

| TABLE A - FEATURES | | | | | | | | | |
|--------------------|-------------|--------|-------|-----|-----------|--------|--------|-----------|--|
| LINE | DESCRIPTION | AB | AC | AD | AE | AF | AG | AH | |
| | | RATING | GROUP | QTY | CIRCUIT | FIGURE | WIRING | APPARATUS | |
| H | 1 | | 1 | | T83191-30 | 2 | | | |
| | 2 | | 2 | | T83191-30 | 2,3 | | | |
| G | 3 | | 3 | | T83191-30 | 9 | | | |
| | 4 | | 4 | | T83191-30 | 1 | | B,X,D | |
| F | 5 | | 5 | | T83191-30 | 2 | E | E | |
| | 6 | | 6 | | T83191-30 | 1 | F | F | |
| | 7 | | 7 | | T83191-30 | 11 | | | |
| E | 8 | | 8 | | T83191-30 | 2 | | | |

| LINE | DIST CKT | SCHEMATIC | WRG DIAGRAM | FIGURE | OPT WIRING | WIRED | REMARKS |
|------|------------|-----------|-------------|--------|------------|-------|---------|
| 1 | SD83191-01 | T83191-30 | | | | | |

| TABLE C - WIRING PROVIDED INFORMATION | | | | | | |
|---------------------------------------|----|----|----|----|----|----|
| CA | CB | CC | CD | CE | CF | CG |
| | | | | | | |

| LINE | NAME | NUMBER | LINE | NAME | NUMBER |
|------|------------------------|---------------|------|--------------|----------|
| 3 | MFG TEST PLAN | IMI-J86334E | | | |
| 2 | MFG LAYOUT RECORD | MLRED83133-30 | | | |
| 1 | POWER DIST. FRAME ASSY | J86334E-1 | 4 | PACKING SPEC | PS 30139 |

| TABLE D - LIST OF ASSOCIATED DRAWINGS | | | |
|---------------------------------------|----|----|----|
| DA | DB | DC | DD |
| | | | |

MANUFACTURING NOTES

- DIMENSIONS ARE SHOWN IN MM/INCHES.
- () - INDICATES THAT TEXT OR OTHER INFORMATION SHOWN ON PRODUCT IS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.
- [] - INDICATES THAT TEXT OR OTHER INFORMATION SHOWN ON PRODUCT IS FOR REFERENCE ONLY AND IS NOT TO BE STAMPED.
- < > - INDICATES THAT TEXT OR OTHER INFORMATION SHOWN ON PRODUCT IS PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.
- PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.
- (/) - PARTS THAT ARE (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP-MOUNTED, OR (B) TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD-MOUNTED.
- "DLT" IN THE STOCKLIST INDICATES THAT THE ITEM HAS BEEN DELETED. TABLE DLT PROVIDES INFORMATION ON THE PART HISTORY.
- (RESERVED FOR FUTURE USE)
- (RESERVED FOR FUTURE USE)
- SEE TABLE X FOR APPROVED COMPONENT EQUIVALENTS.
- TWO SIZES OF MOUNTING SCREWS ARE PROVIDED WITH EACH FUSE PANEL. 901078717 SCREWS (12-24X5/8") SHOULD BE USED TO MOUNT PANELS IN "CLASSIC" 5ESS FRAMES (ED5D184-74), SUCH AS J86334E-1 LIST 1. 901271031 SCREWS (M6X16) SHOULD BE USED TO MOUNT PANELS IN "GLOBAL" 5ESS FRAMES (ED5D785-70), SUCH AS J86334E-1 LIST 2. UNUSED SCREWS SHOULD BE DISCARDED.
- NAMEPLATE LABEL 847345543 (ITEM 37) SHOULD BE PRINTED WITH THE FOLLOWING INFORMATION: (NOTE: LABELS THAT CALL FOR A UL SYMBOL SHOULD ONLY CONTAIN THIS SYMBOL IF THE UNIT IS MANUFACTURED AT LUCENT TECHNOLOGIES-DALLAS WORKS.)

| | | |
|-------------------|--------------|--------------|
| ED83133-30 G(X) | INPUT | OUTPUT |
| SD83191-01 | -60 VDC MAX | -60 VDC MAX |
| (SERIAL NO. XXXX) | 480 AMPS PER | 480 AMPS PER |
| BUS MAX | BUS MAX | BUS MAX |

SHORT CIRCUIT CURRENT RATING: 5000 A

FOR GROUP 1, ALSO ADD:

OTHER LIMITS:
WHEN USED WITH J86334E1
LC,D,E OR F SEE LABEL
ON ALARM PANEL
UR (UL RECOGNITION SYMBOL)

FOR GROUP 4:

| | | |
|----------------------------|-------------|-------------|
| ED83133-30 G4 | INPUT | OUTPUT |
| SD83191-01 | -60 VDC MAX | -60 VDC MAX |
| (SERIAL NO. XXXX) | | |
| UR (UL RECOGNITION SYMBOL) | | |

SHORT CIRCUIT CURRENT RATING: 5000 A

FOR GROUP 8: ALSO ADD:
UR (UL RECOGNITION SYMBOL)

13. FUSES 407132257 (ITEM 28) SHALL BE INSTALLED IN FUSE HOLDER 407123991 (ITEM 27).

14. FUSES 406747535 (ITEM 172) ARE SHIPPED LOOSE WITH THE GROUP 4 ALARM PANEL. THESE FUSES SHOULD BE INSTALLED IN POSITIONS FA1 AND FA2 ON THE REAR OF THE GROUP 1 FUSE PANEL WHICH IS USED TO POWER THE ALARM PANEL. FOR SHIPPING, THE FUSES SHOULD BE PACKAGED IN A BAG SEPARATE FROM THE OTHER SHIP-LOOSE ITEMS.

15. STAMP OR LABEL BACKPLANE ASSEMBLY 843779406 (ITEM 145) AS SHOWN IN FIGURE G. ORIENT 127C APPARATUS MOUNTINGS 103342119 (ITEM 146) AS SHOWN.

| SHEET INDEX | | | | | | | |
|-------------|----|----|----|-----|-----|-----|--|
| ISSUE | 14 | 14 | 14 | 14 | 8 | 8 | |
| SH NO | A1 | A2 | A3 | A4 | B1 | B2 | |
| ISSUE | 14 | 14 | 14 | 14 | 6 | 13 | |
| SH NO | C1 | C2 | C3 | C4 | C5 | C6 | |
| ISSUE | 7 | 9 | 11 | 11 | 11 | 11 | |
| SH NO | C7 | C8 | C9 | C10 | C11 | C12 | |
| ISSUE | 14 | 14 | | | | | |
| SH NO | D1 | D2 | | | | | |

POWER SYSTEMS
POWER DISTRIBUTION PANELS
FOR GLOBAL POWER DISTRIBUTION FRAME (GPDF)
-48VDC

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USED ON DRAWING

SCALE: C2

DISTN CODE: AM10

MATRIX EBOM VERSION
Distribution Unit ED8313330 14

LUCENT TECHNOLOGIES DJ ED83133-30

SHEET 20
A1 OF 14
ISSUE C2
DWG SIZE

| INITIAL RELEASE | | | |
|---|------------|-----|-------|
| PDI | 94ESDJ0555 | | |
| -- | -- | KOS | 34481 |
| -- | -- | RN | 1 |
| REMOVED SH. B1. ADDED SH. C1,C2,C3,C4 WITH FIGURES A,B,C,D. A-SHEET: CHGD NOTE 12. ADDED NOTES 13,55,56. CHGD LINE 4 OF TABLE D. ADDED LINE 9 TO TABLE T, LINE 2 TO TABLE Z, TABLE Y. STOCKLIST: CHGD ITEMS 20,38,57,123. ADDED ITEMS 25,28,34,50,51,68. PDI 94ESDJ0706 CL: B | | | |
| DIW | | KOS | 34520 |
| -- | -- | RN | 2 |
| ADDED SH. C5 AND C6. ADDED LABEL ITEM 34 TO SH. C4. STOCKLIST: LINED OUT ITEMS 66,82,83,98. CHGD QTY FOR GR 3 ON ITEMS 65,81. ADDED GR 3 TO ITEMS 67,75,84. CORRECTED COMCODE FOR ITEM 103. CORRECTED DESCRIPTION FOR ITEM 57. PDI 94ESDJ0778 CL: ME | | | |
| SCF | | KOS | 34551 |
| -- | -- | NN | 3 |
| SH A1: REVISED NOTE 12 LABEL INFO FOR CLARIFICATION. SH C2,C3 AND C6: CHD-CC ITM 73 WAS 801098963, CC ITM 25 WAS 405596293 AND CC ITM 54 WAS 901276596. SH C4: CHD-ADD DETAIL TO ITM 37 LBL SH D1: CHD-CC ITM 73 WAS 801098963. PDI 94ESDJ1049 CL: ME | | | |
| DRM | | JAS | 34598 |
| -- | -- | RN | 4 |
| SH. A1: ADDED GR 4 TO TABLE A. CHGD NOTE 12. ADDED NOTES 10, 14-20,57,58. CHGD LINE 4 OF TABLE T. ADDED TABLE X. ADDED NOTE FIELD TO TABLE Y. C SHEETS: UPDATED ALL FIGURES TO REFLECT STOCKLIST CHANGES. SH. C4: MOVED LABEL LOCATION ADDED SH. C7. STOCKLIST: ADDED LINES 3-5,29,42,43,58, 96,140-176. CHGD QTY ON LINES 51,54. LINED OUT LINES 1,2,44,45,52,65,73,97. PDI 94ESDJ1178 CL: B | | | |
| SCF | | KOS | 34649 |
| -- | -- | GME | 5 |
| REDRAWN ON HP CAD SYSTEM. A SHTS: CHGD NOTES 12,18. ADDED NOTES 21,22. CHGD TBL X LN 2, TBL D LN 4, TBL Z LN 3-4. ADDED TBL S, DELETED TBL T. S/L: DELETED ITEMS 8-11,16, 19,32,53-55,58,81. ADDED ITEMS 7,12-14,21,31,59-61, 69,75,80. CHGD ITEM 68. CHGD FIG G. ADDED PART DESC AND TORQUE ON ALL SHTS. PDI 95ESDJ0531 CL:ME | | | |
| SCF | | KOS | 34877 |
| -- | -- | GME | 6 |

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MANUFACTURING NOTES (CONT'D)

- 16. TWO BLUE WIRES WHICH ARE PART OF WIRESET 847275377 (ITEM 159) SHALL BE SHIPPED LOOSE WITH THE GROUP 4 ALARM PANEL. THESE WIRES SHALL BE INSTALLED IN THE FIELD ON THE GROUP 1 FUSE PANEL WHICH IS USED TO POWER THE ALARM PANEL. THE WIRES SHOULD BE USED TO CONNECT FA2 TO E4 AND FA1 TO E3; SEE T83191-30 FIG. 2 .
- 17. CABLE TIE QUANTITY IS APPROXIMATE. EXACT QUANTITY REQUIRED DEPENDS ON CONFIGURATION.
- 18. NOTE THAT M6X12 SCREWS 901297861 (ITEM 60) HAVE SLOTTED HEX HEADS WHILE M6X14 SCREWS 901283168 (ITEMS 58, 59) HAVE PLAIN HEX HEADS. THIS MAY BE USED WHEN PROCESS-CHECKING TO ENSURE THE PROPER SCREW WAS USED IN THE CORRECT PLACE.
- 19. LOCATE ALL LABELS APPROXIMATELY AS SHOWN, UNLESS OTHERWISE SPECIFIED. WHERE LOCATING DIMENSIONS ARE GIVEN, TOLERANCE IS +/-3MM / +/- .1 INCHES.
- 20. WHEN THE GROUP 4 PANEL IS INSTALLED IN A FRAME, LUG 997637111 (ITEM 176) SHOULD BE LOCATED IN TOP LEFT CORNER ABOVE THE 'ESD' LABEL. THIS LUG SERVES AS THE ESD WRISTSTRAP GROUNDING POINT. THE LUG MUST BE ORIENTED SO THAT IT DOES NOT INTERFERE WITH THE PANEL DOOR OR THE CABINET DOORS.
- 21. TABLE S PROVIDES ALTERNATE PARTS WHICH MAY BE USED AT LUCENT TECHNOLOGIES-TELEA (OR OTHER MANUFACTURING SITE OUTSIDE THE U.S.).
- 22. WHEN UNPLATED BUS BARS ARE USED, NO-OX OR PROTECTION WAX (SUCH AS 901280255 RUTHINIUM PASTE) MUST BE SPREAD BETWEEN THE COMPONENTS IN ELECTRICAL CONNECTIONS. FOR EXAMPLE, IT MUST BE SPREAD BETWEEN THE BUS BARS IN A BUS-TO-BUS CONNECTION.
- 23. GROUPS 5 AND 6 ARE BUILT AT LUCENT TECHNOLOGIES-TELEA AND ARE NOT BUILT AT LUCENT TECHNOLOGIES-DALLAS WORKS. THE ASSEMBLY DRAWINGS AND BILLS OF MATERIALS FOR THESE GROUPS ARE MAINTAINED AND CONTROLLED BY LUCENT TECHNOLOGIES-NSI AND DO NOT EXIST AT DALLAS WORKS.
- 24. ALL GROUP 1 PARTS ARE ALSO USED ON GROUP 5, AND 8, SOME GROUP 4 PARTS ARE ALSO USED ON GROUP 6. WHEN ANY PART ON GROUP 1 OR 4 IS CHANGED, THE DESIGN OWNER OF GROUPS 5 AND 6 AT LUCENT TECHNOLOGIES-NSI WILL BE INFORMED BY PDI SO THAT THOSE GROUPS CAN BE CHANGED IN THE SAME WAY. SUBSEQUENTLY, LUCENT TECHNOLOGIES-TELEA WILL RECEIVE AN NDD FROM THE DESIGN OWNER OF GROUPS 5 AND 6.
- 25. ON THE GROUP 1,8 FUSE PANEL, M5 (LOAD) CONNECTIONS SHOULD BE TORQUED TO 4 N-M (35 IN-LB). M8 (FEEDER) CONNECTIONS SHOULD BE TORQUED TO 14 N-M (125 IN-LB). SNOINSTAL
- 26. IN SOME INSTANCES SCREW 901297929 MAY NOT BE OF SUFFICIENT LENGTH TO PROVIDE A SECURE CONNECTION. IN THESE CASES IT IS PERMISSIBLE TO SUBSTITUTE SCREW 901276907

ENGINEERING NOTES (CONT'D)

- 53. LABEL SET 846957686 CONSISTS OF LABELS THAT SAY 'PANEL 1,' 'BUS A,' ETC. THIS LABEL SET IS NORMALLY SHIPPED WITH THE J-FRAME (SEE J86334E-1 FOR EXAMPLE). IF AN ED83133-30 UNIT IS ORDERED NON-X FOR FIELD INSTALLATION AND THE LABEL SET THAT WAS ORIGINALLY SENT WITH THE J-FRAME HAS BEEN MISPLACED, A NEW LABEL SET CAN BE ORDERED ACCORDING TO TABLE Z.
- 54. GROUPS 2 AND 3 ARE NOT UL APPROVED.
- 55. GROUP 2 FUSE PANEL IS FOR APPLICATIONS WHERE PLUG-IN DISTRIBUTION LEADS (ED5A079-30) ARE REQUIRED, COMMONLY USED IN BY 4ESS. GROUP 2 PROVIDES A FILTER FUSE PANEL (EQUIVALENT TO GROUP 1) EQUIPPED WITH A CONNECTORIZATION ASSEMBLY. KS21103 L4 RECEPTACLES ARE WIRED TO EACH FUSE OUTPUT AND RETURN POSITION OF THE FILTER FUSE PANEL. ENGINEER SHALL FURNISH ED5A079-30 POWER DISTRIBUTION CABLES EQUIPPED WITH KS21103 L8 PLUGS.
- 56. GROUP 3 FUSE PANEL PROVIDES EIGHT 50-AMP FUSE POSITIONS. THIS PANEL IS COMMONLY USED IN 4ESS APPLICATIONS.
- 57. GROUP 4 ALARM PANEL IS FOR INSTALLATION IN A MISCELLANEOUS FRAME ALONG WITH A GROUP 1 FUSE PANEL FOR SMALL SWITCH APPLICATIONS. THE ALARM PANEL SHOULD BE INSTALLED DIRECTLY ABOVE THE FUSE PANEL. DALLAS WORKS WILL ONLY SHIP THIS PANEL NON-X.
- 58. THE WP92955 L8 FUSE CAN BE ORDERED IN A BULK QUANTITY OF 10 FUSES PER PACKAGE BY ORDERING COMCODE 407310374 .
- 59. GROUPS 5 AND 6 ARE DESIGNED FOR "SPDF" APPLICATIONS (SMALL POWER DISTRIBUTION FRAME) WHERE THE EQUIPMENT IS MOUNTED IN THE CABLE RACK. GROUPS 5 AND 6 ARE BUILT ONLY AT LUCENT TECHNOLOGIES-TELEA AND MUST BE ORDERED THROUGH LUCENT TECHNOLOGIES-NSI.
- 60. GROUPS 7 DIFFERS FROM GROUP 1 IN THAT GROUP 7 UTILIZES SPRING CLAMP CABLE CONNECTIONS AT THE LOAD FUSES AND AT THE RETURN BUSBAR.
- 61. TPA 50 AMP FUSE CAN BE ORDERED IN A BULK QUANTITY OF 10 FUSES PER PACKAGE BY ORDERING COMCODE 407006394.

| ITEM | KA REF DESIG | KB DESCRIPTION | XC COMCODE | XD NOTE | XE |
|------|-----------------|-------------------|---------------|------------|----|
| 1 | S/L ITEM 153 | GROMMET, CSG09 | 402170302 | SYM | 10 |
| 2 | S/L ITEM 153 | GROMMET, SPGS-2 | 401226576 | | 10 |

TABLE DLT: MATERIAL REMOVED FROM STOCKLIST

| S/L ITEM | COMCODE | FORMER | | ISSUE REMOVED |
|----------|-----------|--------|---------|---------------|
| | | LISTS | QTY PER | |
| 66 | 801829557 | 3 | 8 | 3 |
| 82 | 841064751 | 3 | 8 | 3 |
| 83 | 841064751 | 3 | 8 | 3 |
| 98 | 847362274 | 3 | 2 | 3 |
| 1 | 847309200 | 1,2 | 1 | 5 |
| 2 | 847309226 | 1,2,3 | 1 | 5 |
| 44 | 996564316 | 1,2 | 30 | 5 |
| | | 3 | 18 | |
| 45 | 802908905 | 1,2,3 | 12 | 5 |
| 52 | 801724857 | 1,2 | 18 | 5 |
| | | 3 | 6 | |
| 65 | 801829557 | 1,2 | 18 | 5 |
| | | 3 | 6 | |
| 73 | 802841577 | 1,2 | 18 | 5 |
| | | 3 | 6 | |
| 97 | 847320983 | 3 | 1 | 5 |
| 8 | 847309168 | 1,2 | 1 | 6 |
| 9 | 847309176 | 1,2 | 1 | 6 |
| 10 | 847309143 | 1,2 | 1 | 6 |
| 11 | 847311669 | 1,2 | 1 | 6 |
| 16 | 847309259 | 1,2 | 1 | 6 |
| 32 | 847275393 | 1,2 | 1 | 6 |
| 54 | 901276956 | 1,2 | 2 | 6 |
| 55 | 901276956 | 3 | 8 | 6 |
| 81 | 901276998 | 1,2 | 12 | 6 |
| | | 3 | 16 | |
| 34 | 847389160 | 1,2 | 1 | 7 |
| 35 | 845623057 | 1,2 | 1 | 7 |
| 36 | 847309242 | 1,2 | 1 | 7 |

TABLE S: ALTERNATE PART NUMBERS (SEE NOTE 21)

| LINE | COMCODE | DESCRIPTION | ALTERNATE |
|------|-----------|------------------------|---------------------------------------|
| 1 | 901276964 | SCREW, M3X5 | 847116555 |
| 2 | 901271031 | SCREW, M6X16 | NONE |
| 3 | 901263327 | SCREW, M8X25 | 847116738 |
| 4 | 901231399 | SCREW, M4X12 | 847117876 |
| 5 | 901230474 | SCREW, M3.5X8 | NONE |
| 6 | 901276907 | SCREW, M5X10 SEMS | NONE |
| 7 | 901297929 | SCREW, M5X8 SEMS | 847116654 +847337888 +847175007 |
| 8 | 901297861 | SCREW, M6X12 SEMS | 847079894 +847337953 +847175023 |
| 9 | 901283176 | SETScrew, M6X14 | NONE |
| 10 | 804236362 | WASHER, .25 EXT. TOOTH | 847174828 |
| 11 | 901249813 | WASHER, M8 | 847174927 |
| 12 | 901231456 | WASHER, M6 | 847174901 |
| 13 | 901230516 | WASHER, M4 | 847174885 |
| 14 | 901249821 | LOCKWASHER, M8 | 847337896 |
| 15 | 901231472 | LOCKWASHER, M6 | 847337953 |
| 16 | 901230680 | LOCKWASHER, M4 | 847337870 |
| 17 | 901249839 | NUT, M8 | 847183613 |
| 18 | 901231464 | NUT, M6 | 847183597 |

ENGINEERING NOTES

- 51. ENGINEER TO FURNISH LOAD AND ALARM FUSES AS REQUIRED.
- 52. ED83133-30 FUSE PANELS SHOULD NOT BE MOUNTED IN A J86334D-1 FRAME (PCFD). FOR APPLICATIONS WHERE A J86334D-1 FRAME NEEDS TO BE "GROWN" IN THE FIELD, FUSE PANELS SHOULD BE ORDERED FROM THE ED83024-30 DRAWING.

| | | | | |
|---|----|------------|-------|----------|
| POWER DISTRIBUTION PANELS FOR GPDF | | | | |
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| MATRIX EBOM VERSION DISTRIBUTION UNIT ED8313330 14 | | SHEET | ISSUE | DWG SIZE |
| LUCENT TECHNOLOGIES | DJ | ED83133-30 | A2 | 14 C2 |

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| | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | |
|---|------|--------------|---------------|---|-------------------------|--------------|-----------|------|--|---|--|---|--|---|--|---|--|-------|-------|----------|--|
| | | YA | YB | YC | YD | YE | YF | YG | | | | | | | | | | | | | |
| TABLE Y: FUSE INFORMATION | | | | | | | | | | | | | | | | | | | | | |
| FUSES ORDERED BY ENGINEER | | | | | | | | | | | | | | | | | | | | | |
| H | LINE | USED ON LIST | USED FOR | RATING | MFR | PART NO. | COMCODE | NOTE | | | | | | | | | | | | | |
| | 1 | 10,11,15 | LOAD | 25 | -- | WP92955 L8 | 407132257 | 58 | | | | | | | | | | | | | |
| | 2 | 16 | LOAD | 50 | -- | | 407006394 | 61 | | | | | | | | | | | | | |
| | 3 | | | | GOULD SHAWMUT | A13X50 | -- | | | | | | | | | | | | | | |
| | 4 | 12 | LOAD | 50 | INTERNATIONAL RECTIFIER | 13X50 | -- | | | | | | | | | | | | | | |
| | 5 | | | | ECONOMY FUSE | RFA50 | -- | | | | | | | | | | | | | | |
| | 6 | 12 | ALARM | .5 | -- | 70G | 100203389 | | | | | | | | | | | | | | |
| FUSES SUPPLIED BY FACTORY | | | | | | | | | | | | | | | | | | | | | |
| G | LINE | USED ON | USED FOR | RATING | MFR | PART NO. | COMCODE | NOTE | | | | | | | | | | | | | |
| | 51 | 10,11,15,16 | ALARM CIRCUIT | 3 | -- | WP91768 L108 | 406747535 | | | | | | | | | | | | | | |
| | 52 | 12 | FILTER | 30 | BUSSMANN | AFJ30 | 402669360 | | | | | | | | | | | | | | |
| | 53 | 10,11,15,16 | FILTER | 25 | -- | WP92955 L8 | 407132257 | | | | | | | | | | | | | | |
| TABLE Z: ADDITIONAL OPTIONAL EQUIPMENT | | | | | | | | | | | | | | | | | | | | | |
| F | LINE | COMCODE | NOTE | DESCRIPTION | | | | | | | | | | | | | | | | | |
| | 1 | 846957686 | 53 | LABEL SET - PANEL ID | | | | | | | | | | | | | | | | | |
| | 2 | 406980839 | -- | REPLACEMENT DISCONNECT HEAD FOR WP92955-TYPE FUSE HOLDERS | | | | | | | | | | | | | | | | | |
| | 3 | 107389967 | -- | REPLACEMENT 994B ALARM PWB | | | | | | | | | | | | | | | | | |
| | 4 | 847466778 | -- | REPLACEMENT CAPACITOR PWB | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| D | | | | | | | | | | | | | | | | | | | | | |
| C | | | | | | | | | | | | | | | | | | | | | |
| B | | | | | | | | | | | | | | | | | | | | | |
| A | | | | | | | | | | | | | | | | | | | | | |
| POWER DISTRIBUTION PANELS FOR GPDP | | | | | | | | | | | | | | | | | | | | | |
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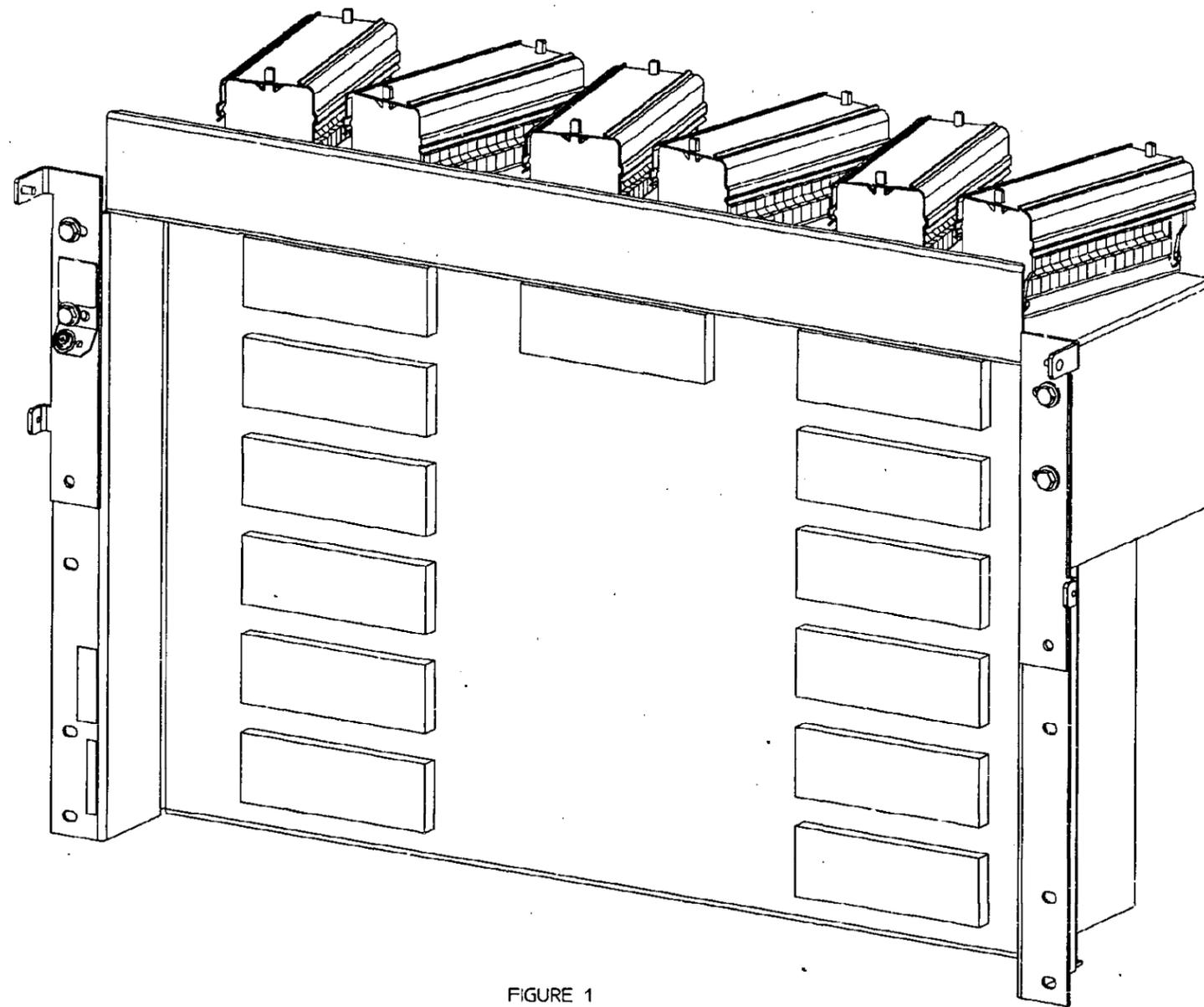


FIGURE 1
FILTER/FUSE PANEL
FOR SPD APPLICATIONS
(GROUP 5)

DCC OFFICIAL
JUN 05 1996
RED ORIGINAL

| | | |
|--|------------|------------------|
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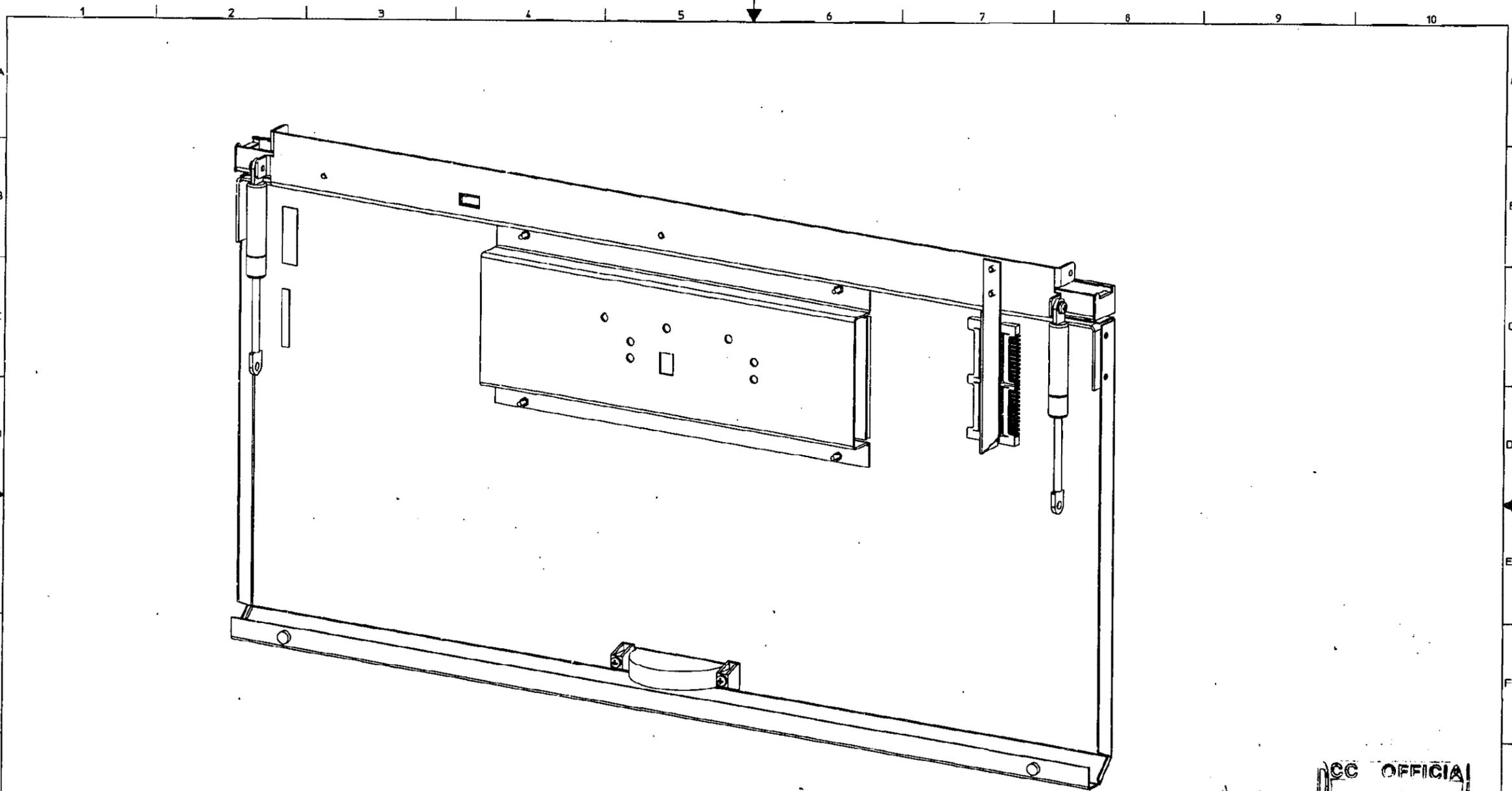
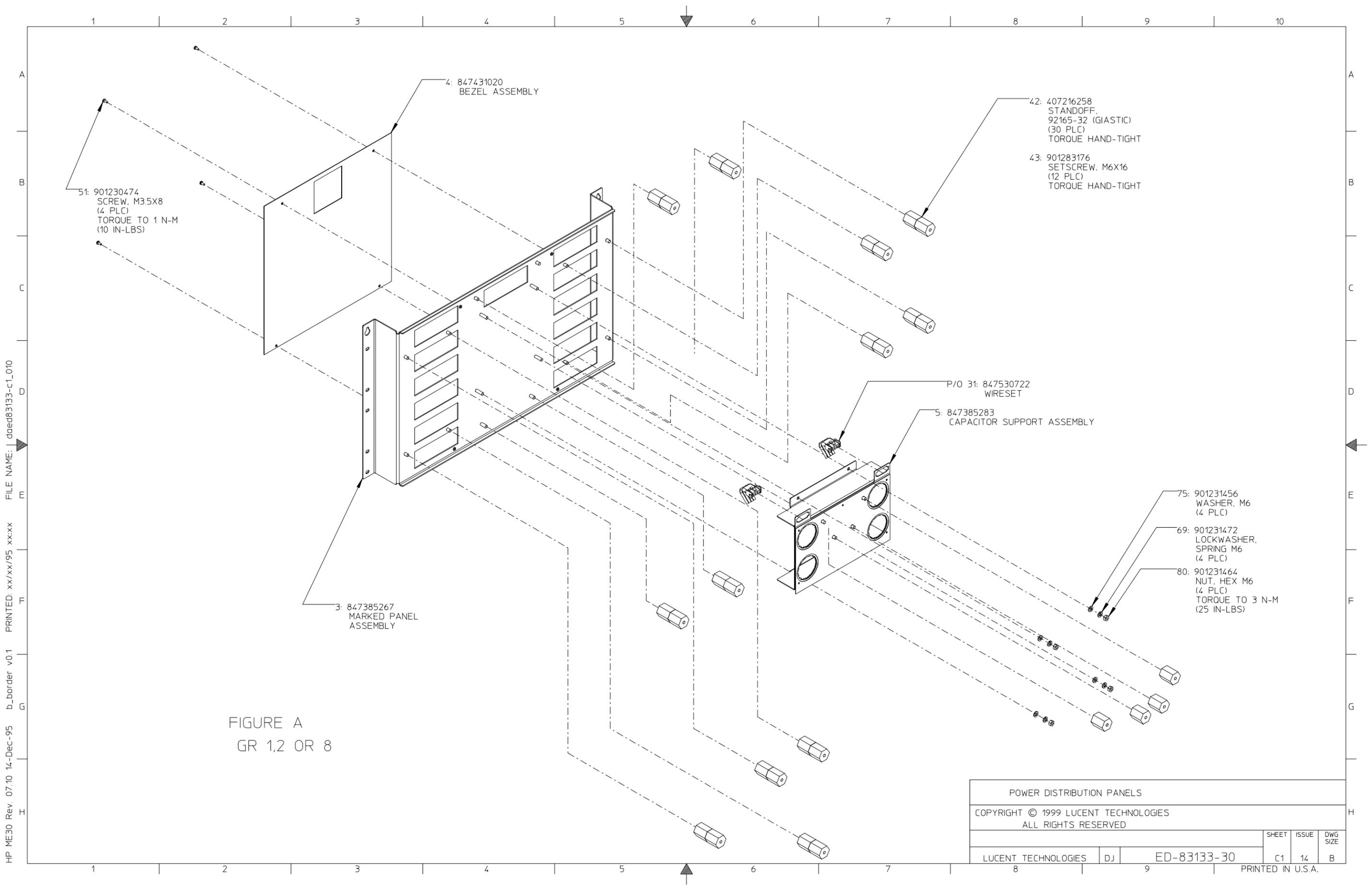


FIGURE 2
ALARM PANEL
FOR SDF APPLICATIONS
(GROUP 6)

CC OFFICIAL
JUN 05 1996
RED ORIGINAL

| | | | |
|--|----|------------|--------------------------------|
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51: 901230474
SCREW, M3.5X8
(4 PLC)
TORQUE TO 1 N-M
(10 IN-LBS)

4: 847431020
BEZEL ASSEMBLY

42: 407216258
STANDOFF,
92165-32 (GLASTIC)
(30 PLC)
TORQUE HAND-TIGHT

43: 901283176
SETSCREW, M6X16
(12 PLC)
TORQUE HAND-TIGHT

P/O 31: 847530722
WIRESET

5: 847385283
CAPACITOR SUPPORT ASSEMBLY

3: 847385267
MARKED PANEL
ASSEMBLY

75: 901231456
WASHER, M6
(4 PLC)

69: 901231472
LOCKWASHER,
SPRING M6
(4 PLC)

80: 901231464
NUT, HEX M6
(4 PLC)
TORQUE TO 3 N-M
(25 IN-LBS)

FIGURE A
GR 1,2 OR 8

| | | | | | |
|---|--|--|-------|-------------|-------------|
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| | | | C1 | 14 | B |

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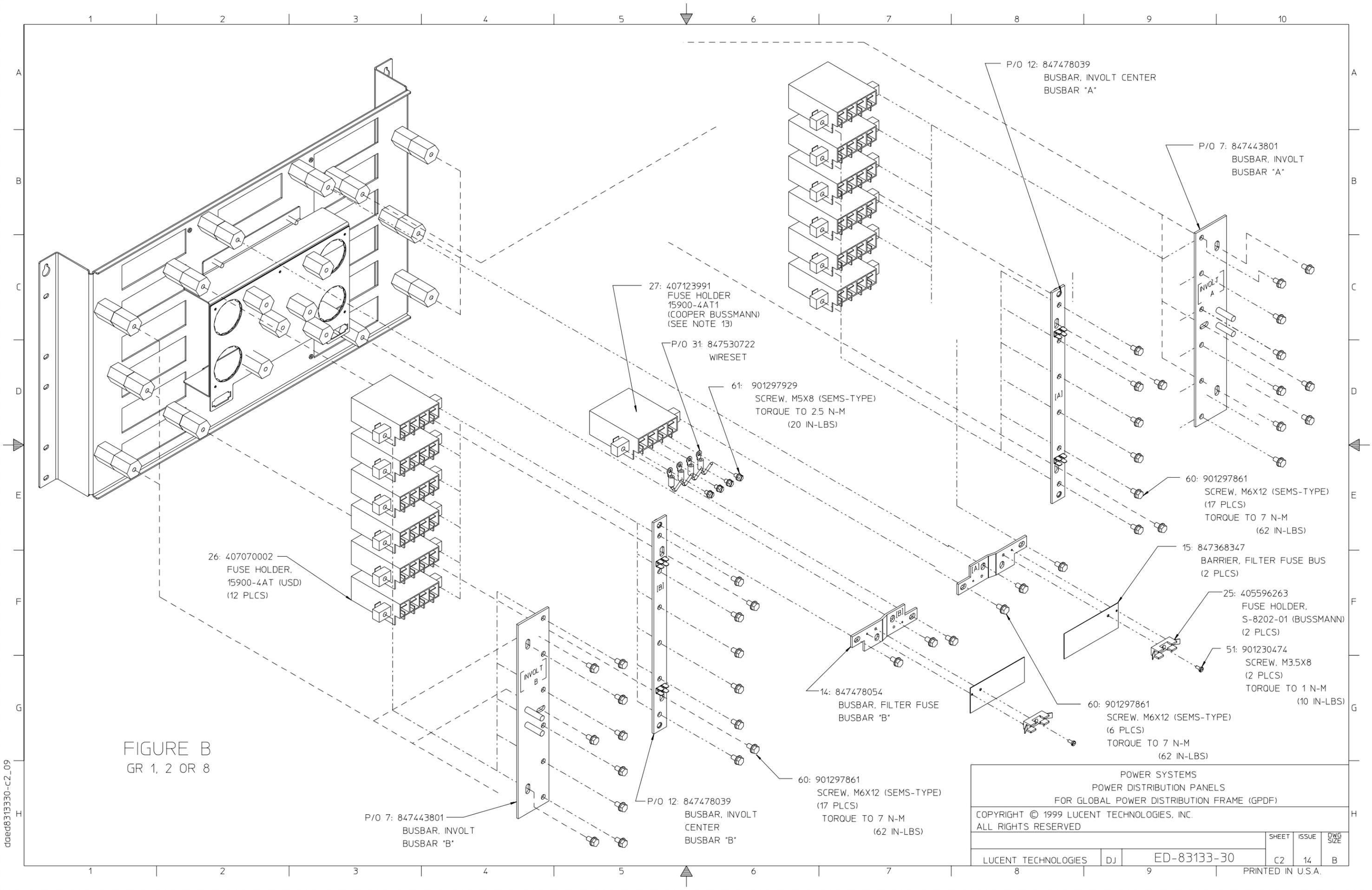


FIGURE B
GR 1, 2 OR 8

| | | | | | |
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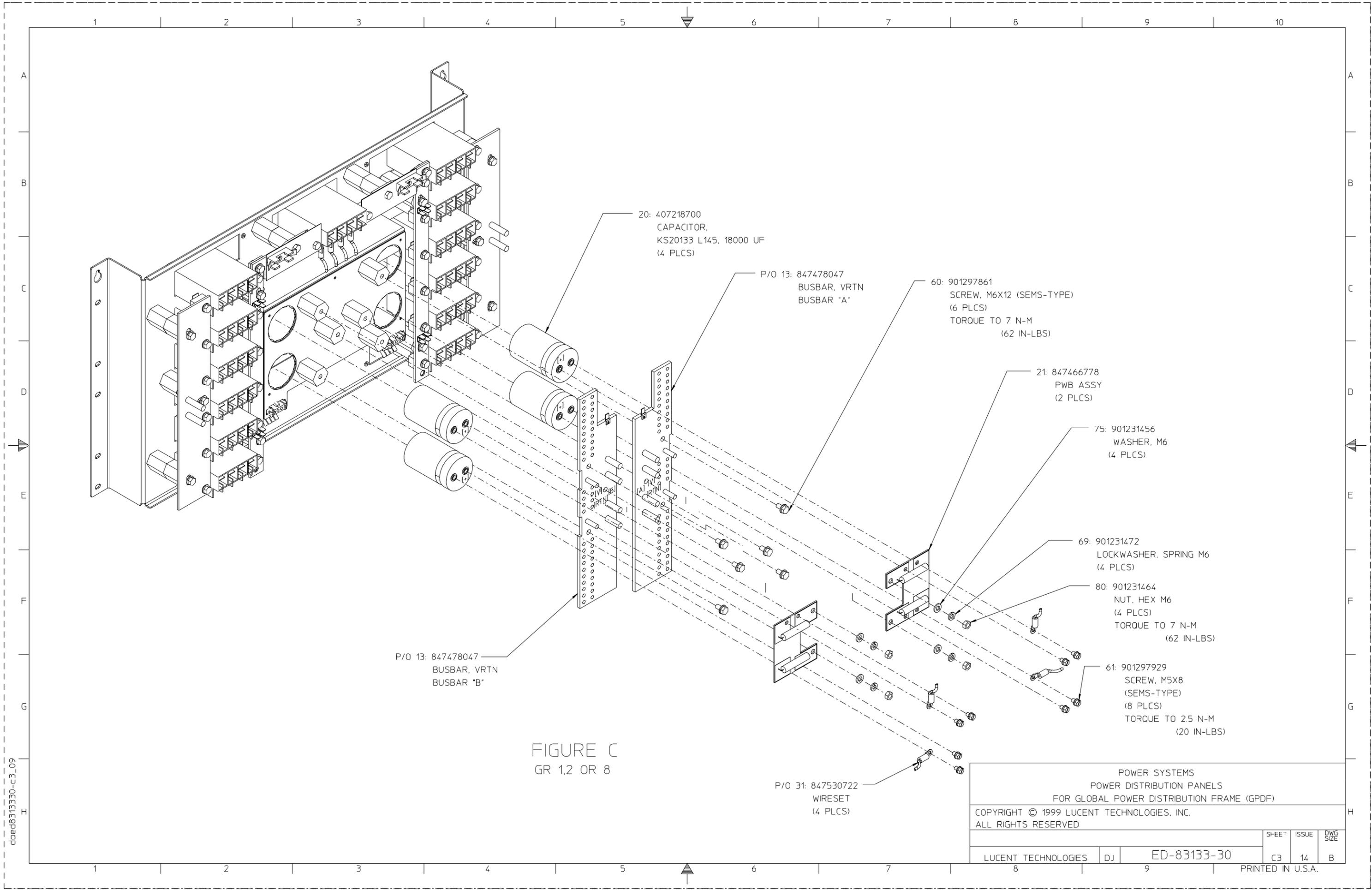
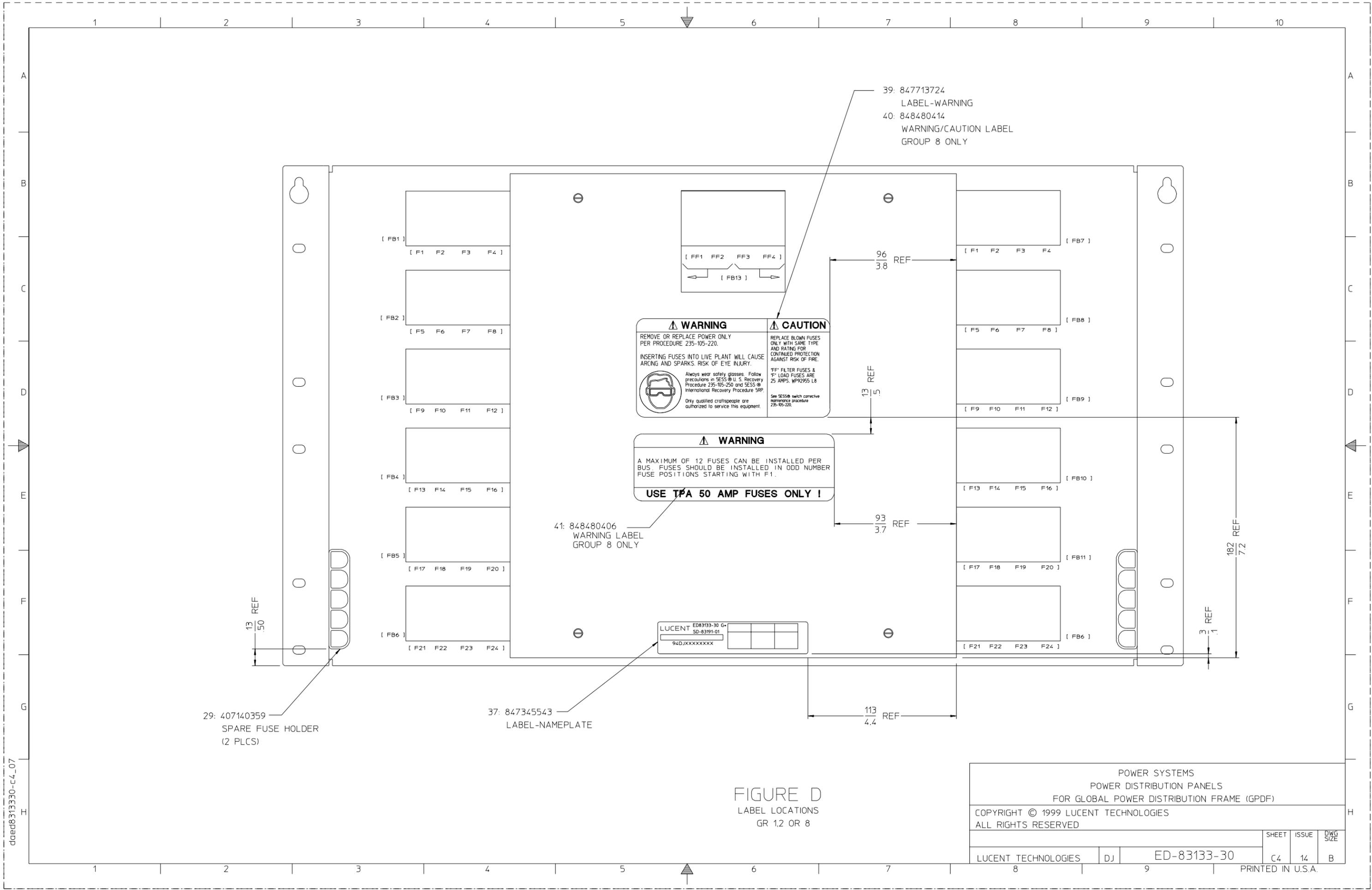


FIGURE C
GR 1,2 OR 8

| | | | | | |
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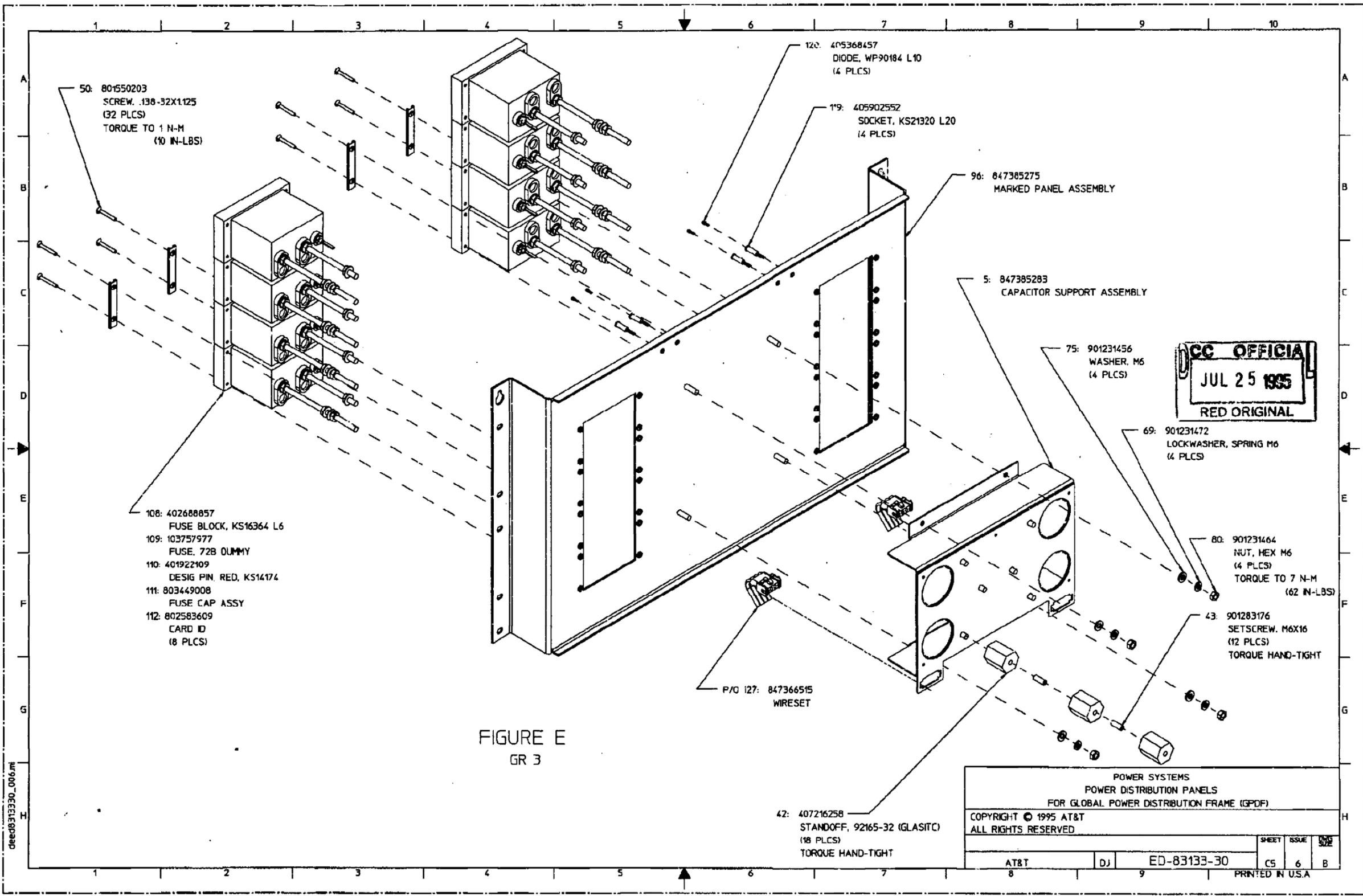


FIGURE E
GR 3

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1 2 3 4 5 6 7 8 9 10

A

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C

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G

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A

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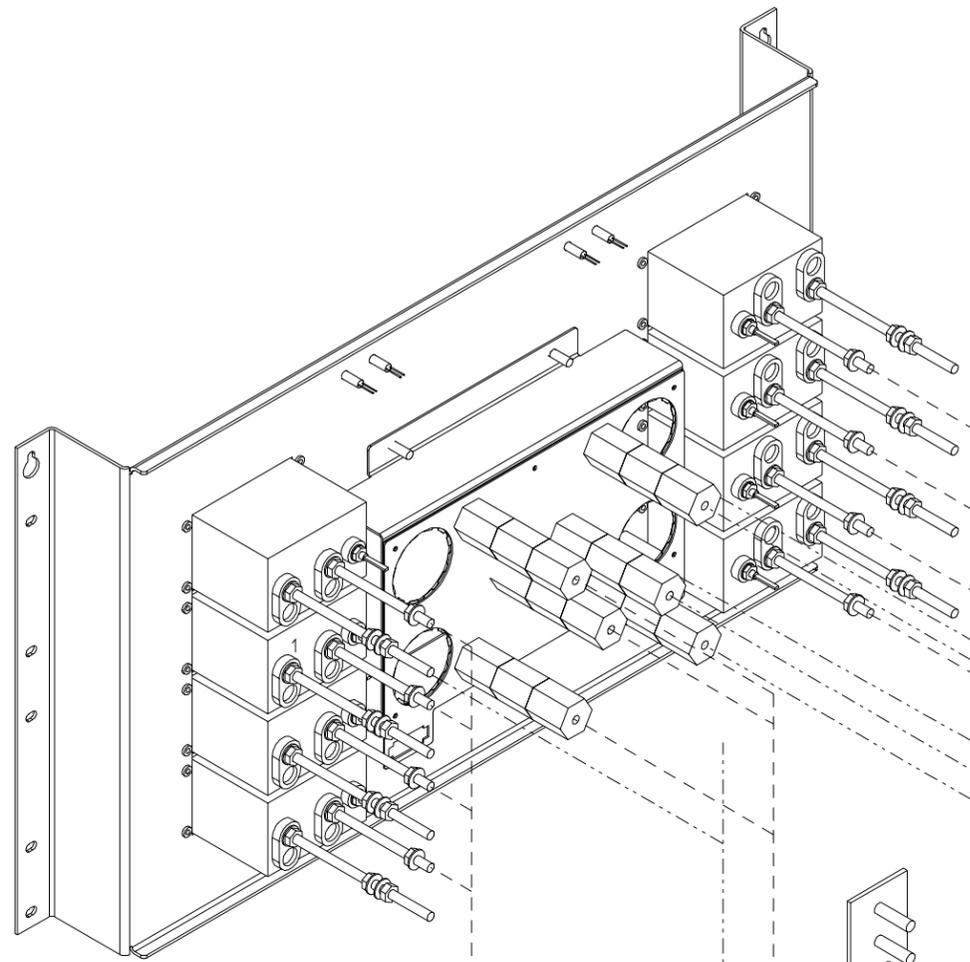
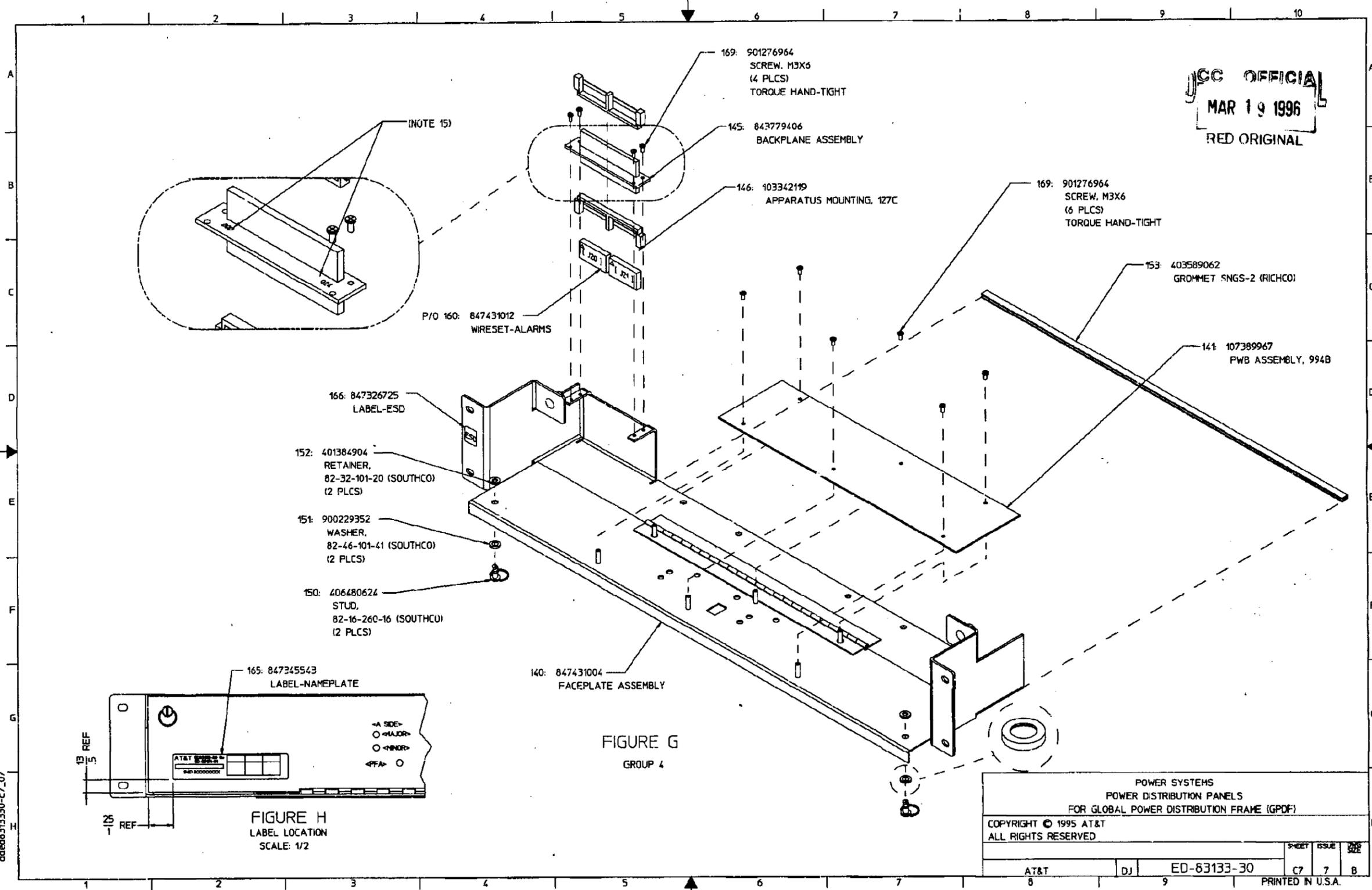


FIGURE F
GR 3

- P/O 102: 847320942
BUS BAR, INVOLT
BUS BAR "B"
- P/O 103: 847320959
BUS BAR, RETURN
BUS BAR "A"
- 123: 407218718
CAPACITOR, KS20133 L146,
42000 UF
(4 PLCS)
- 19: 847309192
BUSBAR ASSY, CAPACITOR
(4 PLCS)
- 124: 402669360
FUSE, AFJ30 (BUSSMANN)
(4 PLCS)
- 59: 901297861
SCREW, M6X12 (SEMS-TYPE)
(6 PLCS)
TORQUE TO 7 N-M
(62 IN-LBS)
- 102: 847320942
BUS BAR, INVOLT (SET)
- P/O 108: 402688857
FUSE BLOCK
TORQUE TO 7 N-M
(62 IN-LBS)
- 69: 901231472
LOCKWASHER, SPRING M6
(12 PLCS)
- 75: 901231456
WASHER, M6
(12 PLCS)
- 80: 901231464
NUT, HEX M6
(12 PLCS)
TORQUE TO 7 N-M
(62 IN-LBS)
- P/O 127: 847366515
WIRESET
- 53: 901276907
SCREW, M5X10
(8 PLACES)
(SEMS-TYPE)
TORQUE TO 3.4 N-M
(30 IN-LBS)

| | | | | | |
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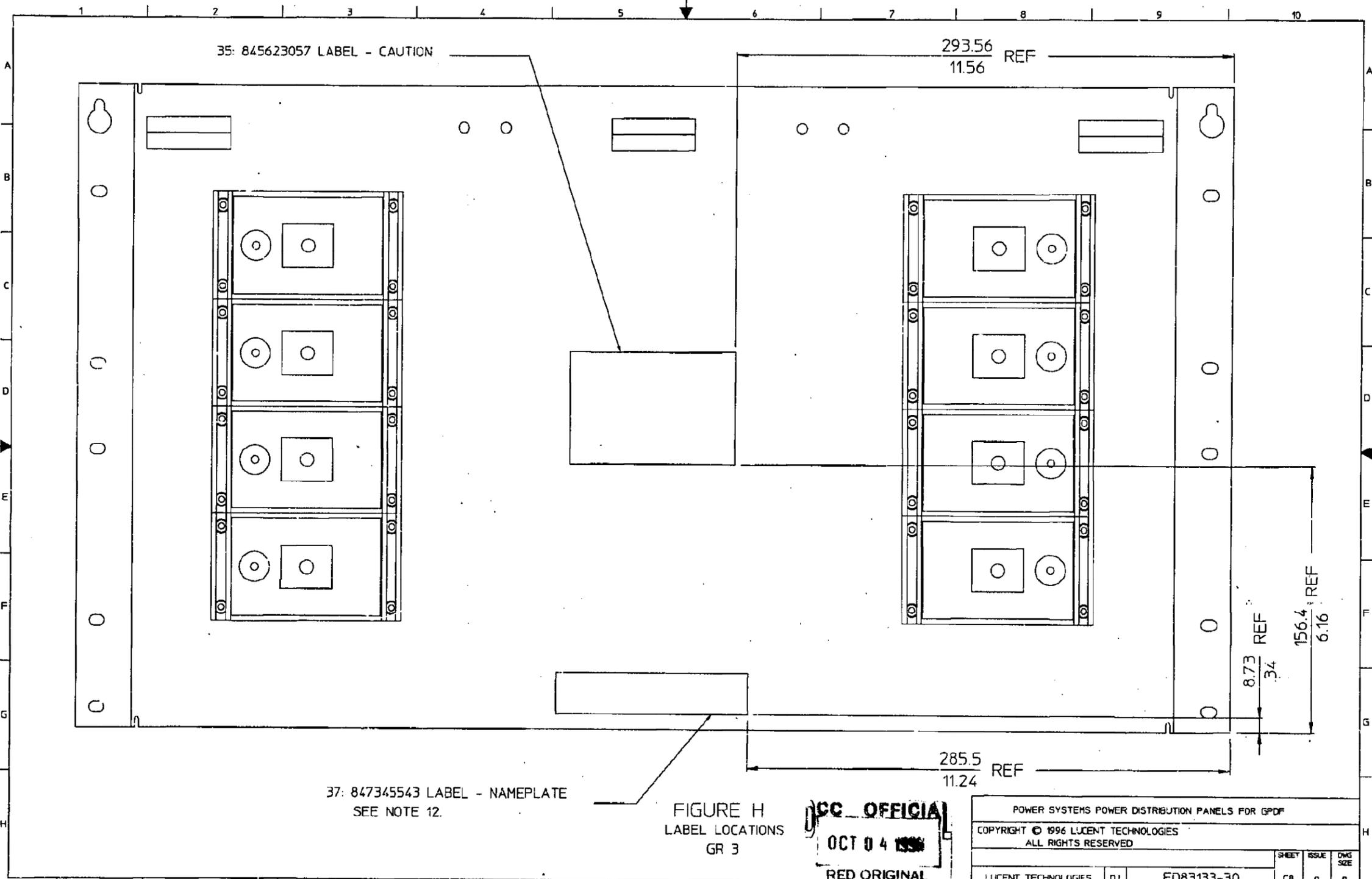
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35: 845623057 LABEL - CAUTION

293.56 REF
11.56

37: 847345543 LABEL - NAMEPLATE
SEE NOTE 12.

FIGURE H
LABEL LOCATIONS
GR 3

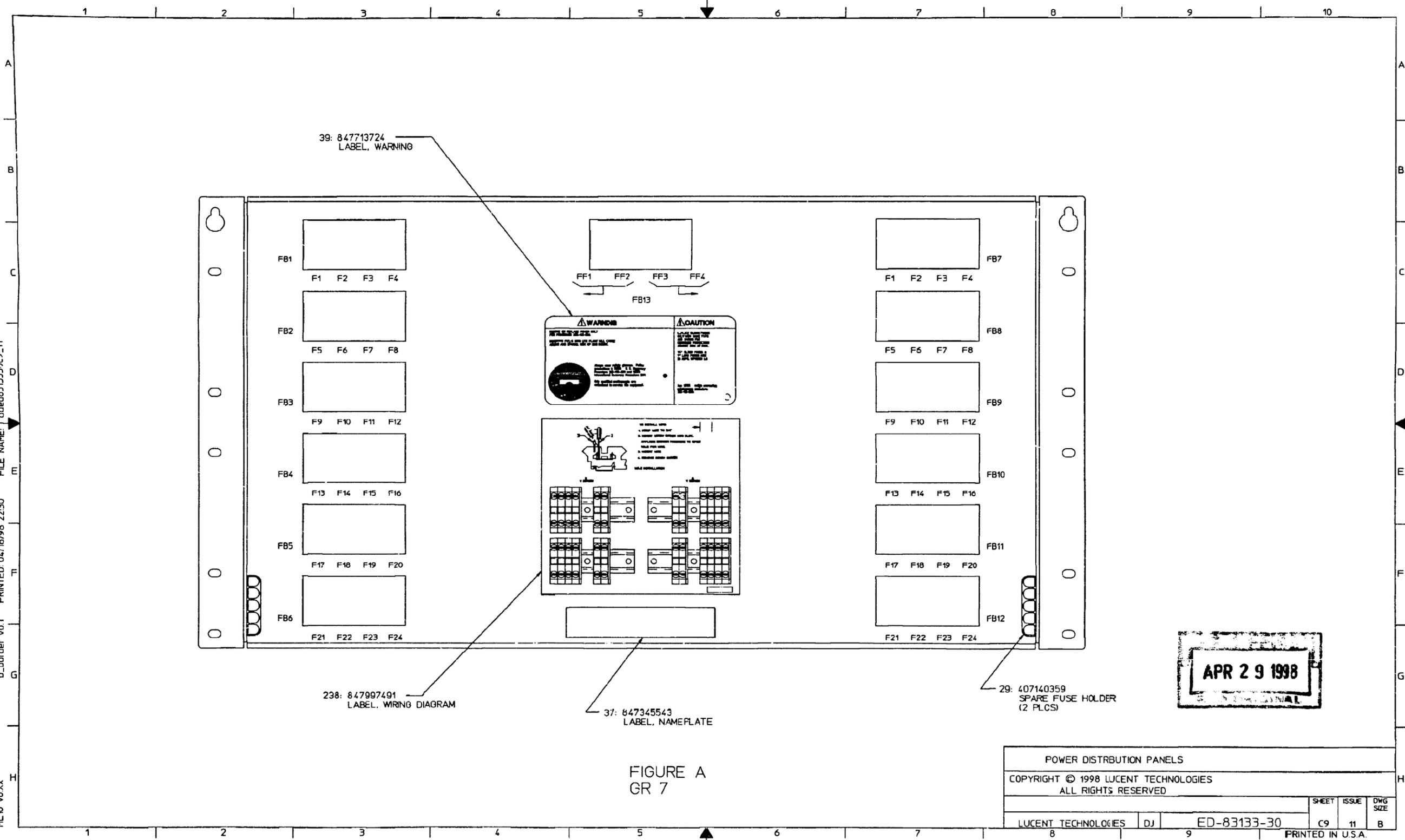
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8.73 REF
.34
156.4 REF
6.16

285.5 REF
11.24

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39: 847713724
LABEL, WARNING

238: 847997491
LABEL, WIRING DIAGRAM

37: 847345543
LABEL, NAMEPLATE

29: 407140359
SPARE FUSE HOLDER
(2 PLCS)

APR 29 1998

FIGURE A
GR 7

| | | | |
|---|----|-------------|---|
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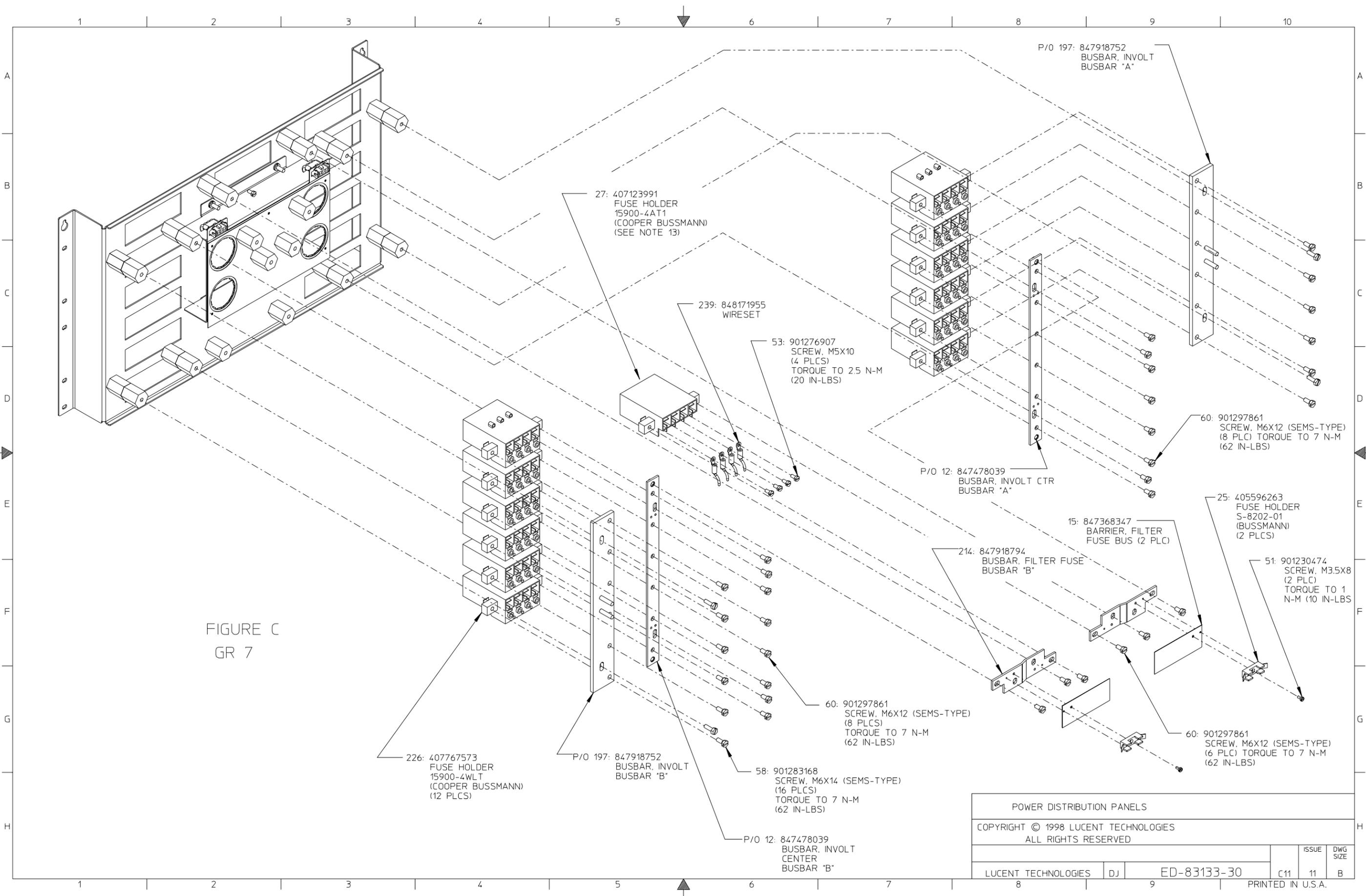


FIGURE C
GR 7

- 27: 407123991
FUSE HOLDER
15900-4AT1
(COOPER BUSSMANN)
(SEE NOTE 13)
- 239: 848171955
WIRESET
- 53: 901276907
SCREW, M5X10
(4 PLCS)
TORQUE TO 2.5 N-M
(20 IN-LBS)
- P/O 197: 847918752
BUSBAR, INVOLT
BUSBAR "A"
- 226: 407767573
FUSE HOLDER
15900-4WLT
(COOPER BUSSMANN)
(12 PLCS)
- P/O 197: 847918752
BUSBAR, INVOLT
BUSBAR "B"
- 58: 901283168
SCREW, M6X14 (SEMS-TYPE)
(16 PLCS)
TORQUE TO 7 N-M
(62 IN-LBS)
- P/O 12: 847478039
BUSBAR, INVOLT
CENTER
BUSBAR "B"
- 60: 901297861
SCREW, M6X12 (SEMS-TYPE)
(8 PLCS)
TORQUE TO 7 N-M
(62 IN-LBS)
- 60: 901297861
SCREW, M6X12 (SEMS-TYPE)
(6 PLC) TORQUE TO 7 N-M
(62 IN-LBS)
- 214: 847918794
BUSBAR, FILTER FUSE
BUSBAR "B"
- 15: 847368347
BARRIER, FILTER
FUSE BUS (2 PLC)
- 25: 405596263
FUSE HOLDER
S-8202-01
(BUSSMANN)
(2 PLCS)
- 51: 901230474
SCREW, M3.5X8
(2 PLC)
TORQUE TO 1
N-M (10 IN-LBS)
- P/O 12: 847478039
BUSBAR, INVOLT CTR
BUSBAR "A"
- 60: 901297861
SCREW, M6X12 (SEMS-TYPE)
(8 PLC) TORQUE TO 7 N-M
(62 IN-LBS)

| | | | |
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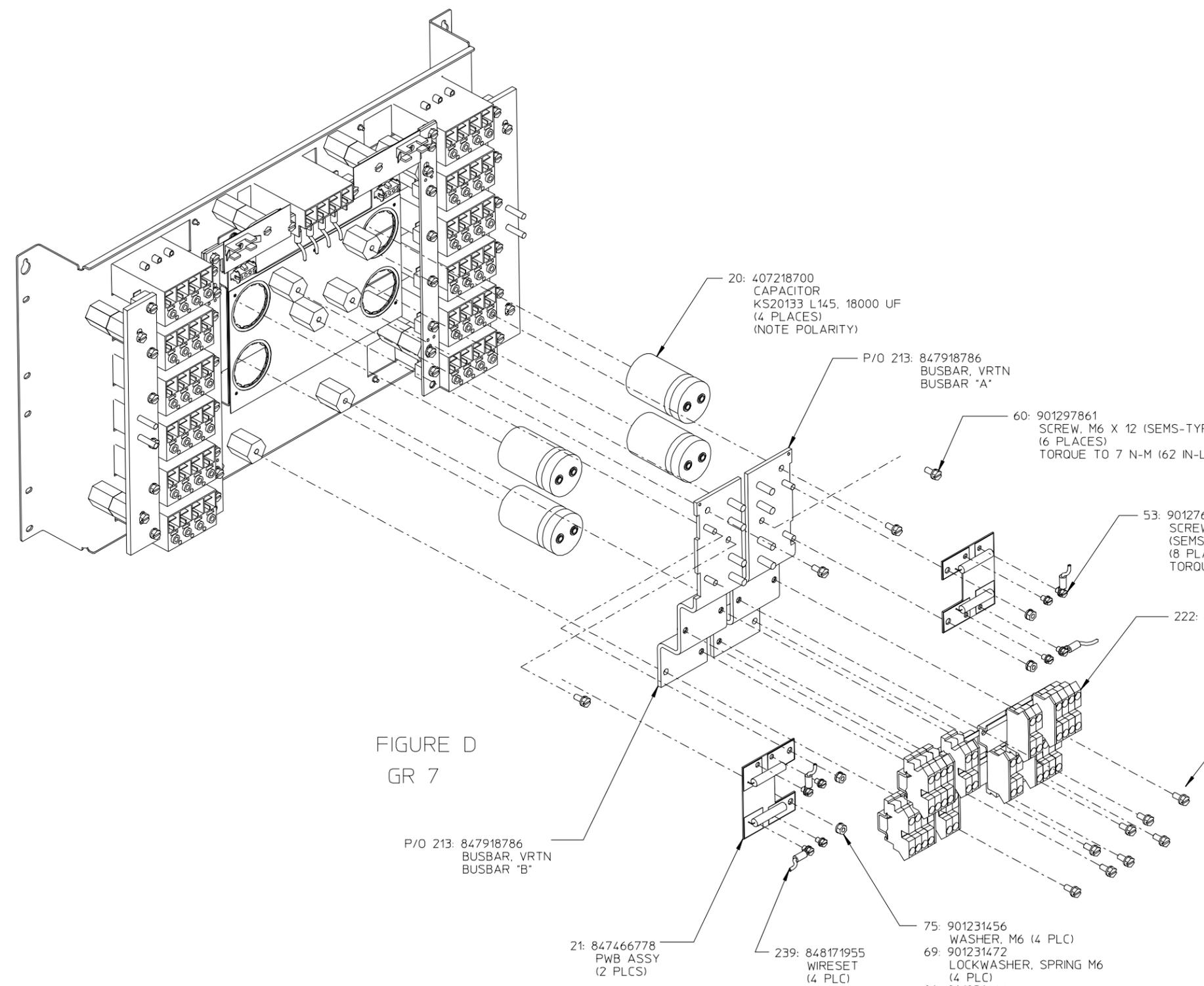


FIGURE D
GR 7

- 20: 407218700
CAPACITOR
KS20133 L145. 18000 UF
(4 PLACES)
(NOTE POLARITY)
- P/O 213: 847918786
BUSBAR, VRTN
BUSBAR 'A'
- 60: 901297861
SCREW, M6 X 12 (SEMS-TYPE)
(6 PLACES)
TORQUE TO 7 N-M (62 IN-LBS)
- 53: 901276907
SCREW, M5 X 10
(SEMS-TYPE)
(8 PLACES)
TORQUE TO 4 N-M (35 IN-LBS)
- 222: 847836350
CAGE CLAMP TERMINAL
BLOCK SET
(2 PIECES PER SET)
(2 PLCS)
- 58: 901283168
SCREW, M6X14
(8 PLCS)
- 75: 901231456
WASHER, M6 (4 PLC)
- 69: 901231472
LOCKWASHER, SPRING M6
(4 PLC)
- 80: 901231464
NUT, HEX M6 (4 PLC)
TORQUE TO 7 N-M (62 IN-LBS)
- 239: 848171955
WIRESET
(4 PLC)
- 21: 847466778
PWB ASSY
(2 PLCS)
- P/O 213: 847918786
BUSBAR, VRTN
BUSBAR 'B'

| | | |
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| STOCKLIST | | | | | | | | |
|-----------|------------|------------------|-------------------------|-----------|-------------------------------------|----------|-----------|----|
| ITEM | A GROUP | B QTY/ GRP | C IDENTIFICATION NO. | | E DESCRIPTION | F REF | G NOTE | |
| | | | COMCODE | DRAWING | | | SYM | NO |
| A 150 | 4 | 2 | 406480624 | | STUD, 82-16-260-16 (SOUTHCO) | | | |
| 151 | 4 | 2 | 900229352 | | WASHER, 82-46-101-41 (SOUTHCO) | | | |
| 152 | 4 | 2 | 401384904 | | RETAINER, 82-32-101-20 (SOUTHCO) | | | |
| 153 | 4 | 1.5 | 403589062 | | GROMMET SNGS-2 (RICHCO) | | | 10 |
| B 159 | 4 | 1 | 847275377 | | WIRESET- POWER | NOTE 15 | X | |
| 160 | 4 | 1 | 847431012 | 847431012 | WIRESET- ALARMS | | | |
| 161 | 4 | 5 | 400681615 | | CABLE TIE | | | 17 |
| C 166 | 4 | 1 | 847326725 | 847326725 | LABEL- ESD | | | |
| 169 | 4 | 10 | 901276964 | | SCREW, M3X6 | | | |
| D 172 | 4 | 4 | 901078717 | | SCREW, 12-24X5/8 HHSWT | | X | 11 |
| 173 | 4 | 4 | 901271031 | | SCREW, M6X16 HHSWT | | X | 11 |
| 174 | 4 | 2 | 406747535 | | FUSE, WP91768 L108 3 AMPS | | X | 14 |
| 175 | 4 | 2 | 804236362 | | WASHER, EXT TOOTH .25 | | X | |
| 176 | 4 | 1 | 997637111 | | TERMINAL LUG, D71 (T&B) | | X | 20 |
| E 193 | 7 | 1 | 848154035 | | MARKED PANEL ASSEMBLY | | | |
| 195 | 7 | 1 | 847918760 | | CAPACITOR SUPPORT ASSEMBLY | | | |
| 197 | 7 | 1 | 847918752 | | BUSBAR, INVOLT (SET) | | | |
| G 213 | 7 | 1 | 847918786 | | BUSBAR, VRTN (SET) | | | |

| STOCKLIST | | | | | | | | |
|-----------|------------|------------------|-------------------------|---------|----------------------------------|----------|-----------|----|
| ITEM | A GROUP | B QTY/ GRP | C IDENTIFICATION NO. | | E DESCRIPTION | F REF | G NOTE | |
| | | | COMCODE | DRAWING | | | SYM | NO |
| 214 | 7 | 1 | 847918794 | | BUSBAR, FILTER FUSE (SET) | | | |
| B 222 | 7 | 2 | 847836350 | | CAGE CLAMP TERMINAL BLOCK | | | |
| 226 | 7 | 12 | 407767573 | | FUSE HOLDER, 15900-4WLT (USD) | | | |
| D 238 | 7 | 1 | 847997491 | | LABEL, WIRING DIAGRAM | | | |
| 239 | 7 | 1 | 848171955 | | WIRESET | | | |

| STOCKLIST | | | | | | | | |
|-----------|------------|------------------|-------------------------|---------|------------------|----------|-----------|----|
| ITEM | A GROUP | B QTY/ GRP | C IDENTIFICATION NO. | | E DESCRIPTION | F REF | G NOTE | |
| | | | COMCODE | DRAWING | | | SYM | NO |

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