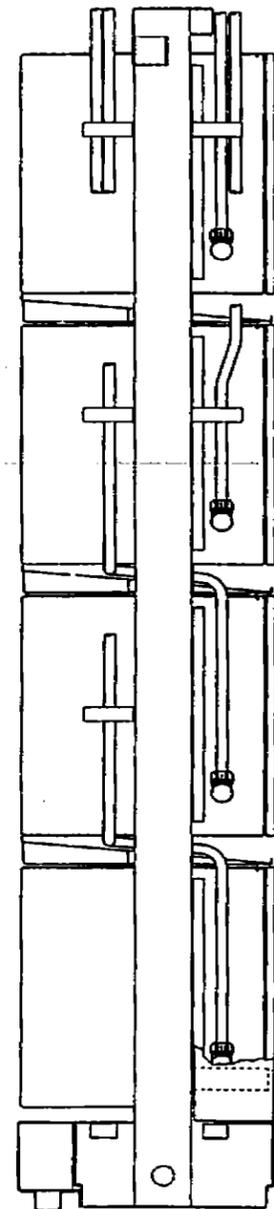
TABLE Y (FIG. 3)

EQUIPMENT LIST NO.	BAY MOUNTING POSITION NO.
ED-83189-30, 0-2	68-76
G	69-76
V	62-67
J855018-1	51-61
P	38-52
W	35-37
B	33-34
J87436A OR J87437A	2-32

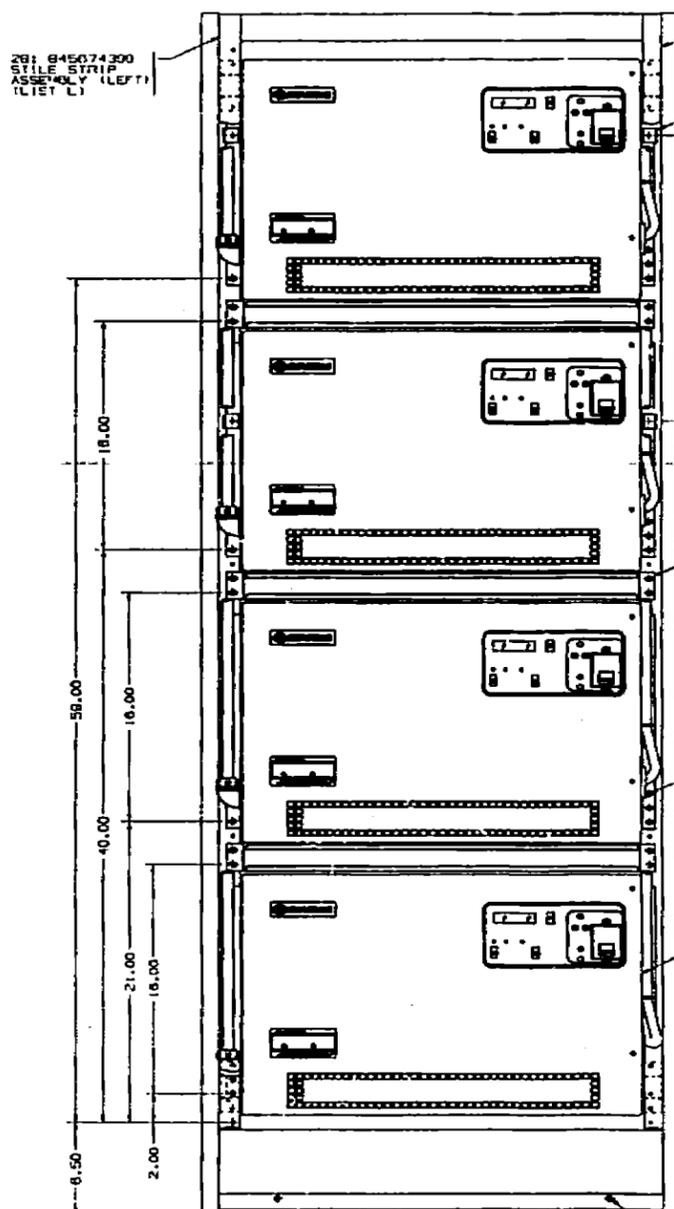
(SEE TABLE Y)
 FIG. 3



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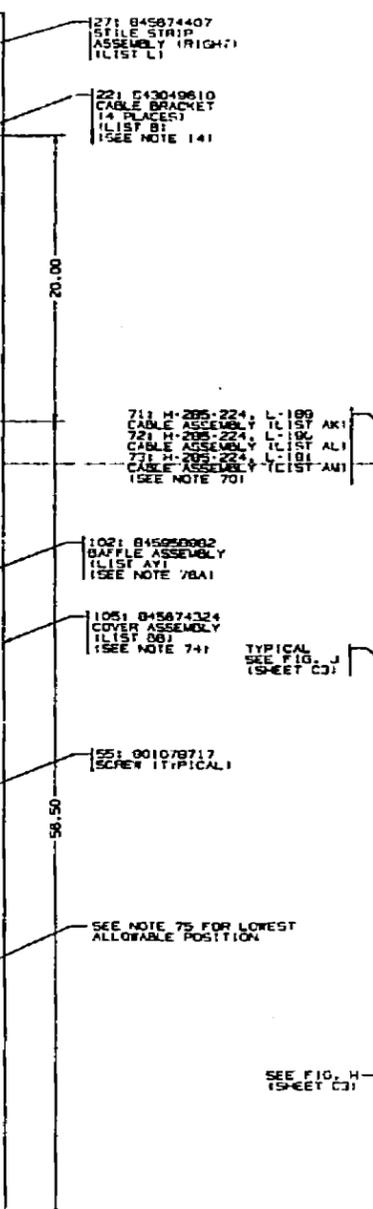


LEFT SIDE VIEW
(STYLE STRIPS AND
END COVERS REMOVED)



11 ED-97735-70 OR 8
SINGLE BAY FRAMEWORK
(LIST 1)

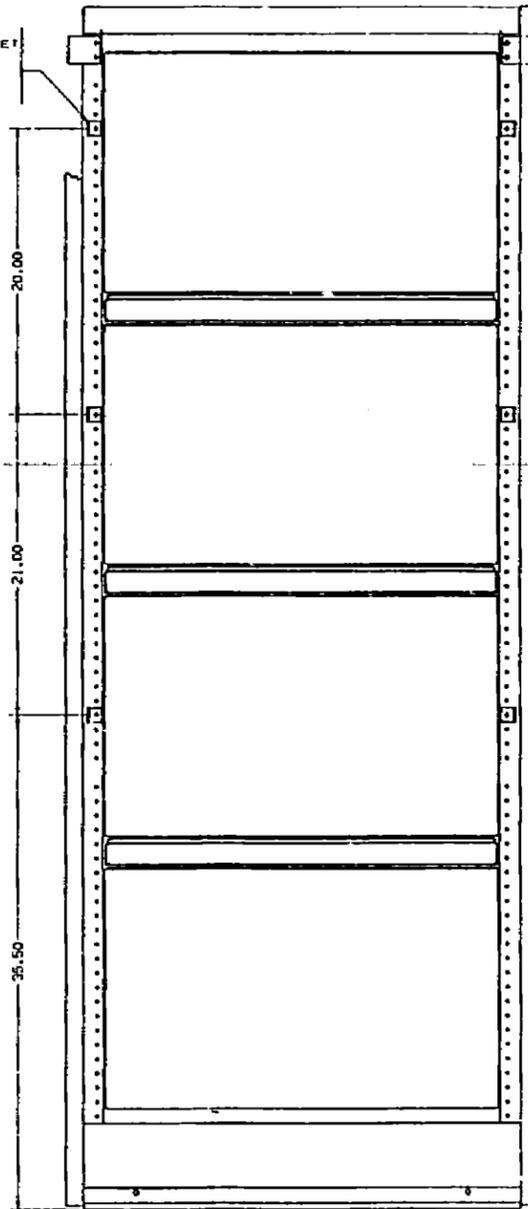
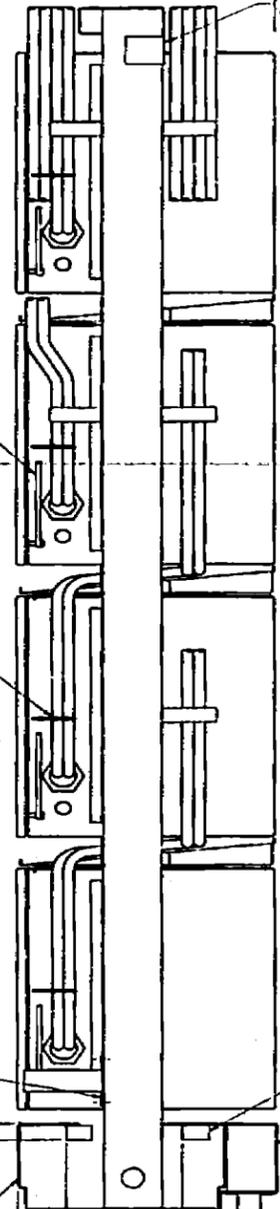
FRONT VIEW



191 B43054404
COVER, BASE
(LIST BA)
(SEE NOTE 76B)

RIGHT SIDE VIEW
(STYLE STRIPS AND
END COVERS REMOVED)

DC OUTPUT



REAR VIEW

271 B45874407
STYLE STRIP
ASSEMBLY (RIGHT)
(LIST L)

221 B43049810
CABLE BRACKET
14 PLACES
(LIST B)
(SEE NOTE 14)

711 H-205-224 L-199
CABLE ASSEMBLY (LIST AK)
721 H-205-224 L-199
CABLE ASSEMBLY (LIST AL)
731 H-205-224 L-199
CABLE ASSEMBLY (LIST AM)
(SEE NOTE 70)

102 B45050002
BAFFLE ASSEMBLY
(LIST A)
(SEE NOTE 78A)

105 B45874324
COVER ASSEMBLY
(LIST B)
(SEE NOTE 74)

551 001078717
SCREW (TYPICAL)

SEE NOTE 75 FOR LOWEST
ALLOWABLE POSITION

431 B40050003
SCREW (LIST BA)
(14 REQD)

1041 B45874313
SUPPORT
(LIST BB)

221 B43049810
CABLE TIE BRACKET
551 001078717
SCREW
(LIST B)
(TYPICAL)
(SEE NOTE 14)

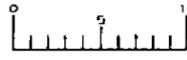
TYPICAL
SEE FIG. J
(SHEET C3)

SEE FIG. H
(SHEET C3)

106 B45874381
STRIP
(LIST B)
(SEE NOTE 77)

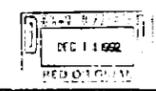
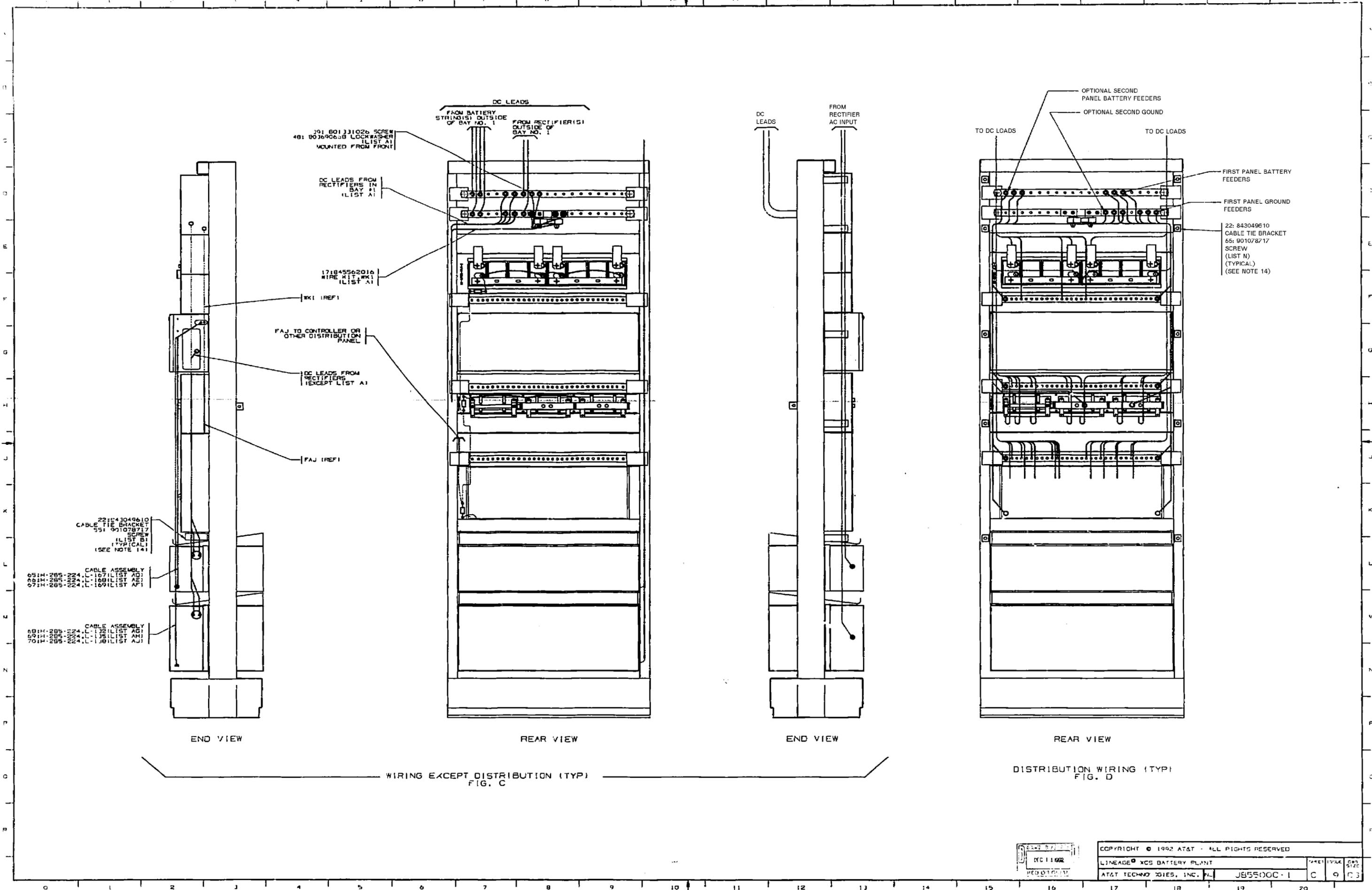
107 B42780651
GUARD RAIL ASSEMBLY
(LIST BA)
(SEE NOTE 76B)

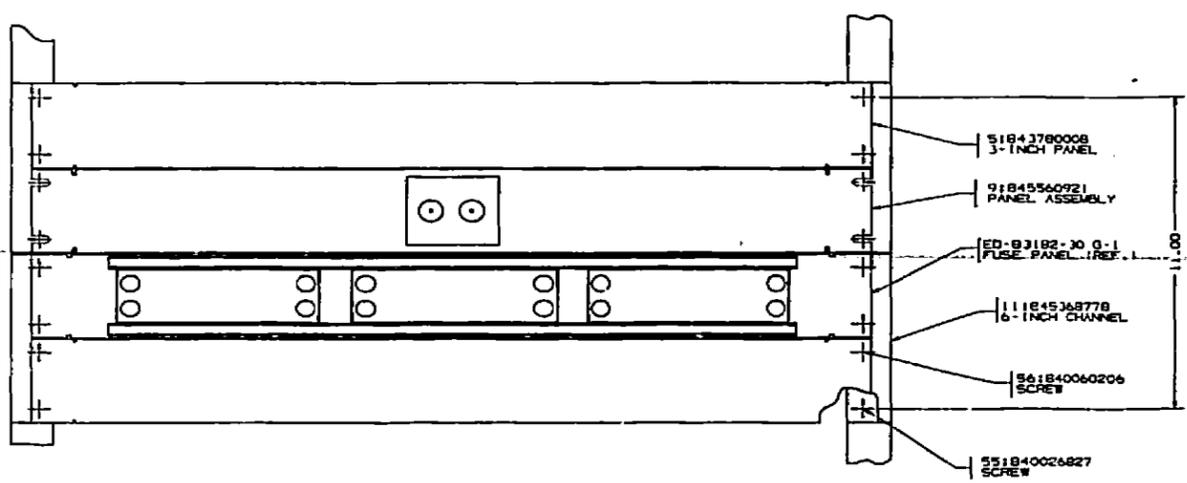
FIG. 4
TYPICAL ARRANGEMENT
1-35502C-1 (1-125A 24V RECTIFIERS SHOWN)



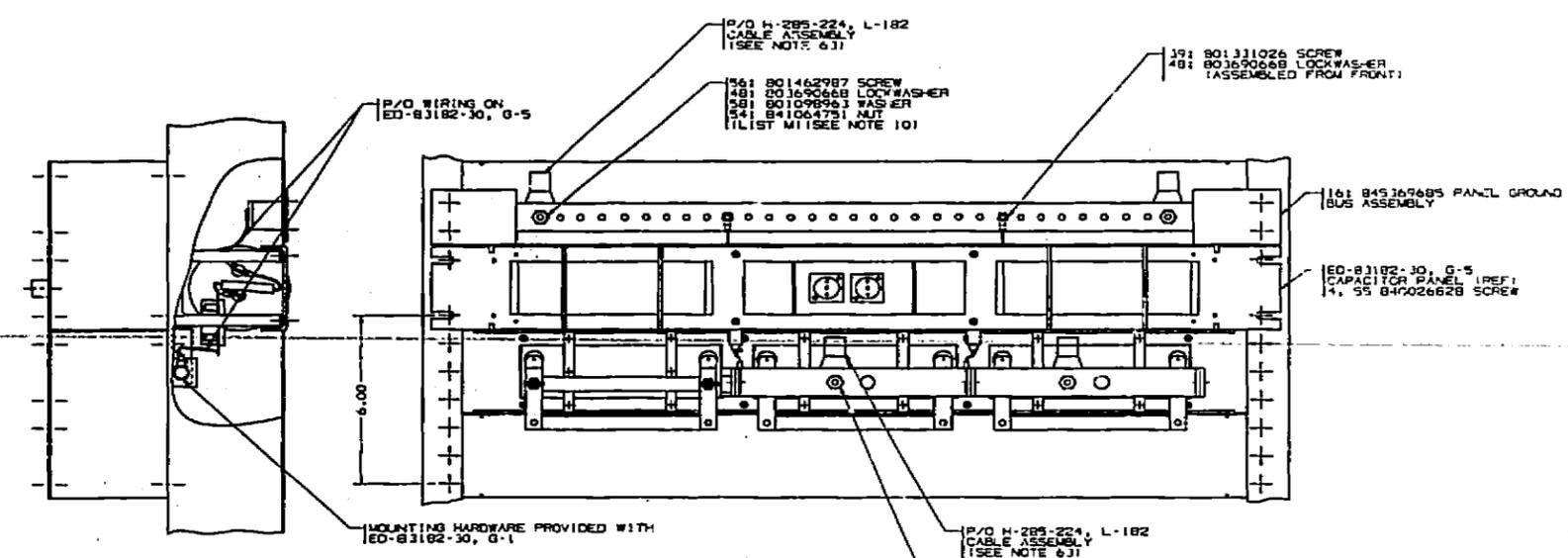
REF. SCALE

TABLE 2 (FIG. 4)	
EQUIPMENT LIST NO.	BAY MOUNTING POSITION NO.
1-35502C-1 (L)	50-75
AY	57-58
1-35502C-1 (L)	40-59
AY	38-39
1-35502C-1 (L)	21-37
AY	19-20
1-35502C-1 (L)	2-18





FRONT VIEW



END VIEW
(LIST XI)
FIG. E

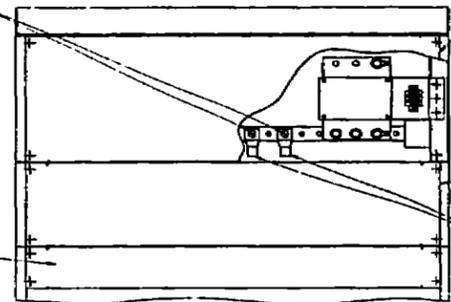
REAR VIEW

SEC 1 102
RED ORIGINAL

COPYRIGHT © 1972 AT&T - ALL RIGHTS RESERVED			
LINEAGE KCS BATTERY PLANT			9
AT&T TECHNOLOGIES, INC. NJ			C2
J85500C-1			9
			C3

44: 841069843 SCREW
48: 803690668 LOCKWASHER
(LIST A) (SEE NOTE 10)

5: 846780008 3-INCH PANEL
55: 901078717 SCREW
(LIST E)



FRONT VIEW

LIST B
REF

111: 845368778 6-INCH CHANNEL
55: 901078717 SCREW
(LIST F)

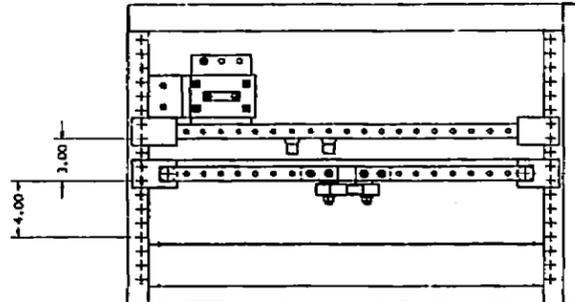
71: 843780016 6-INCH PANEL
55: 901078717 SCREW
(LIST F)

P/O H-285-224, L-182 OR L-198
CABLE ASSEMBLY
(SEE NOTE 43)

101: 845368670
3-INCH CHANNEL
55: 901078717 SCREW
(LIST E)

FIG. F
LIST A E/W ED-93186-30, 0-2

SIDE VIEW



REAR VIEW

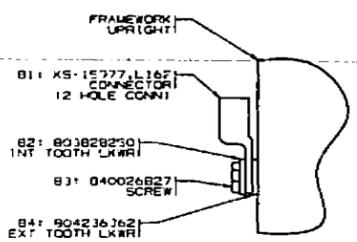
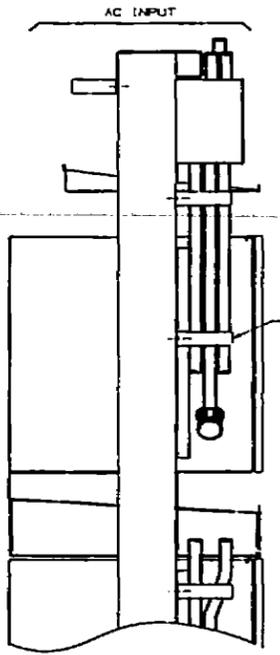


FIG. S
SCALE 2/1

METHOD OF CONNECTING 6 GA.
FRAME GROUND WIRE TO
FRAMEWORK
PART OF LIST 1



AC INPUT

221: 843049610
CABLE TIE BRACKET
55: 901078717 SCREW
(LIST B)
(TYPICAL)
(SEE NOTE 14)

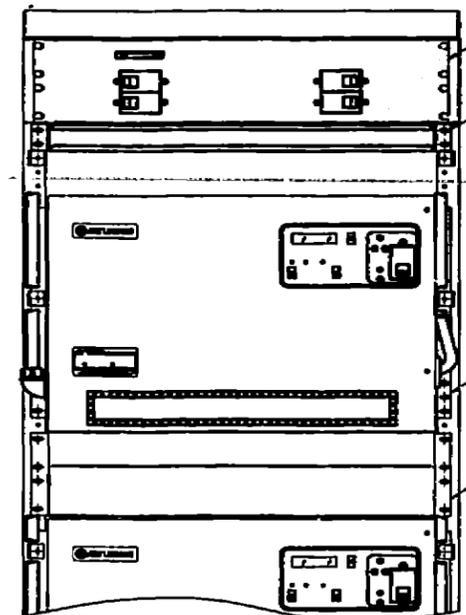


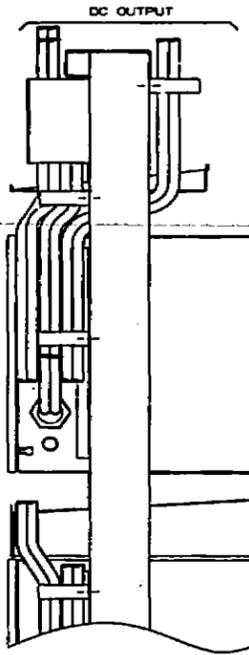
FIG. M
TYPICAL ARRANGEMENT
J85502C-1, L2 125 AMP 48V RECTIFIERS SHOWN

ED-93182-30 GEP 6
CIRCUIT BREAKER PANEL

231: 846104396
BAFFLE ASSEMBLY
55: 901078717 SCREW
(LIST B)
(SEE NOTE 76C)

J85502C-1, L2
125 AMP 48V RECTIFIER

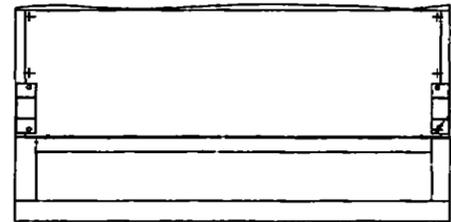
1031: 845958990
BAFFLE ASSEMBLY
55: 901078717 SCREW
(LIST A2)
(SEE NOTE 76A)



DC OUTPUT

TABLE AA (FIG. M)	
EQUIPMENT LIST NO.	BAY MOUNTING POSITION NO.
ED-93182-30 GEP 6	71-75
B	69-70
J85502C-1, L2	49-65
AZ	43-48
J85502C-1, L2	26-42
AZ	20-25
J85502C-1, L2	3-19

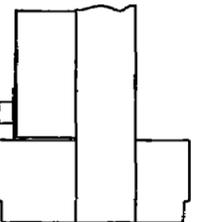
NOT SHOWN



FRONT VIEW

55: 901078717 SCREW

321: 845674365
BRACKET ASSEMBLY



SIDE VIEW

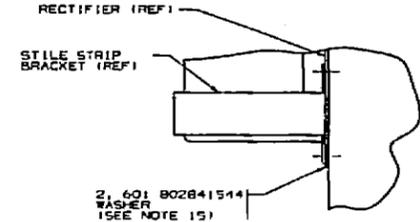


FIG. H

WIRE TIE
(PROVIDED WITH
RECTIFIER)

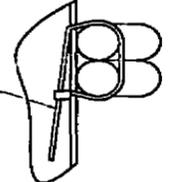
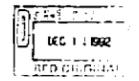
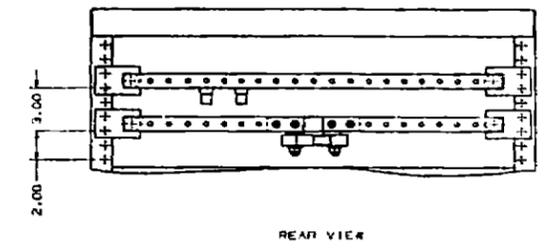
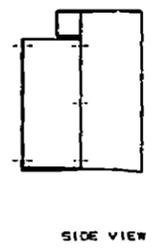
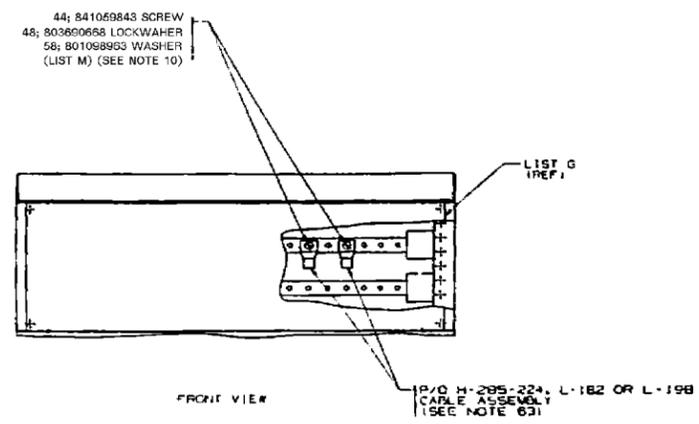


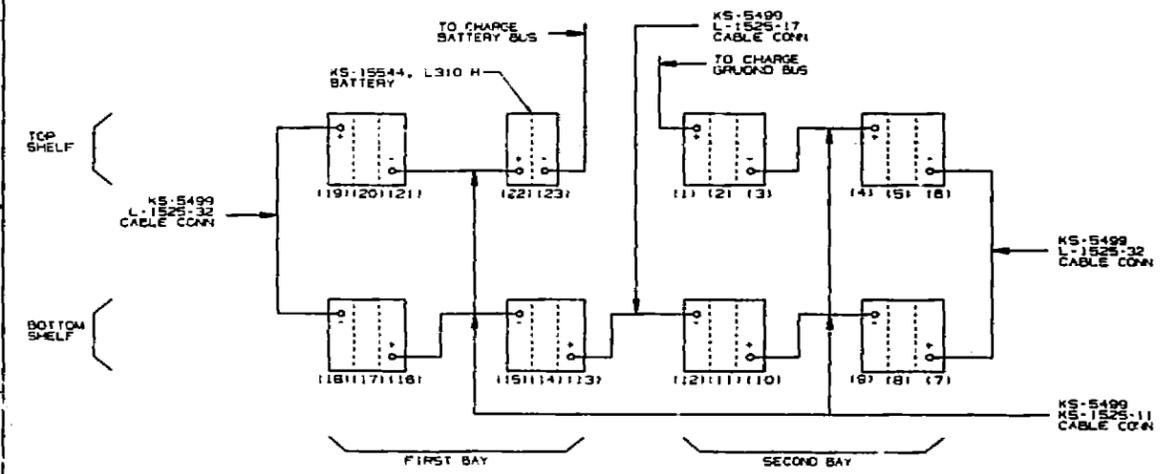
FIG. J
(TYPICAL)

FIG. L
LIST AB

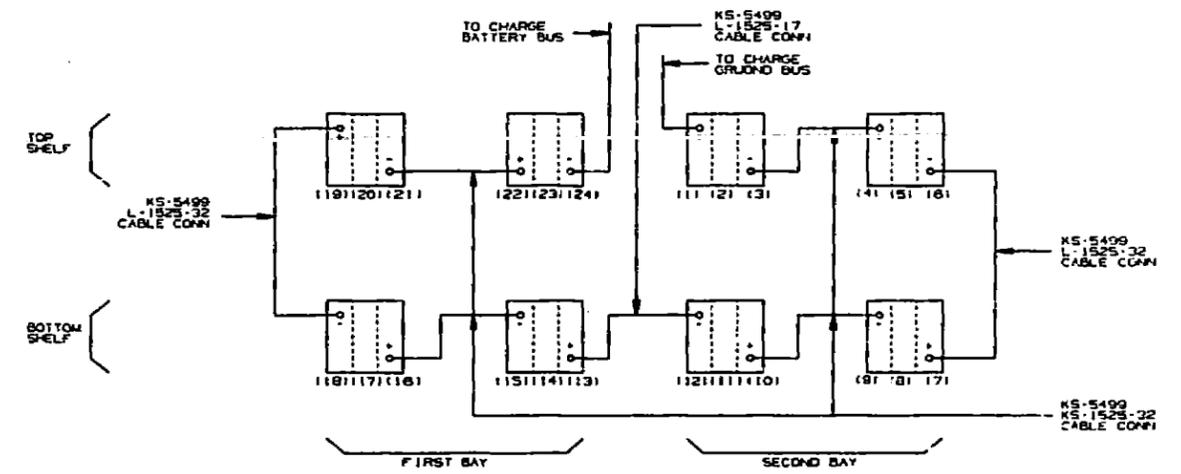




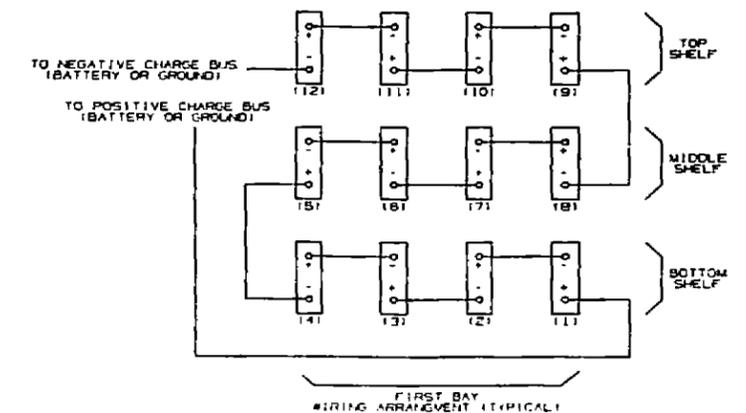
(LIST A WITHOUT ED-83166-30, G-2)
FIG. G



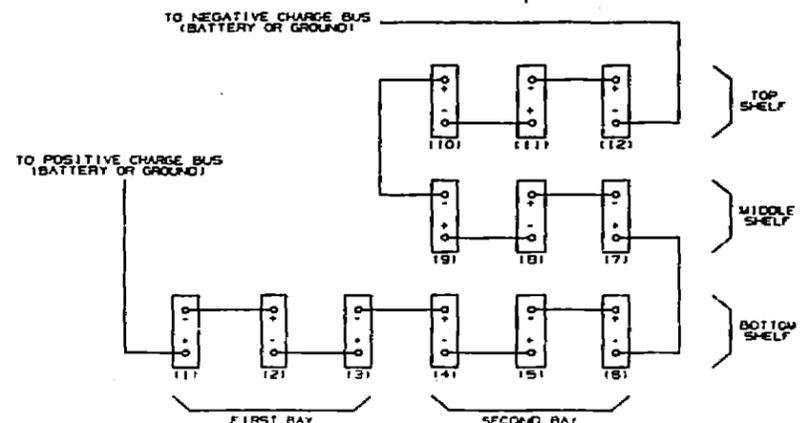
WIRING ARRANGEMENT (TYPICAL)
48 VOLTS
KS-15544, L-310 H BATTERIES
(EXCEPT WHERE INDICATED)
FIG. P



WIRING ARRANGEMENT (TYPICAL)
48 VOLTS
KS-15544, L-311 H BATTERIES
FIG. N



WIRING ARRANGEMENT (TYPICAL)
24 VOLTS
KS-15544, L-402 BATTERIES
FIG. Q



WIRING ARRANGEMENT (TYPICAL)
24 VOLTS
KS-15544, L-405 BATTERIES
FIG. R

