

| TABLE A-FEATURES | | | | | | | | | | | |
|---|----------|---------------------------|---------------|-----|----------------------|------------|-----|-----|---------------|-----|-----|
| EQUIPMENT | | EQUIPMENT OR CIRCUIT DATA | | | | | | | SD EQUIVALENT | | |
| DESCRIPTION | REF NOTE | RAT-ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| HARDWARE ASSEMBLY AND WIRING REQUIRED TO PROVIDE AC TO THE FRAME SUPPORTED LIGHTS AND FRAME BASE APPLIANCE OUTLETS FOR THE BASIC NO. 5 ESS EQPT CONSISTING OF TWO NINE BAY LINE UPS. FE/RA:NONE DA EFF:11/07/96 | | DA | 1 | | T4C003-11 | 3,E | | | | | |
| HARDWARE ASSEMBLY REQUIRED TO SUPPORT LIGHT FIXTURES FROM TWO NO. 5 ESS CABINET LINEUPS. | | | 2 | | T4C003-11 | 3,E | | | | | |
| HARDWARE REQUIRED TO SUPPORT LIGHT FIXTURES FROM A SINGLE NO. 5 ESS CABINET LINEUP. FE/RA:NONE DA EFF:11/07/96 | | DA | 3 | | T4C003-11 | 3,E | | | | | |
| MATERIAL REQUIRED TO FASTEN LIGHT FIXTURES TO LIGHTING SUPPORT. FE/RA:NONE DA EFF:11/07/96 | | DA | 4 | | | | | | | | |
| MATERIAL REQUIRED TO FURNISH PULL BOX AND APPLIANCE OUTLET RISERS FOR TWO NO. 5 ESS CABINET LINEUPS. FE/RA:NONE DA EFF:11/07/96 | | DA | 5 | | | | | | | | |
| ROCKER SWITCH (SNAP-IN) AND ASSOCIATED DETAILS. FE/RA:NONE DA EFF:11/07/96 | | DA | 6 | | T4C003-11 | 4 | | | | | |
| OUTLET BOX ASSEMBLY EQUIPPED WITH ONE RR-7 RELAY AND RT-1 TRANSFORMER FOR 120V. | | | 7 | | T4C003-11 | 8,9 | | | | | |
| OUTLET BOX ASSEMBLY EQUIPPED WITH ONE RR-7 RELAY AND RT-2 TRANSFORMER FOR 277V. FE/RA:NONE DA EFF:11/07/96 | | DA | 8 | | T4C003-11 | 8,9 | | | | | |

TABLE-A CONTINUED

ENGINEERING NOTES

- FURNISH ALL NECESSARY WIRE AND ASSOC. EQUIPMENT TO SUIT JOB CONDITIONS.
- ALL WIRES USED FOR AC DIST SHALL BE KS-22641 THHN #12 AWG SOLID IN APPROPRIATE COLORS UNLESS OTHERWISE SPECIFIED.
- WHEN 3 PHASE 208/240V AC COMMERCIAL POWER IS PROVIDED COLOR CODE OF BRANCH CIRCUIT WIRES SHOULD BE SELECTED TO INDICATE PHASE.
- PROVIDE APPLIANCE OUTLET ADD BASE COVERS AS REQUIRED PER ED-1A157-73.
- FOR POWER DISTRIBUTION CIRCUIT,SEE T-4C003-11.
- SEE ED-1A184-78 FOR CABLE RACK AND HARDWARE.
- ELECTRICAL HARDWARE MAY BE SUBSTITUTED WHERE REQUIRED WITH APPROVED EQUIVALENT HARDWARE.
- PROVIDE LIGHTING FIXTURES AS REQUIRED PER ED-4C012-12.
- THE ENGINEER SHALL ORDER THE NECESSARY 843057324 LIGHTING SUPPORT BRACKETS WITH 'A' DIMENSION AS REQUIRED. THE 'A' DIMENSION IS THE NOMINAL WIRING AISLE WIDTH. TYPICALLY 2'-3".
- CONDUITS ASSOCIATED WITH GROUP 5 MUST BE GROUNDED AT GROUNDED WINDOW BEFORE COMING IN CONTACT WITH ESS FRAMEWORK, REFER TO ED-5D022-10.
- ALTERNATE END FIXTURES IN ALL MAINTENANCE AISLES SHALL BE LOW INTENSITY LIGHTING CONTROLLED BY A 24V SWITCH ON THE END GUARD OF THE LINEUP NEAREST TO THE SWITCHROOM PRINCIPAL ENTRANCE, OR THE END GUARD NEAREST TO THE CONVENIENT MAIN CROSS AISLE OF THE MAINTENANCE CENTER. THE WALL MTD LOW INTENSITY SWITCH SHALL BE USED ONLY AT THE REQUEST OF THE TEL. CO.
- A SINGLE NO. 12 AWG GREEN INSULATED AC EG CONDUCTOR SHALL BE EXTENDED FROM THE PANELBOARD ENCLOSURE (OR AC EG BUS, IF PROVIDED) THROUGH EACH WIREWAY PROVIDED FOR BRANCH CIRCUIT DISTRIBUTION TO FLUORESCENT LIGHTING FIXTURES. AT EACH POINT ON THE WIREWAY WHERE A BRANCH CIRCUIT IS EXTENDED FROM THE WIREWAY IN CONDUIT TO A FIXTURE LINE, THE AC EG CONDUCTOR SHALL BE TRAPPED AND A BRANCH CONDUCTOR SHALL BE EXTENDED TO THE FIXTURE LINE. AT EACH POINT OF BRANCHING, THE AC EG CONDUCTOR SHALL BE BONDED TO THE WIREWAY (T & B CAT. 3870 1/2" GROUNDING & BONDING BUSHING OR EQUIV.) THE AC EG CONDUCTOR SHALL BE EXTENDED THROUGH EACH FIXTURE IN THE LINE TAPPED AND CONNECTED TO EACH FIXTURE ENCLOSURE. THE MAIN AC EG CONDUCTOR SHALL BE CONNECTED TO THE WIREWAY AT EVERY POINT OF EMISSION OF ANY BRANCH CIRCUIT REGARDLESS OF WHETHER OR NOT THE BRANCH CIRCUIT CONTAINS AN AC EG CONDUCTOR.

| ISSUE NOTES | | | | |
|---|-----------|--------------------|---------------------|-------------------|
| ORIG ISS: 07/01/81 | | CHANGE CLASS: | | |
| DRAFT: JRP | ENGR: ENG | SUPV: RSZ | VAULT: 07/01/81 | ISSUE: 1 |
| IN SL, ITEMS 1010-1120,1140-1160,1180 & 1190 QTY'S WERE 1,2,2,2,4,4,2,4,4,6,1, 8,4,2,4,4 RESP. ITEMS 1130,1170,1200 & 1210 RMVD; ITEMS 1290-1320 ADDED. | | | | |
| AT&T CL: D | | ORIG ISS: 07/01/81 | | WECO CL: D |
| DRAFT: JRP | ENGR: ENG | SUPV: | VAULT: 01/11/82 | ISSUE: 2 |
| GROUPS 2 THRU 11 ADDED; NOTES 59,60 & 61 ADDED. FIGS 5,6,7,8,9,10,11,12,13,14 & 15 ADDED. DRAWING PARTITIONED. | | | | |
| AT&T CL: NONE | | ORIG ISS: 07/01/81 | | NDD NBR: 5D072IH2 |
| DRAFT: MJB | ENGR: RJC | SUPV: | VAULT: 04/19/82 | ISSUE: 3 |
| IN SL GRP 5, 4 X 4 PULL BOX ADDED. SH B4 4 X 4 PULL BOX ADDED. SH C1 VIEW C1-C1 AND C2-C2 ADDED. | | | | |
| AT&T CL: NONE | | ORIG ISS: 07/01/81 | | WECO CL: B |
| DRAFT: MJB | ENGR: RJC | SUPV: | VAULT: 12/15/82 | ISSUE: 4 |
| NOTE 62 ADDED. FIG. 16 ADDED. IN SL ITEM 1760 READ '101049070'. ITEM 1930 READ '900450289'. | | | | |
| AT&T CL: NONE | | ORIG ISS: 07/01/81 | | WECO CL: B |
| DRAFT: JMS | ENGR: RJC | SUPV: | VAULT: 08/02/83 | ISSUE: 5 |
| ----- * DRAWING CONVERTED FROM SEDBS TO MDS COMPUTER SYSTEMS. * * THIS IS A MACHINE COPY OF THE LATEST SEDBS CERTIFIED ISSUE * * AND MAY CONTAIN MINOR DIFFERENCES. THE TABLE OF ASSOCIATED * * DRAWINGS WAS ELIMINATED DURING MIGRATION TO ASSIST THE * * SCRUBBING OF PROPRIETARY INFORMATION. * ----- LIST OF ASSOCIATED DRAWING TABLE CORRECTED. | | | | |
| ORIG ISS: 07/01/81 | | CHANGE CLASS: D | | |
| DRAFT: DJP | ENGR: RJC | SUPV: | CERTIFIED: 01/24/86 | ISSUE: 6 |
| SL ITEM 1870 LINED OUT. TBL. A, GRP. 9,10 & 11 READ OUTLET BOX. SL ITEM 1840 READ 402165187,ITEM 1850 READ 402148860,ITEM 1860 READ 402165179. | | | | |
| ORIG ISS: 07/01/81 | | CHANGE CLASS: MF | | |
| DRAFT: PKK | ENGR: RLG | SUPV: | CERTIFIED: 10/31/90 | ISSUE: 7 |
| PROPRIETARY NOTICE CODE WAS 02. IN TABLE A: GROUPS 2,7,10, & 11 WERE RATED "STD"; GROUP 1 RATED "DA", WAS RATED "A&M"; GROUPS 3-6, 8 & 9 RATED "DA", WERE "STD". IN STOCKLIST: ITEM NUMBERS 1190,1240,1260,1370,1500,1640,1670, 1700,1720,1730,1900, & 1970 LINED OUT; ITEM NUMBERS 1195,1245, 1265,1375,1505,1645,1675,1705,1725,1735,1905 ADDED. | | | | |
| ORIG ISS: 07/01/81 | | CHANGE CLASS: ME | | |
| DRAFT: EJZ | ENGR: EJZ | SUPV: EJZ | CERTIFIED: 11/07/96 | ISSUE: 8 |

| SHEET INDEX | | | | | | | | | | | |
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| SHT NBR | A1 THRU A2 | | | | | | | | | | |
| ISSUE | ISSUE 8 | | | | | | | | | | |
| SHT NBR | D1 THRU D3 | | | | | | | | | | |
| ISSUE | ISSUE 8 | | | | | | | | | | |
| SHT NBR | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | B10 | B11 |
| ISSUE | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 3 | 5 |
| SHT NBR | B12 | | | | | | | | | | |
| ISSUE | 5 | | | | | | | | | | |
| SHT NBR | C1 | | | | | | | | | | |
| ISSUE | 5 | | | | | | | | | | |
| SHT NBR | | | | | | | | | | | |
| ISSUE | | | | | | | | | | | |
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| C SECTION GRAPHICS | C1 |
| MANUFACTURING NOTES | D1 |
| STOCKLIST | D1 |

| LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS | | | |
|---|----|---|----|
| | | RT13 | |
| | | 5ESS SWITCHING EQUIPMENT SPECIFICATION FOR AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING FOR AC POWER AND LIGHTING | |
| DWG SIZE | C2 | ISSUE | 8 |
| LUCENT TECHNOLOGIES INC | | ED5D072-30 | |
| | | SHEET | A1 |
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ED5D072-30

TABLE A-FEATURES (CONTINUED)

| EQUIPMENT | | EQUIPMENT OR CIRCUIT DATA | | | | | | | SD EQUIVALENT | | |
|--|----------|---------------------------|---------------|-----|----------------------|------------|-----|-----|---------------|-----|-----|
| DESCRIPTION | REF NOTE | RAT-ING | LIST OR GROUP | QTY | EQUIPMENT OR CIRCUIT | L/G OR FIG | WRG | APP | SCHEMATIC | FIG | OPT |
| RELAY BOX ASSEMBLY EQUIPPED WITH 5 RR-7 24V RELAYS, ONE RA-16 RECTIFIER & TWO TERM STRIPS, ONE RT-1 TRANSFORMER FOR 120V. FE/RA:NONE DA EFF:11/07/96 | | DA | 9 | | T4C003-11 | 3 | | | | | |
| RELAY BOX ASSEMBLY EQUIPPED WITH 5 RR-7 24V RELAYS, ONE RA-16 RECTIFIER & TWO TERM STRIPS, ONE RT-2 TRANSFORMER FOR 277V. | | | 10 | | T4C003-11 | 3 | | | | | |
| RELAY BOX ASSEMBLY EQUIPPED WITH 5 RR-7 24V RELAYS, ONE RA-16 RECTIFIER & TWO TERM STRIPS W/O TRANSFORMER. | | | 11 | | T4C003-11 | 3A | | | | | |
| END OF TABLE-A | | | | | | | | | | | |

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
AC POWER DISTRIBUTION
HARDWARE ASSEMBLY AND WIRING
FOR AC POWER AND LIGHTING

DWG SIZE
C2

ISSUE
8

ED5D072-30

LUCENT TECHNOLOGIES INC ED5D072-30

SHEET A2
OF 18

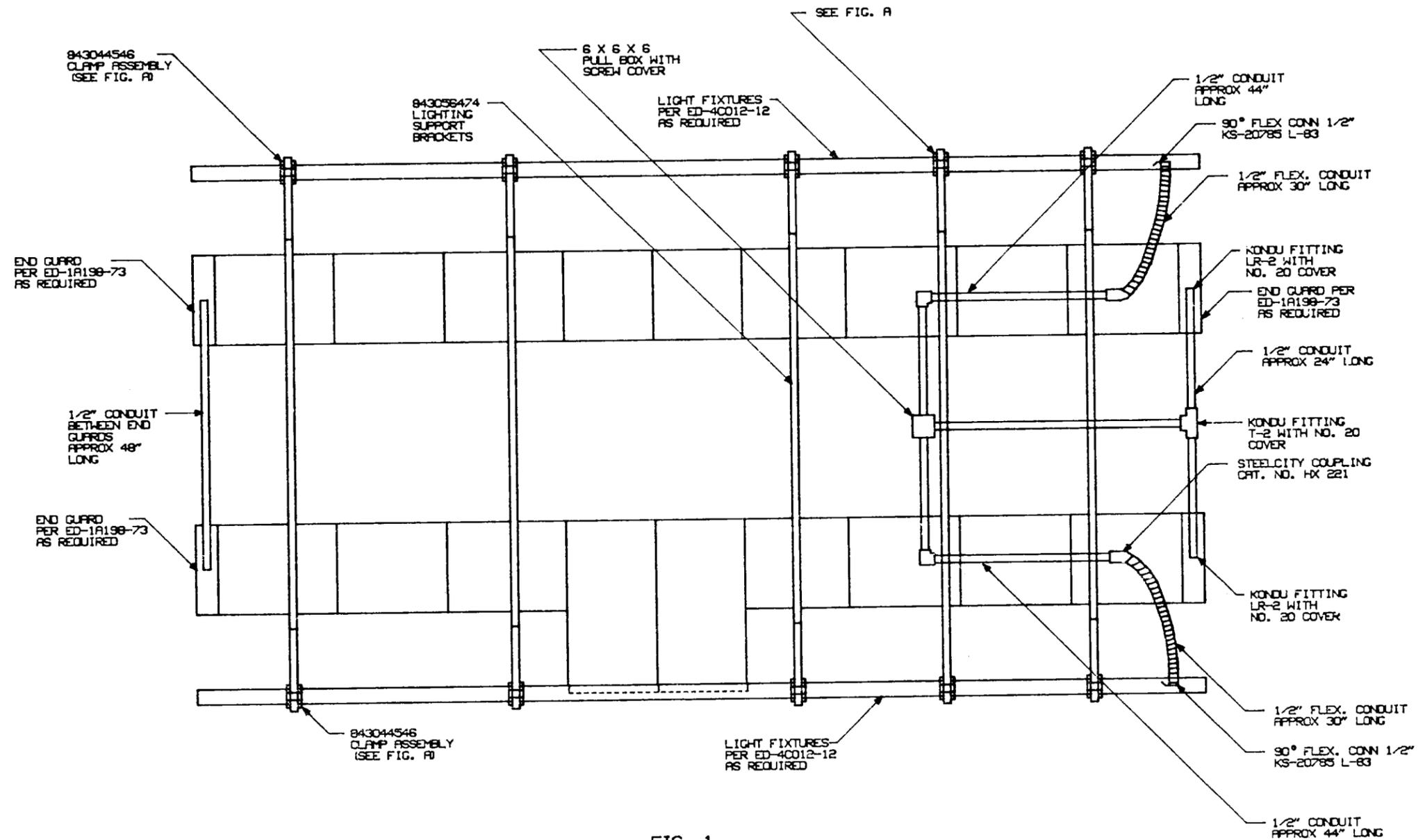


FIG. 1

BEST AVAILABLE D.P.

| ISSUE | | | | | | | | | | |
|---------|-----|-----|-----|----|----|----|----|----|----|--|
| SH. NO. | 1 | 5 | 3 | | | | | | | |
| SH. NO. | B10 | B11 | B12 | | | | | | | |
| ISSUE | 5 | 3 | 3 | 4 | 3 | 4 | 3 | 1 | 1 | |
| SH. NO. | B1 | B2 | B3 | B4 | B5 | B6 | B7 | B8 | B9 | |

ED-50072-30

| | | | |
|---|-------------|-----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG. SIZE C2 | ISSUE 5 |
| WESTERN ELECTRIC | ED-50072-30 | SHEET B1 | |

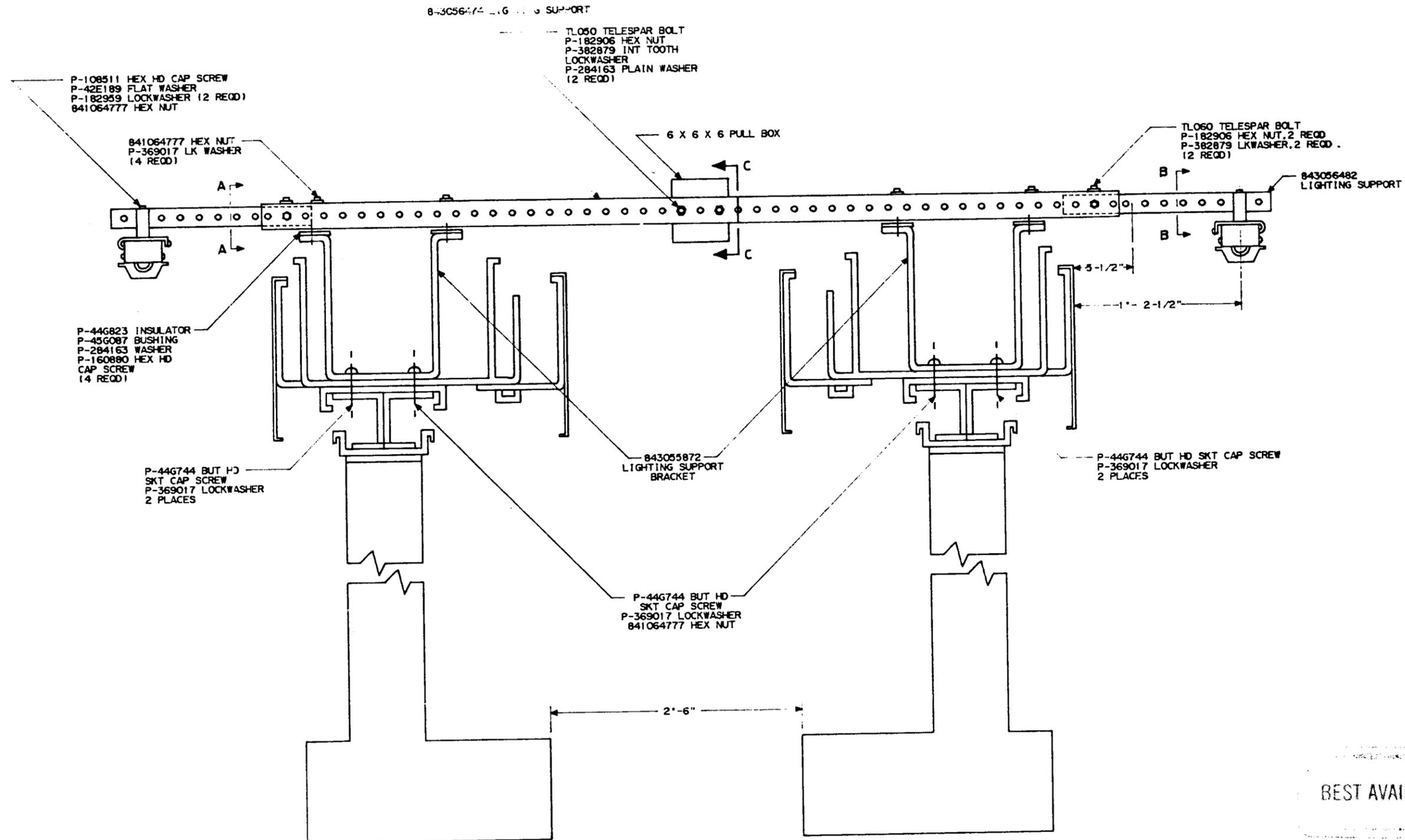


FIG. 2

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET B2 | |

KONDU FITTING
LR-2 WITH NO. 20
COVER

TLO50 TELESAR BOLT
P-182906 HEX NUT
P-382879 INT TOOTH
LOCKWASHER
P-284163 PLAIN WASHER

KONDU FITTING
LR-2 WITH NO. 20
COVER

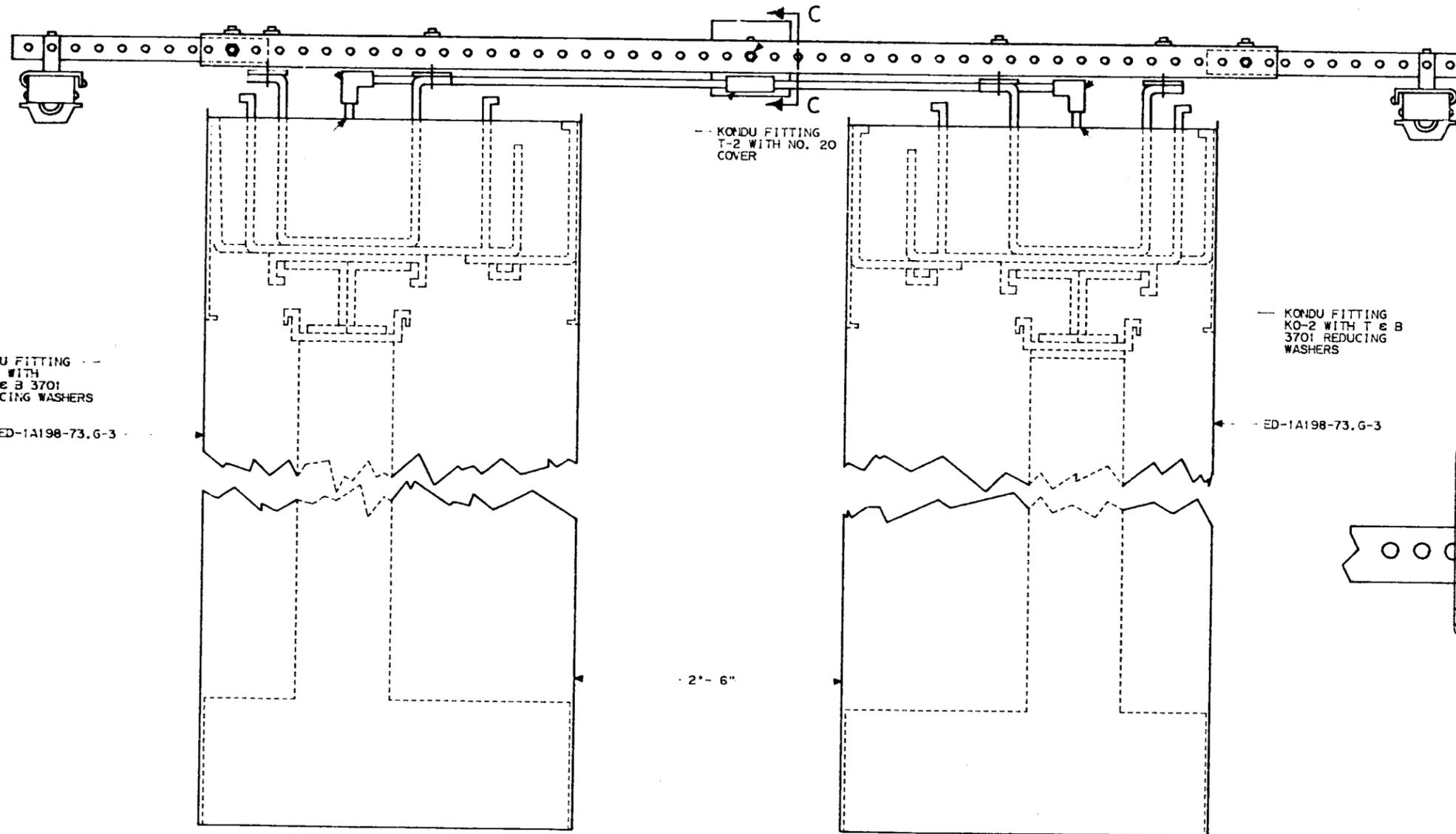


FIG. 3

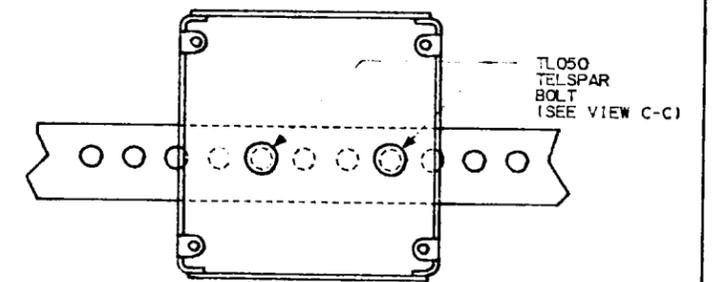


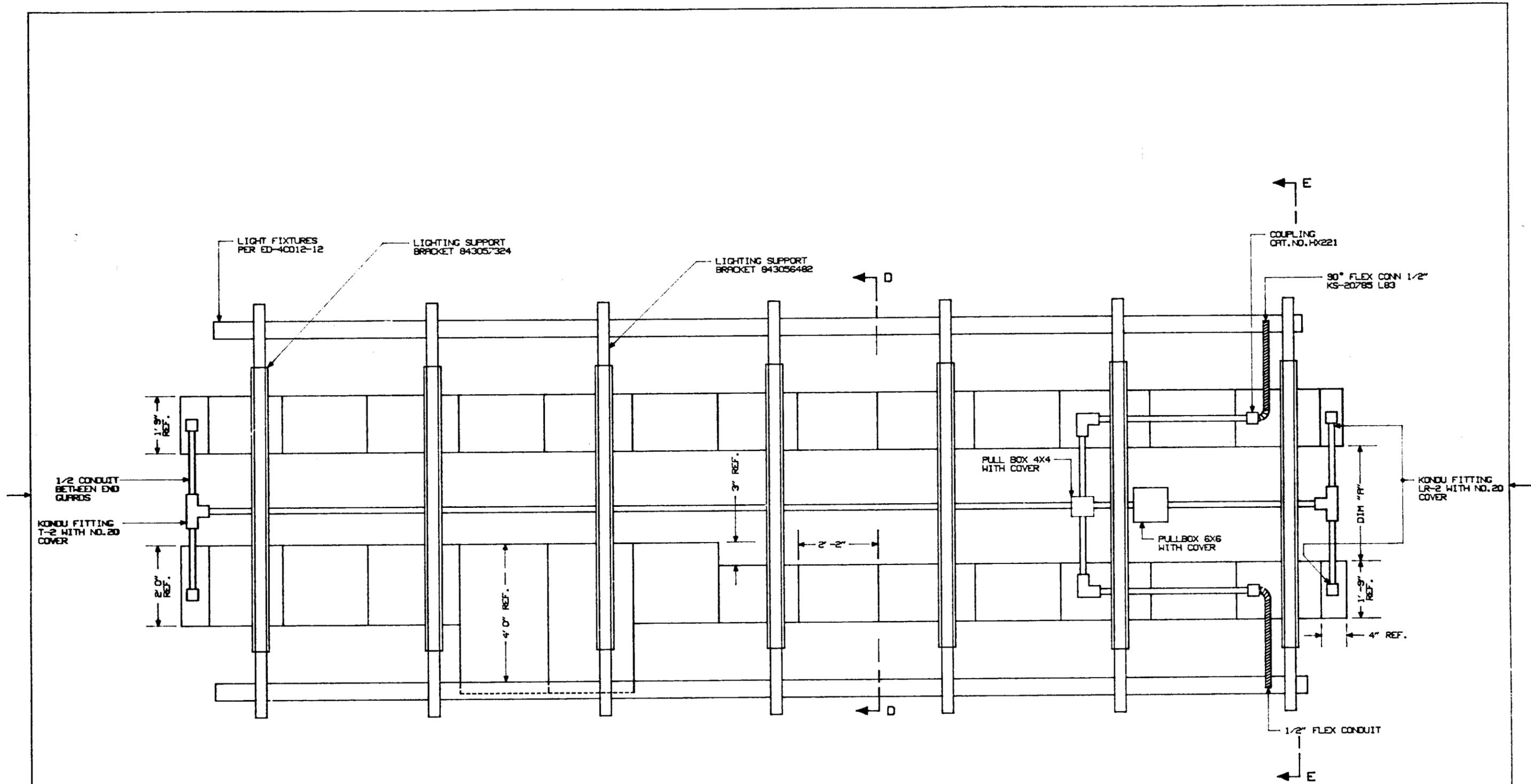
FIG. 4

BEST AVAILABLE D.P.

ED-5D072-30

| | | | |
|---|-------------|-------------------|-------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE | ISSUE |
| | | 6S | 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET | B3 |
| | | PRINTED IN U.S.A. | |

WESTERN ELECTRIC



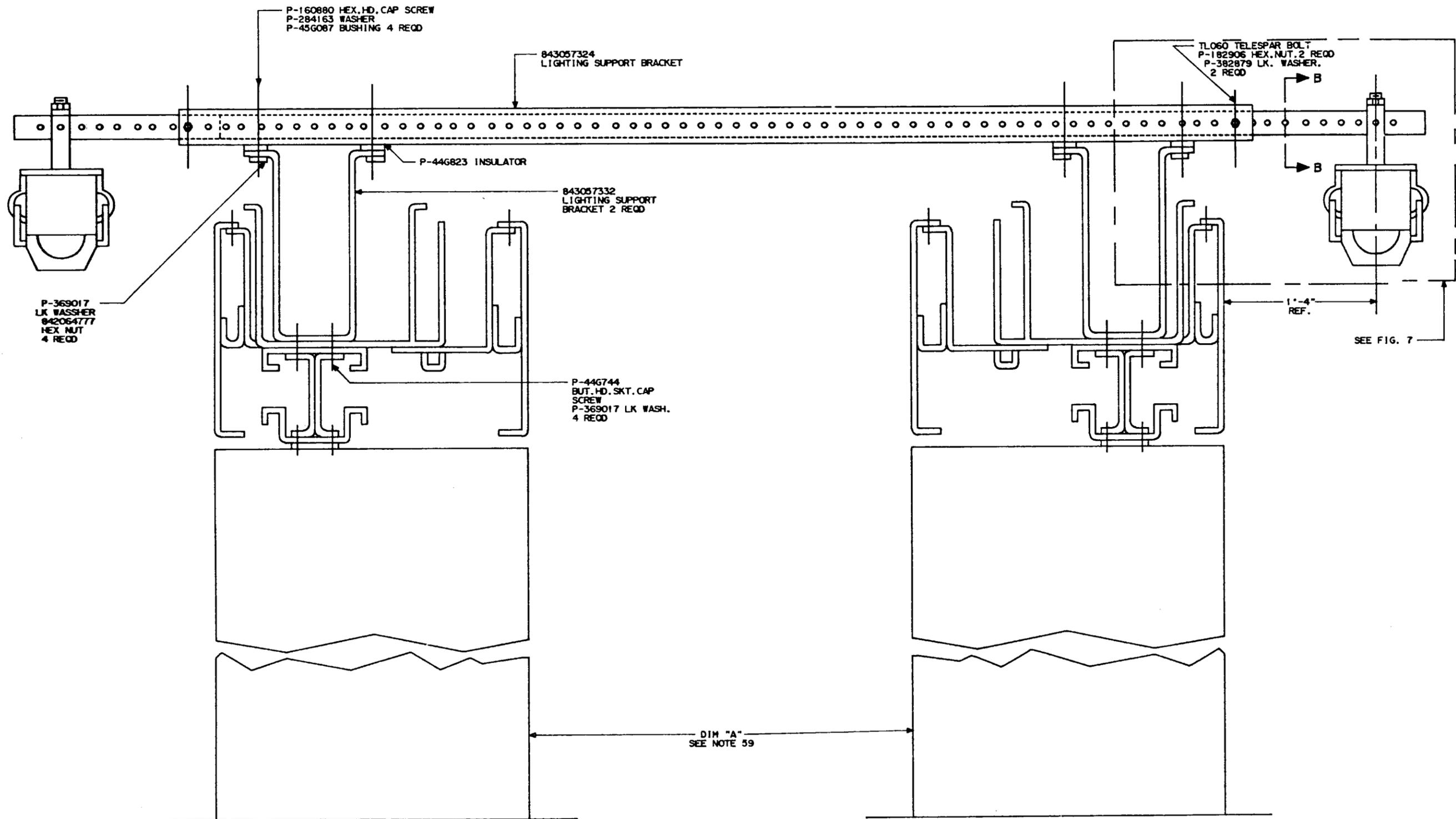
NO. 5 ESS CABINET LIGHTING AND APPLIANCE OUTLET PLAN TWO LINEUP SYSTEM

FIG. 5

BEST AVAILABLE D.P.

| | | | |
|---|-------------|----------|-------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE | ISSUE |
| | | C2 | 4 |
| WESTERN ELECTRIC | ED-50072-30 | | SHEET |
| | | | B4 |

ED-50072-30



P-160880 HEX. HD. CAP SCREW
 P-284163 WASHER
 P-456087 BUSHING 4 REQD

843057324
 LIGHTING SUPPORT BRACKET

TLO60 TELESPAR BOLT
 P-182906 HEX. NUT, 2 REQD
 P-382879 LK. WASHER,
 2 REQD

P-446823 INSULATOR

843057332
 LIGHTING SUPPORT
 BRACKET 2 REQD

P-369017
 LK WASHER
 842064777
 HEX NUT
 4 REQD

P-446744
 BUT. HD. SKT. CAP
 SCREW
 P-369017 LK WASH.
 4 REQD

1'-4"
 REF.

SEE FIG. 7

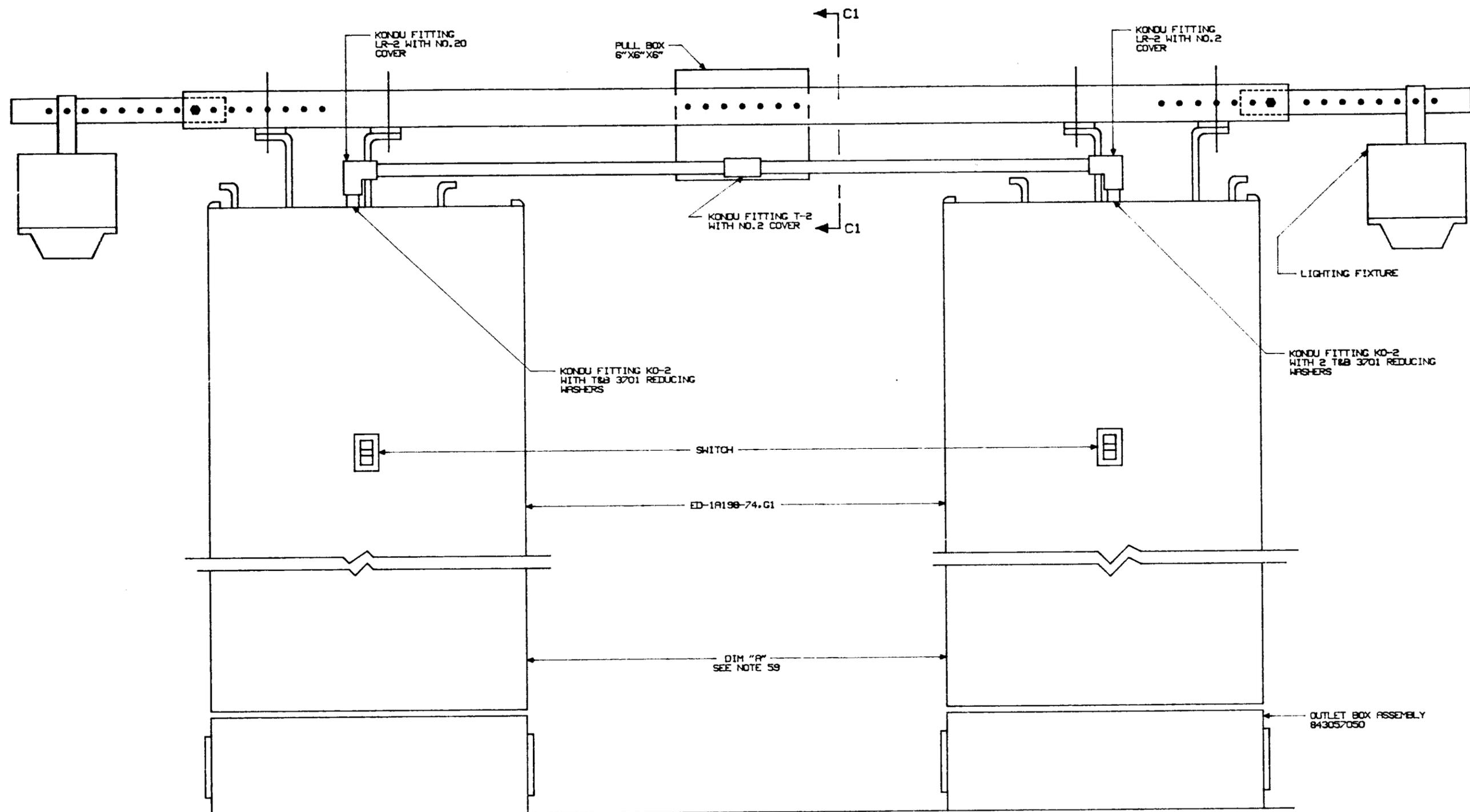
DIM "A"
 SEE NOTE 59

SECT D-D
 TYPICAL LIGHTING SUPPORT
 (GROUP 2)

BEST AVAILABLE D.P.

ED-5D072-30

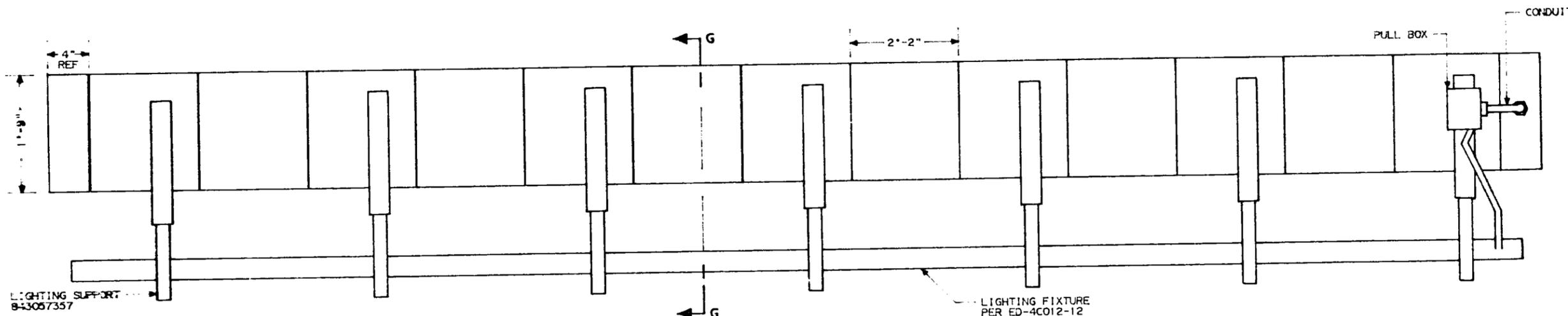
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|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET 85 | |



VIEW E-E
 PULL BOX AND APPLIANCE
 OUTLET RISER
 GROUP 5

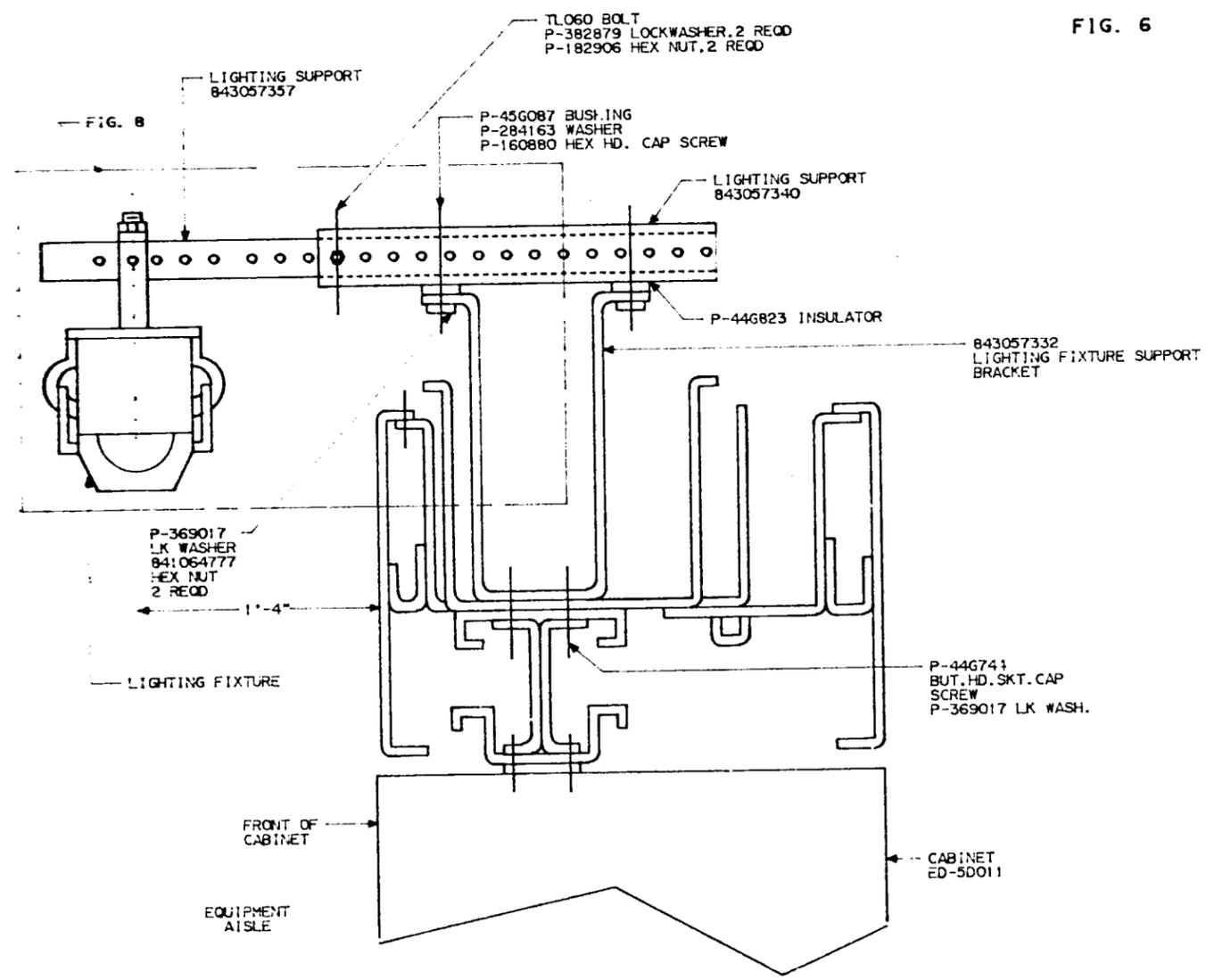
BEST AVAILABLE D.P.

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE C2 | ISSUE 4 |
| WESTERN ELECTRIC | ED-50072-30 | SHEET B6 | |



SINGLE LINE UP LIGHTING PLAN
NO. 5 ESS CABINETS

FIG. 6



ED-5D072-30

SECT G-G

BEST AVAILABLE D.P.

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET B7 | |

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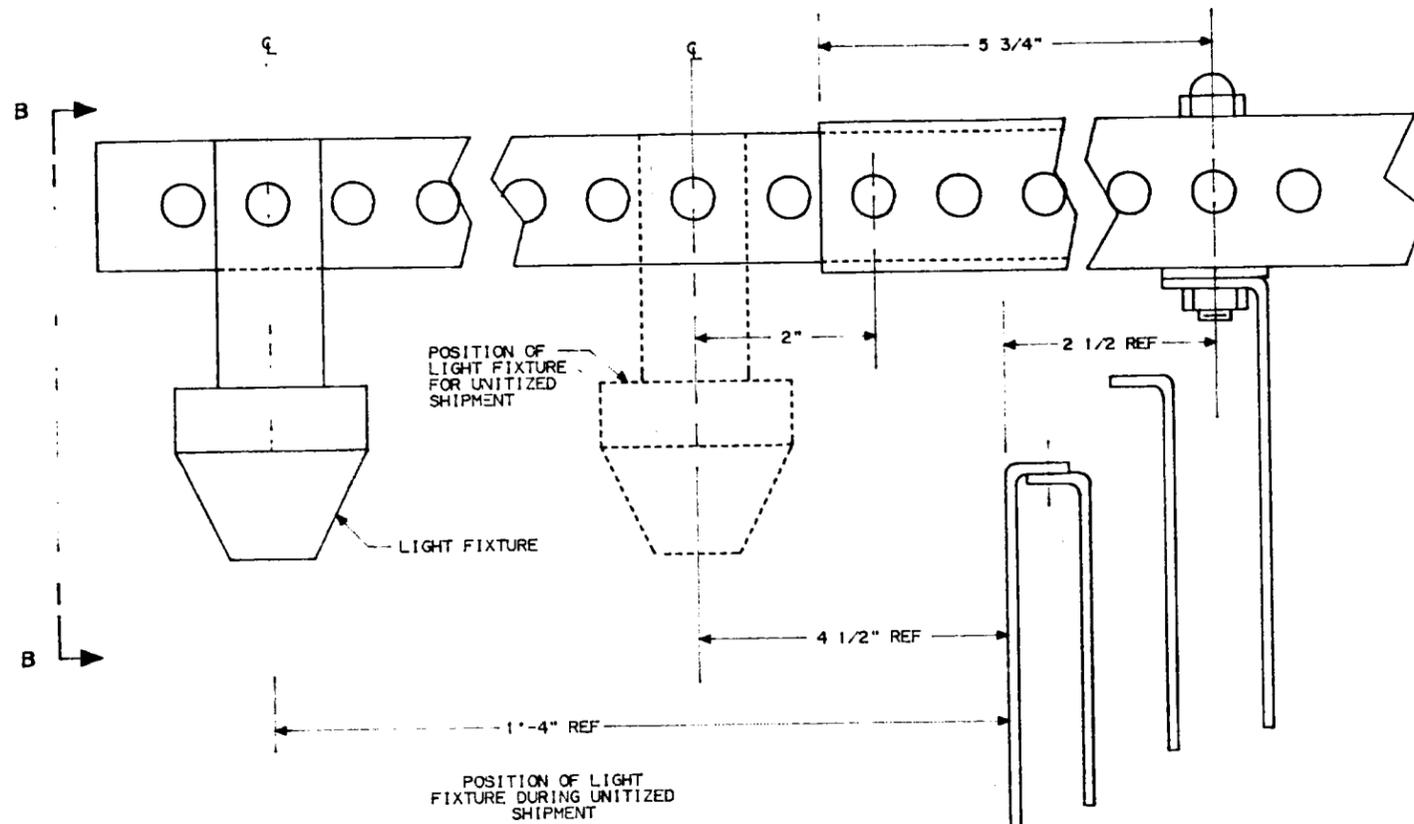


FIG. 7

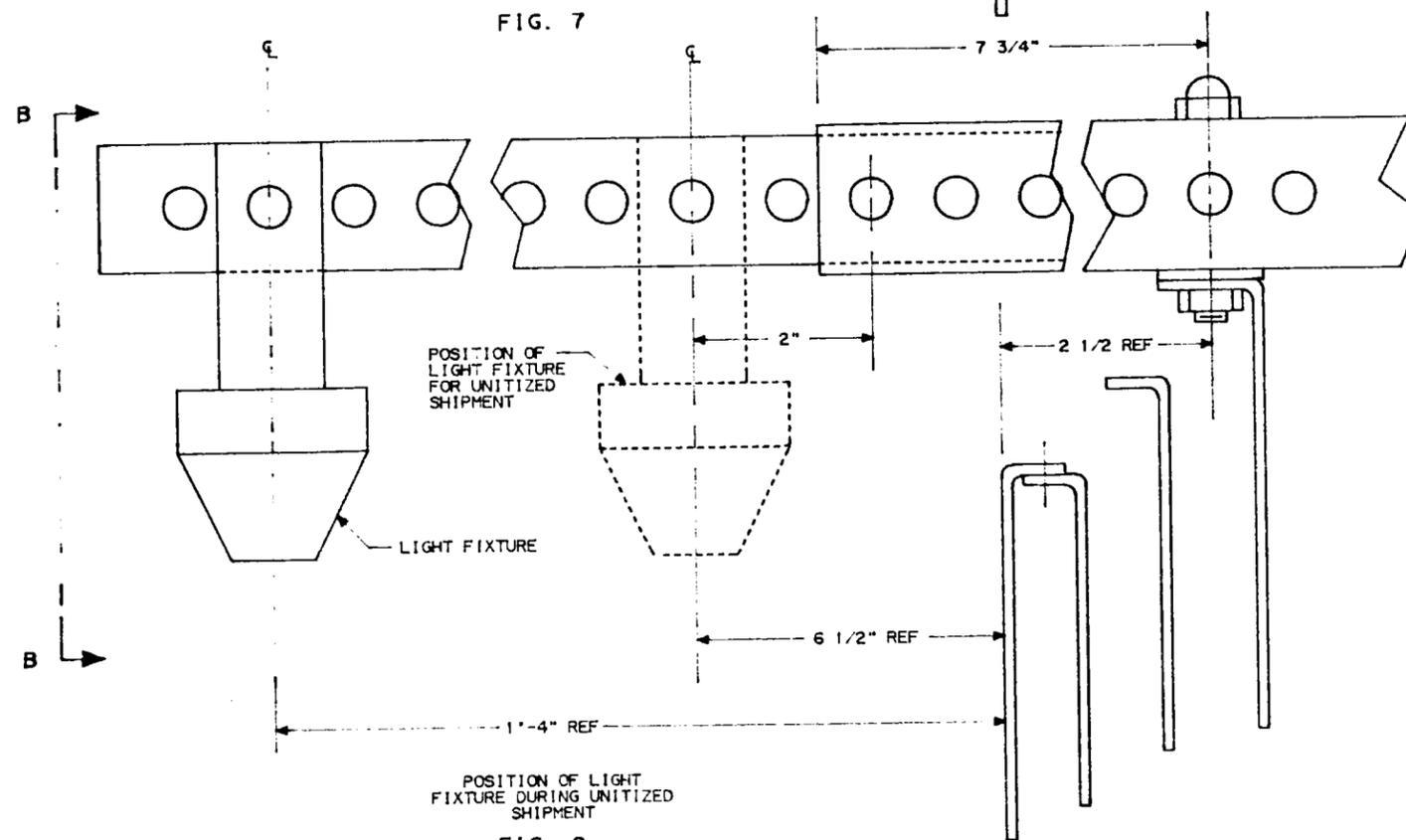
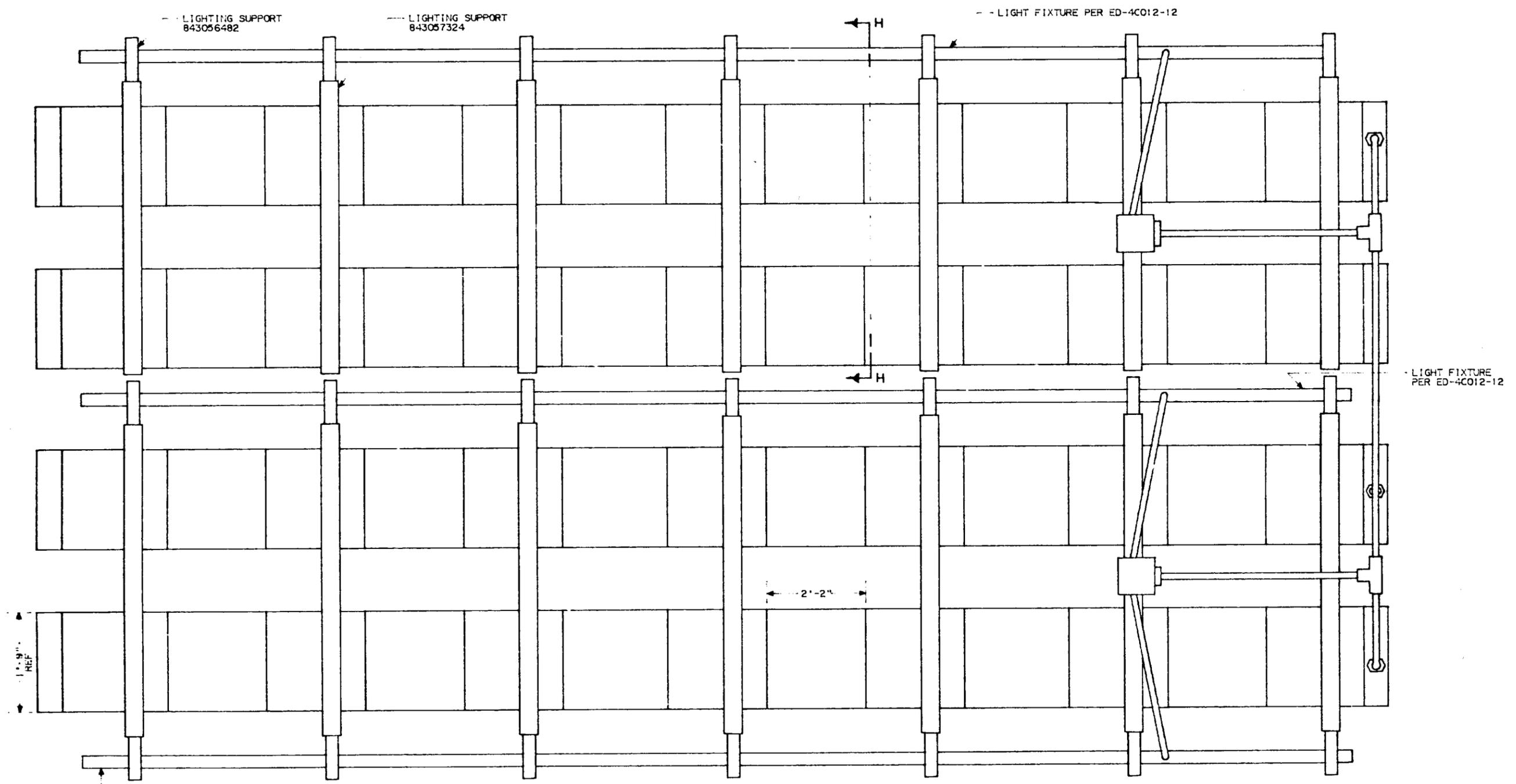


FIG. 8

BEST AVAILABLE D.P.

ED-5D072-30

| | | | |
|---|-------------|-------------------|-------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | PRINTED IN U.S.A. | SHEET 88 |



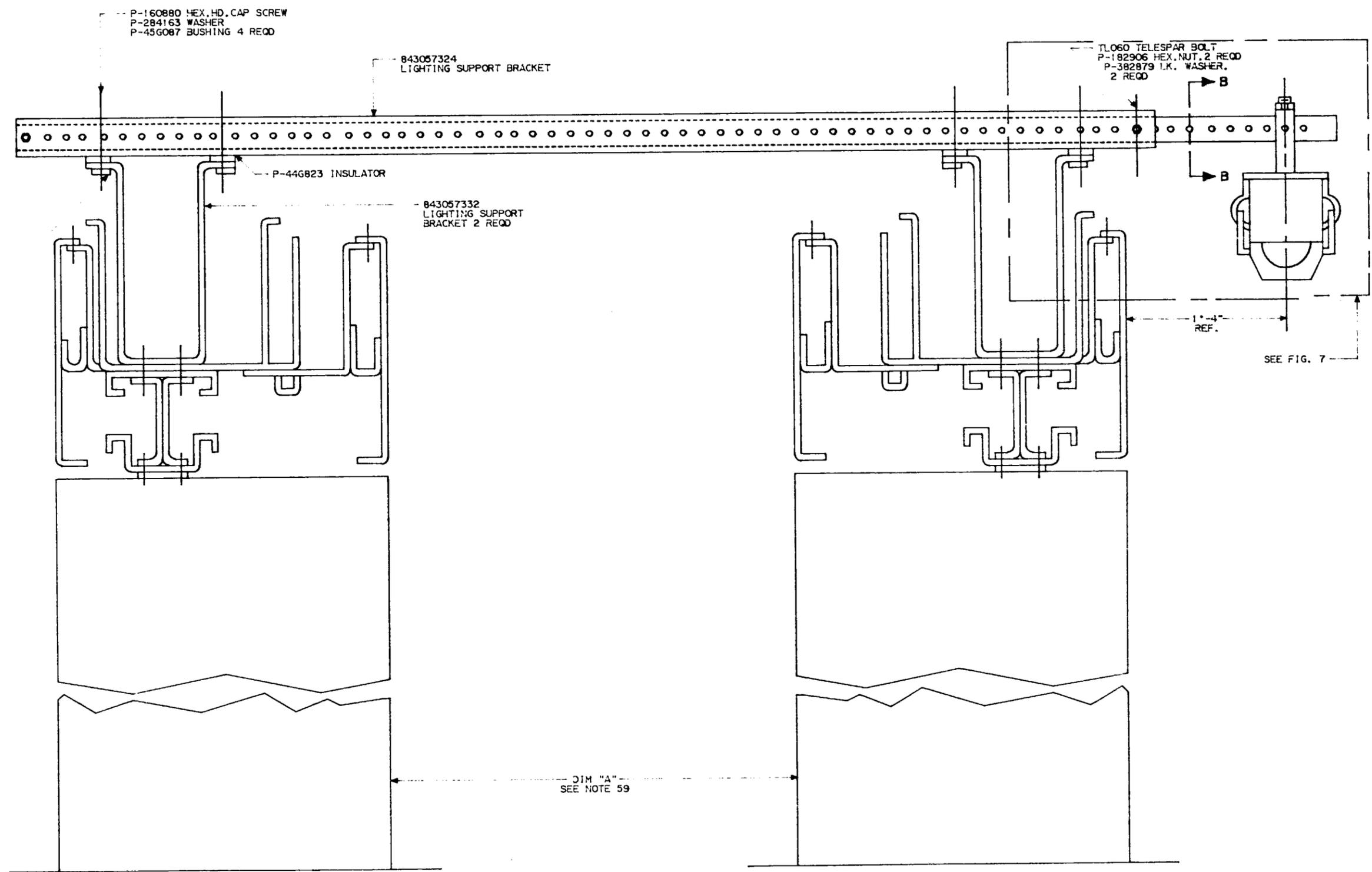
TYPICAL LIGHTING ARRANGEMENT
MULTI LINEUP OF CABINETS

FIG. 9

BEST AVAILABLE D.P.

ED-5D072-30

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET 89 | |



SECT H-H
 TYPICAL LIGHTING SUPPORT

BEST AVAILABLE D.P.

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE 6S | ISSUE 3 |
| WESTERN ELECTRIC | ED-5D072-30 | SHEET B10 | |

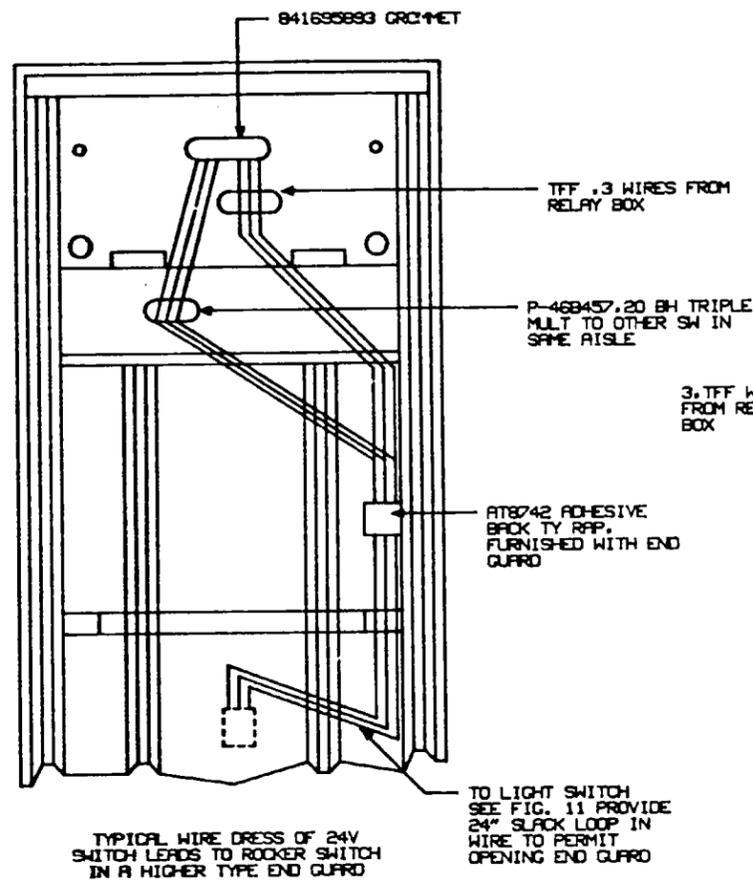


FIG. 10

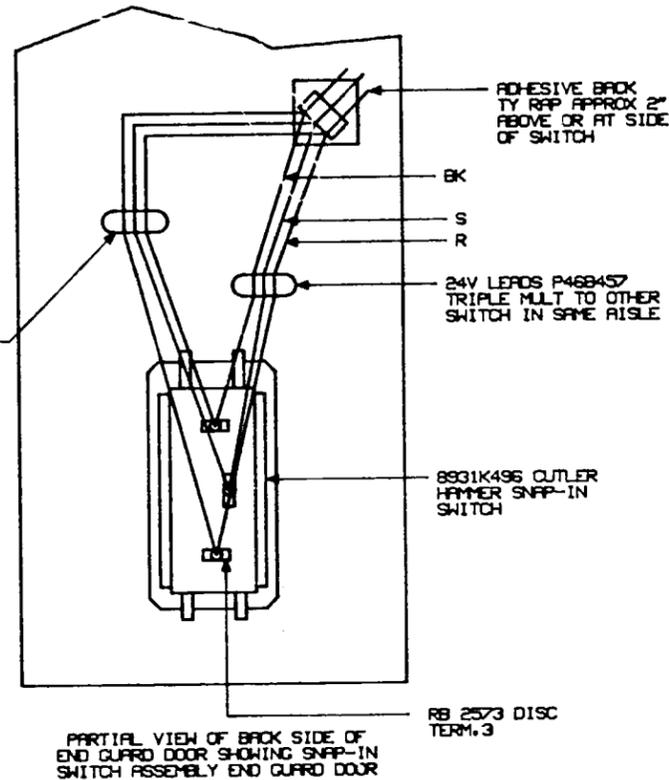


FIG. 11

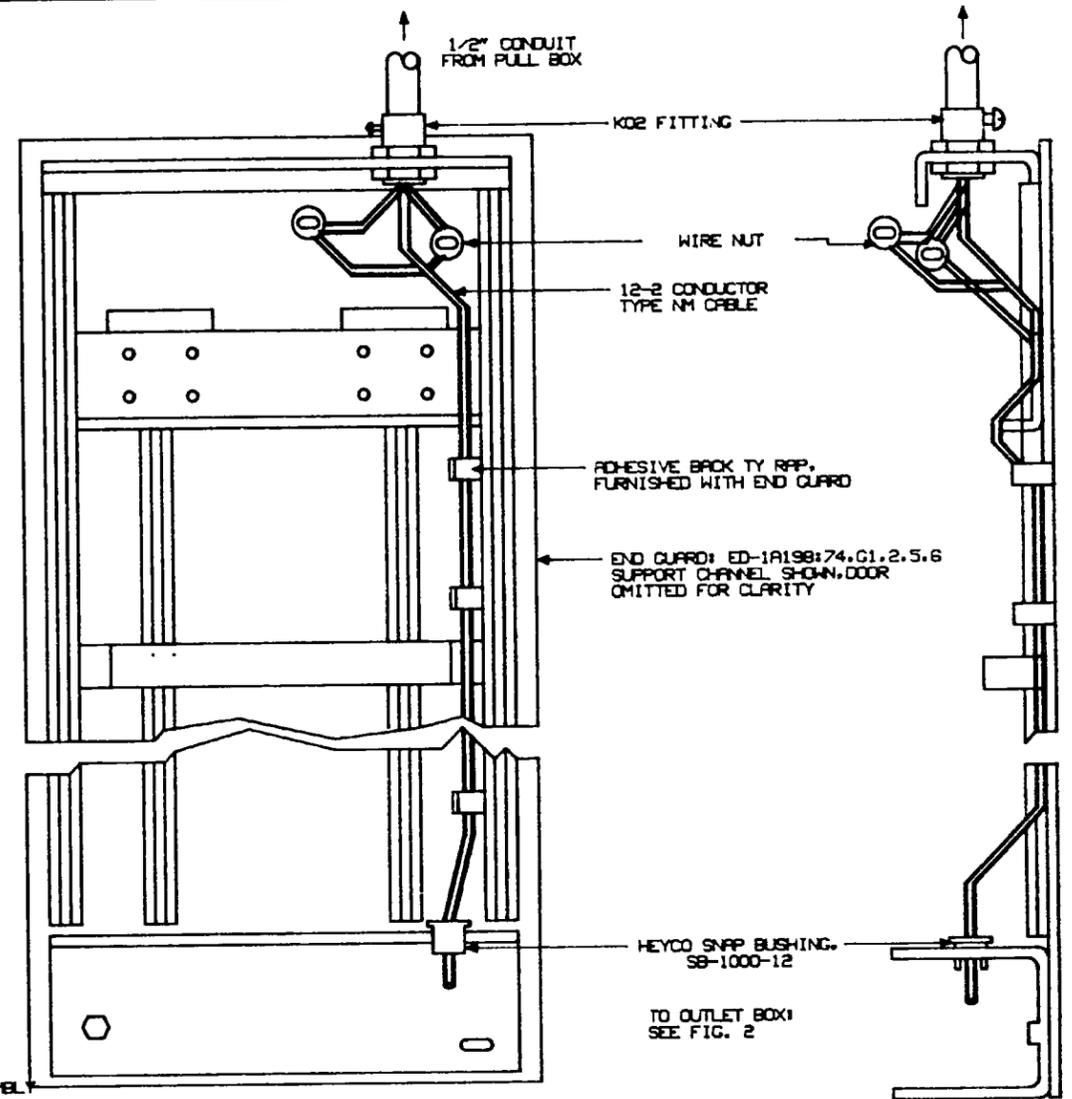
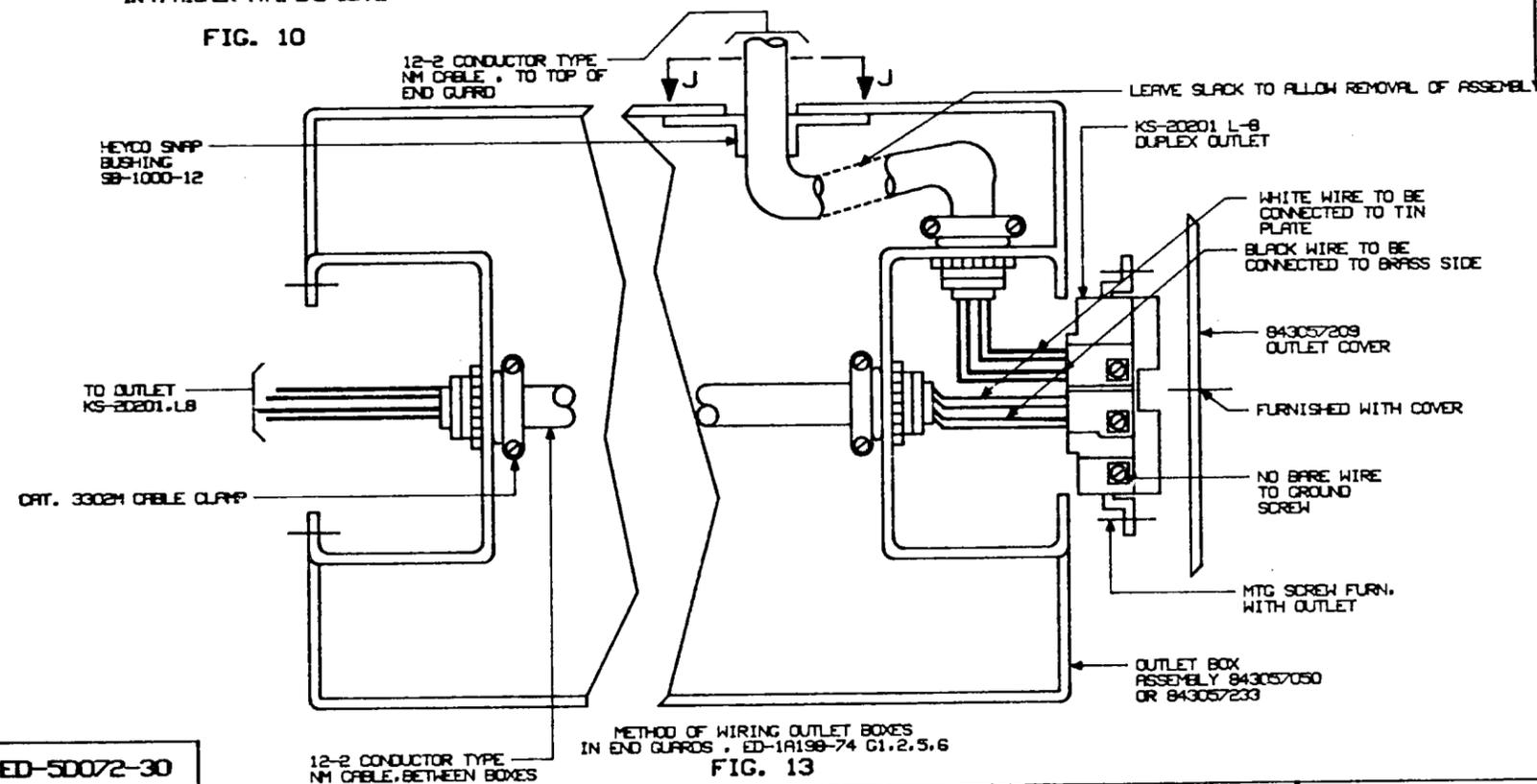
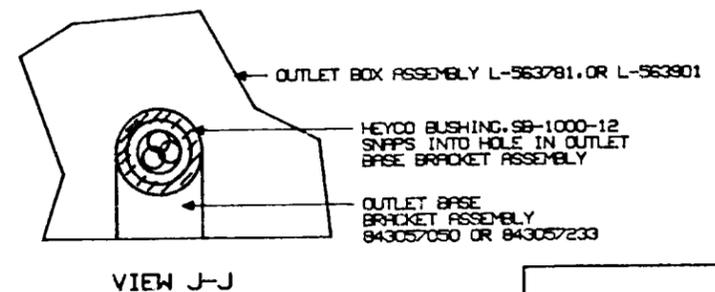


FIG. 12
TYPICAL ARRANGEMENT OF APPLIANCE
OUTLET AC SOURCE IN 4\"/>



METHOD OF WIRING OUTLET BOXES
IN END GUARDS, ED-1A198-74 G1.2.5.6
FIG. 13

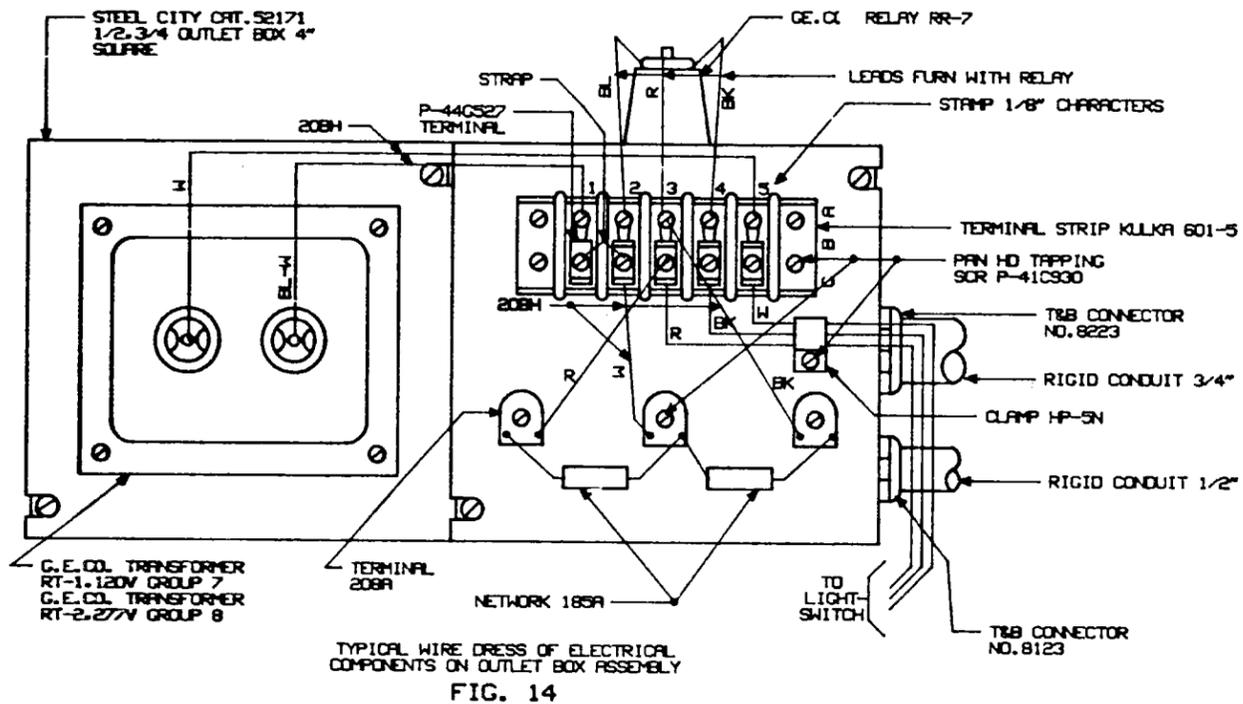


VIEW J-J

ED-50072-30

| | | | |
|---|--|----------------|--------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE C2 | ISSUE 5 |
| WESTERN ELECTRIC ED-50072-30 | | | SHEET B11 |

BEST AVAILABLE D.P.



TYPICAL WIRE DRESS OF ELECTRICAL COMPONENTS ON OUTLET BOX ASSEMBLY
FIG. 14

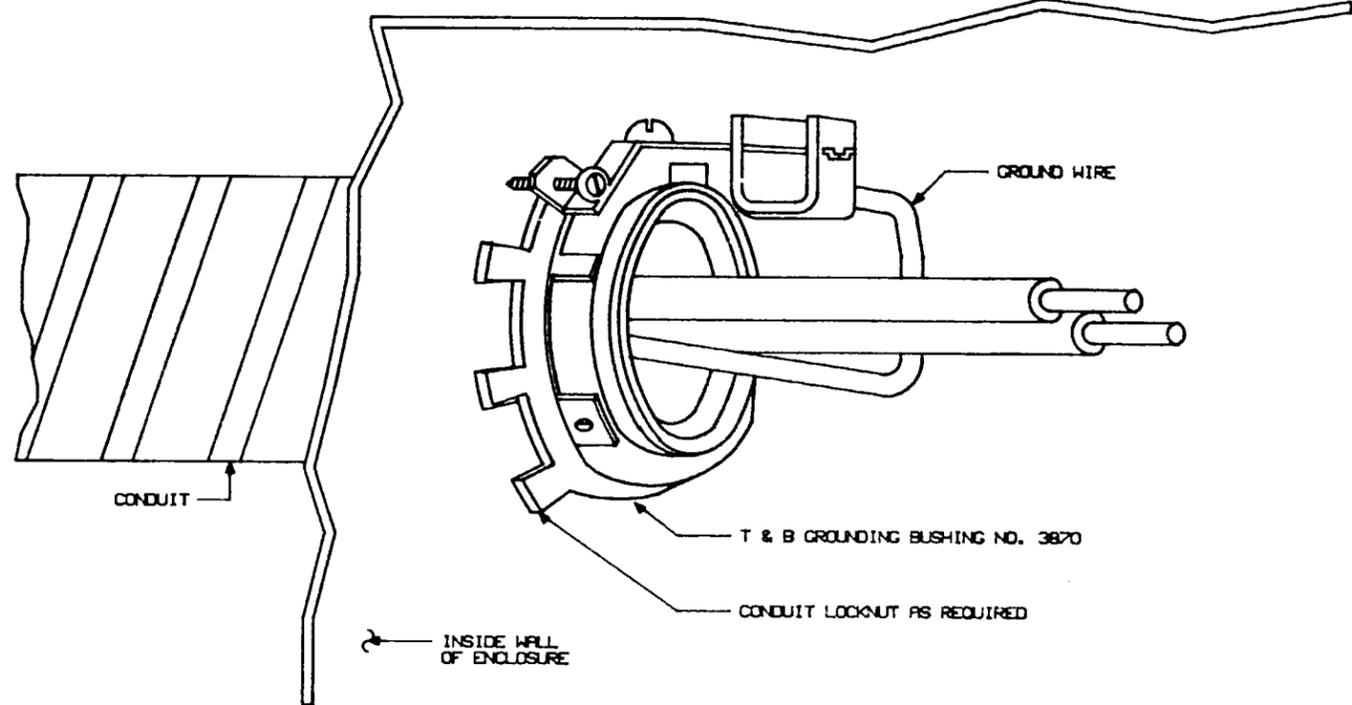
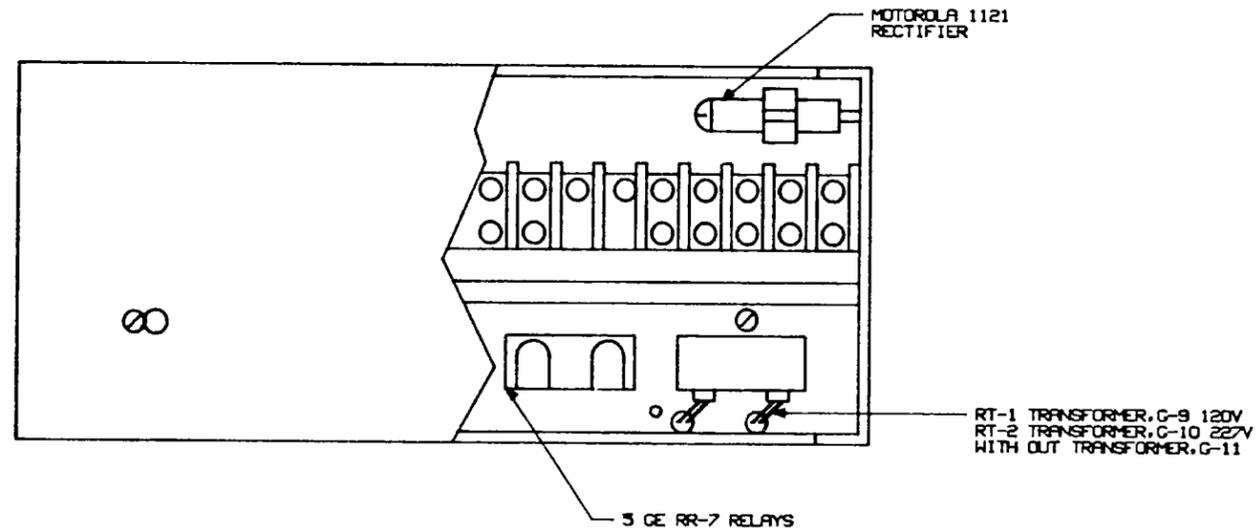
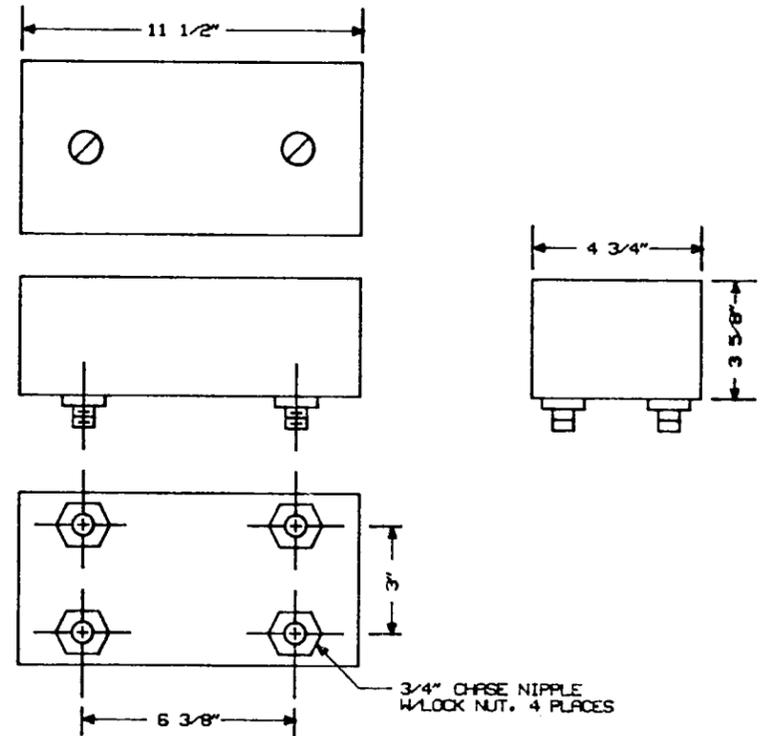


FIG. 16
(SEE NOTE 62)

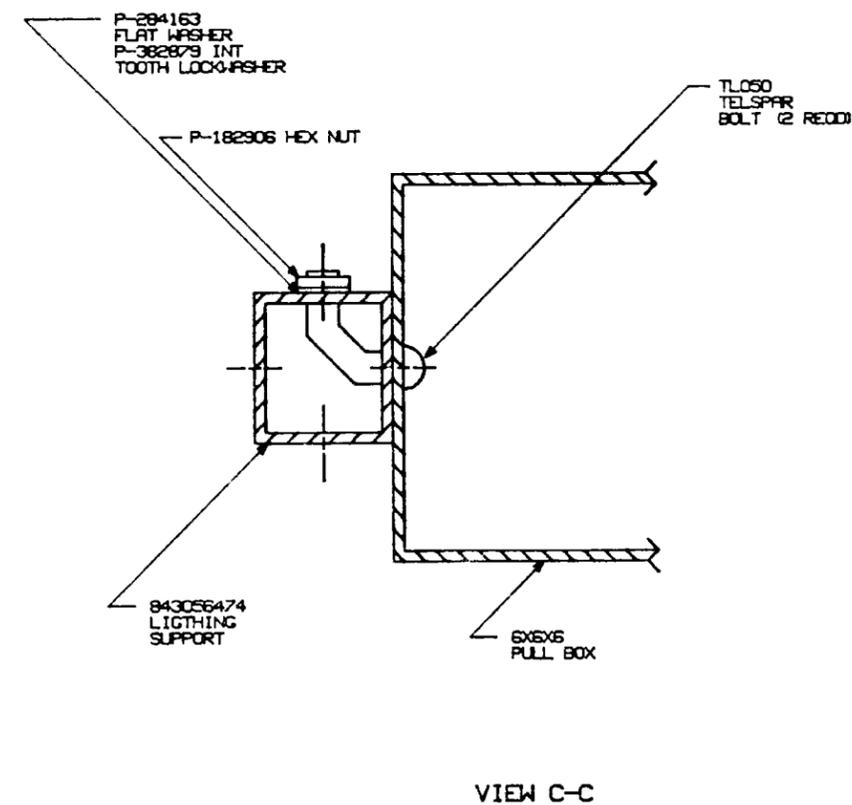
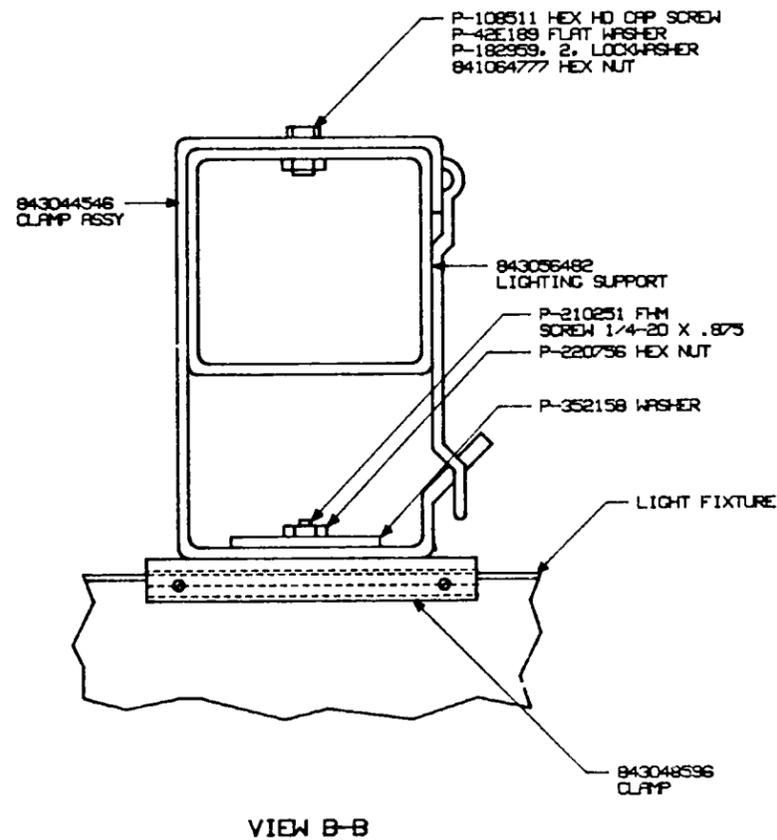
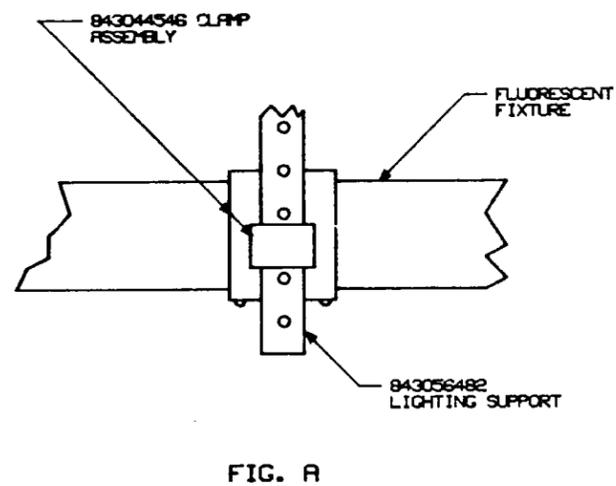
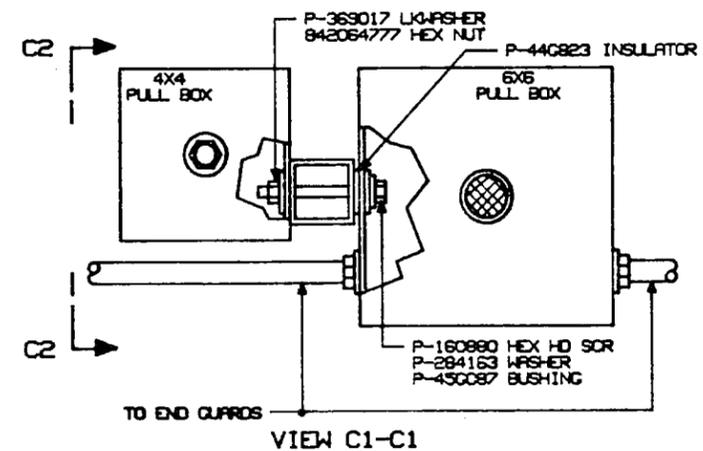
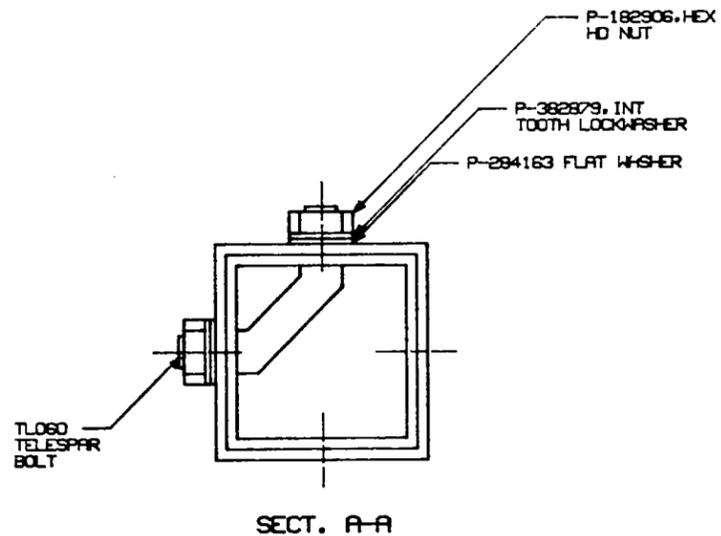
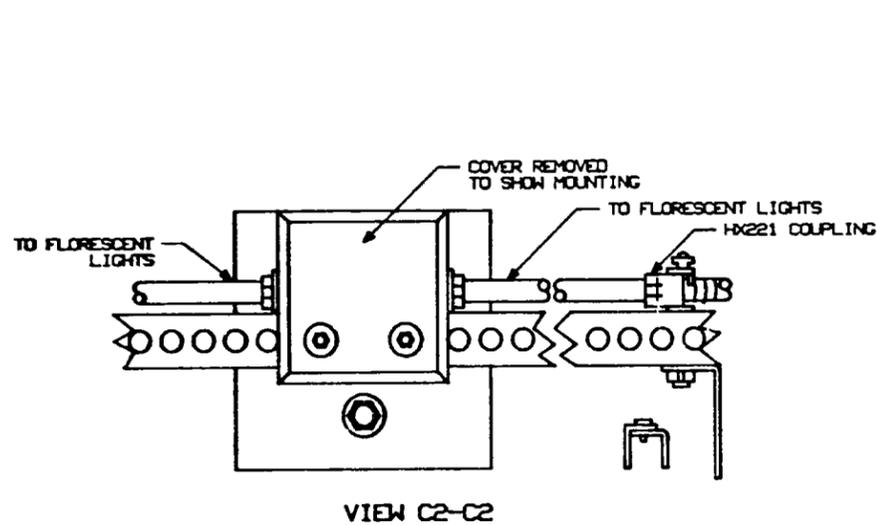


VIEW SHOWING AT-C-6500-AB
RELAY BOX FOR LOW VOLTAGE
SWITCH CONTROL
FIG. 15
GR 9, OR 10, OR GR 11



BEST AVAILABLE D.P.

| | | | |
|---|-------------|----------------|------------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE C2 | ISSUE 5 |
| WESTERN ELECTRIC | ED-50072-30 | SHEET B12 | |



ED-50072-30

| SHEET INDEX | ISSUE | | | | | | | | | | |
|-------------|--------|--|--|--|--|--|--|--|--|--|--|
| | SH NO. | | | | | | | | | | |
| ISSUE | | | | | | | | | | | |
| SH NO. | | | | | | | | | | | |
| ISSUE | 5 | | | | | | | | | | |
| SH NO. | C1 | | | | | | | | | | |

BEST AVAILABLE D.P.

| | | | |
|---|--|----------|-------|
| AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING | | DWG SIZE | ISSUE |
| | | C2 | 5 |
| WESTERN ELECTRIC ED-50072-30 | | | SHEET |
| | | | C1 |

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|---------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1010 | 1 | 4 | 843056474 | | SUPPORT, LIGHTING | | S | |
| 1020 | 1 | 4 | 843056482 | | SUPPORT, LIGHTING | | S | |
| 1050 | 1 | 10 | 843044546 | | CLAMP, ASSEMBLY | | S | |
| 1060 | 1 | 10 | 843055872 | | BRACKET, LIGHTING SUPPORT | | S | |
| 1070 | 1 | 20 | 814478236 | P44G823 | INSULATOR | | S | |
| 1080 | 1 | 20 | 814570875 | P45G087 | BUSHING, INSULATING | | S | |
| 1090 | 1 | 10 | 801085119 | P108511 | SCREW, HEXAGON HEAD CAP .375-16 X 3/4 | | S | |
| 1100 | 1 | 20 | 801608803 | P160880 | SCREW, HEXAGON HEAD CAP .375-16 X 2-3/4 | | S | |
| 1110 | 1 | 20 | 814477444 | P44G744 | SCREW, BUTON HEAD SOCKET CAP .375-16 X 1 1/4 | | S | |
| 1120 | 1 | 32 | 802841635 | P284163 | WASHER | | S | |
| 1140 | 1 | 10 | 814251898 | P42E189 | WASHER, PLAIN .375 | | S | |
| 1150 | 1 | 40 | 803690171 | P369017 | WASHER, INTERNAL TOOTH LOCK | | S | |
| 1160 | 1 | 22 | 803828797 | P382879 | WASHER | | S | |
| 1180 | 1 | 10 | 801829599 | P182959 | WASHER, SPRING LOCK (.375) 289A FINISH | | S | |
| 1190 | 1 | 32 | 801829060 | P182906 | NUT, HEXAGON .312-18 | | S | |
| 1195 | 1 | 32 | 841064769 | | NUT, HEXAGON .312-18 | | S | |
| 1220 | 1 | 22 | 841064777 | | NUT, HEXAGONAL .375-16X.250 STEEL 289A FINISH | | S | |
| 1230 | 1,5 | 1 | 402259360 | | BOX, PULL 6 X 6 X 6 IN TYPE SC SURFACE SCREW COVER KEYSTONE COLUMBIA INC | | S | |
| 1240 | 1 | 5 | 900494774 | | FITTING #K02 KONDU CORP. OR EQUIVALENT | | S | |
| 1245 | 1 | 5 | 997836630 | | CONDUIT, ELECTRICAL #K0-2 KONDU CORP. OR EQUIVALENT | | S | |
| 1250 | 1 | 4 | 997834916 | | BOX #LR-2 CONDUIT RIGID OBLONG KONDU CORP. | | S | |
| 1260 | 1 | 1 | 996213187 | | BOX, CONDUIT #T-2 KONDU CORP. OR EQUIVALENT | | S | |
| 1265 | 1 | 1 | 997835095 | | BOX, CONDUIT #T-2 RIGID OBLONG KONDU CORP. OR EQUIVALENT | | S | |
| 1270 | 1 | 5 | 997830021 | | COVER, CONDUIT BOX #20 OBLONG 1/2 INCH KONDU CORP. OR EQUIVALENT | | S | |
| 1280 | 1 | 4 | 996216347 | | CONDUIT #3701 R 3/4 X 1/2 GRAYBAR 3701 THOMAS & BETTS CO. OR EQUIVALENT | | S | |
| 1290 | 1,5 | 2 | 900538612 | | BOLT #TL050 TELSPAR UNISTRUT CORP OR EQUIVALENT | | S | |
| 1300 | 1 | 10 | 900363730 | | BOLT #TL060 TELSPAR BOLT CO OR EQUIVALENT | | S | |

STOCKLIST CONTINUED ON SHEET D2

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MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.

X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.

* PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.

*/ PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.

() INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.

{ } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.

< > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.

"W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.

"W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.

"S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.

A/R AS REQUIRED.

"B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.

- X X 12. THE INST SHALL CUT, DRILL AND PUNCH K.O.'S WHERE REQUIRED.
- X X 13. FOR RETOUCHING TOOL MARKS OR OTHER ABRASIONS USE JOHN L. ARMITAGE & CO. WATERBORNE FINISH CAT. WW4092.
- X X 14. ALL SPLICES SHALL BE MADE WITH T & B CO. CAT PT 66M STA-KON CONNECTORS.
- X 15. THE 'A' DIMENSION LISTED ALONG WITH THE PIECE PART 843057324 IN THE JOB SPEC REPRESENTS THE REQUIRED LENGTH.
- X 16. ALL CONDUITS SUPPORTED TO WALLS, COLUMNS OR CEILING IN THE ESS EQPT AREA SHALL BE WRAPPED AT THE POINT OF SUPPORT WITH TWO LAYERS OF GRAY FIBRE SHEET 995831013 FURNISHED BY INSTALLER. EXCEPT FOR LOW INTENSITY WALL SWITCH CONDUIT, OR OTHER CONDUIT ON BLDG GROUND PRIOR TO CONNECTION AT GROUND WINDOW.

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
AC POWER DISTRIBUTION
HARDWARE ASSEMBLY AND WIRING
FOR AC POWER AND LIGHTING

DWG SIZE C2 ISSUE 8

ED5D072-30

LUCENT TECHNOLOGIES INC ED5D072-30

SHEET D1 OF 18

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|------------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1310 | 1,5 | 2 | 402848139 | | COUPLING #HX221 STEEL CITY CO. | | S | |
| 1320 | 1,5 | 2 | 401012604 | KS20785L83 | CONNECTOR, 90 DEGREE | | S | |
| 1330 | 2 | 1 | 843057324 | | SUPPORT | | S | 59 |
| 1340 | 2 | 2 | 843057332 | | BRACKET, LIGHTING FIXTURE SUPPORT | | S | |
| 1350 | 2 | 2 | 843056482 | | SUPPORT, LIGHTING | | S | |
| 1360 | 2 | 2 | 900363730 | | BOLT #TL060 TELSPAR BOLT CO OR EQUIVALENT | | S | |
| 1370 | 2 | 4 | 801829060 | P182906 | NUT, HEXAGON .312-18 | | S | |
| 1375 | 2 | 4 | 841064769 | | NUT, HEXAGON .312-18 | | S | |
| 1380 | 2 | 4 | 803828797 | P382879 | WASHER | | S | |
| 1390 | 2 | 4 | 841064777 | | NUT, HEXAGONAL .375-16X.250 STEEL 289A FINISH | | S | |
| 1400 | 2 | 8 | 803690171 | P369017 | WASHER, INTERNAL TOOTH LOCK | | S | |
| 1410 | 2 | 4 | 814478236 | P44G823 | INSULATOR | | S | |
| 1420 | 2 | 4 | 814570875 | P45G087 | BUSHING, INSULATING | | S | |
| 1430 | 2 | 4 | 802841635 | P284163 | WASHER | | S | |
| 1440 | 2 | 4 | 801608803 | P160880 | SCREW, HEXAGON HEAD CAP .375-16 X 2-3/4 | | S | |
| 1450 | 2 | 4 | 814477444 | P44G744 | SCREW, BUTTON HEAD SOCKET CAP .375-16 X 1 1/4 | | S | |
| 1460 | 3 | 1 | 843057340 | | SUPPORT, LIGHTING | | S | |
| 1470 | 3 | 1 | 843057332 | | BRACKET, LIGHTING FIXTURE SUPPORT | | S | |
| 1480 | 3 | 1 | 843057357 | | SUPPORT, LIGHTING | | S | |
| 1490 | 3 | 1 | 900363730 | | BOLT #TL060 TELSPAR BOLT CO OR EQUIVALENT | | S | |
| 1500 | 3,5 | 2 | 801829060 | P182906 | NUT, HEXAGON .312-18 | | S | |
| 1505 | 3,5 | 2 | 841064769 | | NUT, HEXAGON .312-18 | | S | |
| 1510 | 3 | 2 | 803828797 | P382879 | WASHER | | S | |
| 1520 | 3,5 | 2 | 801608803 | P160880 | SCREW, HEXAGON HEAD CAP .375-16 X 2-3/4 | | S | |
| 1530 | 3,5 | 2 | 802841635 | P284163 | WASHER | | S | |
| 1540 | 3,5 | 2 | 814570875 | P45G087 | BUSHING, INSULATING | | S | |
| 1550 | 3,5 | 2 | 814478236 | P44G823 | INSULATOR | | S | |
| 1560 | 3,5 | 4 | 803690171 | P369017 | WASHER, INTERNAL TOOTH LOCK | | S | |
| 1570 | 3,5 | 2 | 841064777 | | NUT, HEXAGONAL .375-16X.250 STEEL 289A FINISH | | S | |
| 1580 | 3 | 2 | 814477444 | P44G744 | SCREW, BUTTON HEAD SOCKET CAP .375-16 X 1 1/4 | | S | |
| 1590 | 4 | 1 | 843044546 | | CLAMP, ASSEMBLY | | S | |
| 1600 | 4 | 1 | 801085119 | P108511 | SCREW, HEXAGON HEAD CAP .375-16 X 3/4 | | S | |
| 1610 | 4 | 1 | 814251898 | P42E189 | WASHER, PLAIN .375 | | S | |
| 1620 | 4 | 2 | 801829599 | P182959 | WASHER, SPRING LOCK (.375) 289A FINISH | | S | |
| 1630 | 4 | 1 | 841064777 | | NUT, HEXAGONAL .375-16X.250 STEEL 289A FINISH | | S | |

***** STOCKLIST CONTINUED AT RIGHT *****

ED5D072-30

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1640 | 5 | 2 | 996213187 | | BOX, CONDUIT #T-2 KONDU CORP. OR EQUIVALENT | | S | |
| 1645 | 5 | 2 | 997835095 | | BOX, CONDUIT #T-2 RIGID OBLONG KONDU CORP. OR EQUIVALENT | | S | |
| 1650 | 5 | 6 | 997834916 | | BOX #LR-2 CONDUIT RIGID OBLONG KONDU CORP. OR EQUIVALENT | | S | |
| 1660 | 5 | 8 | 997830021 | | COVER, CONDUIT BOX #20 OBLONG 1/2 INCH KONDU CORP. OR EQUIVALENT | | S | |
| 1670 | 5 | 12 | 900494774 | | FITTING #K02 KONDU CORP. OR EQUIVALENT | | S | |
| 1675 | 5 | 12 | 997836630 | | CONDUIT, ELECTRICAL #K0-2 KONDU CORP. OR EQUIVALENT | | S | |
| 1680 | 5 | 8 | 996216347 | | CONDUIT #3701 R 3/4 X 1/2 GRAYBAR 3701 THOMAS & BETTS CO. OR EQUIVALENT | | S | |
| 1690 | 6 | 1 | 401894928 | | SWITCH #8931K496 CUTLER-HAMMER CO OR EQUIVALENT | | S | |
| 1700 | 6 | 3 | 402841944 | | TERMINAL, NYLON #RB2573 SERIES 250 FEMALE I6-14GA DISCONNECT FULLY INSULATED LOOSE PIECE THOMAS & BETTS CO. OR EQUIVALENT | | S | |
| 1705 | 6 | 3 | 402440473 | | LUG, TERMINAL #RB2573 THOMAS & BETTS CORP. OR EQUIVALENT | | S | |
| 1710 | 6 | 1 | 841695893 | | GROMMET | | S | |
| 1720 | 7 | 1 | 401745450 | | TRANSFORMER #RT1 REG DUTY 24V - 120V GENERAL ELECTRIC CO. OR EQUIVALENT | | S | |
| 1725 | 7 | 1 | 400509741 | | TRANSFORMER #RT1 GENERAL ELECTRIC CO. OR EQUIVALENT | | S | |
| 1730 | 8 | 1 | 402942635 | | TRANSFORMER #RT2 HEAVY DUTY 24V - 277V GENERAL ELECTRIC CO. OR EQUIVALENT | | S | |
| 1735 | 8 | 1 | 995532124 | | TRANSFORMER #RT-2 REMOTE CONTROL GE OR EQUIVALENT | | S | |
| 1740 | 5,7,8 | 1 | 401815105 | | BOX, OUTLET #52171 STEEL CITY OR EQUIVALENT | | S | |

STOCKLIST CONTINUED ON SHEET D3

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

5ESS SWITCHING EQUIPMENT SPECIFICATION FOR AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING FOR AC POWER AND LIGHTING

DWG SIZE C2 ISSUE 8

LUCENT TECHNOLOGIES INC ED5D072-30

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| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|-----------|---|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1750 | 7,8 | 1 | 403048747 | | STRIP #601-5 KULKA ELECTRIC CO OR EQUIVALENT | | S | |
| 1760 | 7,8 | 3 | 100744192 | 208A | TERMINAL | | S | |
| 1770 | 7,8 | 2 | 100331461 | 185A | NETWORK | | S | |
| 1780 | 7,8 | 5 | 814475273 | P44G527 | TERMINAL | | S | |
| 1790 | 7,8 | 8 | 814139309 | P41C930 | SCREW, PAN HEAD SELF TAPPING .138-32 X 1/2 STEEL 289A FINISH | | S | |
| 1800 | 7,8 | 1 | 900150723 | | CLAMP, CABLE #HP-5N BURNDY CORP. OR EQUIVALENT | | S | |
| 1810 | 7,8 | 1 | 400514220 | | RELAY #RR7 GENERAL ELECTRIC CO. OR EQUIVALENT | | S | |
| 1820 | 7,8 | 1 | 997104567 | | CONDUIT, ELECTRICAL #8123 THOMAS & BETTS CORP. OR EQUIVALENT | | S | |
| 1830 | 7,8 | 1 | 997104575 | | CONDUIT, ELECTRICAL #8223 INSULATED THREADLESS 3/4IN THOMAS & BETTS CO. OR EQUIVALENT | | S | |
| 1840 | 9 | 1 | 406246959 | | BOX, RELAY #ATG6500RB-D 4.75WD X 11.5LG X 3.625HT IN. AIREY-THOMPSON CO. OR EQUIVALENT | | S | |
| 1850 | 10 | 1 | 406246967 | | BOX, RELAY #ATG65277RB-D 4.75WD X 11.5LG X 3.625HT IN. AIREY-THOMPSON CO. OR EQUIVALENT | | S | |
| 1860 | 11 | 1 | 406258061 | | BOX, RELAY #ATG6500RB-D(W/O TRANS) 4.75WD X 11.5LG X 3.625HT IN. AIREY-THOMPSON CO. OR EQUIVALENT | | S | |
| 1870 | 9,10,11 | 10 | 100331461 | 185A | NETWORK | | S | |
| 1880 | 9,10,11 | 35 | 402990311 | KS20775L1 | SET, TEST ERROR RATE OR EQUIVALENT | | S | |
| 1890 | 9,10,11 | 5 | 401985171 | | BUSHING #B312-250 HEYMAN MFG. CO. OR EQUIVALENT | | S | |
| 1900 | 9,10,11 | 1 | 900494774 | | FITTING #KUZ KONDU CORP. OR EQUIVALENT | | S | |
| 1905 | 9,10,11 | 1 | 997836630 | | CONDUIT, ELECTRICAL #K0-2 KONDU CORP. OR EQUIVALENT | | S | |
| 1910 | 9,10,11 | 1 | 997836655 | | BUSHING, INSULATOR #KOL-2 ELECTRIC COUPLING METAL KONDU CORP OR EQUIVALENT | | S | |
| 1920 | 9,10,11 | 1 | 996843272 | KS5351 | FITTING BUSHING INS PEM 1/2 IN | | S | |
| 1930 | 5 | 8 | 997928411 | | NUT #76B FOR 3 12GA WIRES IDEAL INDUSTRIES OR EQUIVALENT | | S | |
| 1940 | 5 | 12 | 997044722 | | CONNECTOR #3302-M THOMAS & BETTS CO. OR EQUIVALENT | | S | |

***** STOCKLIST CONTINUED AT RIGHT *****

| STOCKLIST | | | | | | | | |
|-----------|-----------------|--------------|--------------------|--------|--|--------------------|------|-----|
| ITEM NBR | LIST GROUP CODE | QTY PER CODE | PRODUCT IDENTIFIER | CODE | DESCRIPTION | REFERENCE POSITION | NOTE | |
| | | | | | | | SYM | NBR |
| 1950 | 5 | 4 | 997244553 | | BUSHING, SNAP #2140 BLACK HEYMAN MFG CO OR EQUIVALENT | | S | |
| 1960 | 5 | 12 | 401302088 | AT8742 | TIE, CABLE ADHESIVE IVORY 100/PKG | | S | |
| 1970 | 5 | A/R | 996315032 | | CABLE, ELECTRICAL 12 GAUGE 2 CONDUCTOR SOLIDTYPE OF THERMO-PLASTIC NON-METALLIC SHEATHED TWIN OR EQUIVALENT | | S | |

***** END OF STOCKLIST *****

ED5D072-30

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|---|------------|
| SEE PROPRIETARY NOTICE ON SHEET ONE | |
| RT13 | |
| 5ESS SWITCHING EQUIPMENT SPECIFICATION FOR AC POWER DISTRIBUTION HARDWARE ASSEMBLY AND WIRING FOR AC POWER AND LIGHTING | |
| DWG SIZE C2 | ISSUE 8 |
| LUCENT TECHNOLOGIES INC | ED5D072-30 |
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