

ISSUE NOTES (CONTINUED)				
<p>H8470 - TABLE A, ADDED GROUPS 1B, 2, 35, 370, 590, 601, 611, 621, 660A, 670A, 680A, 690, & 700. GROUPS 1A, 600, 610, 620, 630, 640, 650, 660, 670, 680 RATED DA. IN GROUP 5 ADDED REFERENCE TO G1B & G2. IN GROUP 10 ADDED REFERENCE TO G2. IN GROUP 30 ADDED DESC "4GB DISKS". - ENGINEERING NOTES, NOTE 83 WAS 600 THROUGH 680 NOW READS 600 THROUGH 700. ADDED NOTES 85, 86, & 87. - MANUFACTURING NOTES, ADDED NOTE 40. - STOCKLIST, ADDED ITEMS 1105, 1165, 1166, 1266, 1950, 1951, 3306, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4685, 4690, 4700, 6086, 6091, 6106, 6291, & 6301. ITEMS 1000 THROUGH 1090, 1120 THROUGH 1161, 1170 THROUGH 1260, 1270 THROUGH 1290, 1310 THROUGH 1940, 2100 THROUGH 3305, 4550 THROUGH 4565, 6000 THROUGH 6075, 6115 THROUGH 6290, 6300, 6310 THROUGH 6410 MODIFIED TABLE A REF. ITEM 1290 REVISED DWG FOR NEW FUSE POSITIONS. ITEM 1301 ADDED PER H8392 AND H8392.2. ITEM 3305 LINED OUT. - TABLE RS, ADDED REMARKS AND REFERENCE TO EN88, ADDED 12V SENSOR COMCODE 408002509 AND REFERENCE TO EN87. ADDED 5V SENSOR COMCODE 408002491 AND REFERENCE TO EN87. ADDED 9GB SCSI SHUTTLE COMCODE 407912187 AND REFERENCE TO EN86. - TABLE CC1, CHANGED STATUS TO DA FOR ALL ITEMS. - TABLE CC3, ADDED CONFIGS #207 & #208, TO INCLUDE 5TH SCSI HA. SHEET B1, CHANGED FRONT VIEW TO SHOW TCP/IP HUB POS. SHEET B2, CHANGED FIG 2 AND VIEW A-A TO SHOW TCP/IP HUBS, AND REVISED COMCODE FOR V.35 DISTRIBUTION PANEL TO MAKE IT 1 PIECE SHEET B13, CHANGED AUX MULT TABLE TITLES TO SHOW APPLICATIONS. SHEET B15, ADDED COMCODE LABEL LOCATIONS TO ALL VIEWS, AND MOVED SERIAL LABELS ON FIGS P & T TO AGREE WITH MFG RECOMMENDATIONS. SHEET B20, CORRECTED TITLE OF MONITOR INTERRUPT SETTING TABLE.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-13 CHANGE CLASS: B</p>				
DRAFT: CED	ENGR: CED	SUPV: RKP	CERTIFIED: 12/03/98	ISSUE: 8
<p>H8575 - ADDED RS232 EXTENSION CABLES FOR CONSOLE & LMT. TABLE A, ADDED GROUPS 115 & 120. STOCKLIST, ADDED ITEMS 2630 THROUGH 2646. MFG NOTES, ADDED NOTE 41. ENG NOTES, ADDED NOTE 89. H8589 - ADDED CONFIGURATIONS FOR ACTIVE/ACTIVE FEATURE 1300. ENG NOTES, MODIFIED 65, ADDED NOTES 90, 91, & 92. TABLE A, MODIFIED GROUPS 20, 22, 23, 25, 30, 200, & 250 TO SHOW RULES FOR ORDERING. MODIFIED GROUPS 601, 611, 621, 660A, 670A, 680A, 690, & 700 TO DA STATUS. ADDED GROUPS 18, 505, 602, 612, 622, 661, 671, 681, 691, 701. MODIFIED NOTE REFERENCE FOR GROUPS SB & SC. STOCKLIST, MODIFIED ITEMS 1000-1090, 1105, 1120-1230, 1241-1250, 1265-1290, 1301-1320, 1330-1420, 1430-1505, 1517-1521, 1531-1540, 1600-1755, 2100-2201, 2560, 4550-4700, 6000-6015, 6055-6060, 6075, 6086, 6091, 6106, 6115, 6125-6180, 6190-6410 TO SHOW NEW TABLE A GROUPS, ADDED ITEMS 1422, 1572, & 2561. MISC TABLES, MODIFIED TABLES B1, B2, RS, CC1, CC2, & CC3 TO SHOW NEW COMPONENTS AND CONFIGURATIONS.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-15 CHANGE CLASS: B</p>				
DRAFT: CED	ENGR: CED	SUPV: RKP	CERTIFIED: 03/29/99	ISSUE: 9

ISSUE NOTES (CONTINUED)				
<p>H8361 - ENGINEERING NOTES 61, 63, & 64 MODIFIED, 83 & 84 ADDED; IN TABLE A ALL ACTIVE GROUPS IDENTIFIED AS MAIN LIST "ML" OR SUPPLEMENTARY LIST "SL", GROUPS 570, 600, 610, 620, 630, 640, 650, 660, 670, 680 AND REFERENCE TO ADDED; STOCKLIST AND MISCELLANEOUS TABLES CHANGED ACCORDINGLY, STOCKLIST ITEMS 6000 THROUGH 6410 ADDED; MISCELLANEOUS TABLES CC, CC1, CC2, & CC3 ADDED. PTISS - IN TABLE "RS", TOP CPU FAN ADDED, TABLE "JJ", 25 AMP FUSE "INDIVIDUAL/SINGULAR COMCODE" REMOVED.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015-11 CHANGE CLASS: B</p>				
DRAFT: CED	ENGR: CED	SUPV: RKP	CERTIFIED: 06/18/98	ISSUE: 6
<p>H8426 - IN TABLE A GROUP 360 & 580 ADDED; IN STOCKLIST, ITEMS 4550, 4551, 4560 & 4565 ADDED, MISCELLANEOUS TABLES CHG ACCORDINGLY. PTISS - IN NOTE 19 ADDRESS CHGD; IN STOCKLIST, ITEMS 1310 & 1320 REF TO GROUP 570 ADDED, ITEM 2072 ADDED, ITEM 4065, QTY READ 2, ITEM 6000, IN DESCRIPTION "POS" READ "VEQL", ITEM 6010 POS INFO ADDED.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-12 CHANGE CLASS: B</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 10/20/98	ISSUE: 7

ISSUE NOTES				
<p>ORIG ISS: 04/15/97 CHANGE CLASS: NEW</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 04/15/97	ISSUE: 1
<p>IN ENG. NOTES: 61 & 64 MODIFIED, 82 ADDED; IN TABLE A: GROUPS 50, 51, 91, 1000, 1010, 1020, 1030, AA & AB ADDED, GROUP 40, DESCRIPTION REF TO ANCHORING HARDWARE ADDED; IN MFG. NOTES: 36 CHANGED TO SHOW INSTALLATION INFO FOR PROGRAM RELEASE R7 AND R8, NOTES 37 & 38 ADDED; IN STOCKLIST: ITEMS 1460, 1475, 1476, 1902, 2055, 2075, 2076, 2080, 2085, 2090, 2095, 2100, 2101, 2580, 2590, 3325, 3326, 4065, 5000, 5010 AND 5020 ADDED, ITEMS 1220, 1910, 3300, 3305, 3310, 3315 AND 3321 MOUNTING POSITION INFO ADDED TO DESCRIPTION, ITEMS 1130, 1270, 1800 AND 2000 PROD. ID'S READ "847637188", "107709248", "847637188" AND "847337565" RESPECTIVELY, ITEMS 1310 & 1320 NOTE READ "18", ITEMS 1515, 1520 & 1521 QTY READ "1", ITEMS 1521, 1701 1731, 1750, 1755 & 2201 REF TO NOTE "19" ADDED, ITEM 1901 LINED OUT, ITEMS 1500 & 2200 REF TO "(P6)" ADDED TO DESCRIPTION, ITEM 3305 LIST OR GROUP READ "200, 250, 300", ITEM 3321 LIST OR GROUP READ "200, 250", ALL REFERENCES TO NOTE "S" REMOVED AND REPLACED WITH NOTE 38; TABLES CHANGED ACCORDINGLY; SHEETS B1, B7, B11, B12 B13, B19, E4 MODIFIED, B20 AND E5 ADDED.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-8 CHANGE CLASS: B</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 06/17/97	ISSUE: 2
<p>NOTE 69 ADDED; GROUP 1 RERATED "DA", GROUP 1A ADDED, GROUPS 10, 15 & 60 RATING WAS "NRTO", GROUP 23, REF. TO GROUP 20 ADDED, GROUPS 110, 1241, SB AND SC ADDED; NOTES 31 & 32 MODIFIED; SL ITEMS 1516, 2595 & 2625 ADDED, ITEMS 1860 & 1870 CONNECTING INFO ADDED TO DESCRIPTIONS; TABLE RS CLEI LABEL INFO ADDED.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-5 CHANGE CLASS: B</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 07/10/97	ISSUE: 3
<p>CN74805NW - STOCKLIST ITEMS 1540, 1705 AND 3350 ADDED. ECR 970919.1 - STOCKLIST ITEMS 1515 & 1516 LINED OUT, ITEMS 1517 & 1518 ADDED. ECR 714 - TABLE A, GROUP 15, IN DESCRIPTION, REF TO GROUP 10 REMVD, GROUP 16, REF TO "2.5GB" ADDED, GROUP 17 ADDED, STOCKLIST ITEM 1570 ADDED, MISC TABLES CHANGED ACCORDINGLY. POINT ISSUES - TABLE A GROUPS 5, 10 & 20 REF TO GROUP 1A ADDED, GROUP 100, REF TO GROUP 1 REMVD, GROUP 300, DESC REF TO "TWO RS232 LINKS" READ "FOUR"; NOTE 33, REF TO "0484" READ "0280", NOTE 39 ADDED; IN SL, ITEM 2110 ADDED, ITEMS 1310 & 1320, REF TO NOTE "18" READ "19", ITEM 1475, EQPT POS "P05 & P06" READ "P04 & P05", ITEMS 3300, 3305, 3315 & 3320 EQPT POS MODIFIED, 3330, QTY "2", "2" READ "1", ITEMS 2050 & 2055 PROD ID READ "ED5A079-30,G40" & "ED5A079-30,G42" RESPY, MISC TABLES CHG ACCORDINGLY; SHT B10, "VIEW C-C" ADDED.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-9 CHANGE CLASS: B</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 02/26/98	ISSUE: 4
<p>FILT - TABLE A, GROUP AA, IN DESC. REF TO "GROUP 20" AND "MODEL 1" ADDED, GROUP AC AND REF TO ADDED, SL ITEM 5030 ADDED. H8351 - GROUPS 101, 102, 500, 510, 520, 530, 540, 550, 560 AND REF TO ADDED, SL ITEMS 2580 & 2590, GROUP READ "100" ITEMS 2582 & 2592 ADDED. PTISS - SL ITEM 1430, 1705, 1750, 3325, 3326 & 3350 PROD ID READ "847901352", "407789593", "407694579", "407470376", "472182260" & "407789601" RESPECTIVELY; CHANGES MADE TO MISCELLANEOUS TABLES.</p>				
<p>ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-10 CHANGE CLASS: B</p>				
DRAFT: TMR	ENGR: TMR	SUPV: RKP	CERTIFIED: 04/30/98	ISSUE: 5

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ISSUE											
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SHT NBR	B12	B13	B14	B15	B16	B17	B18	B19	B20		
ISSUE	2	8	1	8	1	1	1	2	8		
SHT NBR	E1	E2	E3	E4	E5						
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REPLACES	ED1S015-60	BT13
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS		DWG SIZE C2
ADVANTAGE CONTROL SERVER CABINET		ISSUE 14
LUCENT TECHNOLOGIES INC	ED1S015-61	SHEET A1 OF 59

ENGINEERING NOTES

***** CONTINUED *****

4	6	0	2	EQL 29
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V.35, X.25 PADDLEBOARD ASSIGNMENTS VIEWED FROM THE REAR OF THE CABINET. (MAXIMUM CONFIGURATION FOR SCP MODEL 2, R8 THRU R92)

NOT USED		X.25		
5	7	1	3	EQL 33
4	6	0	2	EQL 29

V.35, X.25 PADDLEBOARD ASSIGNMENTS VIEWED FROM THE REAR OF THE CABINET. MAXIMUM CONFIGURATION FOR SCP MODEL 2, R92.50 AND UP.

X.25	NOT USED	X.25	
5	7	1	3
4	6	0	2

- 66. WHEN ORDERING CABINET ADDRESS LABELS SPECIFIC STAMPING INFORMATION MUST BE SPECIFIED PER ED1S001-11 TABLE AA PER JOB SPECIFICATIONS.
- 67. THIS EQUIPMENT IS FOR REPLACEMENT OR SPARING PURPOSES ONLY AND IS NOT REQUIRED FOR INITIAL ORDERS.
- 68. FILLER PANELS ARE REQUIRED IN ALL UNUSED CIRCUIT PACK POSITIONS.
- 69. WHEN SPARE "PLUG IN" APPARATUS IS ORDERED FROM TABLE RS INSURE THAT THE ASSOCIATED CLEI LABELS ARE ALSO ORDERED AND AFFIXED TO THE EQUIPMENT.
- 70. MEDIA UNIT SCSI DISK ADDRESS SWITCHES ARE TO BE SET AS FOLLOWS ON THE UNIT FRONT PANEL FOR MU-0 AND MU-1.

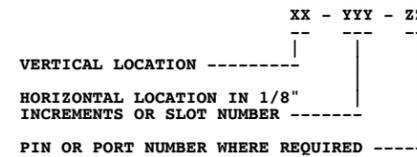
SCSI DISK POSITION	SWITCH SETTING
2	1
3	2
4	3
5	4
6	5
7	6
8	6
9	5
10	4
11	3
12	2
13	1

- 71. THE SECOND MEDIA UNIT (MU1) IS AN OPTIONAL FEATURE FOR CABINETS PROVIDED WITH PROGRAM RELEASE R7 AND LATER.
- 72. GROUPS 10, 11, AND 20 ARE MUTUALLY EXCLUSIVE.
- 73. A CONTINUOUS LOOP MUST BE FORMED THROUGH THE V.35 PADDLE BOARDS, (USED IN X.25 AND SS7 APPLICATIONS), LOCATED ON THE DISTRIBUTION PANELS AND IN THE RCU UNIT. THE LOOP MUST RUN FROM THE HIGHEST EQUIPPED RS232 BOARD THROUGH THE LOWEST TO THE HIGHEST EQUIPPED SS7 BOARD THROUGH THE LOWEST TO THE HIGHEST EQUIPPED X.25 BOARD THROUGH THE LOWEST AND BACK TO THE HIGHEST EQUIPPED RS232 BOARD. IF ANY OF THE BOARDS ARE UNEQUIPPED IN ANY OF THE LOCATIONS THE JUMPER WILL BE RUN FROM THE AUX 0 PORT ON THE LAST EQUIPPED BOARD TO THE AUX 1 PORT ON THE NEXT EQUIPPED BOARD IN THE LOOP EXCEPT THE FIRST AND LAST LEADS IN THE LOOP, (SEE FIGURE J AND TABLES M1 AND M2 FOR SPECIFIC WIRING).
- 74. EQUIPMENT SPARING REQUIREMENTS ARE TO BE DETERMINED FOR EACH INSTALLATION DEPENDANT ON THE LEVEL OF RELIABILITY AND REDUNDANCY DESIRED BY THE CUSTOMER. RECOMMENDED SPARES FOR NORMAL

CONTINUED ON NEXT SHEET

ENGINEERING NOTES

- 51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH LUCENT TECHNOLOGIES PRACTICES - NONE.
- 52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.
- 53. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATES HORIZONTALLY LINED OUT INFORMATION.
- 54. THIS CABINET TO BE INTEGRATED AND SUPPLIED BY:
CARLO GAVAZZI, INC.
MUPAC BUSINESS UNIT
10 MUPAC DRIVE
BROCKTON, MA 02401
TEL. (508) 588-6110, FAX. (508) 588-0498
- 60. THE CONTROL SERVER CABINET DIMENSIONS ARE AS FOLLOWS:
LENGTH - 762MM (30 IN)
WIDTH - 600MM (23.6 IN)
HEIGHT - 1829MM (72 IN)
416MM (16.4 IN) IS REQUIRED FOR DOOR CLEARANCE FRONT AND REAR.
WEIGHT - 1362KG (300 LBS) MAXIMUM GROWTH - 4082KG (900 LBS).
- 61. THE CONTROL SERVER CABINET REQUIRES EIGHT -48 VOLT AND RETURN FEEDER CIRCUITS FROM THE OFFICE POWER PLANT, REMOTE SITE POWER CABINET OR ADVANTAGE MISCELLANEOUS CABINET SPLIT EVENLY BETWEEN BUS A AND BUS B. THESE REQUIRED POWER FEEDERS ARE PROVIDED IN THE HARDWARE KIT(G40). SEE ED1S017-10 FOR METHOD OF INSTALLATION.
- 62. EQUIPMENT LOCATIONS REFERRED TO IN THIS DRAWING INDICATE THE PHYSICAL LOCATION OF THE EQUIPMENT, IN INCHES, IN THE CABINET ASSIGNED AS FOLLOWS:



- 63. FOR SERVICE NODE AND SERVICE CONTROL POINT THE ADVANTAGE CONTROL SERVER CABINET (ACSC) IS ORDERABLE "ONLY" IN ONE OF THE FOLLOWING CONFIGURATIONS BUT IS CONFIGURED DIFFERENTLY DEPENDING ON SOFTWARE RELEASE.

A1.	CONFIGURATION	SEE TABLE
	SERVICE CONTROL POINT - MODEL 1	B
	SERVICE CONTROL POINT - MODEL 2	B1
	SERVICE NODE	B2

- A2. THE ACSC IS ARRANGED TO SUPPORT A MAXIMUM OF TWENTY-FOUR RS232 PORTS (0 TO 23). RS232 PORTS 0 TO 15 ARE ALWAYS FURNISHED AND ARE ASSIGNED PER SD1S010-01. PORTS 16 TO 19 ARE AVAILABLE ON MODEL 1 SCP AND THE SN FOR CUSTOMER ASSIGNMENT. PORTS 16-23 ARE AVAILABLE ON MODEL 2 SCP FOR CUSTOMER ASSIGNMENT.

- 64. ALL SYSTEM AIR FILTERS ARE TO BE REPLACED PRIOR TO TURNOVER TO THE CUSTOMER. ORDER PER GROUP AA,AC, OR AD.
- 65. ROCKETPORT RS232 MODULE ASSIGNMENTS VIEWED FROM REAR OF CABINET.

15	7	15	7
11		01	
8	0	8	0

V.35, X.25/SS7 PADDLEBOARD ASSIGNMENTS VIEWED FROM REAR OF CABINET. (MAXIMUM CONFIGURATION FOR MODEL 1).

SS7	X.25	
5	7	1
		3

EQL 33

CONTINUED TO THE LEFT

ISSUE NOTES (CONTINUED)

H8625: CHANGES FOR THE SUPPORT OF 12 X.25 LINKS IN SCP M2 EN: MODIFIED NOTE 83 TO INCLUDE 700 SERIES GROUPS. TA: ADDED GROUPS 505, 691, 692, 701, & 702. ST: ADDED ITEMS 1226, 1228, 1575, 6160, & 6165. S: MODIFIED ITEMS 1000-1090, 1105, 1120-1150, 1165-1225, 1230, 1241-1250, 1270-1290, 1301-1420, 1430-1476, 1517-1540, 1572, 1600-1710, 2100-2110, 4550-4565, 6000-6015, 6060-6065, 6091-6095, 6125-6130, 6170-6190, 6210, 6260-6280, 6291, 6301-6410 TO SHOW THE NEW GROUPS.

ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-16 CHANGE CLASS: B

DRAFT: CED ENGR: CED SUPV: RKP CERTIFIED: 06/18/99 ISSUE: 10

H8692: DA G505 AND ADD G505A TO REMOVE THE IDE DRIVES, CROSSOVER CABLES, AND ADD HUBS, STRAIGHT CABLES, AND HARDWARE. DA G100 AND ADD G100A TO INCLUDE NEW TERMINALS AND NEW RS232 CABLES. DA G115 & G120, ADD G115A & G120A WITH NEW RS232 CABLES. REVISED THE RECOMMENDED SPARES FOR COOLING UNIT FAN CONTROLLER. ADDED TO ST ITEMS 1350 & 1360 CABLE MANAGER & COVER. H8717: ADDED GROUPS 11, 19, 61, 251, 352, 511, 525, 561 AND REF TO FOR MODEL 2+ WITH R94. MISCELLANEOUS TABELS CHANGED TO REFLECT NEW ITEMS. ADDED TABLES B3 & CC4.

ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-17 CHANGE CLASS: B

DRAFT: CED ENGR: CED SUPV: RKP CERTIFIED: 08/24/99 ISSUE: 11

ENG NOTES: ADDED 93, CHANGED 64 TO INCLUDE GAD. TABLE A: CHANGED G2 DESC TO INCLUDE M2+, AND ADDED REF TO NOTE 68 CHANGED G5 DESC TO INCLUDE G35 REF; CHANGED G10, G11, & G20 TO REF NOTE 68; CHANGED G19 DESC WAS R94; ADDED G26; CHANGED G35 DESC TO INCLUDE M2+; CHANGED G51 DESC, WAS ZONE 2, 3, & 4; CHANGED G90, G91, G200, G251, G520, G560, & G561 TO REF NOTE 93 ADDED GROUP AD. DA GROUPS 100, 115, & 120.

MFG NOTES: ADDED 42 STOCKLIST: MODIFIED 1462, 1467, 1480, 1481, 1522, 1523, 1526, 1527, 1532, 1536, 1545, 1580, 1720, 1721, 2080, 2095, 3330, 3335, 3340, 3350, 4065, 5010, 5020. ADDED 1485, 1486, 2091, 2096, 2122, 5040, 1725, AND 1728. MISC TABLES: CHANGED REC 600 LINE 700 & 712

ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-19 CHANGE CLASS: B

DRAFT: CED ENGR: CED SUPV: RKP CERTIFIED: 01/11/00 ISSUE: 12

ADDED TABLE A ITEMS 3, 27, 36, 99. MODIFIED 5, 11, AD. ADDED STOCK LIST ITEMS 1132, 1168, 1169, 1172, 1173, 1221, 1242, 1221, 1242, 1423, 1706, 1707, 1708. MODIFIED 1000, 1010, 1020, 1040, 1050, 1060, 1070, 1080, 1090, 1105, 1120, 1140, 1150, 1180, 1181, 1200, 1210, 1228, 1230, 1235, 1241, 1250, 1260, 1266, 1270, 1280, 1281, 1290, 1301, 1310, 1325, 1330, 1340, 1350, 1360, 1370, 1380, 1390, 1400, 1410, 1420, 1430, 1440, 14450, 1810, 1820, 1840, 1841, 1860, 1870, 1940, 1951. ADDED ENGINEERING NOTE 94, 95. ADDED "MT" B4 AND CC5. MODIFIED "MT" B3, FR, FS, RS,

ORIG ISS: 04/15/97 NDD NBR: NDD1S015NW-20 CHANGE CLASS: B

DRAFT: RRP ENGR: RRP SUPV: RKP CERTIFIED: 05/15/00 ISSUE: 13

TABLE A, ADDED 21, 28, 61A, 545. TABLE A MODIFIED 61, 100A, 352. STOCKLIST ADDED 1243, 1519, 1528, 1574, 1582, 2121, 2123, 2512, 4800, 4810. STOCK LIST LINED OUT 1242, 1517, 1518, 1526, 1527, 2501, 2515. RS TABLE, B3 TABLE, B4 TABLE MODIFIED. ENGINEERING NOTES ADDED 96, 97, 98, 99.

ORIG ISS: 04/15/97 CHANGE CLASS: B

DRAFT: RRP ENGR: RRP SUPV: RKP CERTIFIED: 03/22/01 ISSUE: 14

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ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

BT13

DWG SIZE C2 ISSUE 14

LUCENT TECHNOLOGIES INC ED1S015-61

SHEET A2 OF 59

ENGINEERING NOTES

***** CONTINUED *****

- 93. GROUPS 90 & 91 PROVIDE V.35 EXTENSION CABLES IN 20FT AND 50FT LENGTHS FOR CONNECTING THE X.25 LINKS FROM THE ACSC PATCH PANEL TO THE DSU IN THE MISCELLANEOUS CABINET. THE CABLES ARE EQUIPPED WITH V.35 MALE PLUGS ON EACH END. PROVIDE 2 CABLES FOR EACH OF GROUPS 200, 250, 251, 520, 560, 561.
- 94. THE GROUP 3, 27 AND 36 ARE ADDED MAINLY TO SUPPORT ECS (SCP) MODEL 2 ULTRA+. THIS PRODUCT IS THE FOLLOWON ON PRODUCT AFTER SCP MODEL 2+. THE FOLLOWING ARE THE KEY DIFFERENCES:
 - 1. UW SCSI HOST ADAPTERS INPLACE OF NARROW SCSI HOST ADAPTER USED ON M2+. SAME NUMBER OF PACKS AND SAME PHY. LOCATION IN CC'S.
 - 2. UW SCSI SWITCH IN PLACE OF SCSI SWITCH USED ON M2+
 - 3. UW SCSI MEDIA UNIT IN PLACE OF MEDIA UNIT USED ON M2+
 - 4. UW SCSI 18 GB DRIVE (14 PER MU) IN PLACE OF 9 GB DRIVE (12 PER MU) USED ON M2+
 - 5. UW SCSI CABLE IN PLACE OF SCSI CABLE USED IN M2+. ALL OTHER CABLES INCLUDING POWER CABLES GOING IN/OUT OF THE MEDIA UNIT ARE THE SAME EXCEPT FOR THE SCSI CABLE. ALSO THERE IS NO CHANGE TO THE ROUTING OR CABLE POSITION RELATIVE TO M2+.
 - 6. UW SCSI USES THE SAME SCSI POWER SUPPLY THAT IS CURRENTLY USED IN M2+.
 - 7. SCSI TERMINATOR IS NOT REQUIRED FOR SCP M2 ULTRA+
 - 8. CABLE RETAINER BRACKET FOR THE SCSI CABLE IS DIFFERENT FOR THE SCP M2U+ COMPARED TO THE ONE USED ON SCP M2+
 - 9. STOCK LIST ITEMS ASSOCIATED WITH 3, 27 AND 36 WILL PROVIDE ALL DETAILS OF COMCODES ETC.
 - 10. UW SCSI RUNS FASTER AT 40 MB/SEC COMPARED TO 5 MB/SEC ON THE MEDIA UNIT USED ON M2+.
- 95. EDS (SDP) IS AN SCP WITHOUT A TELICOM SERVER CABINET. THE CABLES GOING TO TELECOM SERVER FROM SCP WILL LOOP BACK BETWEEN CCO AND CCL. REFER TO STOCK LIST ITEM ASSOCIATED WITH GROUP 99 FOR DETAILS.
- 96. LIST 545 IS A FIELD GROWTH KIT FOR 8GB MEMORY FEATURE. THE UPGRADE INCLUDES TO PROVIDE THE FACTORY TESTED 8GB MEMORY BOARD EQUIPPED WITH THE DIMM MODULES (TOTAL OF 32 MODULES EACH 256KB. NEVER UPGRADE THE EXISTING BOARD TO 8GB MEMORY. THIS WILL NOT WORK. ALSO THE CUSTOMER NEED TO CARRY THE 8GB MEMEORY BOARD EQUIPPED WITH DIMM MODULES (COMCODE 408539674) AS A SPARE PART. THE RS TABLE HAS BEEN UPDATED FOR SPARING. WHILE ORDERING LIST 352 FOR (ONLY FOR 8GB MEMORY) NEW SHIPS, BE SURE THAT IT WILL BE SUPPORTED BY THE SPARES PROGRAM FOR THE COMCODE 408539674.
- 97. THIS IS R04 SCSI DISK (408486793) AND IS SUPPORTED BY THE ED GROUP 21 ON THIS DRAWING. ANY CUSTOMER ORDERS PRIOR TO THIS DRAWING RELEASE WILL BE COVERED BY GROUP 19 ON THIS DRAWING - (R9 SCSI DISK - 408486018).
- 98. THIS IS A R04 IDE BOOT DISK (408486801). THIS IS SUPPORTED BY THE ED GROUP 28 ON THIS DRAWING. ANY CUSTOMER ORDERS PRIOR TO THIS DRAWING RELEASE WERE COVERED BY GROUP 18 ON THIS DRAWING - (R9 IDE DISK - 408091833).
- 99. LMT BASE (CC 408188290) FOR LMT/EIA TERMINAL AND LMT/EIA TERMINAL (407168293) HAS BEEN REPLACED BY VIDIO TERMINAL EQUIPPED WITH THE BASE (CC 408368272)

ENGINEERING NOTES

***** CONTINUED *****

- 9GB DISKS WILL WORK INDIVIDUALLY OR IN A FULL MEDIA UNIT FOR DISK PARTITIONS SMALLER THAN 9GB (SUCH AS 2GB OR 4GB) BUT THAT SMALLER PARTITION IS ALL THE DISK SPACE THAT WILL BE AVAILABLE FOR DATA STORAGE.
- 87. CURRENT SENSOR MODULE REPLACEMENT RULES FOR SCP MODEL 2.
 - 1. 12V MODULE 407973924 CAN BE DIRECTLY REPLACED BY 408002509.
 - 2. 5V MODULE 407967587 CAN BE REPLACED BY 5V MODULE 408002491, IF 12V MODULE 408002509 IS ALSO INSTALLED. IF 12V MODULE IS NOT 408002509, THEN IT MUST ALSO BE REPLACED.
- 88. A SPARE ALARM RELAY UNIT CAN BE ORDERED IF DESIRED BY THE CUSTOMER, HOWEVER, IT MUST BE ACCOMPANIED BY THE FINAL ASSEMBLY KIT WHICH INCLUDES THE TERMINALS FOR THE POWER CONNECTIONS. ORDER THE FOLLOWING ITEMS FOR A COMPLETE REPLACEMENT:
 - 1 J1P158C-2 L1 & L5, ARU WITH -48VDC POWER SUPPLY,
 - 1 847797560, FINAL ASSEMBLY KIT,
 - 1 847962917, ARU TO RCU CABLE.
- 89. THIS GROUP PROVIDES REPLACEMENT CABLES FOR THE CONSOLES (SPLITTERS TO TERMINAL), LMT(RCU TO TERMINAL), AND EAI(RCU TO TERMINAL) FOR THE SCP OR SN. IT ALSO PROVIDES A CABLE FOR THE ROP(PRINTER). THE STANDARD CABLES WHICH ARE PART OF GROUP 100 PROVIDE A MAXIMUM LENGTH OF 50FT. USE THIS GROUP WHEN AN EXTENDED DISTANCE IS REQUIRED FROM THE SCP/SN CABINET TO THE VIDEO DISPLAY TERMINALS.
- 90. BEGINNING WITH THE USE OF R9 IDE DRIVES, THE DRIVE ITSELF IS MOUNTED ON A SHUTTLE PLUG-IN MODULE. THIS MODULE IS FULLY COMPATIBLE WITH OLDER SYSTEMS. AN UPGRADE CAN BE MADE TO OLDER SYSTEMS TO CONVERT THEM TO USE A SHUTTLE WHICH ALLOWS FOR EASIER DRIVE REPLACEMENT, SINCE NO ELECTRICAL CONNECTIONS NEED BE MADE WHILE TRYING TO INSTALL THE DRIVE IN THE CHASSIS. TO CONVERT OLDER EQUIPMENT TO USE THE SHUTTLE WITH THE EXISTING SYSTEM DRIVES, ORDER 2 OF COMCODE 408091882.
- 91. SCP MODEL 1 SYSTEMS CAN BE CONVERTED TO THE ACTIVE/ACTIVE TYPE ARCHITECTURE. THE CONVERSION REQUIRES MOVING THE 10MB ETHERNET CARD FROM SLOT E2 TO SLOT E1. THEN ADD 2 100MB ETHERNET CARDS IN SLOTS E2 & E3 IN EACH CONTROL COMPUTER. MOUNT THE 2 ETHERNET HUBS ON THE ANGLED SHELF IN THE ACS CABINET. CONNECT ONE ETHERNET CARD IN EACH CC TO EACH HUB USING THE CAT5 CABLES PROVIDED(STRAIGHT THRU CABLES)
- 92. SILKSCREEN LABEL INFORMATION FOR THE RCU FLANGES(FRONT & REAR).

RCU	SILKSCREEN LABEL BY APPLICATION
SLOT << SN >>	<<SCPM2>>
0 & 1	WD WD
2	PD-0 PD-0
3	PD-1 PD-1
4	PD-2 PD-2
5	PD-3 PD-3
6	RS232 RS232
	SW-0 SW-0
7	PD-4 PD-4
8	X.25 X.25
	SW-0 SW-0
9	PD-5 PD-5
10	RS232 RS232
	SW-1 SW-1
11	PD-6 PD-6
12	X.25 X.25
	SW-1 SW-1
13	PD-7 PD-7
14	RS232 RS232
	SW-2 SW-2
15	PD-8 PD-8
16	X.25 X.25
	SW-2 SW-2
17	PD-9 PD-9
18	RS232 RS232
	SW-3 SW-3
19	PD-10 PD-10
20	X.25 X.25
	SW-3 SW-3
21	PD-11 PD-11
22	RS232 RS232
	SW-4 SW-4
23	PD-12 PD-12
24	SS7 X.25
	SW-4 SW-4
25	PD-13 PD-13
26	SS7 X.25
	SW-5 SW-5
27	PD-14 PD-14
28	RS232 RS232
	SW-5 SW-5
29	PD-15 PD-15

----- CONTINUED TO THE LEFT -----

ENGINEERING NOTES

***** CONTINUED *****

- SYSTEM RELIABILITY IS LISTED IN TABLE "RS" ALTHOUGH ANY ITEM IN THIS DRAWING MAY BE SPARED, IN ANY QUANTITY, AT THE CUSTOMERS DISCRETION.
- SOME COMMON SPARES LISTED IN THIS DRAWING MAY ALSO BE USED IN THE ED1S018-60 ADVANTAGE TELECOM SERVER CABINET (ATSC). IT IS NOT NECESSARY TO STOCK SEPERATE SPARES FOR EACH CABINET.
- 75. THE CUSTOMER MUST PROVIDE PROTECTED AC POWER FOR THE TERMINALS AND PRINTER AS PART OF SITE PREPARATION.
- 76. GROUPS 350 AND 351 ARE MUTUALLY EXCLUSIVE, ONE IS ALWAYS REQUIRED. EACH GROUP PROVIDES DEDICATED (I.E. 2) DRAM SIMM MODULES, ONE FOR EACH CC. BOTH CPU'S MUST BE CONFIGURED WITH EQUAL AMOUNTS OF DRAM.
 - GROUP 350 - MIN. 256MB MAX. 512MB
 - GROUP 351 - MIN. 128MB MAX. 256MB
- 77. THE CABINET INTEGRATOR IS RESPONSIBLE FOR VERIFYING APPROPRIATE PRODUCT LABELING PER REQUIREMENTS OUTLINED IN NOTES 30, 31 AND 32. CABINET INTEGRATOR IS ALSO RESPONSIBLE FOR CREATING AND MAINTAINING A DATABASE OF PRODUCT SERIALIZATION AND TRACKING INFORMATION. THIS DATABASE IS TO CONTAIN RECORDS OF ALL LUCENT TECHNOLOGIES PLUGGABLE APPARATUS SERIAL NUMBERS INSTALLED INTO A GIVEN CABINET ON A PER ORDER BASIS. IF SUBRACK LEVEL SERIALIZATION LABELS ARE ALSO UTILIZED, THE CONTENTS OF A GIVEN SUBRACK (ON A SERIAL NUMBER BASIS) ARE TO BE RECORDED AND CORRELATED WITH THE SUBRACK SERIAL NUMBER. THE DATA IS TO BE MADE AVAILABLE TO LUCENT TECHNOLOGIES ON AN AGREED-TO SCHEDULE FOR UPLOADING INTO THE WARRENTY ELIGIBILITY SYSTEM. INFORMATION ON THE REQUIRED FORMAT FOR THE DATA CAN BE OBTAINED FROM:
 - A.L. FITZGERALD - LUCENT TECHNOLOGIES
 - (708) 955-4493
- 78. REFER TO DRAWING SD1S010-01 FOR DETAILED SCP AND SN SYSTEM INTERCONNECTION AND FLOOR PLAN INFORMATION. REFER TO ED1S017-10 FOR DETAILED SCP AND SN SYSTEM POWER AND GROUNDING INFORMATION.
- 80. UNDER NORMAL CIRCUMSTANCES PLASTIC CABLE TIES WILL BE USED TO SECURE INTRA-CABINET CABLING TO THE FRAMEWORK. IF A CUSTOMER HAS SPECIFIC RESTRICTIONS AGAINST THEIR USE, GROUP "AB" SHOULD BE SPECIFIED TO PROVIDE FOR THE USE OF WAXED TWINE CABLE TIES. (SEE NSP 800-612-153 FOR SPECIFIC REQUIREMENTS).
- 81. POWER CORDS FOR INTERNATIONAL PRINTERS AND TERMINALS ARE TO BE SECURED LOCALLY BY THE "IN COUNTRY" INSTALLATION ORGANIZATION.
- 82. GROUPS 1000, 1010 AND 1020 ARE MUTUALLY EXCLUSIVE, ONE GROUP MUST BE ORDERED PER SYSTEM.
- 83. GROUPS 600 THROUGH 702 ARE MUTUALLY EXCLUSIVE, AND PROVIDE A COMPLETELY CONFIGURED CONTROL SERVER CABINET. ALWAYS ORDER THE FOLLOWING ADDITIONAL ITEMS WITH THESE GROUPS:
 - A) G40 HARDWARE KIT, (DOORS, FUSES, STANDARD ANCHORS, ETC.)
 - B) G80(115VAC) OR G85(220VAC) PRINTER
 - C) G100 PERIPHERAL KIT, (TERMINALS, SPLITTERS, CABLES, ETC.)
 - D) G101(450FT) OR G102(200FT) ARU CABLE SET
 - E) GAA(MODEL 1) OR GAC(MODEL 2) AIR FILTER KIT
 - IN ADDITION, THE FOLLOWING OPTIONAL ITEMS SHOULD BE SPECIFIED WHEN NEEDED.
 - F) G50 OR G51 ANCHOR KITS, (HIGHER NUMBERED EARTHQUAKE ZONES)
 - G) G90(20FT) OR G91(50FT) V.35 EXTENSION CABLES
 - H) G110 CABLES, RCU TO ASYNCHRONOUS MODEM (RJ45 TO DB25)
 - I) G150 ADDITIONAL UNIX TERMINAL
- 84. WHEN ADDING RS232 LINKS TO A SYSTEM EQUIPPED WITH 16 LINKS: FOR MODEL 1 SCP OR SN, PROVIDE 1 GROUP 570 AND MAX 1 GROUP 530. FOR MODEL 2 SCP, PROVIDE 1 GROUP 570 AND 1 OR 2 GROUP 530. GROUP 570 IS REQUIRED ONLY FOR THE FIRST GROUP 530 ADDED. (MODEL 1 HARDWARE IS LIMITED TO 20 LINKS MAX, MODEL 2 HARDWARE IS LIMITED TO 24 LINKS MAX)
- 85. THIS FEATURE REQUIRES R85 SOFTWARE UPDATE OR LATER. THE HUBS ARE DUAL SPEED 10/100MB AUTO SENSING, 8 PORT, 48VDC. CABLING TO CONNECT TO THE CUSTOMER LAN/WAN EQUIPMENT IS NOT INCLUDED.
- 86. TO UTILIZE THE FULL CAPABILITY OF THE 9GB DISKS, THE SOFTWARE MUST BE R91 OR LATER, AND ALL DISK PARTITIONS SET FOR 9GB. THE

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BT13

ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SEVICE NODE AND
SEVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

DWG SIZE C2 ISSUE 14

TABLE A-FEATURES											
EQUIPMENT		RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
FRAMEWORK, ASSEMBLY, WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE CONTROL SERVER CABINET (ACSC) DA EFF:07/10/97 FE:ED1S015-61,G1A	54 66	DA	1	1	ED5D785-70	1A,4					
FRAMEWORK, ASSEMBLY, WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE CONTROL SERVER CABINET (ACSC) REPL:ED1S015-61,G1 DA EFF:11/15/98 FE:ED1S015-61,G1B	54 66	DA	1A	1	ED5D785-70	1A,4					ML
FRAMEWORK, ASSEMBLY, WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE CONTROL SERVER CABINET (ACSC) FOR ANS SN SYSTEM ONLY.(4GB DISK IN MU) INCLUDES:FRAME, EMC CHANNELS, MFFU, BASIC RCU, 1ST MU, & CU REPL:ED1S015-61,G1A	54 66		1B	1	ED5D785-70	1A,4					ML
FRAMEWORK, ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE CONTROL SERVER CABINET (ACSC) FOR AN SCP MODEL 2 OR MODEL 2+ ONLY. (9GB DISKS IN MU) INCLUDES:FRAME, EMC CHANNELS, MFFU, BASIC RCU, 1ST MU, & CU REPL:ED1S015-61,G1A	54 66 68 86		2	1	ED5D785-70	1A,4					ML
FRAMEWORK, ASSEMBLY WIRING AND COMMON EQUIPMENT ALWAYS REQUIRED TO PROVIDE ONE ADVANTAGE CONTROL SERVER CABINET (ACSC) FOR AN ECS (SCP) MODEL 2 ULTRA+ (18 GB DISKS IN MU) INCLUDES:FRAME, EMC CHANNELS, MFFU, BASIC RCU, 1ST MU, & CU	54 66 68 86 94		3	1	ED5D785-70	1A,4					ML
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1,1A,1B, 2 & 3 WITHOUT GROUP 30 OR G35 PROVIDES PLENUM KIT.			5								SL
EQUIPMENT AND WIRING REQUIRED IN ADDITION TO GROUP 1, 1A, 2 TO PROVIDE ONE SET OF CONTROL COMPUTERS FOR MODEL 2 (SMP) PLATFORM.	68 72		10								SL
EQUIPMENT AND WIRING REQUIRED IN ADDITION TO GROUP 2 OR 3 PROVIDE ONE CONTROL COMPUTER CHASSIS FOR MODEL 2+ OR MODEL 2 ULTRA+. PROVIDE 2 PER GROUP 2 OR 3 INCLUDES CHASSIS, CDROM, FLOPPY DRIVE, DAT TAPE DRIVE, POWER SUPPLY, CABLE ARM, RS232 INTF CP 2 ENET CP, I/O CP, MEMORY BOARD, INT SCSI CABLE, EXT TERMINATOR, ALARM BOARD, BACKPLANE, AND CURRENT MONITOR CPS.	68 72		11								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 TO PROVIDE ONE SET OF IDE DISK DRIVES, EQUIPPED WITH R8 SOFTWARE.			15								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 TO PROVIDE ONE SET OF IDE DISK DRIVES, EQUIPPED WITH R7 SOFTWARE.			16								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 TO PROVIDE ONE SET OF IDE DISK DRIVES, EQUIPPED WITH R8 SOFTWARE (FOR USE WITH SMP FEATURE.)			17								SL
TABLE-A CONTINUED											

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TABLE A-FEATURES (CONTINUED)											
EQUIPMENT		RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 OR GROUP 20 TO PROVIDE 1 SET OF IDE DISK DRIVES EQUIPPED WITH R9 SOFTWARE AND SHUTTLE PACK HARDWARE. (6GB)	90		18								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR 525 TO PROVIDE SCSI BOOT DISK DRIVES FOR ONE CONTROL COMPUTER CHASSIS. EQUIPPED WITH R9 SOFTWARE PROVIDE 1 PER GROUP 11 OR 525.			19								SL
EQUIPMENT AND WIRING REQUIRED IN ADDITION TO GROUP 1, 1A, & 1B TO PROVIDE ONE SET OF CONTROL COMPUTERS FOR MODEL 1 PLATFORM.	68 72		20								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR 525 TO PROVIDE SCSI BOOT DISK DRIVES FOR ONE CONTROL COMPUTER CHASSIS. EQUIPPED WITH R04 SOFTWARE PROVIDE 1 PER GROUP 11 OR 525.	97	GA	21								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 OR 20 TO PROVIDE FOUR SCSI HOST ADAPTER CIRCUIT PACKS AND FOUR ACTIVE SCSI TERMINATORS. ONE GROUP 22 REQUIRED FOR EACH MU EQUIPPED. (MIN. ONE, MAX. TWO GROUP 22'S)			22								SL
APPARATUS REQUIRED IN ADDITION TO GROUP 20 TO PROVIDE ONE SET 10MB ETHERNET CONTROLLER CIRCUIT PACK. FOR SN & SCP SYSTEMS.			23								SL
APPARATUS REQUIRED IN ADDITION TO GROUP 20 TO PROVIDE ONE SET OF 100MB ETHERNET (EISA) CONTROLLER CIRCUIT PACKS. FOR SN SYSTEMS.			25								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR 525 TO PROVIDE TWO SCSI HOST ADAPTER CPS AND TWO ACTIVE SCSI TERMINATORS. ONE GROUP 26 REQUIRED FOR EACH MEDIA UNIT EQUIPPED FOR EACH G11 OR G525 ORDERED.			26								SL
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 PROVIDES TWO UW SCSI HOST ADAPTER CPS. ONE GROUP 27 REQUIRED FOR EACH MEDIA UNIT EQUIPPED FOR EACH G11 ORDERED FOR ECS (SCP) MODEL 2 ULTRA+ ONLY	94		27								SL
TABLE-A CONTINUED											

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ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET	
DWG SIZE C2	ISSUE 14
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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
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 OR GROUP 20 TO PROVIDE 1 SET OF IDE DISK DRIVES EQUIPPED WITH R04 SOFTWARE AND SHUTTLE PACK HARDWARE. (6GB)	98	GA	28								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 1, 1A, & 1B, TO PROVIDE A SECOND MEDIA UNIT (MU1) EQUIPPED IN THE CABINET. (4GB SCSI DISKS)	71		30								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE A SECOND MEDIA UNIT (MU1) EQUIPPED IN THE CABINET. (9GB DISKS) (SCP M2 AND M2+ ONLY)	86		35								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 3 TO PROVIDE A SECOND MEDIA UNIT (MU1) EQUIPPED IN THE CABINET (18 GB DISKS) ECS (SCP) ULTRA+ ONLY.	94		36								
EQUIPMENT REQUIRED TO PROVIDE ONE CABINET HARDWARE KIT. PROVIDES DOORS, INDICATOR STRIPS JUNCTIONING HARDWARE, POWER FEEDERS, FILTERS, FUSES AND ANCHORING HARDWARE FOR EARTHQUAKE ZONES 0, & 1.			40	1	ED5D785-70	2F, 3B, 3D					
				1	ED5D511-31	1					
				1	ED4A306-70	24					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 40 TO PROVIDE CABINET ANCHORING HARDWARE FOR A RAISED FLOOR IN EARTHQUAKE ZONES 2, 3 OR 4.			50	1	ED4A306-70	25					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 40 TO PROVIDE CABINET ANCHORING HARDWARE FOR A SLAB FLOOR IN EARTHQUAKE ZONES 3 OR 4.			51	1	ED5D511-31	11					
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 TO PROVIDE ONE SET CONTROL COMPUTER CPU CARDS FOR A MODEL 2 PLATFORM. (SMP CPU).			60								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR GROUP 525 TO PROVIDE 1 CPU MODULE ASSEMBLY. (PENTIUM 3 XEON, QUAD SMP, 500MH PROVIDE 1 PER G11 OR G525.		DA	61								
DA EFF:03/30/01 FE:ED1S015-61,G61											
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR GROUP 525 TO PROVIDE 1 CPU MODULE ASSEMBLY. (PENTIUM 3 XEON, QUAD SMP, 500MH PROVIDE 1 PER G11 OR G525.		GA	61A								
REPL:ED1S015-61,G61											
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20 TO PROVIDE ONE SET CONTROL COMPUTER CPU CARDS FOR A MODEL 1 PLATFORM. (P6 CPU).			70								
EQUIPMENT AND WIRING REQUIRED TO PROVIDE ONE PRINTER 110 VAC, 60 HZ (U.S. MARKETS).			80								
EQUIPMENT AND WIRING REQUIRED TO PROVIDE ONE PRINTER 230 VAC, 50 HZ (INTERNATIONAL MARKETS).	81		85								
CABLING REQUIRED TO PROVIDE ONE X.25/SS7 CABLE. V.35 PATCH PANEL TO MODEM RACK. (20 FEET)	93		90								

TABLE-A CONTINUED

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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
CABLING REQUIRED TO PROVIDE ONE X.25/SS7 CABLE. V.35 PATCH PANEL TO MODEM RACK. (50 FEET)	93		91								
ADDITIONAL ETHERNET CABLES REQUIRED FOR ESD (SDP) OFFERING. (ESD HARDWARE IS AN SCP W/O TELCOM SERVERS)	95		99								
EQUIPMENT AND WIRING REQUIRED TO PROVIDE A BASIC PERIPHERAL KIT. FE:ED1S015-61,G100A	75	DA	100								
EQUIPMENT AND WIRING REQUIRED TO PROVIDE A BASIC PERIPHERAL KIT. INCLUDES: 1 COLOR TERMINAL AND VIDEO DISPLAY, 1 MONOCHROME TERMINAL AND VIDEO DISPLAY, ARU KIT, AND INTRA-CONNECT CABLES. 1 REQUIRED PER SCP OR SN THIS GROUP REQUIRES ADDITIONAL CABLES TO THE DF, G101 OR G102 REPL:ED1S015-61,G100	99	GA	100A								
WIRING REQUIRED IN ADDITION TO GROUP 100 TO PROVIDE SIGNAL DISTRIBUTOR AND SCAN POINT CABLES FROM THE ARU TO DF. (450 FOOT LENGTH)										101	
WIRING REQUIRED IN ADDITION TO GROUP 100 TO PROVIDE SIGNAL DISTRIBUTOR AND SCAN POINT CABLES FROM THE ARU TO DF. (200 FOOT LENGTH)										102	
WIRING REQUIRED FOR REMOTE EAI LINK VIA MODEM. 1 GROUP PER SCP, WHEN MFOS INTERFACE IS NOT USED.										105	
CABLING REQUIRED TO PROVIDE ONE MODEM CABLE. RCU PADDLE BOARD TO MODEM RACK, (SCC, SCCI, RMT OR CUSTOMER ASSIGNED)										110	
CABLING REQUIRED TO PROVIDE EXTENDED RS232 LENGTH TO 150FT FOR CONSOLES, LMT, EAI, & ROP. REPLACES CABLES IN GROUP 100	89	DA	115								
FE:ED1S015-61,G115A											
CABLING REQUIRED TO PROVIDE EXTENDED RS232 LENGTH TO 150FT FOR CONSOLES, LMT, EAI, & ROP REPLACES CABLES IN GROUP 100A										115A	
REPL:ED1S015-61,G115											
CABLING REQUIRED TO PROVIDE EXTENDED RS232 LENGTH FOR 250FT. FOR CONSOLES, LMT, EAI, & ROP. REPLACES CABLES IN GROUP 100	89	DA	120								
FE:ED1S015-61,G120A											

TABLE-A CONTINUED

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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
CABLING REQUIRED TO PROVIDE EXTENDED RS232 LENGTH TO 250FT FOR CONSOLES, LMT, EAI, & ROP. REPLACES CABLES IN GROUP 100A. ML REPL:ED1S015-61,G120			120A								
EQUIPMENT AND WIRING REQUIRED TO PROVIDE ONE ADDITIONAL DUAL PORT RS232 UNIX TERMINAL. ML			150								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE ONE SET OF DUAL SS7 LINKS. (0, 2 OR 4 REQD FOR SCP) (0 OR 2 REQD FOR SN) MODEL 1 EQUIPMENT ONLY SL	93		200								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE ONE SET OF DUAL X.25 LINKS. (0, 2 OR 4 REQD FOR SN) (0, 2, OR 4 REQD FOR SCPM2 THRU R92.40) (0, 2, 4, OR 6 REQD FOR SCPM2 R92.5 AND UP) SL			250								
EQUIPMENT AND WIRING REQUIRED IN ADDITION TO G11 OR G525 TO PROVIDE 4 X.25 LINKS (2CARDS). INCLUDES Y CABLES, PATCH PANEL, A/B SWITCH, MULT CABLE, AND METRAL CABLE. PROVIDE MIN 2, MAX 3 PER G11 OR G525. SL	93		251								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE FOUR ADDITIONAL RS232 LINKS. (MAX 1 G300 FOR MODEL 1 SCP OR SN), (MAX 2 G300 FOR MODEL 2) SL			300								
WIRING AND EQUIPMENT REQUIRED IN ADDITION TO THE FIRST GROUP 300 TO PROVIDE ADDITIONAL RS232 PORTS. (MAX 1 GROUP 310) SL			310								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 60 OR 70 TO PROVIDE MEMORY, ONE SET OF SIMMS. (128MB SIMM MODULE). (FOR G60-1GB, PROVIDE 8) (FOR G60-2GB, PROVIDE 16) (FOR G70-512MB, PROVIDE 4) SL			350								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 60 OR 70 TO PROVIDE MEMORY, ONE SET OF SIMMS. (64MB SIMM MODULE). (FOR G60-512MB PROVIDE 8) (FOR G70-128MB, PROVIDE 2) (FOR G70-256MB, PROVIDE 4) SL			351								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR 525 TO PROVIDE 1GB DRAM MEMORY. PROVIDE MIN 1(1GB), OR 2(2GB), OR (4GB), OR MAX (8GB) PER G11 OR G525 INCLUDES 4 - 256MB DIMM MODULES SL	96	GA	352								
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10 TO PROVIDE ONE 8MM TAPE SYSTEM. CONSISTS OF ONE SCSI HOOST ADAPTER CARD AND ONE SCSI TERMINATOR PER CC. (MODEL 2 SCP ONLY) (MAX 1 PER SCP) SL			360								
WIRING AND EQUIPMENT REQUIRED IN ADDITION TO GROUP 2 TO PROVIDE TCP/IP INTERFACE FOR SMS. INCLUDES 2 HUBS, SHELF, CABLES, AND HARDWARE. FOR MODEL 2 SCP ONLY. 1 PER SCP SL	85		370								

TABLE-A CONTINUED

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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
EQUIPMENT REQUIRED TO PROVIDE FOUR SCSI HOST ADAPTER CIRCUIT PACKS AND FOUR ACTIVE SCSI TERMINATORS FOR GROWTH APPLICATIONS. (MAX. ONE GROUP 500) ML			500								
WIRING AND EQUIPMENT REQUIRED TO FIELD MODIFY THE HARDWARE OF A MODEL 1 SCP PRIOR TO RETROFIT FOR ACTIVE/ACTIVE OPERATION WITH RELEASE R9. INCLUDES E-NET CARDS E-NET CABLES, AND 6GB IDE R9 GOLDEN DISK DRIVE (NO SHUTTLE) ML DA EFF:08/11/99 RA:ED1S015-61,G505A	91	DA	505								
WIRING AND EQUIPMENT REQUIRED TO MODIFY THE HARDWARE OF A MODEL 1 SCP PRIOR TO RETROFIT FOR ACTIVE/ACTIVE OPERATION ON RELEASE R9. INCLUDES E-NET CARDS E-NET CABLES, E-NET HUBS, HUB POWER CABLES, MOUNTING HARDWARE. 1 PER SCP, MODEL 1 ONLY ML REPL:ED1S015-61,G505	91		505A								
EQUIPMENT REQUIRED TO PROVIDE A SECOND MEDIA UNIT RACK(MU1) FOR GROWTH APPLICATIONS. ML	71		510								
EQUIPMENT REQUIRED FOR GROWTH OF A SECOND MEDIA UNIT TO A FIELD CABINET(GROUP 2). (9GB DISKS) FOR SCP M2 OR M2+. PROVIDE 1 PER SCP ML	86		511								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE ONE SET OF DUAL SS7 LINKS FOR GROWTH APPLICATIONS. (0, 2 OR 4 REQD FOR SCP) (0 OR 2 REQD FOR SN) ML	93		520								
EQUIPMENT REQUIRED TO UPGRADE THE CONTROL COMPUTER CHASSIS OF A SCP M2 TO M2+. PROVIDE 2 PER SCP. INCLUDES CHASSIS, CDROM, FLOPPY DRIVE, DAT TAPE DRIVE, POWER SUPPLY, CABLE ARM, RS232 INTF CP 2 - ENET CPS, I/O CP, MEMORY BOARD, ALARM BOARD, BACKPLANE, CURRENT MONITOR CPS, INT SCSI CABLE, EXT SCSI TERMINATOR. ML			525								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE FOUR RS232 LINKS FOR GROWTH APPLICATIONS. (MAX. 2 SETS FOR MODEL 2SCP) (MAX 1 SET FOR MODEL 1 SCP OR SN) ML	84		530								

TABLE-A CONTINUED

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ADVANTAGE CONTROL SERVER CABINET

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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
EQUIPMENT REQUIRED TO PROVIDE GROWTH MEMORY, ONE 128MB SIMM MODULE, DUPLEX. (MODEL 2, 512MB TO 1GB, ORDER 8) (MODEL 2, 1GB TO 2GB, ORDER 8) (MODEL 2, 512MB TO 2GB, ORDER 16) (MODEL 1, 128 OR 256MB TO 512MB, ORDER 4)			540								
EQUIPMENT REQUIRED TO GROW A MODEL 2+ OR MODEL 2 ULTRA+ TO AN 8GB MEMORY. PROVIDES ONE MEMORY BOARD EQUIPPED WITH 32 (256MB) DIMM MODULES - FACTORY TESTED.	96	GA	545								
EQUIPMENT REQUIRED TO PROVIDE GROWTH MEMORY, ONE 64MB SIMM MODULE, DUPLEX. (MODEL 1, FROM 128MB TO 256MB, ORDER 2)			550								
WIRING AND EQUIPMENT REQUIRED TO PROVIDE ONE SET OF DUAL X.25 LINKS FOR GROWTH APPLICATIONS. (0, 2 OR 4 REQD FOR SCPM1, SN, OR SCPM2 UP TO R92.4) (0, 2, 4, OR 6 FOR SCPM2 W/R92.5 AND UP)	93		560								
WIRING AND EQUIPMENT REQUIRED TO GROW X.25 LINKS ON SCPM2+. INCLUDES 2 X25 INTF CARDS, 1 A/B SWITCH, 2 Y CABLES, 1 AUXILIARY MULT CABLE, 1 METRAL CABLE, 1 PATCH PANEL, HARDWARE. PROVIDE 2 TO GROW 4 ADDITIONAL LINKS PER SCPM2+.	93		561								
WIRING AND EQUIPMENT REQUIRED IN ADDITION TO THE FIRST GROUP 530 FOR GROWTH OF RS232 LINKS FROM THE STANDARD 16 RS232 LINK ARRANGEMENT. (MAX OF 1 GROUP 570)	84		570								
EQUIPMENT REQUIRED TO PROVIDE ONE GROWTH 8MM TAPE SYSTEM. CONSISTS OF ONE SCSI HOST ADAPTER CARD AND ONE SCSI TERMINATOR. (MODEL 2 SCP ONLY) (MAX. 1 PER SCP)			580								
WIRING AND EQUIPMENT REQUIRED FOR GROWTH OF A TCP/IP INTERFACE FOR SMS. INCLUDES 2 HUBS, SHELF, CABLES, AND HARDWARE. FOR MODEL 2 SCP ONLY, 1 PER SCP.	85		590								
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 512MB OF DRAM MEMORY, ONE MEDIA UNIT, FOUR X.25 LINKS, AND SIXTEEN (6 USER) RS232 LINKS. (CC CONFIG #202) DA EFF:11/15/98 FE:ED1S015-61,G601	54 66 83	DA	600	1	ED1S015-61	1A, 5, 10, 17, 22, 60, 250, 351,					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 512MB DRAM MEMORY, ONE MEDIA UNIT (9GB DISKS), EIGHT X.25 LINKS, AND SIXTEEN (6 USER) RS232 LINKS & TCP/IP INTERFACE FOR SMS. CC CONFIG #203 (SEE TABLE CC3) REPL:ED1S015-61,G600 DA EFF:03/15/99 FE:ED1S015-61,G602	54 66 83 86	DA	601	1	ED1S015-61	2 5 10 17 22 60 250 351 370 SC					

TABLE-A CONTINUED

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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
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET; EQUIPPED WITH 512MB DRAM MEMORY, ONE MEDIA UNIT (12 - 9GB DISKS), EIGHT X.25 LINKS, SIXTEEN RS232 LINKS (6 USER), & TCP/IP INTERFACE. R9 GOLDEN DISK CC CONFIG #213 (SEE TABLE CC3) REPL:ED1S015-61,G601	54 66 83 86		602	1	ED1S015-61	2 5 10 18 22 60 250 351 370 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB DRAM MEMORY, ONE MEDIA UNIT, EIGHT X.25 LINKS AND SIXTEEN (6 USER) RS232 LINKS (CC CONFIG #203B) DA EFF:11/15/98 FE:ED1S015-61,G611	54 66 83	DA	610	1	ED1S015-61	1A, 5, 10, 17, 22, 60, 250, SC.					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB DRAM MEMORY, ONE MEDIA UNIT (9GB DISKS), EIGHT X.25 LINKS, AND SIXTEEN (6 USER) RS232 LINKS, AND TCP/IP INTERFACE FOR SMS. CC CONFIG #203B (SEE TABLE CC3) REPL:ED1S015-61,G610 DA EFF:03/15/99 FE:ED1S015-61,G612	54 66 83 86	DA	611	1	ED1S015-61	2 5 10 17 22 60 250 350 370 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET; EQUIPPED WITH 2GB DRAM MEMORY, ONE MEDIA UNIT (12 - 9GB DISKS), EIGHT X.25 LINKS, SIXTEEN RS232 LINKS (6 USER), & TCP/IP INTER-FACE. R9 GOLDEN DISK CC CONFIG #213B (SEE TABLE CC3) REPL:ED1S015-61,G611	54 66 83 86		612	1	ED1S015-61	2 5 10 18 22 60 250 350 370 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB OF DRAM MEMORY TWO MEDIA UNITS, EIGHT X.25 LINKS, AND TWENTY-FOUR (14 USER) RS232 LINKS. (CC CONFIG #206B) DA EFF:11/15/98 FE:ED1S015-61,G621	54 66 83	DA	620	1	ED1S015-61	1A, 10, 17, 22, 30, 60, 250, 300, SC.					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB DRAM MEMORY, TWO MEDIA UNITS (9GB DISKS), EIGHT X.25 LINKS, TWENTY-FOUR (14 USER) RS232 LINKS, AND TCP/IP INTERFACE FOR SMS. CC CONFIG #206B (SEE TABLE CC3) REPL:ED1S015-61,G620 DA EFF:03/15/99 FE:ED1S015-61,G622	54 66 83 86	DA	621	1	ED1S015-61	2 10 17 22 35 60 250 300 310 350 370 SC					

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TABLE A-FEATURES (CONTINUED)

EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET; EQUIPPED WITH 2GB DRAM MEMORY, TWO MEDIA UNITS(24 - 9GB DISKS), EIGHT X.25 LINKS, TWENTY-FOUR RS232 LINKS(14 USER), & TCP/IP INTERFACE. R9 GOLDEN DISK. CC CONFIG #216B (SEE TABLE CC3) ML REPL:ED1S015-61,G621	54 66 83 86		622	1 1 1 2 1 1 4 2 1 16 1 1	ED1S015-61	2 10 18 22 35 60 250 300 310 350 370 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 1 CONTROL SERVER CABINET EQUIPPED WITH 512MB OF DRAM MEMORY, ONE MEDIA UNIT, FOUR X.25 LINKS, FOUR SS7 LINKS, AND SIXTEEN (10 USER) RS232 LINKS. (CC CONFIG #101) ML DA EFF:11/15/98 FE/RA:NONE	54 66 83	DA	630	1 1 1 1 1 1 2 2 4 1	ED1S015-61	1A, 5, 15, 20, 22, 23, 70, 200, 250, 350, SC.					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 1 CONTROL SERVER CABINET EQUIPPED WITH 512MB OF RAM MEMORY, ONE MEDIA UNIT, EIGHT X.25 LINKS, 8 SS7 LINKS, AND SIXTEEN(10 USER) RS232 LINKS. (CC CONFIG #103) ML DA EFF:11/15/98 FE/RA:NONE	54 66 83	DA	640	1 1 1 1 1 1 4 4 4 1	ED1S015-61	1A 5 15 20 22 23 70 200 250 350 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 1 CONTROL SERVER CABINET EQUIPPED WITH 512MB OF RAM MEMORY, TWO MEDIA UNITS, EIGHT X.25 LINKS, 8 SS7 LINKS, AND TWENTY (14 USER) RS232 LINKS. (CC CONFIG #106) ML DA EFF:11/15/98 FE/RA:NONE	54 66 83	DA	650	1 1 1 1 1 1 1 4 4 4 1	ED1S015-61	1A 5 15 20 22 23 30 70 200 250 300 350 SC					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET, EQUIPPED WITH 512MB OF DRAM MEMORY, ONE MEDIA UNIT, FOUR X.25 LINKS, FOUR SS7 LINKS, AND SIXTEEN (0 USER ASSIGNABLE) RS232 LINKS. (CC CONFIG #125B) ML DA EFF:11/15/98 FE:ED1S015-61,G660A	54 66 83	DA	660	1 1 1 1 1 1 1 1 2 2 4 4 1	ED1S015-61	1A, 5, 15, 20, 22, 23, 25, 70, 200, 250, 350, SB.					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET, EQUIPPED WITH 2 CONTROL COMPUTERS WITH 512MB DRAM, 1 MEDIA UNIT(4GB), 4 X.25 LINKS, 4 SS7 LINKS, 16 RS232 LINKS(0 RS232 LINKS ARE AVAILABLE FOR USER ASSIGNMENT) CC CONFIG 125B (SEE TABLE CC2) REPL:ED1S015-61,G660 DA EFF:03/15/99 FE:ED1S015-61,G661 ML	54 66 83	DA	660A	1 1 1 1 1 1 1 1 2 2 4 4 1	ED1S015-61	1B 5 15 20 22 23 25 70 200 250 350 SB					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH; 512MB DRAM MEMORY, ONE MEDIA UNIT (12 - 4GB DISKS), FOUR X.25 LINKS, FOUR SS7 LINKS, SIXTEEN RS232 LINKS(0 ARE USER ASSIGNABLE). R9 GOLDEN DISK. CC CONFIG #144B(SEE TABLE CC2) REPL:ED1S015-61,G660A ML	54 66 83		661	1 1 1 1 1 1 1 1 2 2 4 4 1	ED1S015-61	1B 5 18 20 22 23 25 70 200 250 350 SB					

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TABLE A-FEATURES (CONTINUED)

EQUIPMENT		REF NOTE	RAT-ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	QTY				EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH 512MB DRAM MEMORY, ONE MEDIA UNIT, EIGHT X.25 LINKS, FOUR SS7 LINKS, AND TWENTY (4 USER ASSIGNABLE) RS232 LINKS. (CC CONFIG #126B) ML DA EFF:11/15/98 FE:ED1S015-61,G670A	54 66 83	DA	670	1 1 1 1 1 1 1 1 2 4 1 4 1	ED1S015-61	1A, 5, 15, 20, 22, 23, 25, 70, 200, 250, 300, 350, SB.					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH; 2 CONTROL COMPUTERS WITH 512MB DRAM, 1 MEDIA UNIT(4GB), 8 X.25LINKS, 4 SS7 LINKS, AND 20 RS232 LINKS (4 USER ASSIGNABLE). CC CONFIG 126B (SEE TABLE CC2) REPL:ED1S015-61,G670 DA EFF:03/15/99 FE:ED1S015-61,G671 ML	54 66 83	DA	670A	1 1 1 1 1 1 1 2 4 1 4 1	ED1S015-61	1B 5 15 20 22 23 25 70 200 250 300 310 350 SB					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH; 512MB DRAM MEMORY, ONE MEDIA UNIT (12 - 4GB DISKS), EIGHT X.25 LINKS, FOUR SS7 LINKS AND TWENTY RS232 LINKS (4 USER ASSIGNABLE). R9 GOLDEN DISK. CC CONFIG #145B(SEE TABLE CC2) REPL:ED1S015-61,G670A ML	54 66 83		671	1 1 1 1 1 1 1 2 4 1 4 1	ED1S015-61	1B 5 18 20 22 23 25 70 200 250 300 310 350 SB					
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH 512MB DRAM MEMORY, TWO MEDIA UNITS, EIGHT X.25 LINKS, 4 SS7 LINKS, AND TWENTY (4 USER ASSIGNABLE) RS232 LINKS. (CC CONFIG #131B) ML DA EFF:11/15/98 FE:ED1S015-61,G680A	54 66 83	DA	680	1 1 1 2 1 1 1 4 4 1	ED1S015-61	1A, 15, 20, 22, 23, 25, 30, 70, 200, 250, 300, 350, SB.					

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH 2 CONTROL COMPUTERS WITH 512MB DRAM, 2 MEDIA UNITS, 8 X.25 LINKS, 4 SS7 LINKS, AND 20 RS232 LINKS (4 USER ASSIGNABLE). R9 GOLDEN DISK. CC CONFIG #131B (SEE TABLE CC2) REPL:ED1S015-61,G680 DA EFF:03/15/99 FE:ED1S015-61,G681 ML	54 66 83	DA	680A	1 1 1 2 1 1 1 1 2 4 1 1 1	ED1S015-61	1B 15 20 22 23 25 30 70 200 250 300 310 350 SB						
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SN CONTROL SERVER CABINET EQUIPPED WITH 512MB DRAM MEMORY, TWO MEDIA UNITS (24 - 4GB DISKS), EIGHT X.25 LINKS, FOUR SS7 LINKS AND TWENTY RS232 LINKS (4 USER ASSIGNABLE). R9 GOLDEN DISK. CC CONFIG #150B(SEE TABLE CC2) REPL:ED1S015-61,G680A ML	54 66 83		681	1 1 1 2 1 1 1 1 2 4 1 1 4 1	ED1S015-61	1B 18 20 22 23 25 30 70 200 250 300 310 350 SB						
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB DRAM MEMORY, ONE MEDIA UNIT (9GB DISKS), EIGHT X.25 LINKS, SIXTEEN (6 USER) RS232 LINKS, AND HOST ADAPTERS FOR 8MM TAPE DRIVES. CC CONFIG #207B (SEE TABLE CC3) DA EFF:03/15/99 FE:ED1S015-61,G691 ML	54 66 83 86	DA	690	1 1 1 1 1 1 16 1 1	ED1S015-61	2 5 10 17 22 60 250 350 360 SC						
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH; 2GB DRAM MEMORY, ONE MEDIA UNIT (12 - 9GB DISKS), EIGHT X.25 LINKS, SIXTEEN RS232 LINKS (6 USER), AND SCSI HOST ADAPTERS FOR 8MM TAPE DRIVES. R9 GOLDEN DISK. CC CONFIG #223B(SEE TABLE CC3) REPL:ED1S015-61,G690 DA EFF:06/30/99 FE:ED1S015-61,G692 ML	54 66 83 86	DA	691	1 1 1 1 1 1 4 16 1 1	ED1S015-61	2 5 10 18 22 60 250 350 360 SC						
EQUIPMENT WIRING AND APPARTUS REQUIRED TO PROVIDE ON SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH; 2GB DRAM MEMORY, ONE MEDIA UNIT (12 - 9GB DISKS), TWELVE X.25 LINKS, SIXTEEN RS232 LINKS (6 USER), AND SCSI HOST ADAPTERS FOR 8MM TAPE DRIVES. R9 GOLDEN DISK. CC CONFIG #227B(SEE TABLE CC3) REPL:ED1S015-61,G691 ML	54 66 83 86		692	1 1 1 1 1 1 6 16 1	ED1S015-61	2 5 10 18 22 60 250 350 360						
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH 2GB DRAM MEMORY, TWO MEDIA UNITS (9GB DISKS), EIGHT X.25 LINKS, TWENTY FOUR (14 USER) RS232 PORTS, AND SCSI HOST ADAPTERS FOR 8MM TAPE DRIVES. CC CONFIG #208B (SEE TABLE CC3) DA EFF:03/15/99 FE:ED1S015-61,G701 ML	54 66 83 86	DA	700	1 1 1 1 1 1 4 2 2 1 16 1 1	ED1S015-61	2 10 17 22 35 60 250 300 310 350 360 SC						

TABLE-A CONTINUED

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TABLE A-FEATURES (CONTINUED)												
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT			
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT	
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH; 2GB DRAM MEMORY, TWO MEDIA UNITS(24 - 9GB DISKS), EIGHT X.25 LINKS, TWENTY-FOUR RS232 LINKS(14 USER), AND SCSI HOST ADAPTERS FOR 8MM TAPE DRIVE CC CONFIG #226B(SEE TABLE CC3). R9 GOLDEN DISK. REPL:ED1S015-61,G700 DA EFF:06/30/99 FE:ED1S015-61,G702 ML	54 66 83 86	DA	701	1 1 1 2 1 1 4 2 1 16 1 1	ED1S015-61	2 10 18 22 35 60 250 300 310 350 360 SC						
EQUIPMENT WIRING AND APPARATUS REQUIRED TO PROVIDE ONE SCP MODEL 2 CONTROL SERVER CABINET EQUIPPED WITH; 2GB DRAM MEMORY, TWO MEDIA UNITS (24 - 9GB DISKS) TWELVE X.25 LINKS, TWENTY-FOUR RS232 LINKS(14 USER), AND SCSI HOST ADAPTERS FOR 8MM TAPE DRIVE AND R9 GOLDEN DISK. CC CONFIG #228(SEE TABLE CC3) REPL:ED1S015-61,G701 ML	54 66 83 86		702	1 1 1 2 1 1 6 2 1 16 1	ED1S015-61	2 10 18 22 35 60 250 300 310 350 360						
SERVICE CHARGE FOR TIER ONE INTEGRATION STAGING. VENDOR CABINETS ARE SHIPPED DIRECTLY TO CUSTOMER SITE. ALL OTHER ITEMS STAGED AT COLUMBUS GPC FOR WHOLE ORDER SHIPMENT. NO ASSEMBLY OR TESTING.	82		1000									
SERVICE CHARGE FOR TIER TWO INTEGRATION STAGING. ALL ITEMS SHIPPED TO COLUMBUS GPC FOR STAGING. SYSTEM PARTIALLY ASSEMBLED AND STAND ALONE CABINET TESTING PERFORMED. WHOLE ORDER SHIPMENT FROM COLUMBUS GPC.	82		1010									
SERVICE CHARGE FOR TIER THREE INTEGRATION STAGING. ALL ITEMS SHIPPED TO COLUMBUS GPC FOR STAGING. SYSTEM FULLY ASSEMBLED, SYSTEM AND LOAD TESTING PERFORMED. WHOLE ORDER SHIPMENT FROM COLUMBUS GPC.	82		1020									
SERVICE CHARGE FOR INTERNATIONAL STAGING AND SHIPMENT.			1030									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 20. PROVIDES AIR FILTER PACKAGE FOR MODEL 1 (P6) PLATFORM. ALWAYS REQUIRED FOR NEW INSTALLATIONS.	64		AA									
SERVICE CHARGE TO PROVIDE WAXED TWINE CABLE LACING IN PLACE OF PLASTIC CABLE TIES FOR INTRA-CABINET CABLING.	80		AB									
EQUIPMENT REQUIRED IN ADDITION TO GROUP 10. PROVIDES AIR FILTER PACKAGE FOR MODEL 2 (SMP) PLATFORM. ALWAYS REQUIRED FOR NEW INSTALLATIONS.	64		AC									

TABLE-A CONTINUED

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TABLE A-FEATURES (CONTINUED)

EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA				SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG
EQUIPMENT REQUIRED IN ADDITION TO GROUP 11 OR GROUP 525 PROVIDES AIR FILTERS FOR SCP M2+ AND M2 ECS (SCP) ULTRA + ACSC PLATFORM. ALWAYS REQUIRED FOR NEW INSTALLATIONS.	64 ML		AD							
STAMPING REQUIRED FOR ALL SN APPLICATIONS EQUIPPED WITH AN ADVANTAGE TELECOM SERVER CABINET	68 92		SB							
STAMPING REQUIRED FOR ALL SCP APPLICATIONS WITH PROGRAM RELEASE R7 OR LATER.	68 92		SC							
END OF TABLE-A										

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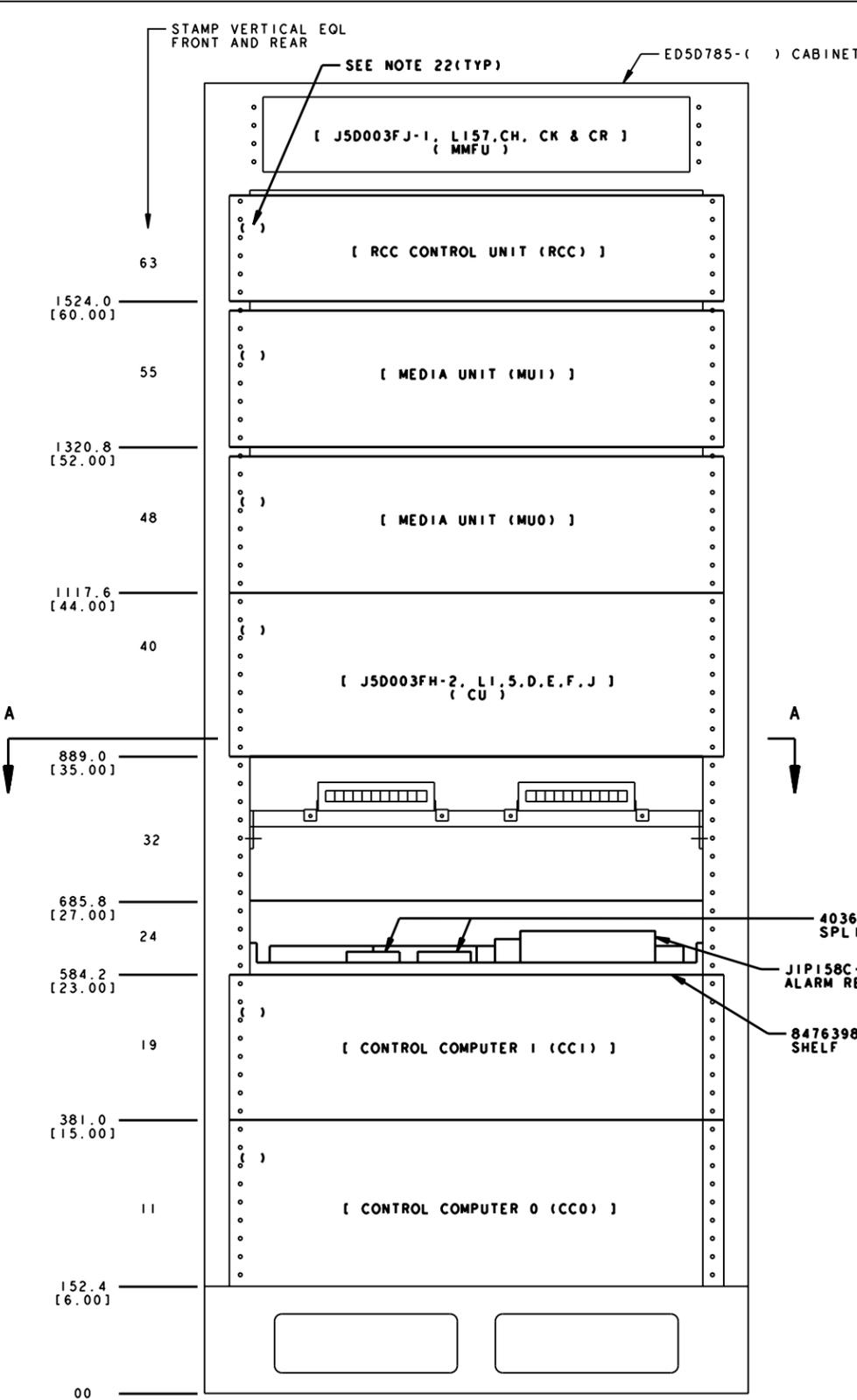
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1.3+
Create
COMMON_HARDWARE



407517184
DISTRIBUTION
MODULES
(SEE NOTE 24)

403644867
SPLITTER

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ALARM RELAY UNIT

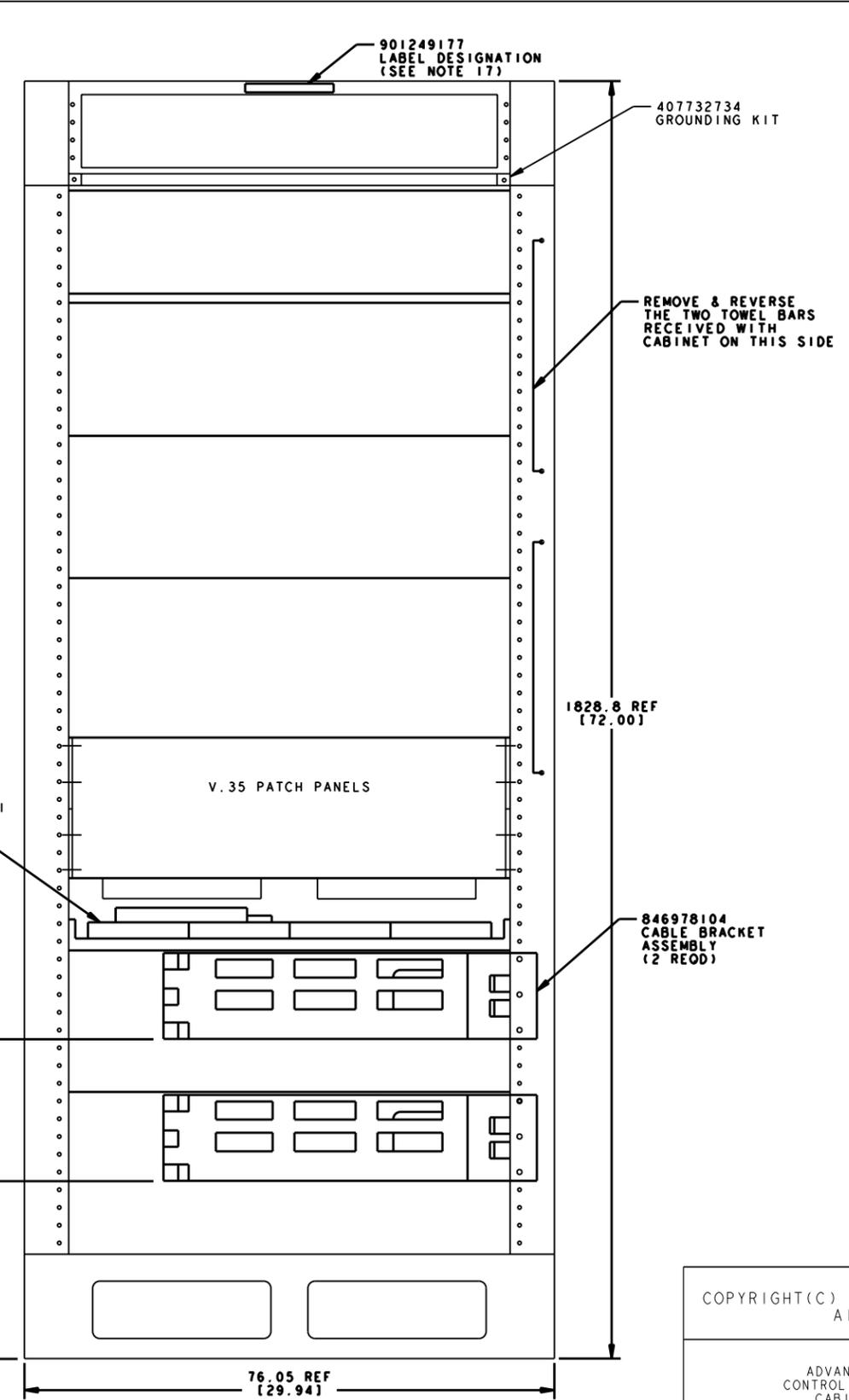
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SHELF

508.0 [20.00]

279.4 [11.00]

A

FIG. 1
SHOWN WITHOUT
DOORS & SIDE PANELS
ED5D785-() 2000 CABINET



PROJ-EOEDFORM.FRM-FEB-96

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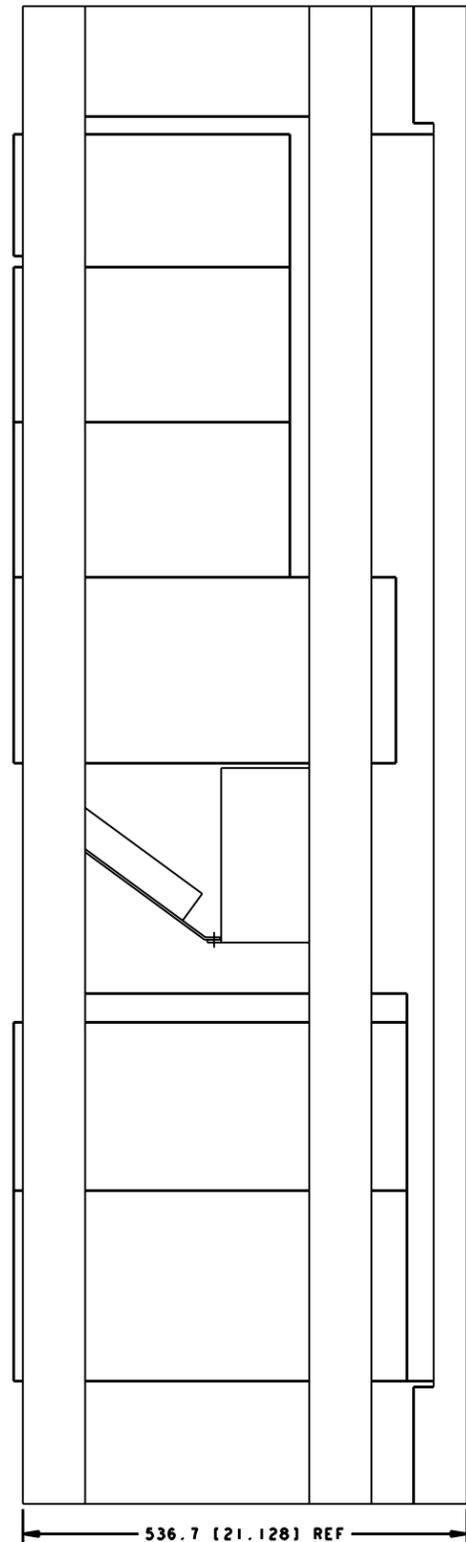
ADVANTAGE
CONTROL SERVER
CABINET

THIRD ANGLE PROJ
DWG SIZE C2 ISSUE 8 SHEET NO. B1

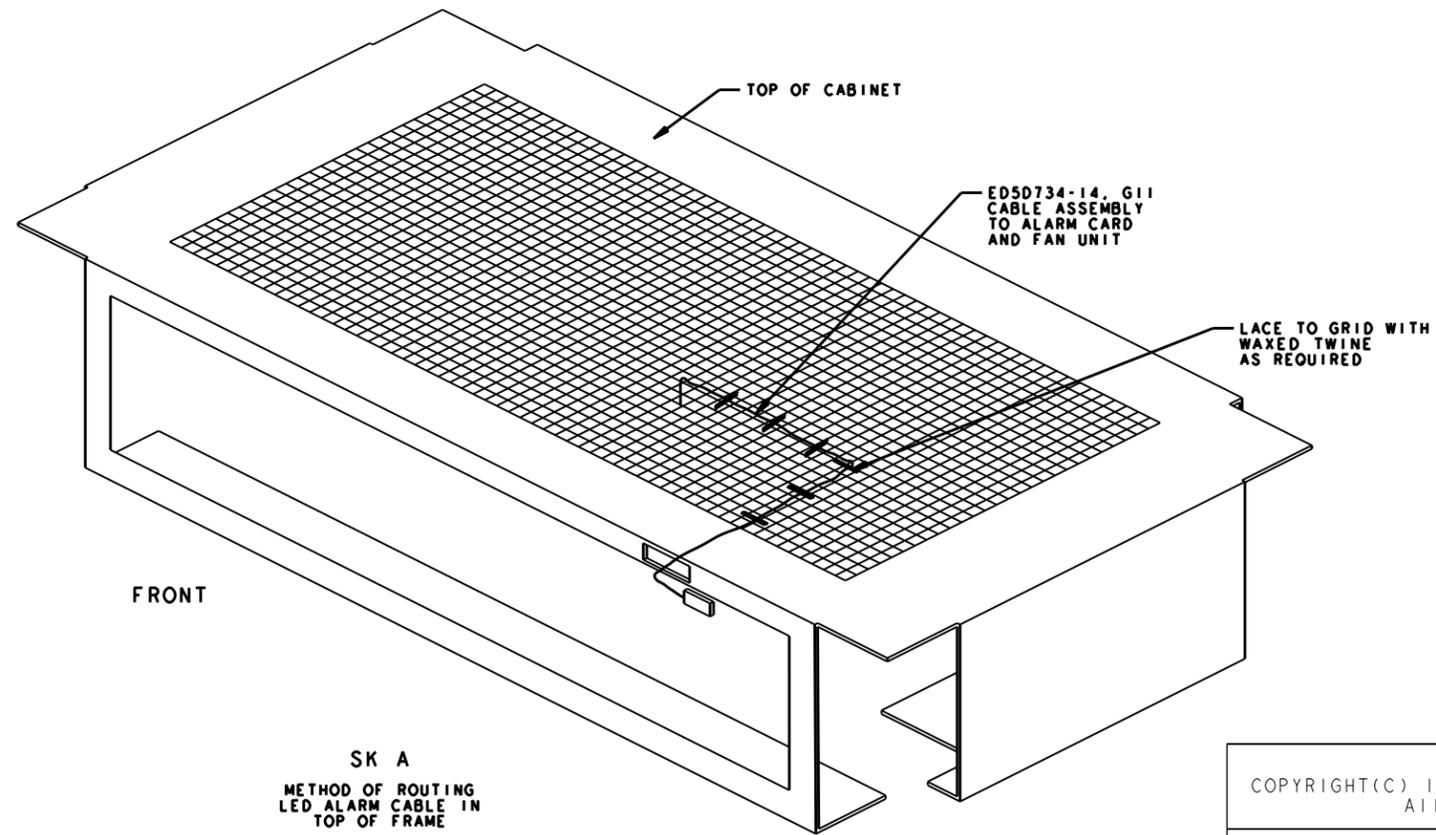
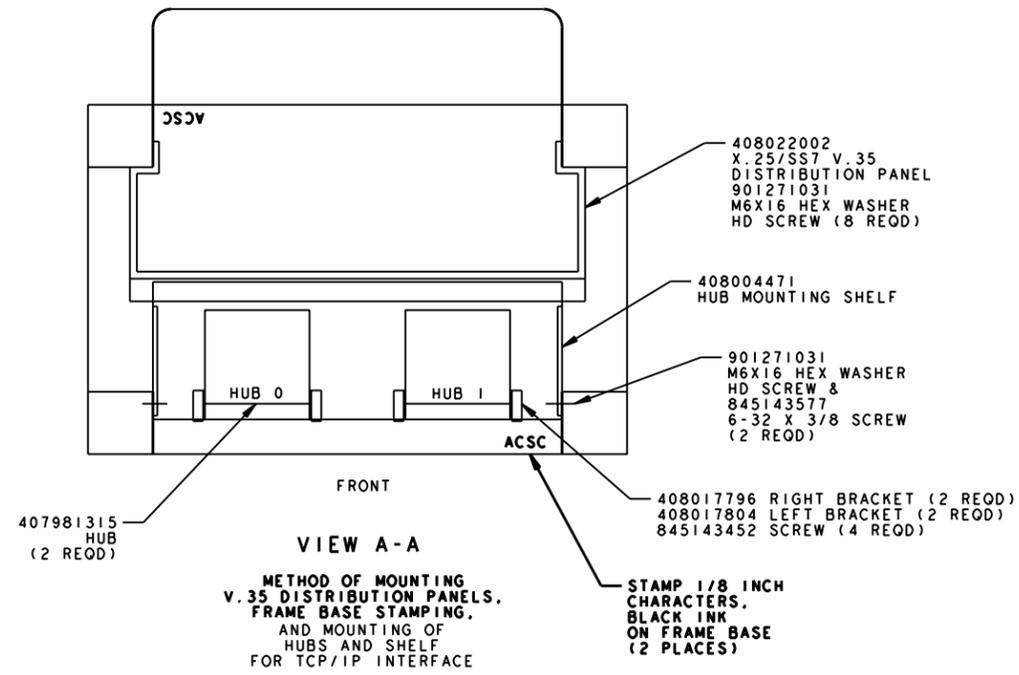
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MODELED BY: COIX DATE: 3-Dec-98

1.3+
Create
COMMON_HARDWARE



SIDE VIEW
FIG. 2



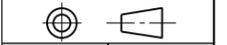
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THIRD ANGLE PROJ



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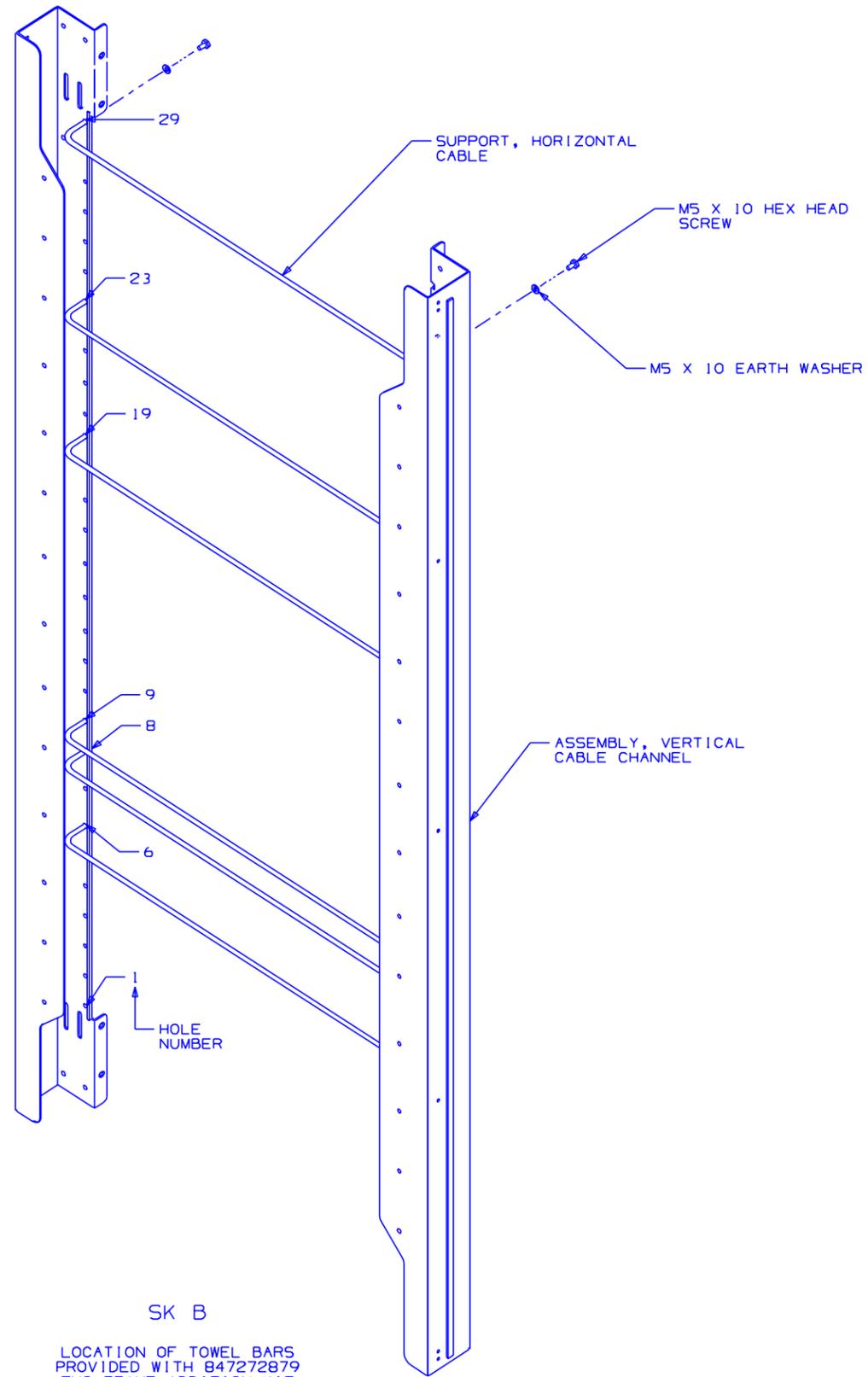
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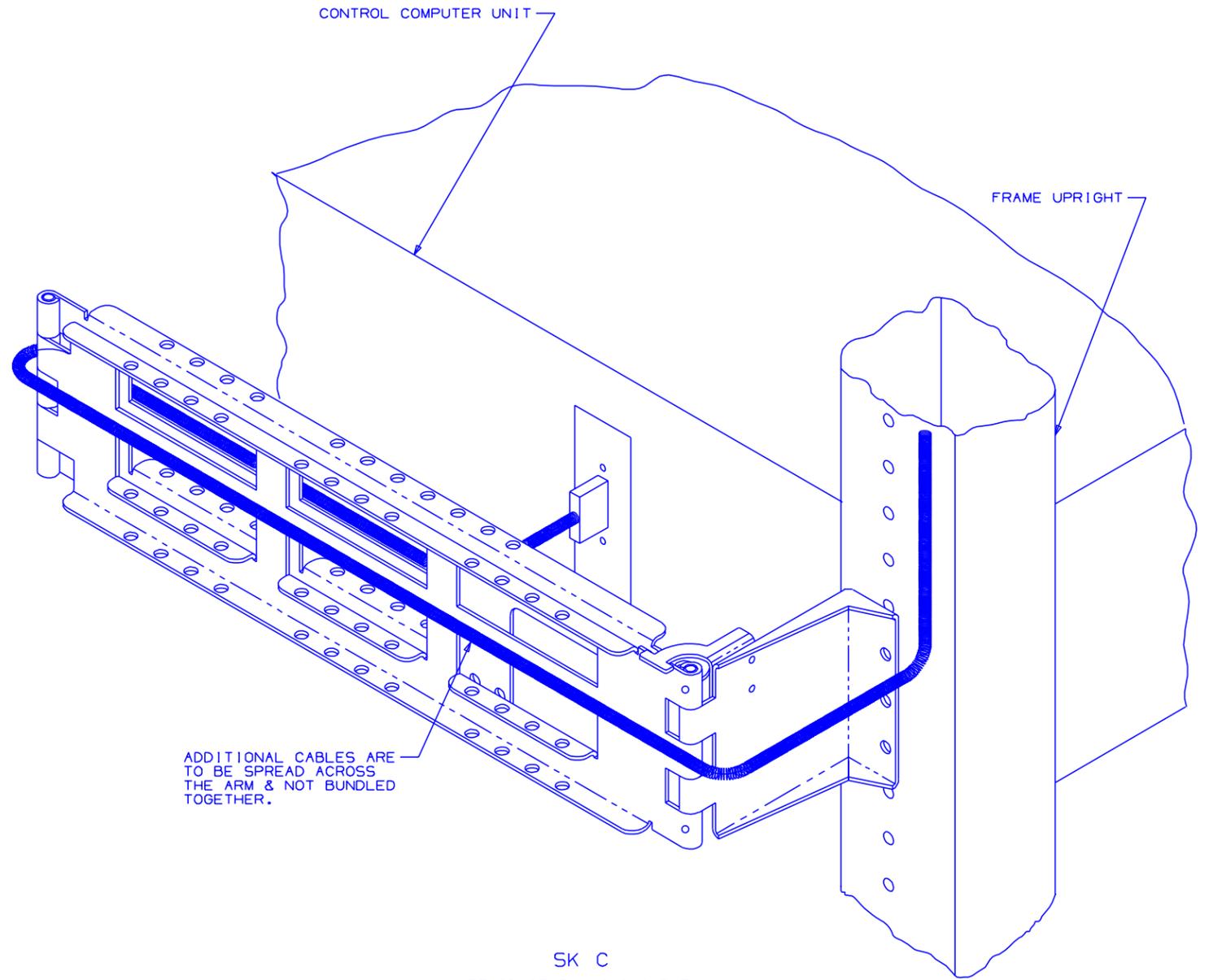
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MODELED BY: COIX DATE: 3-Dec-98

DRAWING NAME=EDIS015-61
MODEL/ASM NAME=MODEL NAME



SK B
 LOCATION OF TOWEL BARS
 PROVIDED WITH 847272879
 EMC FRAME ADDITION KIT
 (SEE NOTE 26)



SK C
 METHOD OF RUNNING CABLE
 ON CABLE ARMS TO CONTROLLER
 COMPUTERS

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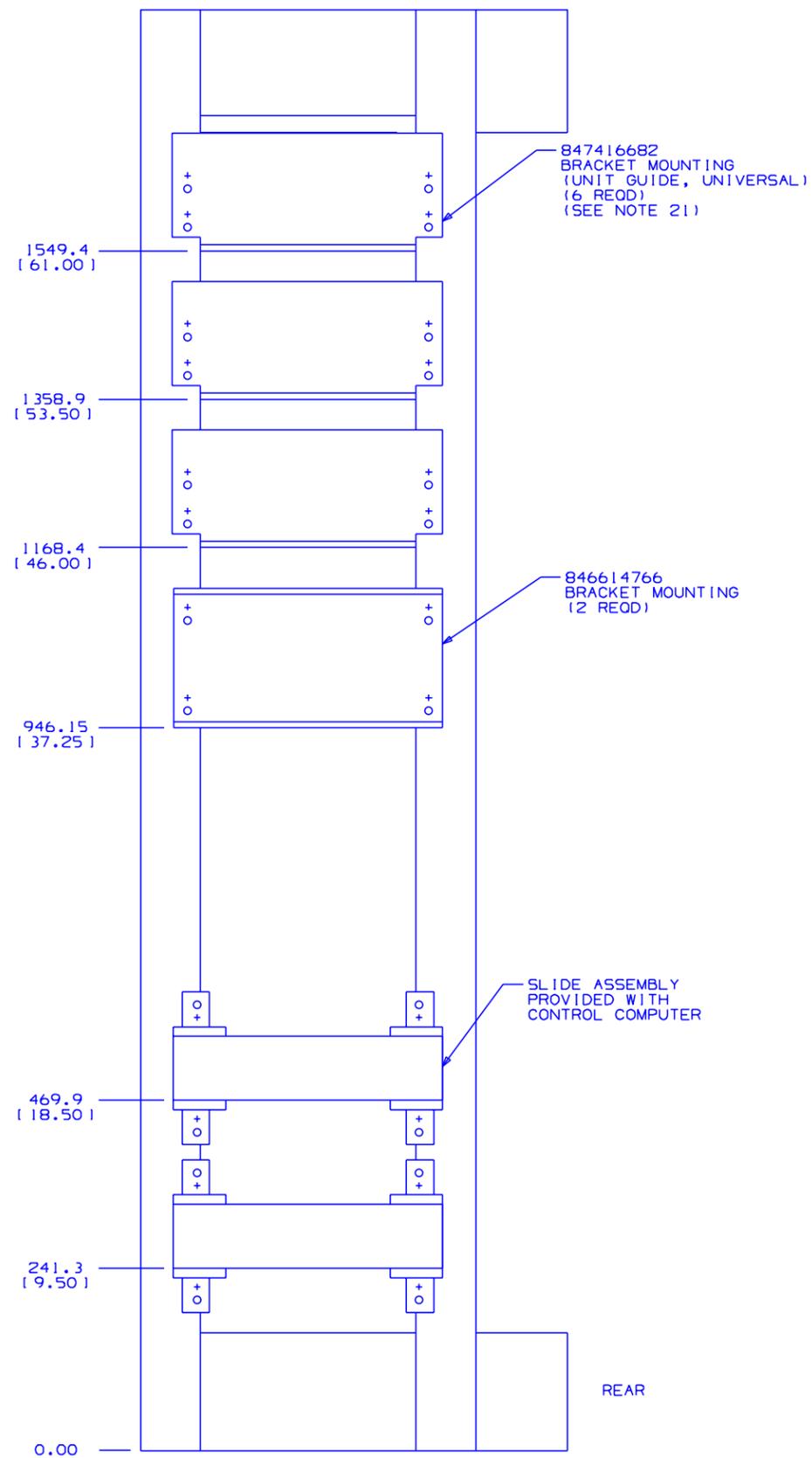
ADVANTAGE
 CONTROL SERVER
 CABINET

DWG SIZE C2	ISSUE 1
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SHEET B3



LEFT INSIDE VIEW SHOWING
LOCATION OF MOUNTING BRACKETS

FIG. 3

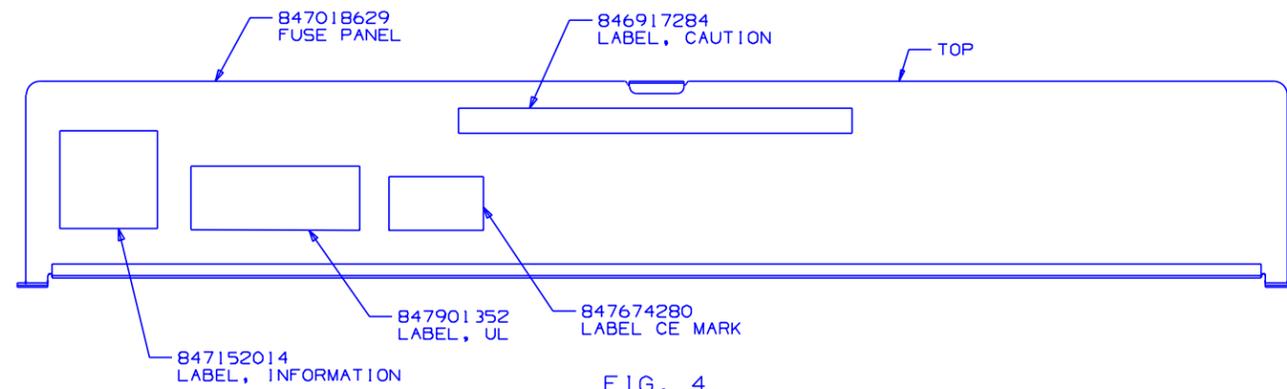
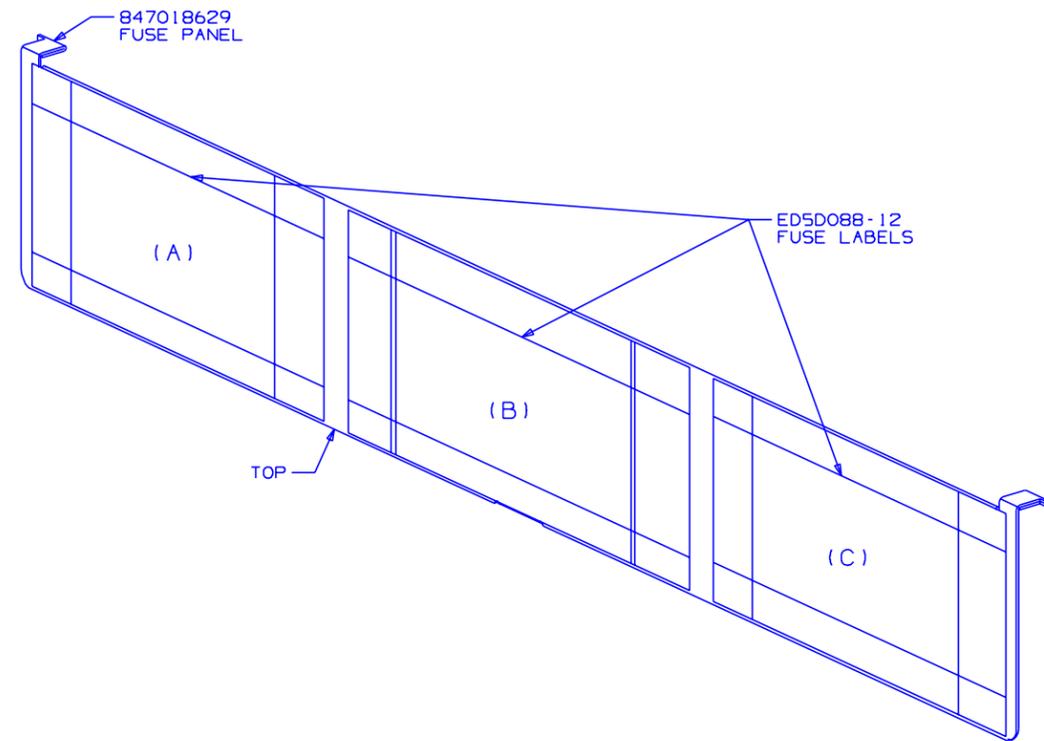


FIG. 4
APPROXIMATE LOCATION
OF LABELS
ON MFFU FLIP PANEL

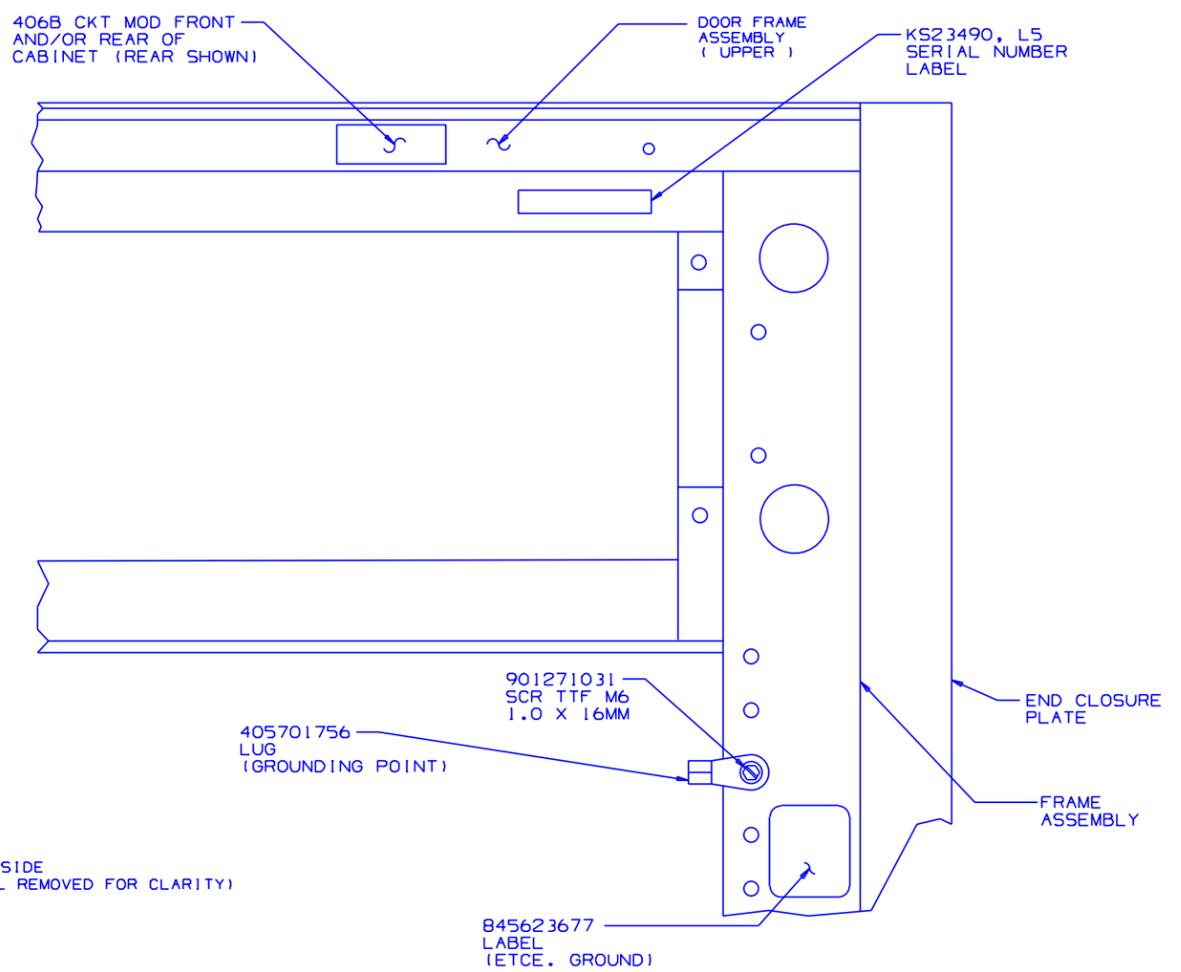
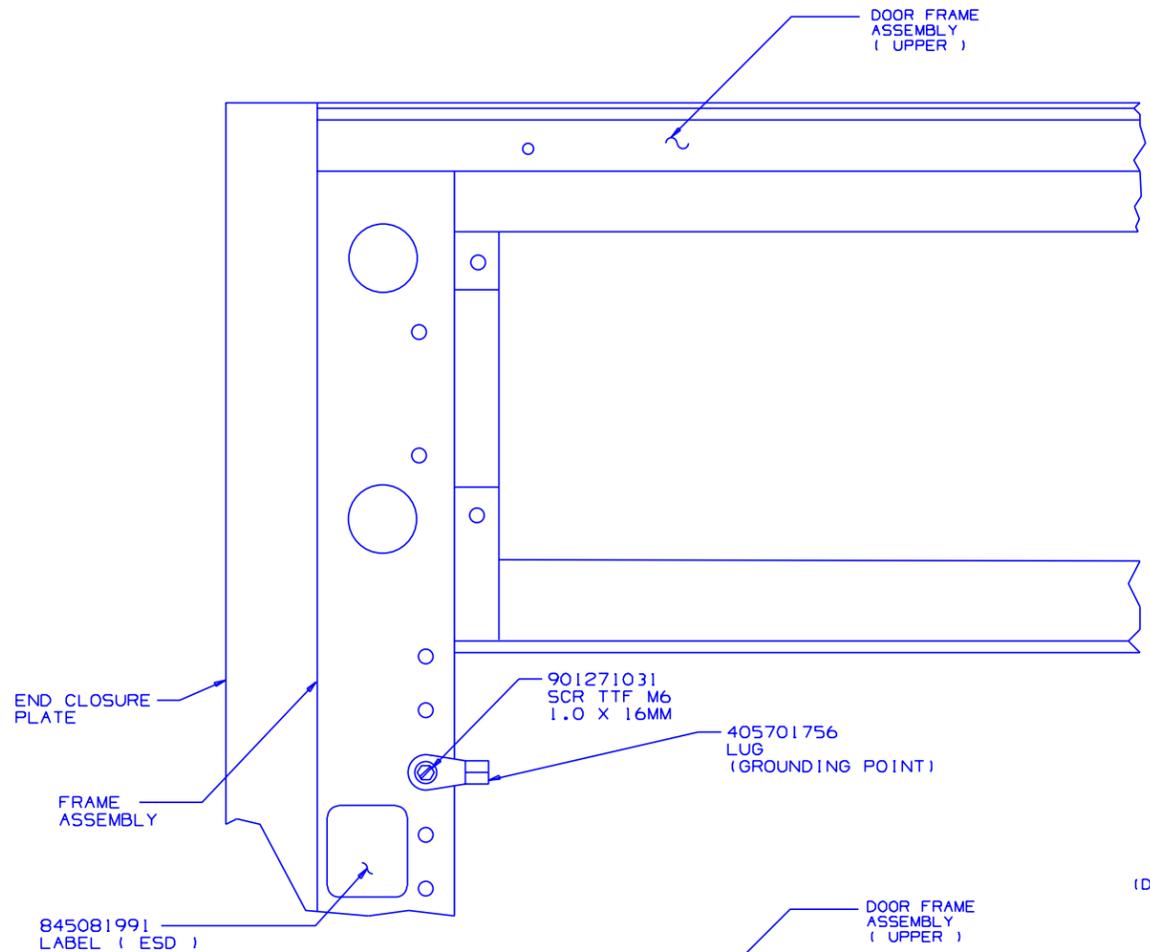
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ADVANTAGE
CONTROL SERVER
CABINET

DWG SIZE C2	ISSUE 1
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WIRING SIDE
(DOORS & VERTICAL CHANNEL REMOVED FOR CLARITY)

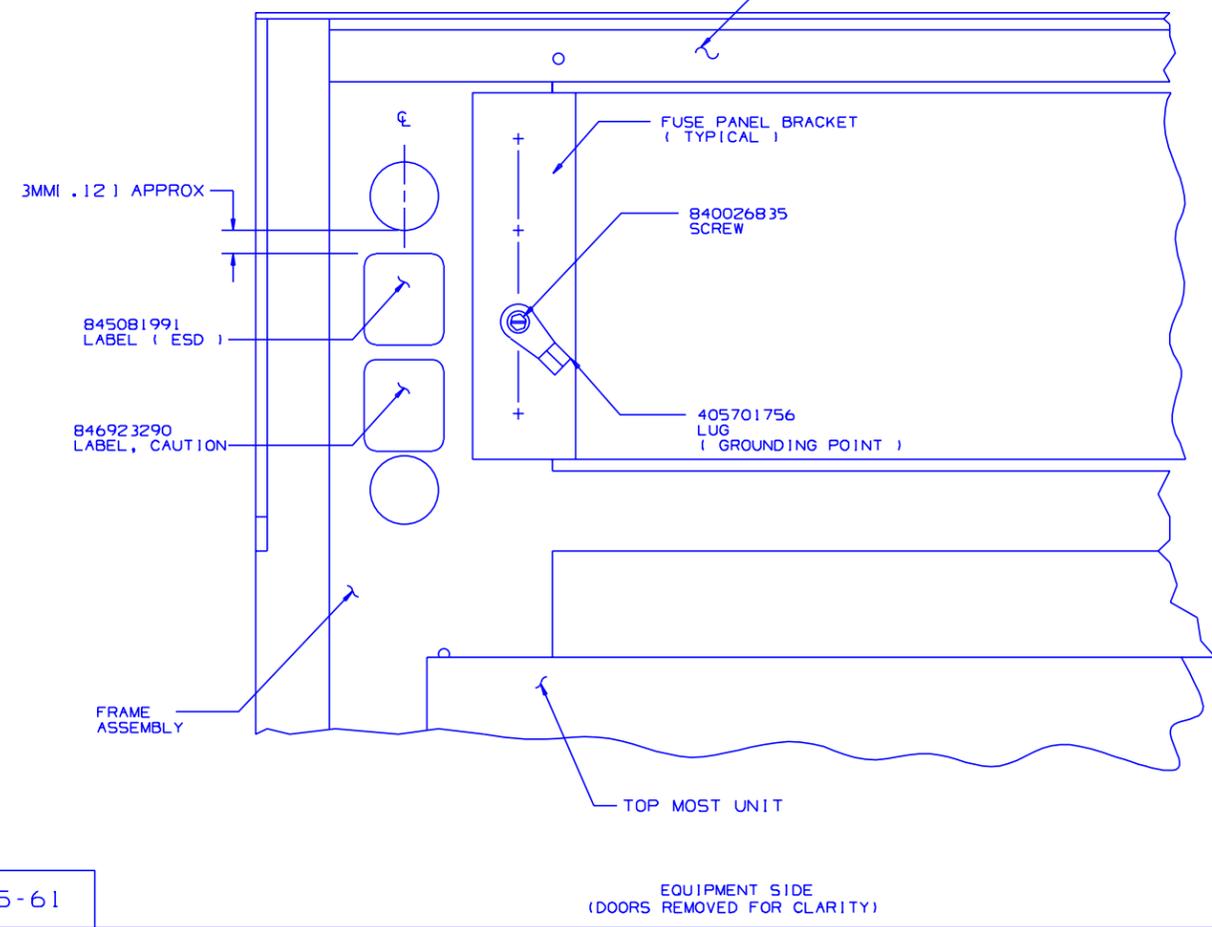
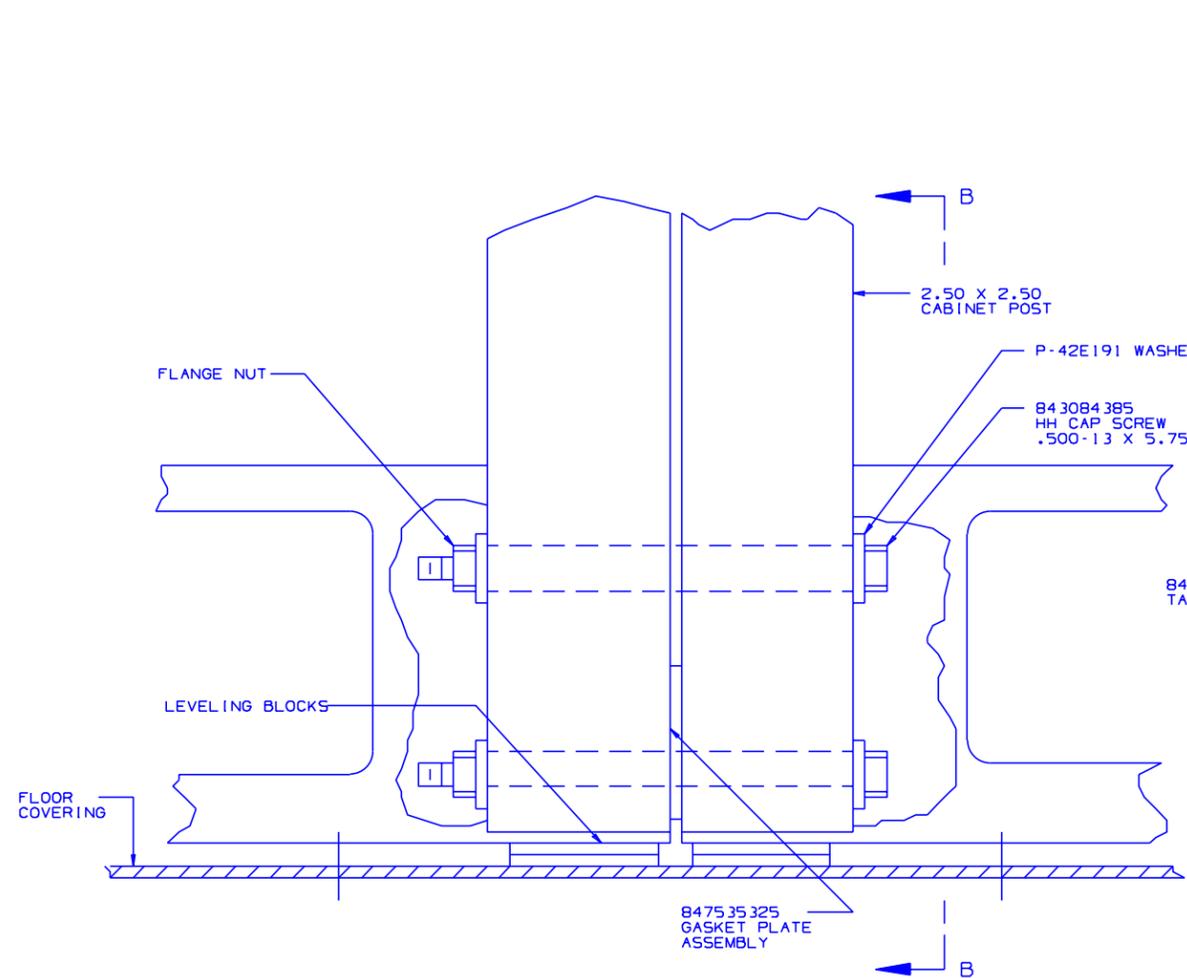
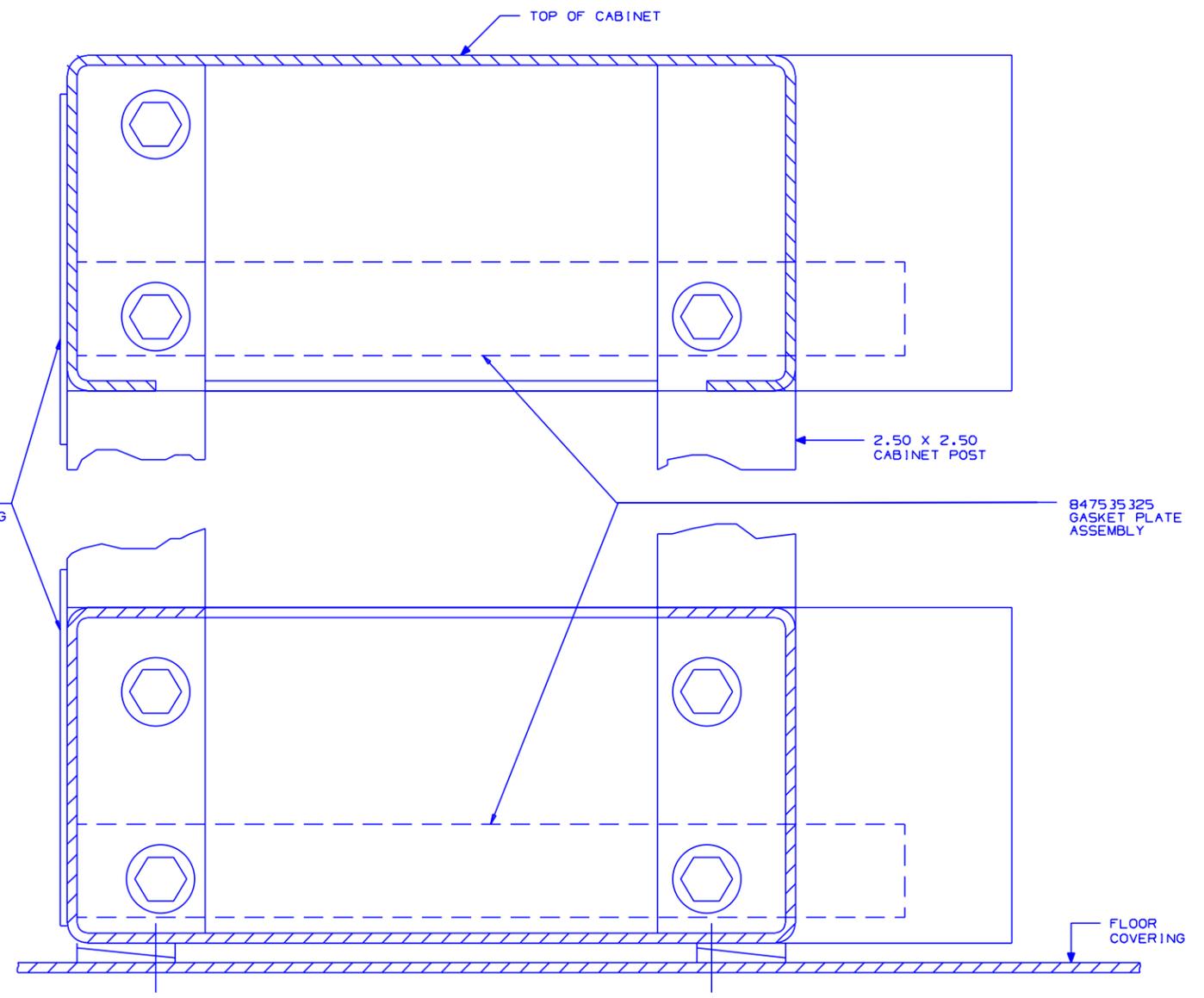


FIG. A
5ESS-2000
CABINET

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE C2	ISSUE 1
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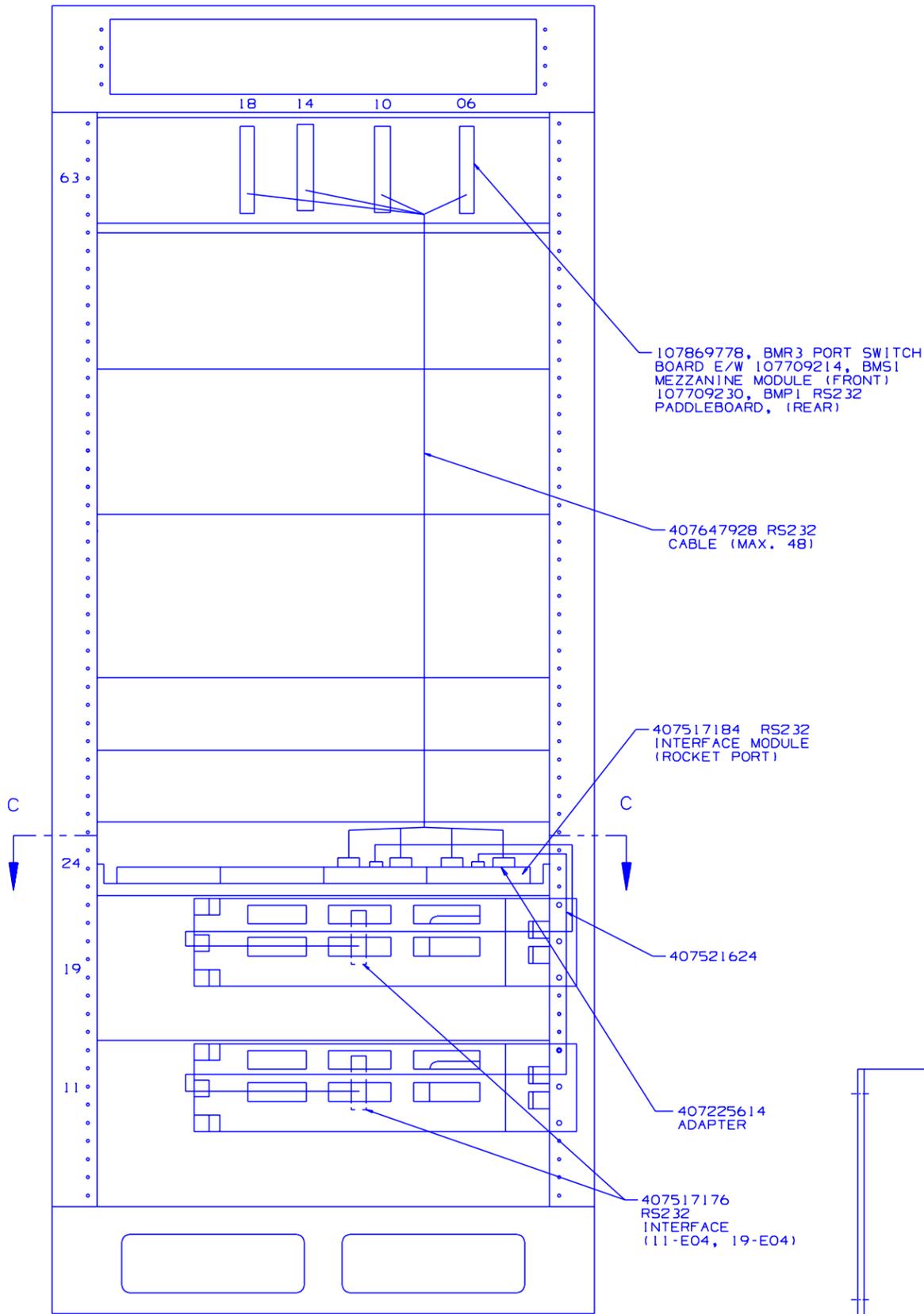
FRONT VIEW
(DOORS REMOVED)
METHOD OF JUNCTIONING ONE CABINET TO ANOTHER CABINET
FIG. B



VIEW B-B
(SEE NOTE 13 & 14)

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE	ISSUE
	C2	1
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16 RS232 LINKS (0 - 15) (PART OF GROUP 1)			
COMCODE	QTY	FROM	TO
407521624	1	11-E04-PORT0	24-00-HOST
	1	19-E04-PORT0	24-10-HOST
407647928	4	24-00-00 TO 03	63-006-INA0 TO INA3
	4	24-10-00 TO 03	63-006-INB0 TO INB3
	4	24-00-04 TO 07	63-010-INA0 TO INA3
	4	24-10-04 TO 07	63-010-INB0 TO INB3
	4	24-00-08 TO 11	63-014-INA0 TO INA3
	4	24-10-08 TO 11	63-014-INB0 TO INB3
	4	24-00-12 TO 15	63-018-INA0 TO INA3
	4	24-10-12 TO 15	63-018-INB0 TO INB3



107869778, BMR3 PORT SWITCH BOARD E/W 107709214, BMS1 MEZZANINE MODULE (FRONT) 107709230, BMP1 RS232 PADDLEBOARD, (REAR)

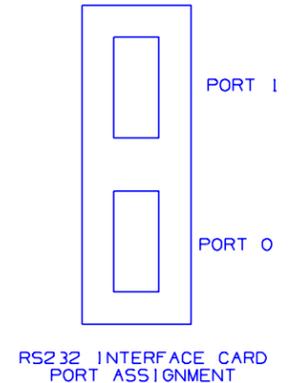
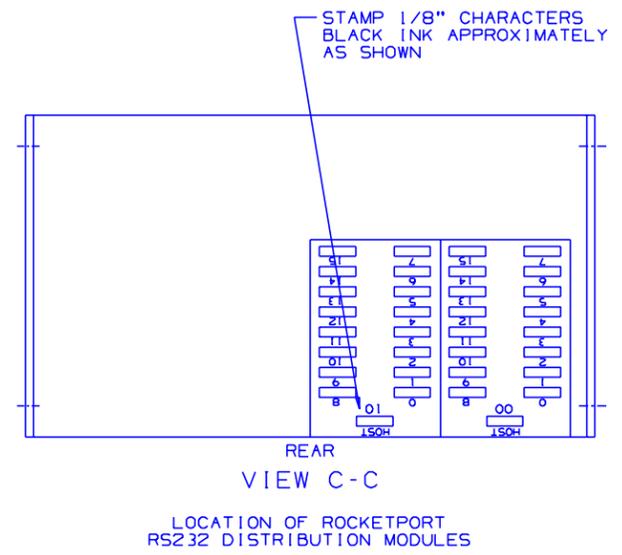
407647928 RS232 CABLE (MAX. 48')

407517184 RS232 INTERFACE MODULE (ROCKET PORT)

407521624

407225614 ADAPTER

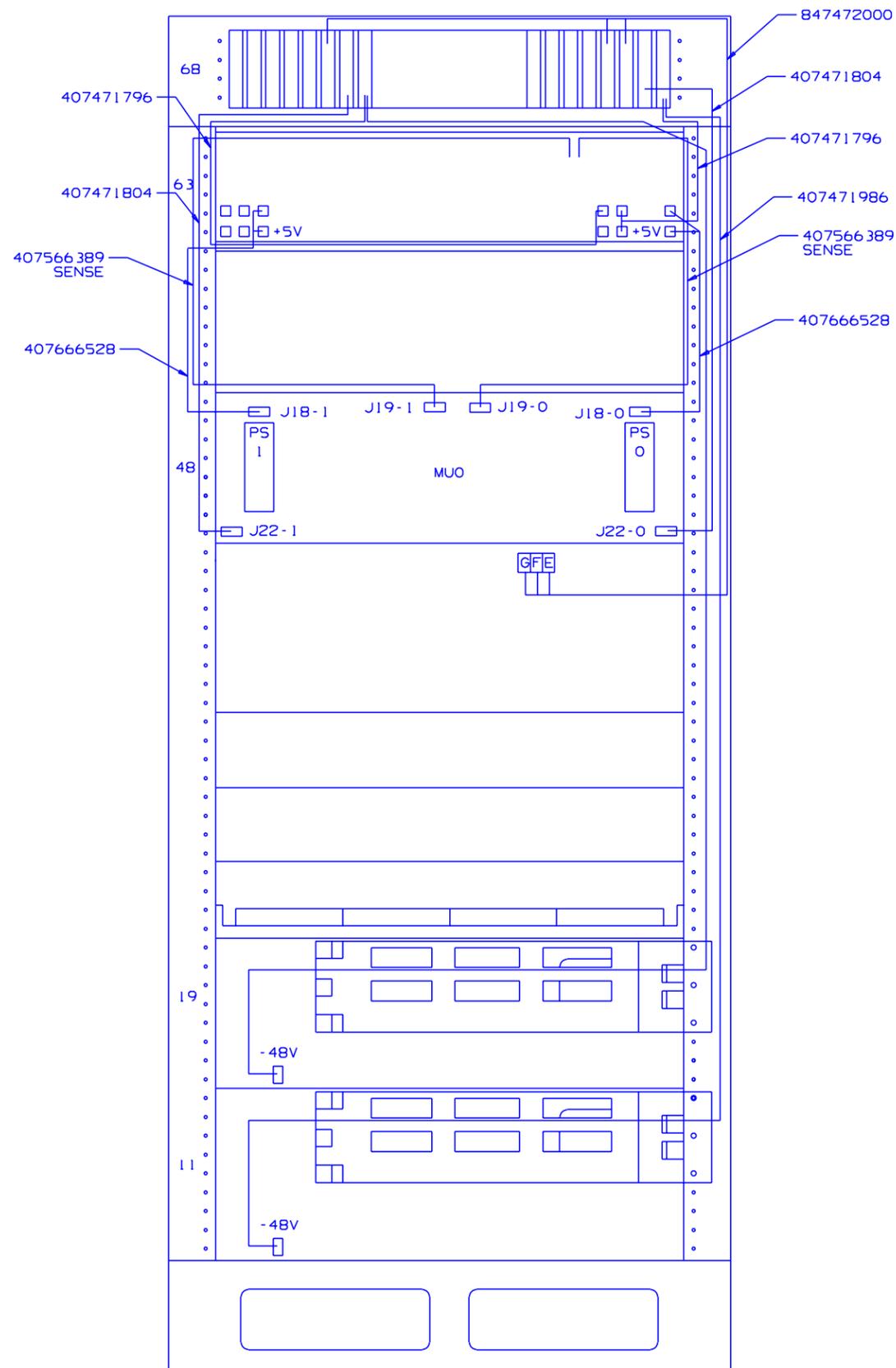
407517176 RS232 INTERFACE (11-E04, 19-E04)



(REAR VIEW)
FIG. 4
 METHOD OF INSTALLING
 RS232 LINK CABLES

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE C2	ISSUE 2
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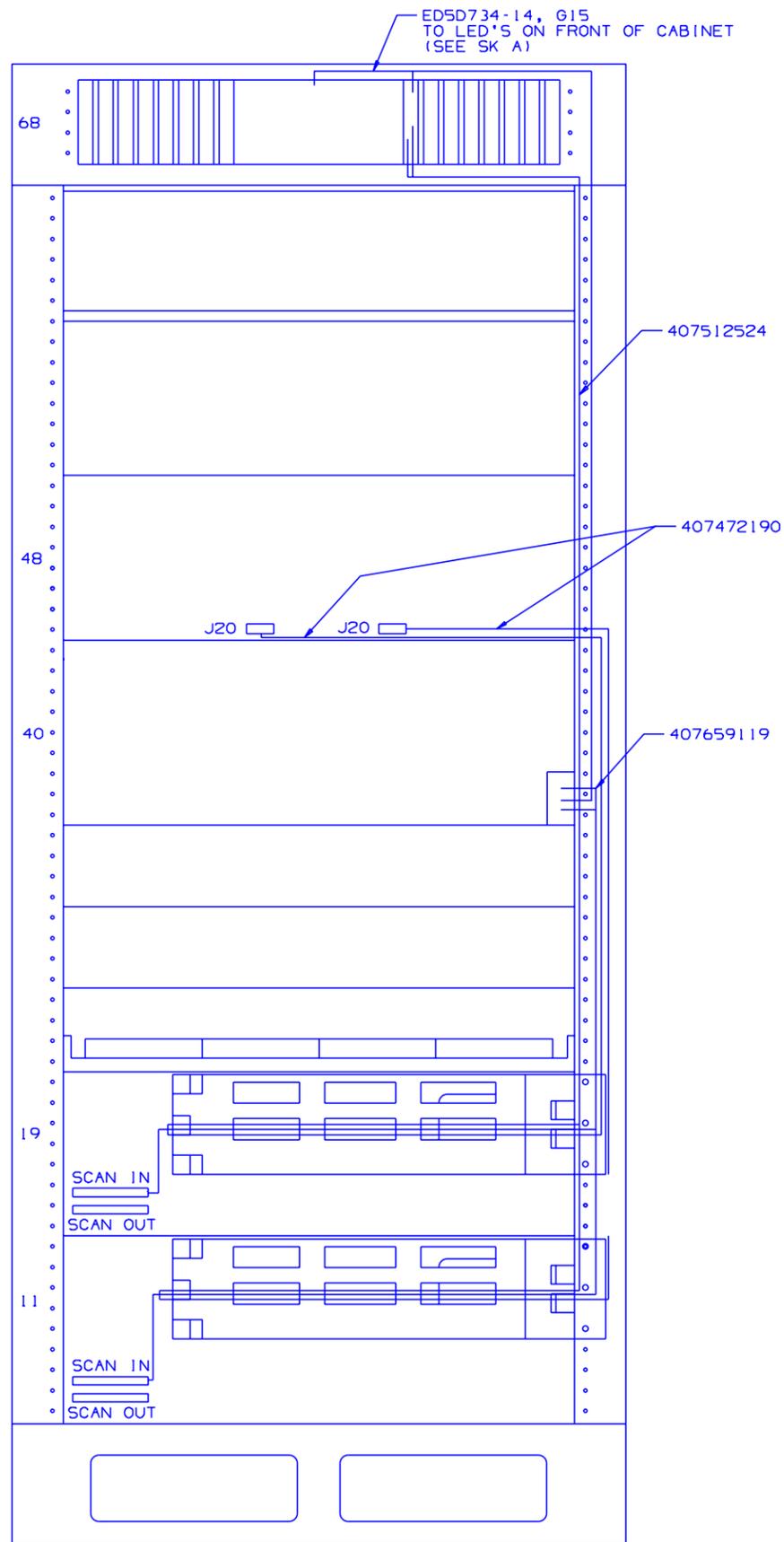
COIX 6-1B-97



(REAR VIEW)
 FIG. 5
 METHOD OF INSTALLING
 POWER CABLES

POWER CABLES (PART OF GROUP 1)			
COMCODES	FROM	COLOR	TO
407471796	68-014-A	RED	63-002-48VIN
	68-002-48VOUT	RED	11-000-48VIN
	68-014-AR	BLACK	11-000-48VRET
407471796	68-118-A	RED	63-003-48VIN
	68-003-48VOUT	RED	19-000-48VIN
	68-118-AR	BLACK	19-000-48VRET
407471504	68-023-A	RED	48-01-J22-0
	68-023-AR	BLACK	48-01-J22-0
407471804	68-127-A	RED	48-14-J22-1
	68-127-AR	BLACK	48-14-J22-1
407472000	68-032-A	RED	36-010-010 FAN E
	68-032-AR	BLACK	36-010-009 FAN E
	68-041-A	RED	36-010-012 FAN F
	68-041-AR	BLACK	36-010-011 FAN F
	68-141-A	RED	36-010-014 FAN G
	68-141-AR	BLACK	36-010-013 FAN G
407666528	68-000-PB26	RED	48-J18-0-1
	68-000-PB44	BLACK	48-J18-0-2
407666528	68-026-PB49	RED	48-J18-1-1
	68-026-PB52	BLACK	48-J18-1-2
407566389	63-004	GREY	48-J19-0
407566389	63-005	GREY	48-J19-1

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE C2	ISSUE 1
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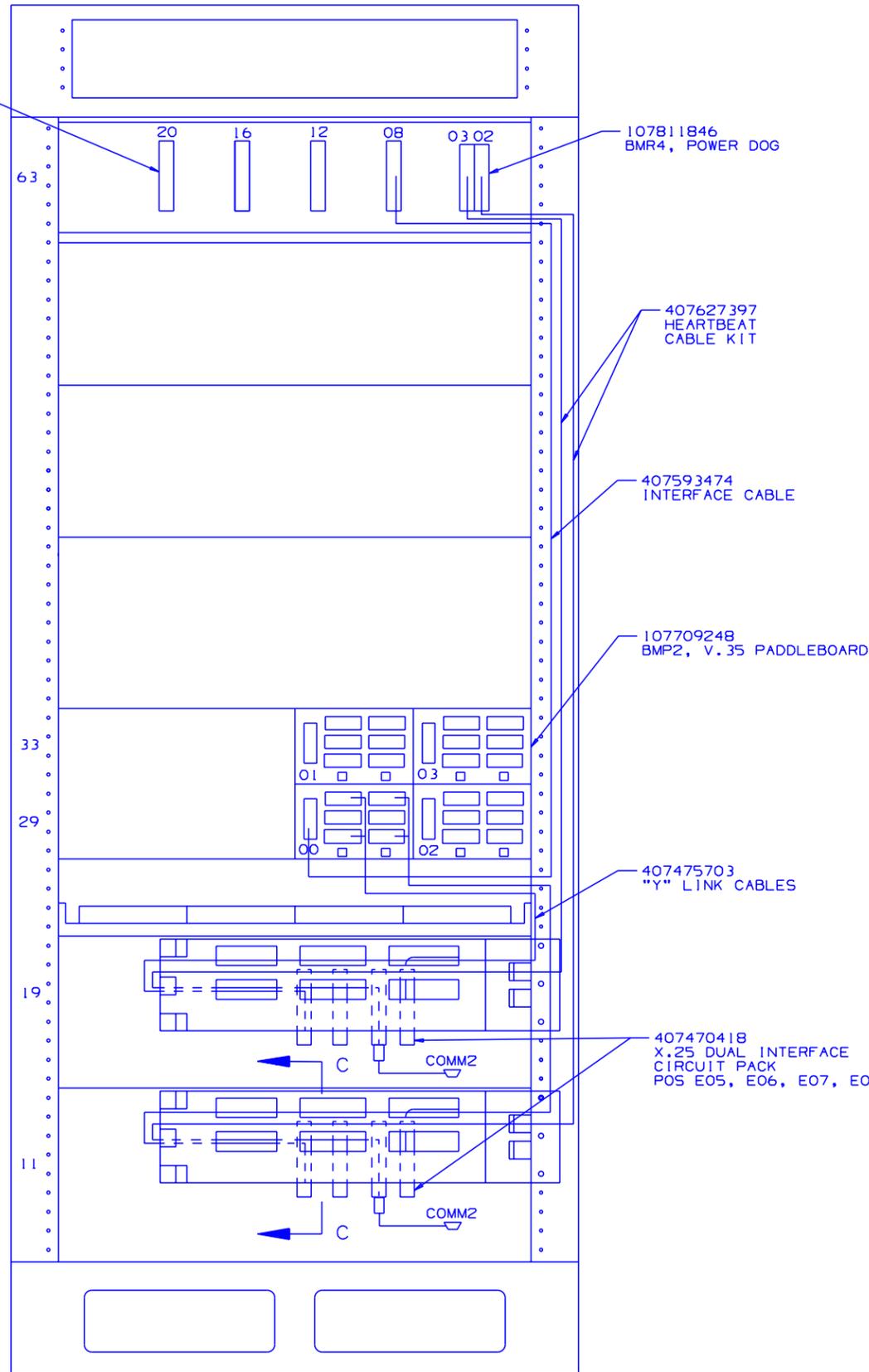


(REAR VIEW)
 FIG. 6
 METHOD OF INSTALLING
 ALARM CABLES

ALARM CABLES (PART OF GROUP 1)			
COMCODE	FROM	COLOR	TO
407512524	68-098-117	GREEN	11-000-1+
	68-098-103	WHITE	11-000-1-
407512524	68-098-112	GREEN	19-000-1+
	68-098-106	WHITE	19-000-1-
407472190	48-J20-0-1	RED	11-000-2+
	48-J20-0-2	BLACK	11-000-2-
407472190	48-J20-1-1	RED	19-000-2+
	48-J20-1-2	BLACK	19-000-2-
407659119	36-004-210	BLACK	11-000-3-
	36-004-211	GREEN	11-000-3+
	36-004-301	RED	19-000-3+
	36-004-300	WHITE	19-000-3-
ED5D734-14 GROUP 15	68-098-000		BEZEL LED POS 1
	68-098-001		BEZEL LED POS 2
	36-004-100		BEZEL LED POS 3
	36-004-102		BEZEL LED POS 4

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE C2	ISSUE 1
	Lucent Technologies, Inc.	EDISO15-61 SHEET B9

107869778
BMR3 PORT
SWITCH BOARD
E/W 107709214
BMS1 MEZZANINE
MODULE

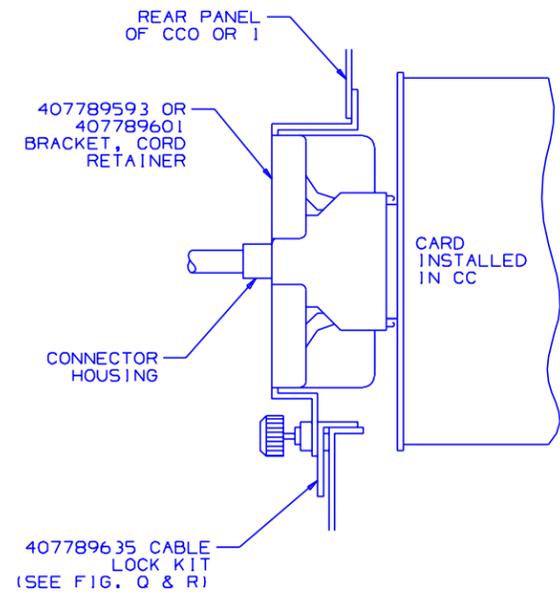


(REAR VIEW)

FIG. 7
METHOD OF INSTALLING
HEARTBEAT AND X.25 LINK CABLING

HEARTBEAT CABLE (PART OF GROUP 1)			
COMCODE	TYPE	FROM	TO
407627397		63-002-J2	11-000-COM2
407627397		63-003-J2	11-000-COM2

DUAL X.25 LINK CABLING (GROUP 250)				
	COMCODE	TYPE	FROM	TO
1ST GROUP 250	407593474	INTERFACE	29-00-J7	63-008
	407575703	"Y" LINK 1	11-E05	29-00-1NA0 29-00-1NA1
	407575703	"Y" LINK 2	19-E05	29-00-1NB0 29-00-1NB1
2ND GROUP 250	407593474	INTERFACE	33-01-J7	63-012
	407575703	"Y" LINK 3	11-E06	33-01-1NA0 33-01-1NA1
	407575703	"Y" LINK 4	19-E06	33-01-1NB0 33-01-1NB1
3RD GROUP 250	407593474	INTERFACE	29-02-J7	63-016
	407575703	"Y" LINK 5	11-E07	29-02-1NA0 29-02-1NA1
	407575703	"Y" LINK 6	19-E07	29-02-1NB0 29-02-1NB1
4TH GROUP 250	407593474	INTERFACE	33-03-J7	63-020
	407575703	"Y" LINK 7	11-E08	33-03-1NA0 33-03-1NA1
	407575703	"Y" LINK 8	19-E08	33-03-1NB0 33-03-1NB1



VIEW C-C

METHOD OF INSTALLING
G22, G200 & G250 CORD
RETAINER BRACKET

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ADVANTAGE
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DWG SIZE C2	ISSUE 4
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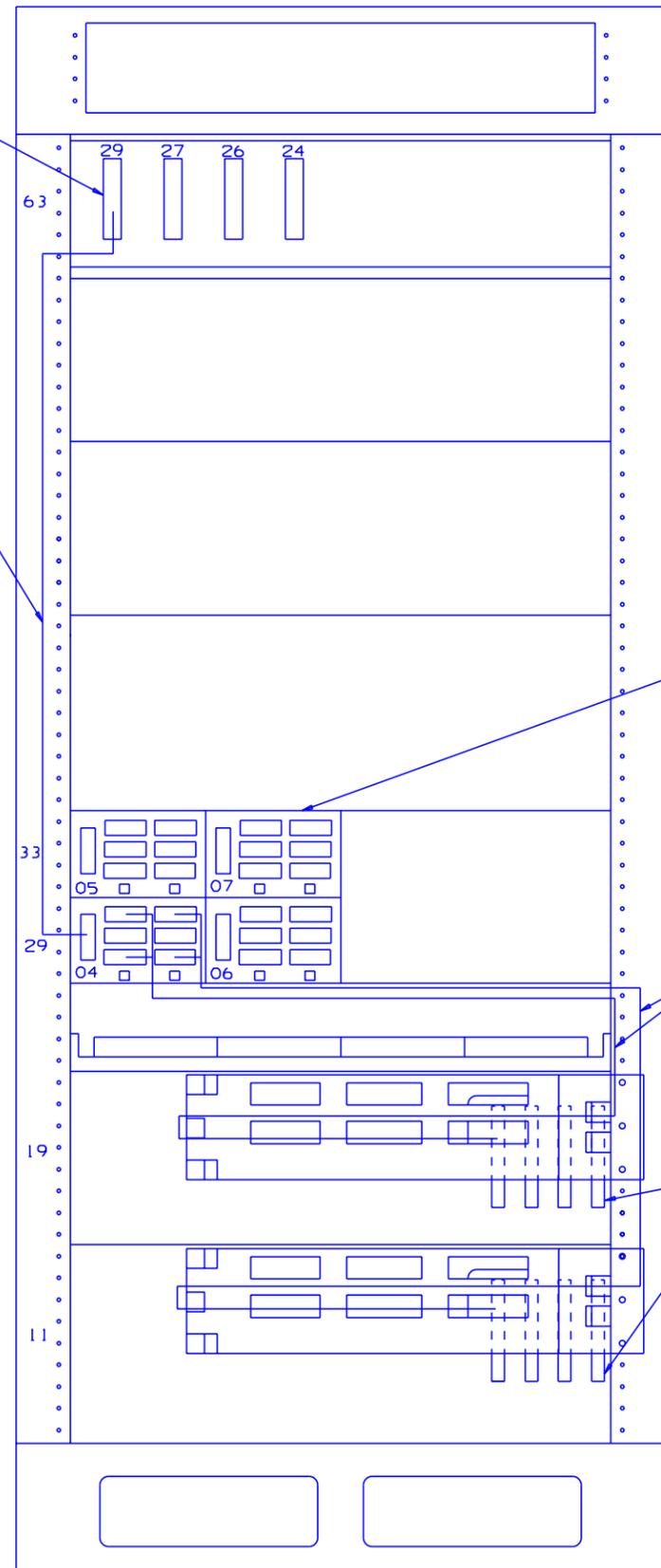
107869778,
BMR3 PORT
SWITCH CARD
E/W 107709214,
BMS1 MEZZANINE
MODULE

407593474
INTERFACE CABLES

107709248
BMP2 V.35 PADDLEBOARD

407575703
"Y" LINK CABLES

407470376
V.35/SS7 DUAL
INTERFACE CARD
POS E09, E10, E11, E12



(REAR VIEW)

FIG. 8

RELEASE R7 ONLY
METHOD OF INSTALLING
DUAL SS7 LINK CABLING

RELEASE R7 ONLY

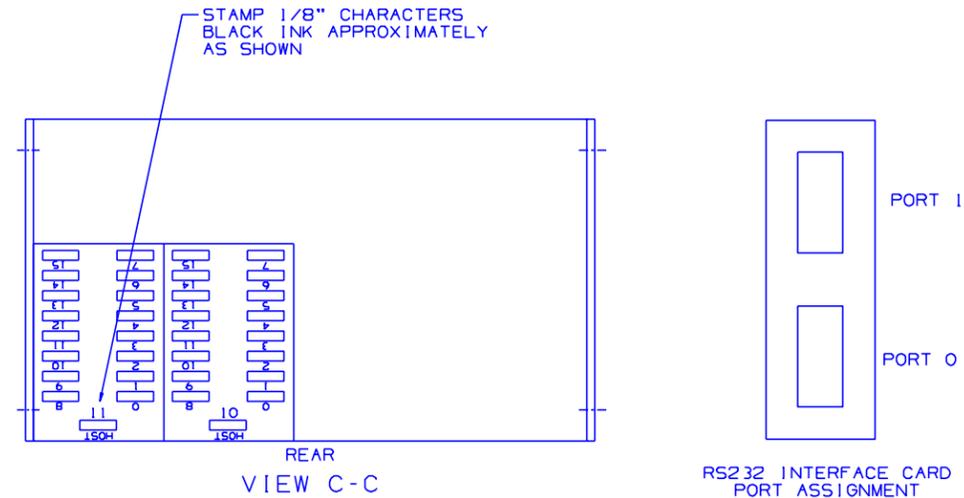
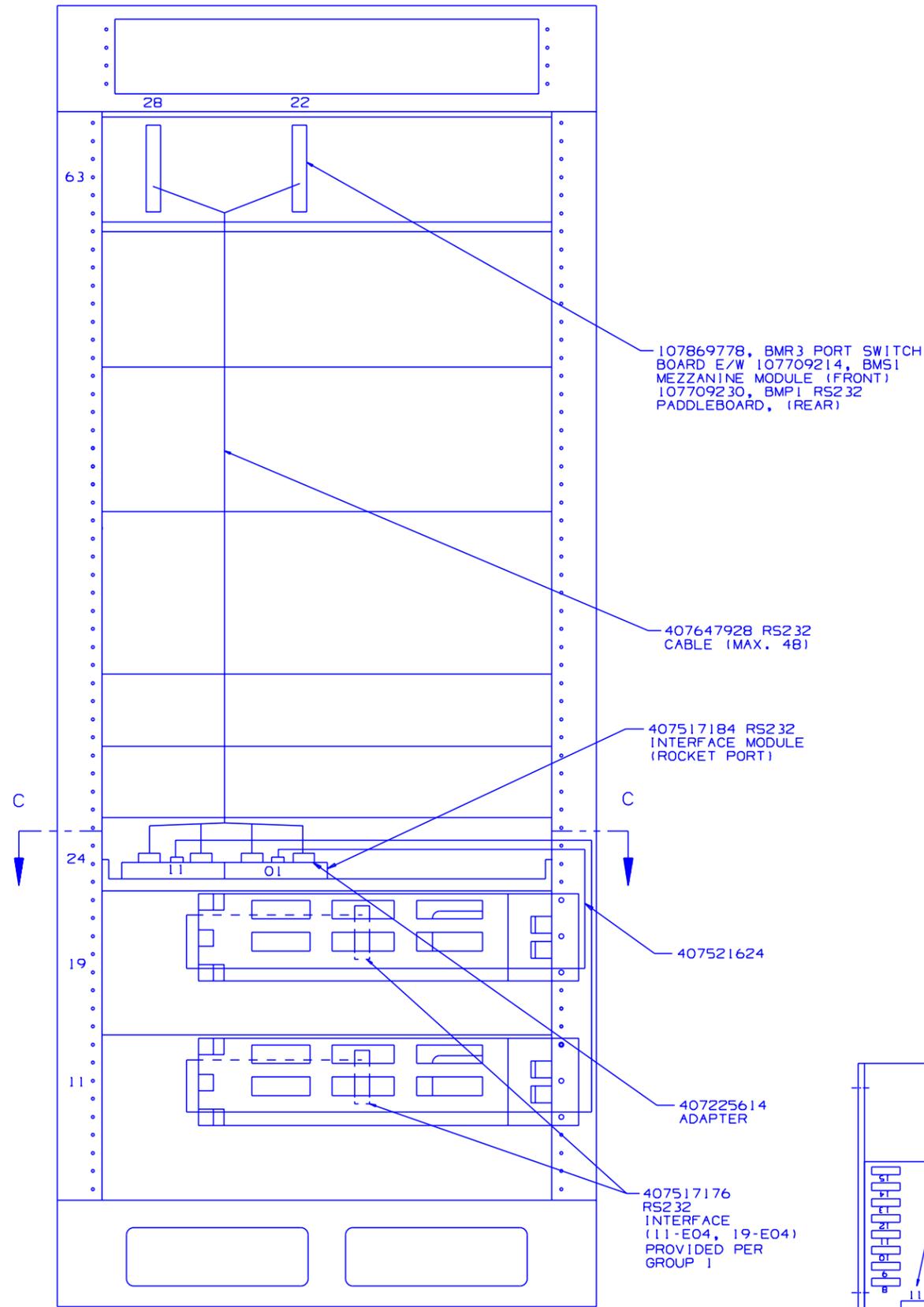
DUAL SS7 LINK CABLING (GROUP 200)			
COMCODE	TYPE	FROM	TO
407593474	INTERFACE	29-04-J7	63-024
407575703	"Y" LINK 1	11-E09	29-04-INA0 29-04-INA1
407575703	"Y" LINK 2	19-E09	29-04-INB0 29-04-INB1
407593474	INTERFACE	33-05-J7	63-026
407575703	"Y" LINK 3	11-E10	33-05-INA0 33-05-INA1
407575703	"Y" LINK 4	19-E10	33-05-INB0 33-05-INB1
407593474	INTERFACE	29-06-J7	63-027
407575703	"Y" LINK 5	11-E11	29-06-INA0 29-06-INA1
407575703	"Y" LINK 6	19-E11	29-06-INB0 29-06-INB1
407593474	INTERFACE	33-07-J7	63-029
407575703	"Y" LINK 7	11-E12	33-07-INA0 33-07-INA1
407575703	"Y" LINK 8	19-E12	33-07-INB0 33-07-INB1

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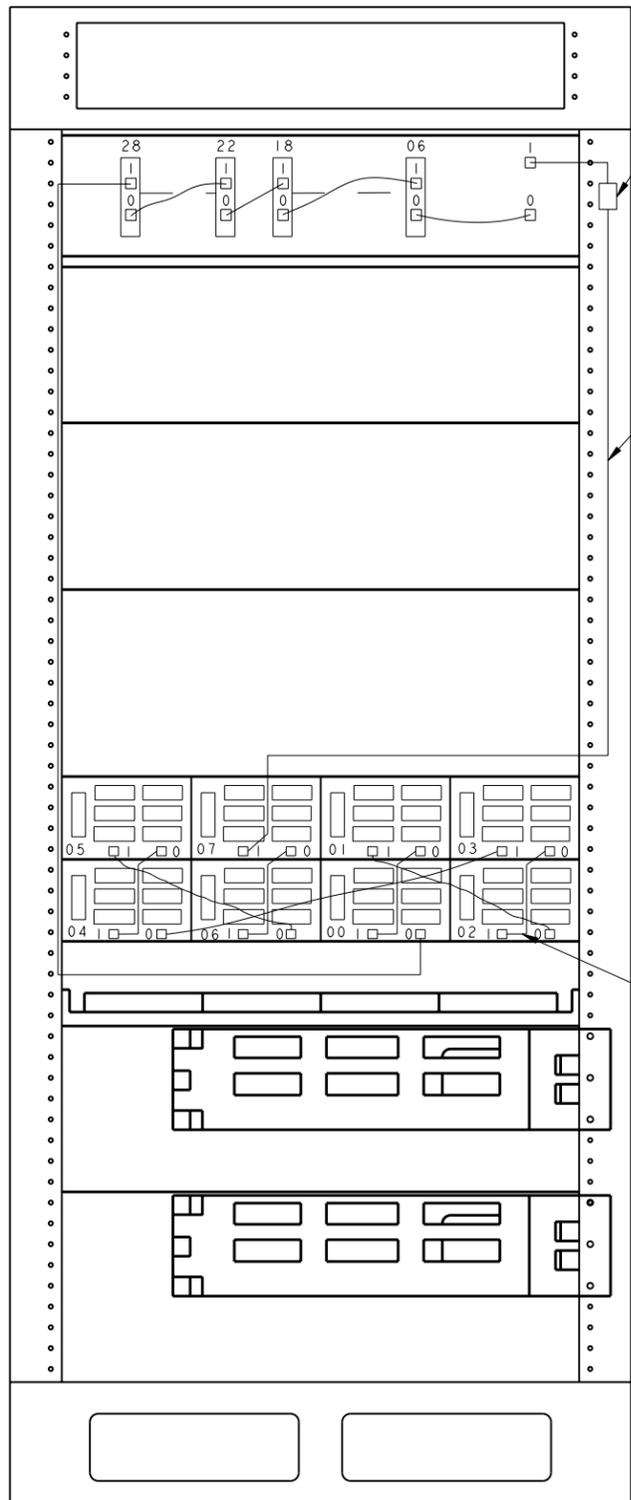
ADDITIONAL RS232 LINKS (16-23) (GROUP 300)				
	COMCODE	QTY	FROM	TO
FIRST GROUP 300	407521624	1	11-E04-PORT1	24-11-HOST
		1	19-E04-PORT1	24-11-HOST
SECOND GROUP 300	407647928	4	24-01-00 TO 03	63-022-1NA0 TO 1NA3
		4	24-11-00 TO 03	63-022-1NB0 TO 1NB3
		4	24-01-04 TO 07	63-028-1NA0 TO 1NA3
		4	24-11-04 TO 07	63-028-1NB0 TO 1NB3



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(REAR VIEW)
FIG. 9
 METHOD OF INSTALLING
 ADDITIONAL RS232 LINK CABLES
 IF REQUIRED

1.3+
Create
COMMON_HARDWARE



(REAR VIEW)

MODEL 1 SCP & SN

APPLICATION	AUXILIARY MULTIPLE													
	SS7		SS7		X.25		X.25		RS232					
EQUIPMENT LOCATION	33-05	29-04	33-07	29-06	33-01	29-00	33-03	29-02	022	018	014	010	006	001
AUXILIARY PORT NUMBER	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0
LINK NUMBER	0&1	2&3	*	2&3	4&5	6&7	4&5	6&7	16-19	12-15	8-11	4-7	0-3	
ACSC ONLY										X-X	X-X	X-X	X-X	X-X
ACSC E/W 4 X.25					X-X	X				X	X-X	X-X	X-X	X-X
ACSC E/W 4 X.25 & 2 SS7		X			X	X-X	X			X	X-X	X-X	X-X	X-X
ACSC E/W 4 X.25 & 4 SS7	X-X	X			X	X-X	X			X	X-X	X-X	X-X	X-X
ACSC E/W 8 X.25 & 4 SS7	X-X				X-X	X				X	X-X	X-X	X-X	X-X
ACSC E/W 8 X.25 & 8 SS7	X-X		X-X		X-X	X				X	X-X	X-X	X-X	X-X
ACSC E/W 8 X.25 & 8 SS7 & 4 ADDITIONAL RS232	X-X		X-X		X-X	X			X	X-X	X-X	X-X	X-X	X-X

MODEL 2 SCP

APPLICATION	AUXILIARY MULTIPLE										
	X.25		X.25		RS232						
EQUIPMENT LOCATION	33-01	29-00	33-03	29-02	028	022	018	014	010	006	001
AUXILIARY PORT NUMBER	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0	1 0
LINK NUMBER	3&4	1&2	7&8	5&6	20-23	16-19	12-15	8-11	4-7	0-3	
ACSC ONLY							X-X	X-X	X-X	X	X
ACSC E/W 4 X.25	X-X	X					X	X-X	X-X	X-X	X-X
ACSC E/W 8 X.25	X-X	X					X	X-X	X-X	X-X	X-X
ACSC E/W 8 X.25 & 8 ADDITIONAL RS232	X-X	X			X	X-X	X-X	X-X	X-X	X-X	X-X

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ADVANTAGE CONTROL SERVER CABINET

THIRD ANGLE PROJN

DWG SIZE C2 ISSUE 8

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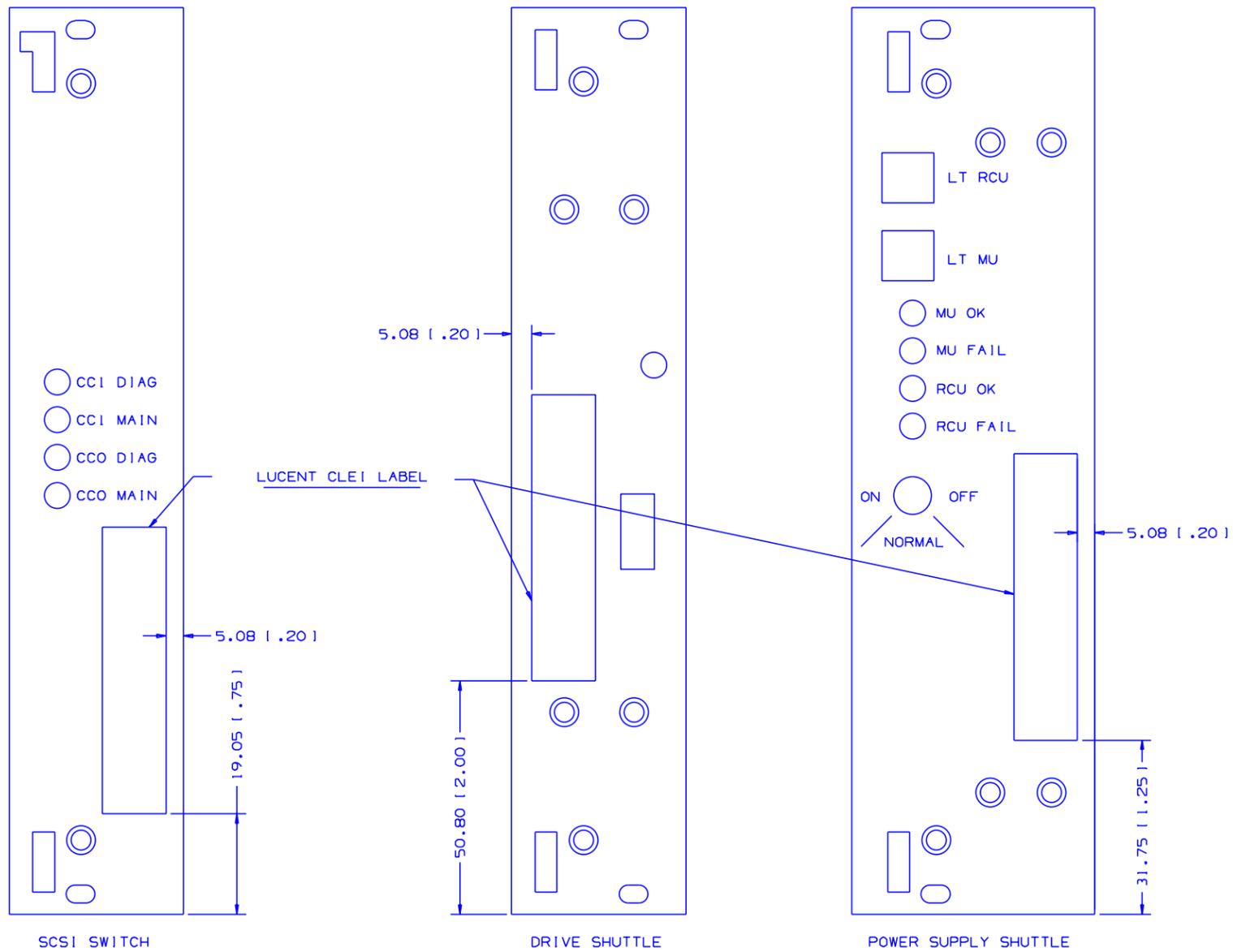


FIG. L
CLEI LABEL PLACEMENT
MEDIA UNIT CIRCUIT PACK
FACE PLATES

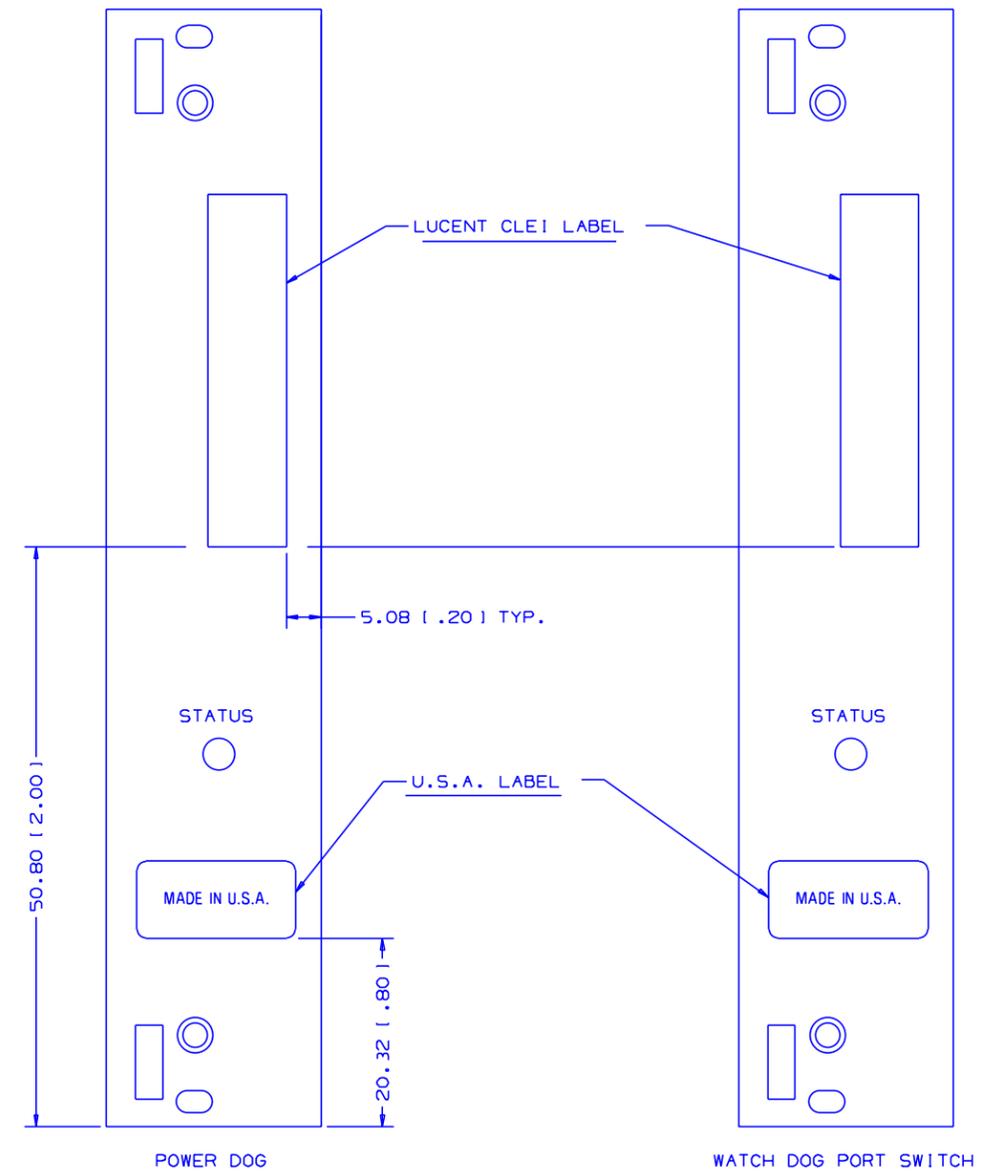


FIG. M
CLEI LABEL PLACEMENT
RCU UNIT CIRCUIT PACK
FACE PLATES

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ADVANTAGE CONTROL SERVER CABINET	DWG SIZE	ISSUE
	C2	1
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1.3+
Create
COMMON HARDWARE



FIG. N
LABEL SHOULD BE PLACED EITHER ON BOTTOM SIDE OF X.25 OR SS7 BOARD BETWEEN FACE PLATE MTG HOLES OR TOPSIDE BOTTOM/LEFT EDGE OF CARD. CLEI LABEL SHALL BE PLACED AS SHOWN ABOVE.

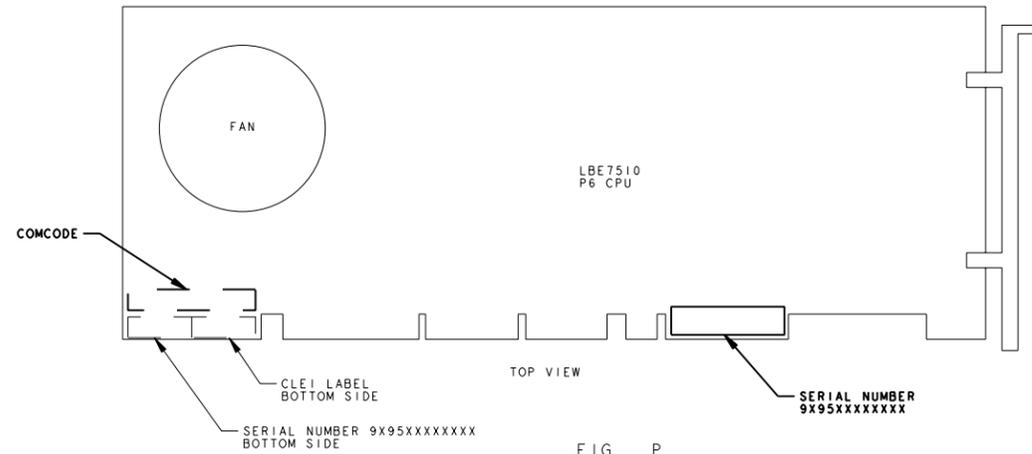


FIG. P
LABELS TO BE PLACED AS SHOWN ON THE BOTTOM SIDE OF BOARD.

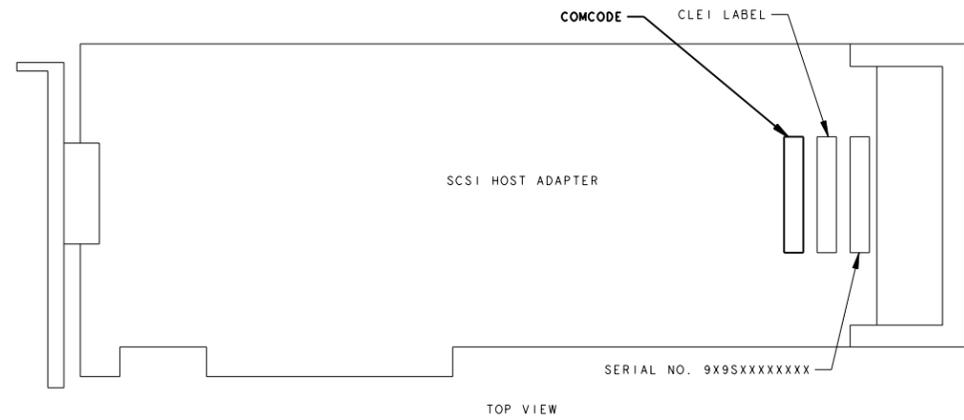


FIG. R
LABEL SHOULD BE PLACED ON TOPSIDE RIGHT EDGE IN CENTER OF SCSI HOST ADAPTER BOARD. CLEI LABEL SHOULD BE PLACED ON TOPSIDE RIGHT EDGE IN CENTER OF SCSI HOST ADAPTER BOARD NEXT TO COMCODE LABEL.

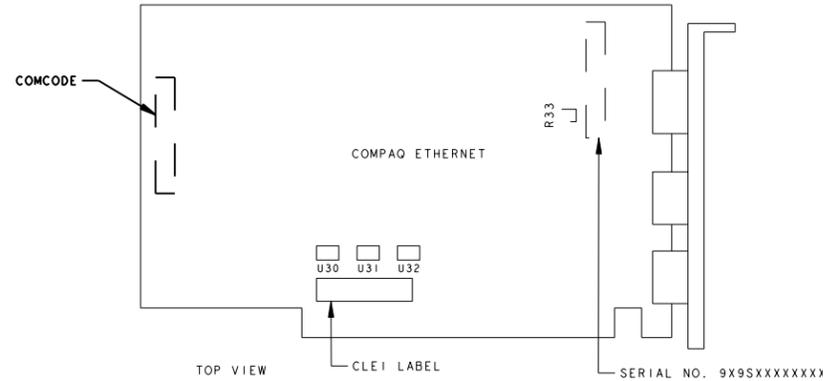


FIG. S
LABEL SHOULD BE PLACED ON BOTTOM SIDE UNDER R33 DEVICE. LABEL SHOULD BE AFFIXED PARALLEL WITH ETHERNET BOARD FACEPLATE. CLEI LABEL SHOULD BE PLACED ON TOP SIDE UNDER U30, U31 & U32 DEVICES.

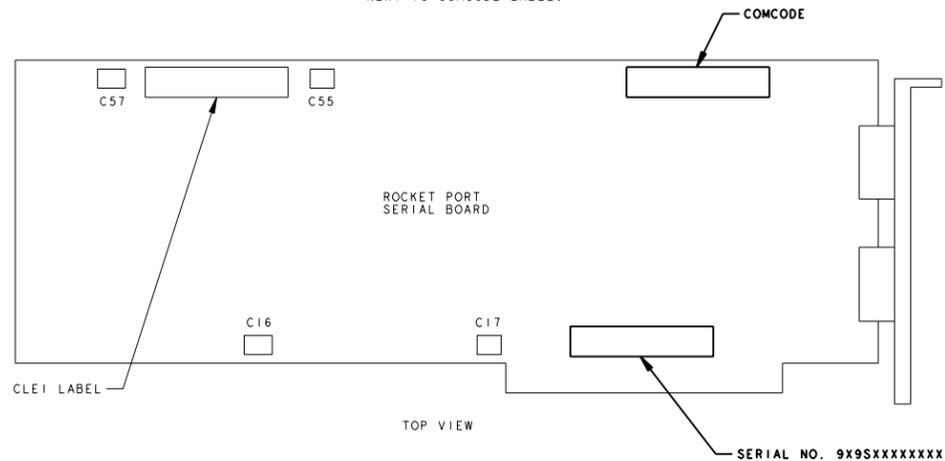


FIG. T
LABEL SHOULD BE PLACED ON TOPSIDE BETWEEN C16 AND C17 COMPONENTS OF MULTISERIAL BOARD. CLEI LABEL SHOULD BE PLACED ON TOP SIDE BETWEEN C55 AND C57 COMPONENTS OF MULTISERIAL BOARD.

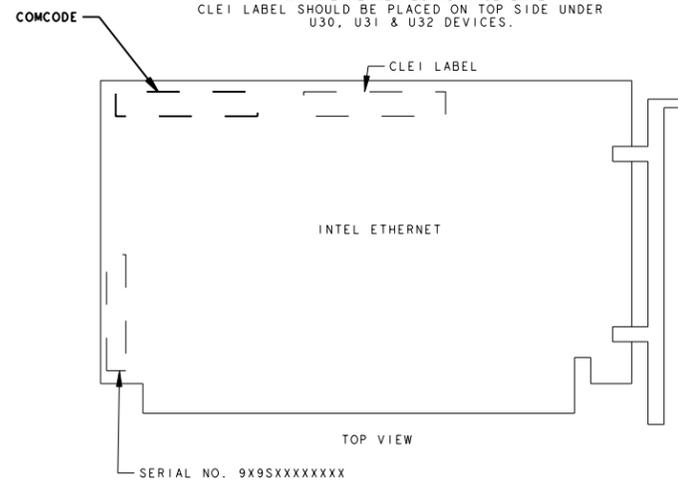


FIG. U
LABEL SHOULD BE PLACED ON BOTTOM SIDE (DIRECTLY UNDER S/N LABEL), LOWER BOTTOM/RIGHT EDGE OF ETHERNET BOARD. CLEI LABEL SHOULD BE PLACED ON BOTTOM SIDE OF INTEL ETHERNET BOARD TOP EDGE IN CENTER OF BOARD.

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ADVANTAGE
CONTROL SERVER
CABINET

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
8

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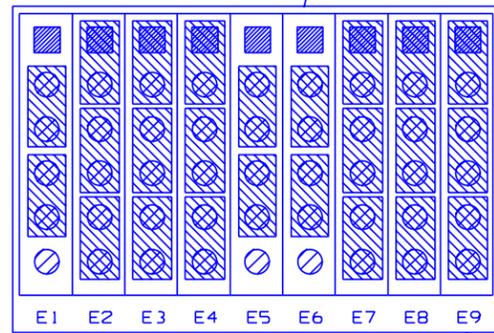
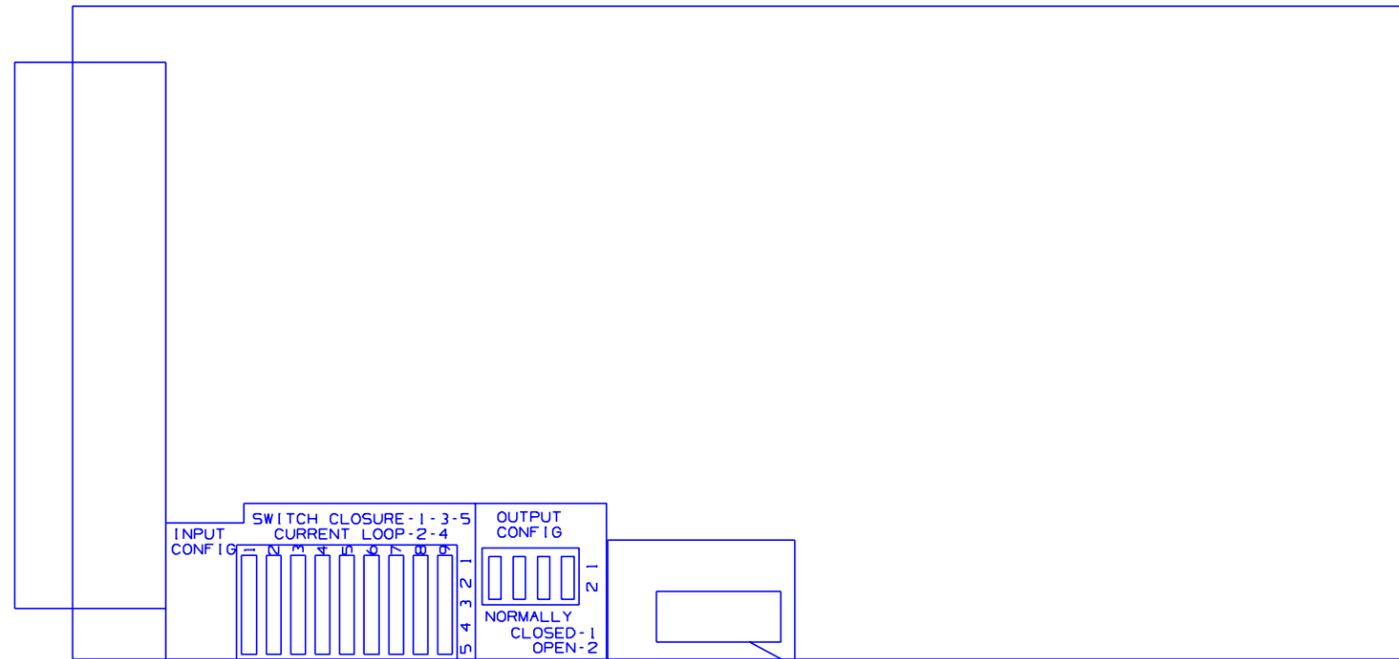
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SHEET NO.
815

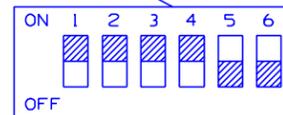
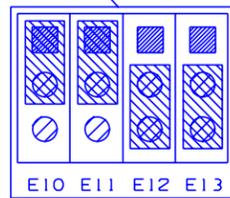
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DRAWING NAME=EDIS015-61
MODEL/ASM NAME=MODEL NAME

DTI PRODUCT
 AAB1024 ALARM INTERFACE BOARD
 JUMPER AND SWITCH LOCATIONS



NOT AVAILABLE



SW1

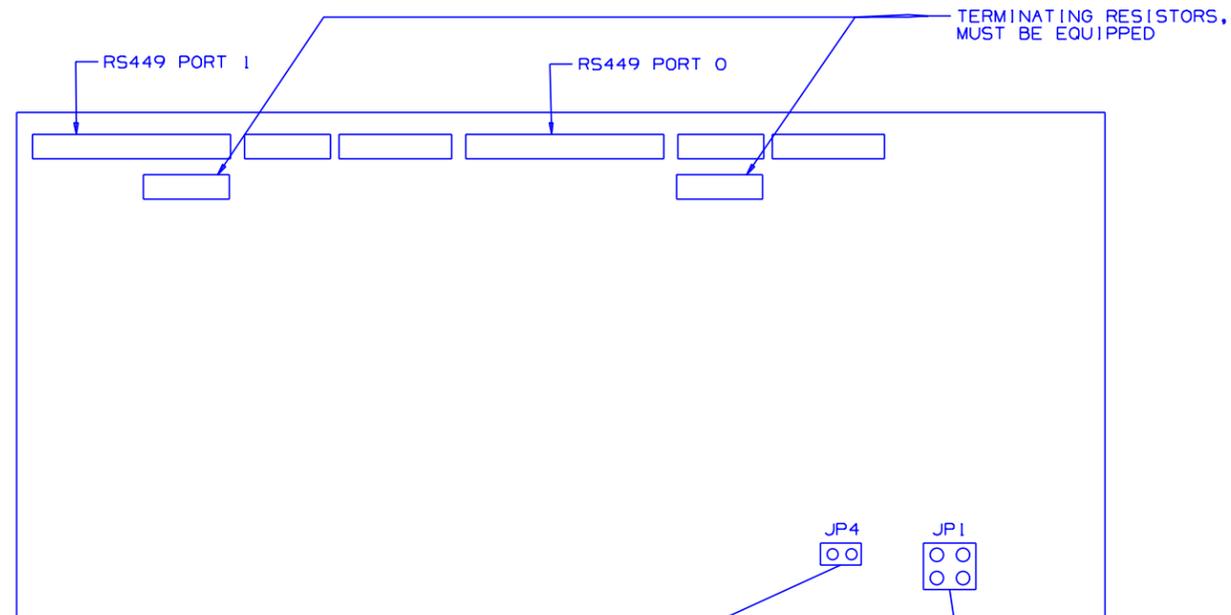


PIN 1 IS DENOTED BY A "SQUARE" PIN

JUMPER POSITION IS INDICATED BY A HEAVY OUTLINE

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ADAX PRODUCT
SS7 AND X.25 BOARD JUMPER SETTINGS



INTERRUPT TERMINATOR BLOCK (JP4)

NOTE: THE INTERRUPT TERMINATOR BLOCK FOR JP4 MUST ONLY BE INSTALLED IN THE BOARD THAT OCCUPIES SLOT 9 (SS7), AND SLOT 5 (X.25).

RAM JUMPER (JP1)

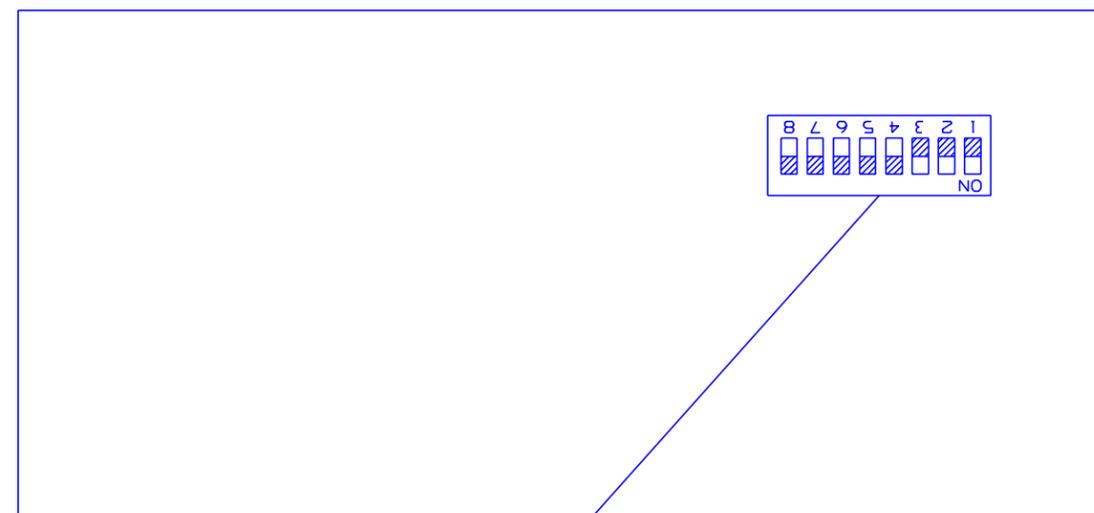
NOTE: THE RAM JUMPER (JP1) IS LEFT OPEN.

SS7				X.25			
SLOT 12	SLOT 11	SLOT 10	SLOT 9	SLOT 8	SLOT 7	SLOT 6	SLOT 5

CONTROL PRODUCT

RS232 ASYNCHRONOUS BOARD DIP SWITCH SETTINGS

THE DIP SWITCH ASSOCIATED WITH THIS CIRCUIT PACK IS UPSIDE DOWN AND ON/OFF CONVENTIONS ARE AS SHOWN IN KEY.



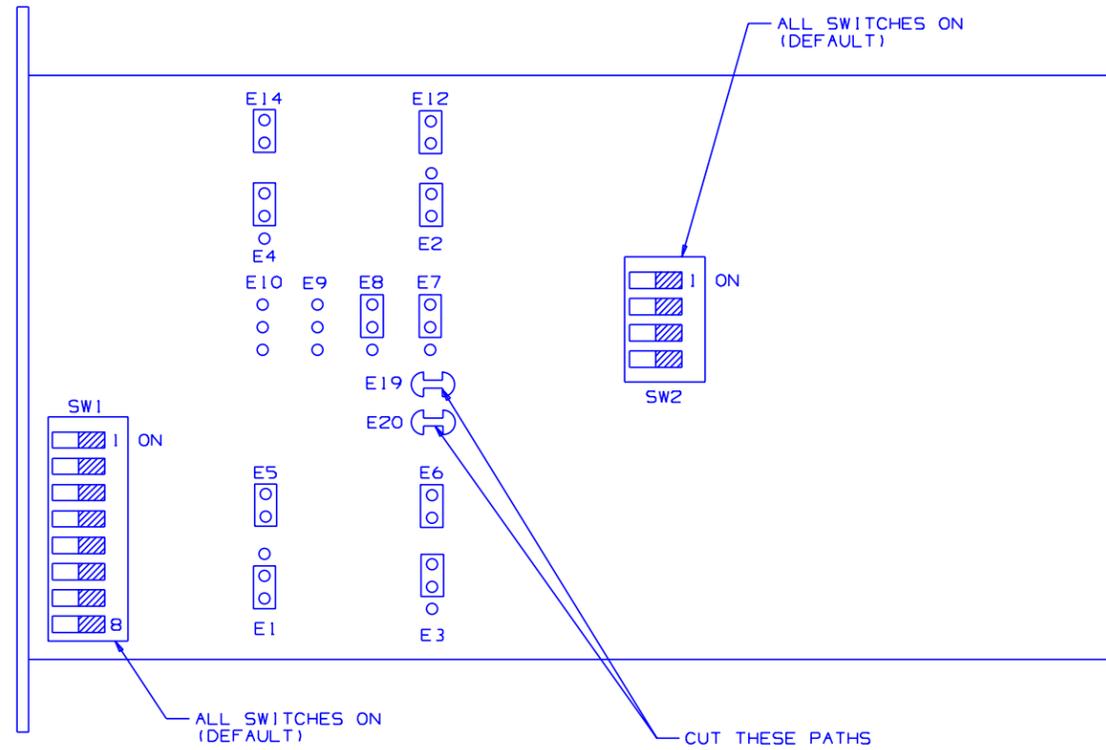
DEFAULT DIP SWITCH SETTINGS

NOTE: THE FIRST THREE (1-3) DIP SWITCH SETTINGS MUST BE SET TO ON (UP) ON THE RS232 ASYNCHRONOUS BOARD. THE LAST FIVE (4-8) MUST BE SET TO OFF (DOWN).

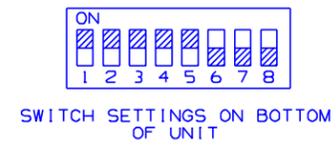
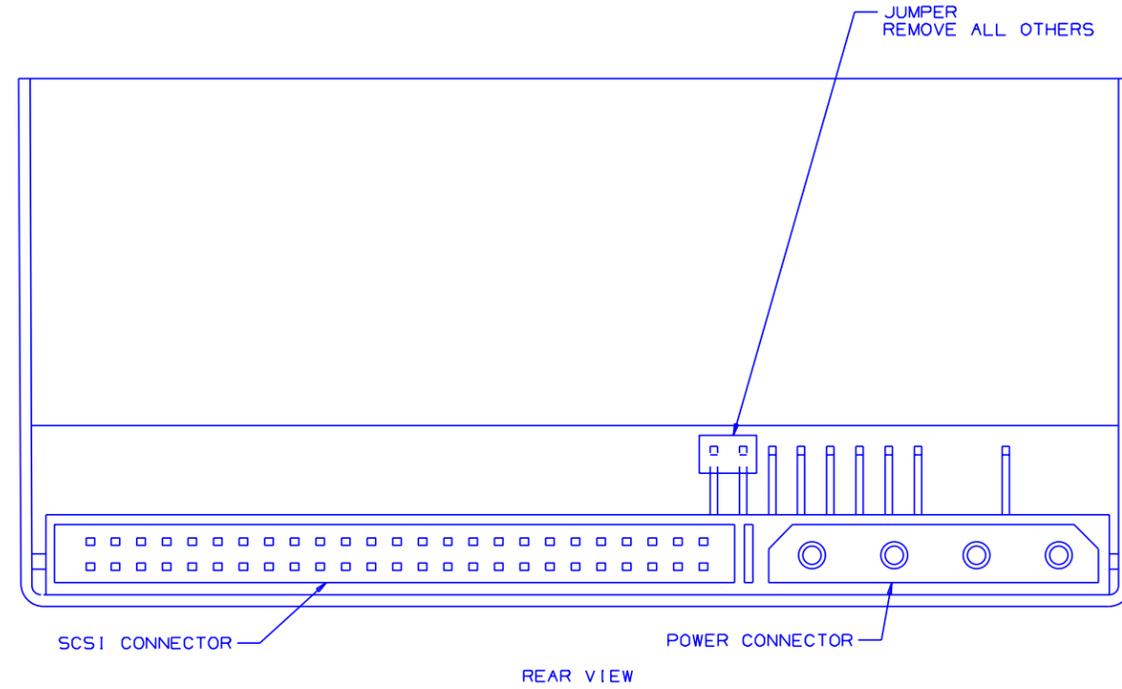
KEY	
ON	
OFF	

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APCON PRODUCT
AC12021 A11 SCSI SWITCH BOARD
JUMPER AND SWITCH SETTINGS



HEWLETT PACKARD PRODUCT
C1533-00100 SCSI TAPE DRIVE
JUMPER AND SWITCH SETTINGS



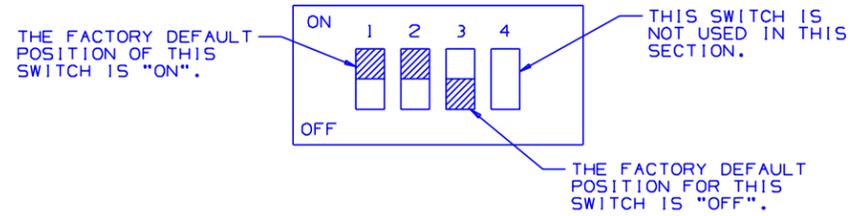
SWITCH SETTINGS ON BOTTOM OF UNIT

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		SHEET B18

NOTATION CONVENTIONS

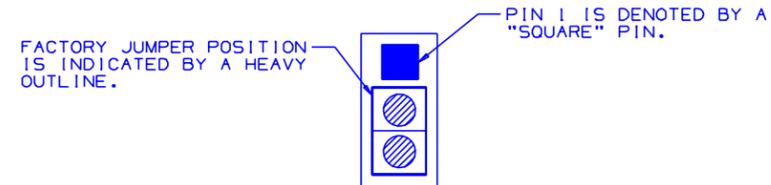
IN THE FOLLOWING MATERIAL, CERTAIN NOTATION CONVENTIONS ARE USED WHICH BEAR SOME EXPLANATION.

WHENEVER A PARTICULAR SECTION USES DIP SWITCHES IN CONFIGURATION, ONLY THOSE DIP SWITCHES WHICH AFFECT THE SECTION ARE SHOWN. THE RELEVANT SWITCHES ARE DRAWN IN THE FACTORY CONFIGURATION POSITION. FOR EXAMPLE:

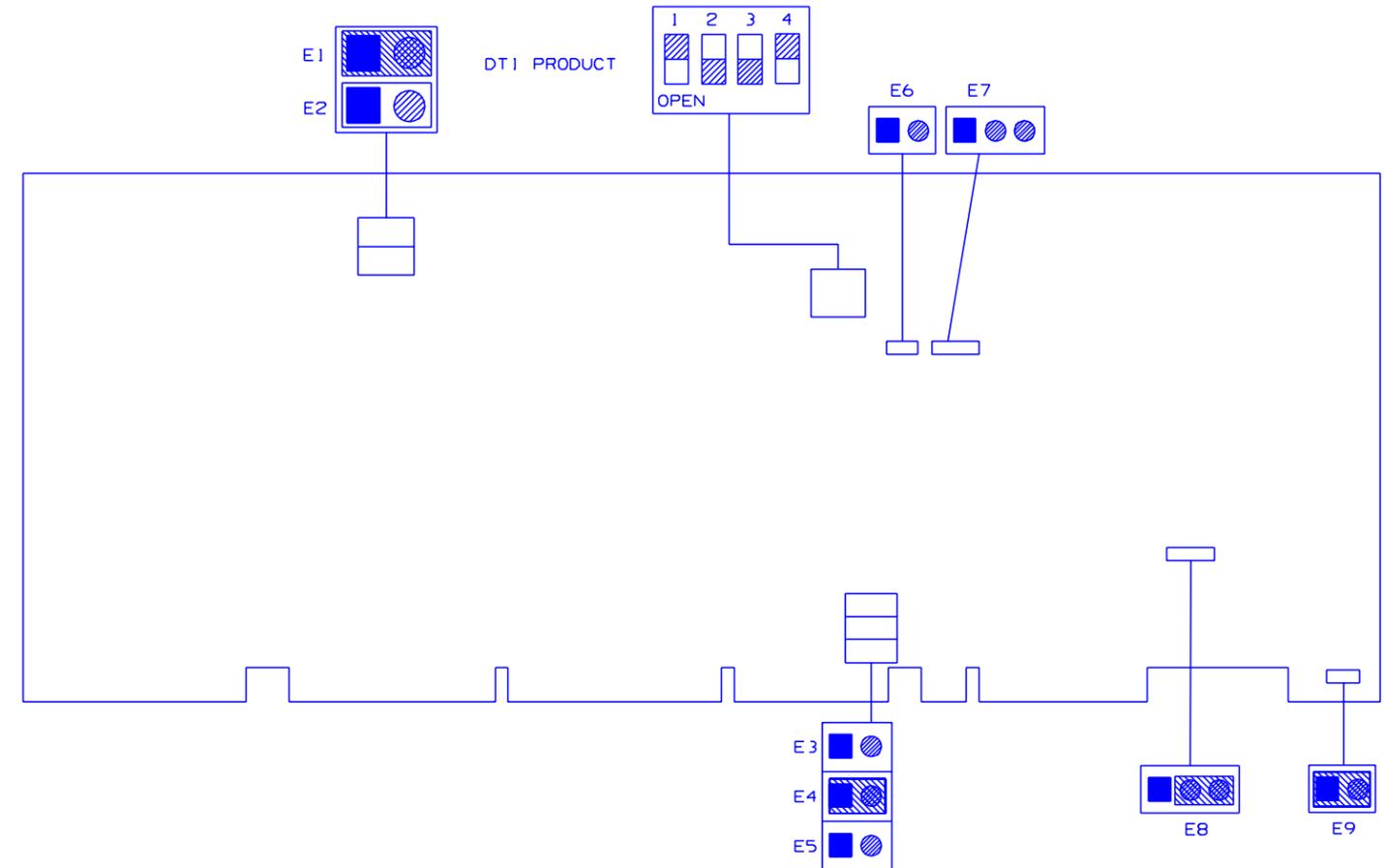


MOST PLACES IN THE TEXT WILL REFER TO SWITCH POSITIONS AS "ON" OR "OFF". IT SHOULD BE UNDERSTOOD THAT "OPEN" AND "OFF" ARE EQUIVALENT, AS ARE "CLOSED" AND "ON".

SOME CONFIGURATION CHOICES ARE MADE BY JUMPERS OR SHUNTS. THE DRAWING CONVENTION FOR THESE IS AS FOLLOWS:



IN CONFIGURATION TABLES ASSOCIATED WITH SWITCHES AND JUMPERS, THE FACTORY DEFAULT CONFIGURATION IS MARKED WITH AN ASTERISK(*).



LBE7510 CONTROL COMPUTER
JUMPER/SWITCH LOCATIONS & DEFAULT SETTINGS

SWITCH	POSITION	FUNCTION
SW1-1	ON*	COLOR DISPLAY
	OFF	MONOCHROME DISPLAY
SW1-2	ON	MANUFACTURING TEST
	OFF*	NORMAL MODE
SW1-3	ON	RESERVED
	OFF*	PS/2 OR /AT KEYBOARD
SW1-4	ON*	DTE(CONNECT TO A MODEM - /AT STANDARD)
	OFF	DCE(CONNECT TO A CPU)

NOTE: AN "*" INDICATES FACTORY DEFAULT SETTING.
NOTE: OPEN = OFF
CLOSED = ON

E1	E2	E3	E4	E5	CPU SPEED	CPU BUS FREQUENCY
OFF	ON	ON	OFF	ON	180 MHZ	60 MHZ
ON*	OFF*	OFF*	ON*	OFF*	200 MHZ	66 MHZ
OTHER COMBINATIONS					RESERVED	

JUMPER	POSITION	FUNCTION
E6	EQUIPPED	ENABLE
	NOT EQUIPPED*	DISABLE

JUMPER	POSITION	FUNCTION
E7	NOT EQUIPPED*	NO INTERRUPT
	1 & 2 EQUIPPED	IRQ7
	2 & 3 EQUIPPED	IRQ5

JUMPER	POSITION	INTERRUPT
E8	NOT EQUIPPED	NO INTERRUPT
	1-2 EQUIPPED	IRQ11
	2-3 EQUIPPED*	IRQ10

JUMPER	POSITION	BRACKET TP CPU GROUND
E9	EQUIPPED*	YES
	NOT EQUIPPED	NO

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ADVANTAGE
CONTROL SERVER
CABINET

DWG SIZE
C2

ISSUE
2

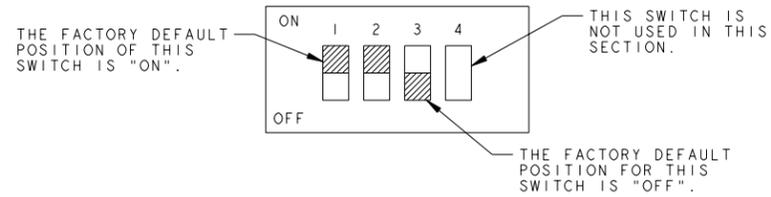
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1.3+
Create
COMMON_HARDWARE

NOTATION CONVENTIONS

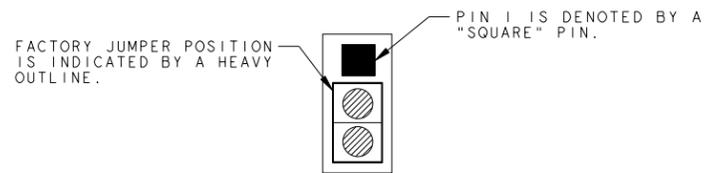
IN THE FOLLOWING MATERIAL, CERTAIN NOTATION CONVENTIONS ARE USED WHICH BEAR SOME EXPLANATION.

WHENEVER A PARTICULAR SECTION USES DIP SWITCHES IN CONFIGURATION, ONLY THOSE DIP SWITCHES WHICH AFFECT THE SECTION ARE SHOWN. THE RELEVANT SWITCHES ARE DRAWN IN THE FACTORY CONFIGURATION POSITION. FOR EXAMPLE:

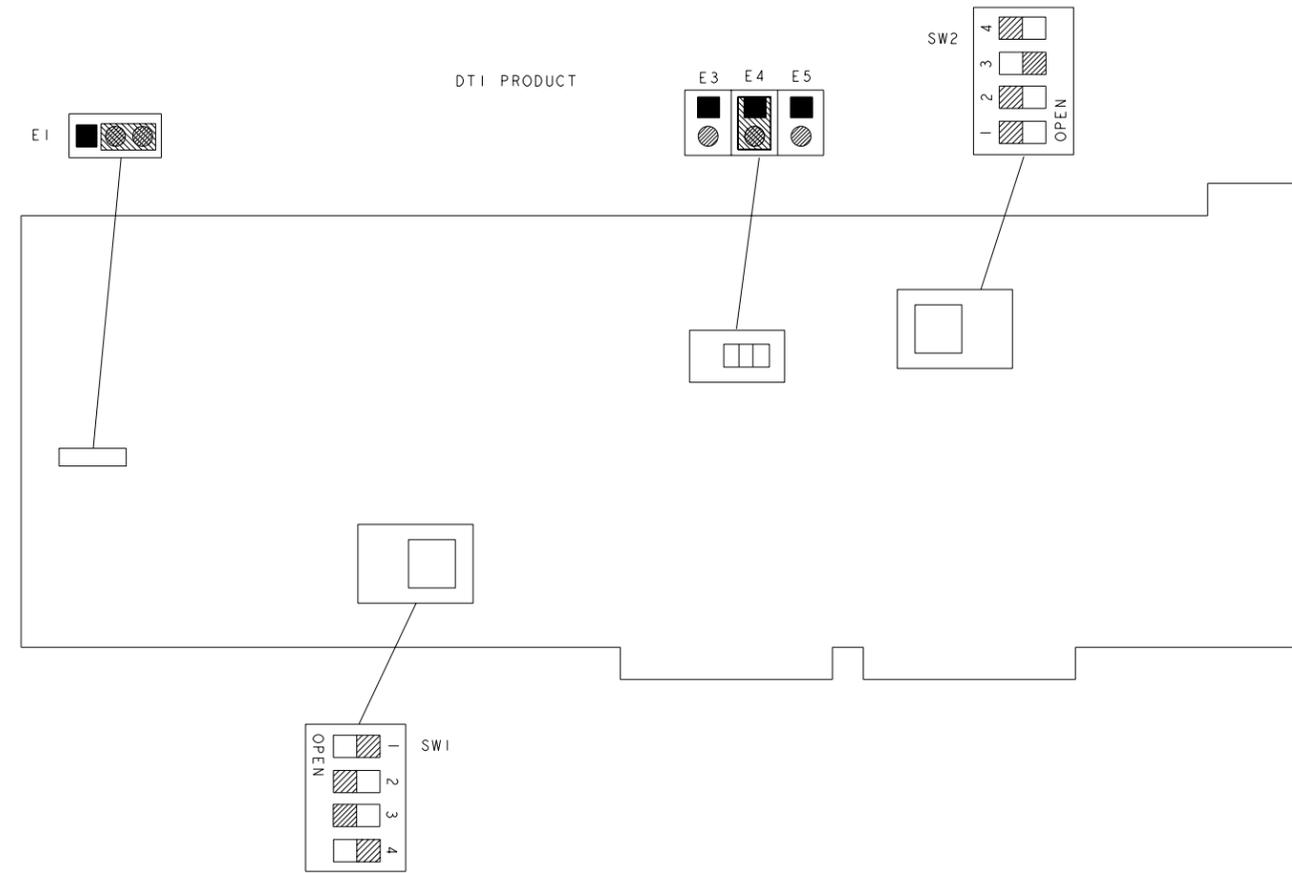


MOST PLACES IN THE TEXT WILL REFER TO SWITCH POSITIONS AS "ON" OR "OFF". IT SHOULD BE UNDERSTOOD THAT "OPEN" AND "OFF" ARE EQUIVALENT, AS ARE "CLOSED" AND "ON".

SOME CONFIGURATION CHOICES ARE MADE BY JUMPERS OR SHUNTS. THE DRAWING CONVENTION FOR THESE IS AS FOLLOWS:



IN CONFIGURATION TABLES ASSOCIATED WITH SWITCHES AND JUMPERS, THE FACTORY DEFAULT CONFIGURATION IS MARKED WITH AN ASTERISK(*).



LBE7543 CONTROL COMPUTER
JUMPER/SWITCH LOCATIONS & DEFAULT SETTINGS

SWITCH	POSITION	FUNCTION
SW1-1	ON*	COLOR DISPLAY
	OFF	MONOCHROME DISPLAY
SW1-2	ON	MANUFACTURING TEST
	OFF*	NORMAL MODE
SW1-3	ON	RESERVED
	OFF*	PS/2 OR /AT KEYBOARD
SW1-4	ON*	DTE(CONNECT TO A MODEM - /AT STANDARD)
	OFF	DCE(CONNECT TO A CPU)

NOTE: AN "*" INDICATES FACTORY DEFAULT SETTING.
NOTE: OPEN = OFF
CLOSED = ON

SWITCH	POSITION	CPU SPEED	CPU BUS FREQUENCY
SW2-1	ON*	200 MHZ	66 MHZ
	OFF		
SW2-2	ON*		
	OFF		
SW2-3	ON		
	OFF*		
SW2-4	ON*		
	OFF		

NOTE: AN "*" INDICATES FACTORY DEFAULT SETTING.
NOTE: OPEN = OFF
CLOSED = ON

JUMPER	POSITION	INTERRUPT
E1	NOT EQUIPPED	NO INTERRUPT
	1-2 EQUIPPED	IRQ11
	2-3 EQUIPPED*	IRQ10

PROJ-EGEDFORM.FRM-FEB-96

EDIS015-61

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ADVANTAGE
CONTROL SERVER
CABINET

THIRD ANGLE PROJ



DWG SIZE
C2

ISSUE
8

LUCENT
TECHNOLOGIES

EDIS015-61

SHEET NO.
B20

MODELED BY: COIX DATE: 3-Dec-98

DRAWING NAME=EDIS015-61
MODEL/ASM NAME=MODEL NAME

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MANUFACTURING NOTES

***** CONTINUED *****

GRAPHIC TECHNOLOGY
301 GARDNER DRIVE
NEW CENTURY, KANSAS

TELEPHONE (913) 764-5550 EXT 181 (ATTN: FRED COMBS)

THE SERIAL NUMBER AND COMCODE LABELS CAN ALSO BE PRINTED IN-HOUSE PER KS23490, LIST 5 REQUIREMENTS OR PROCURED FROM GRAPHIC TECHNOLOGY. SN/COMCODE LABEL ORDERS TO GRAPHIC TECHNOLOGY MUST SPECIFY QUANTITY REQUIRED, LIST NUMBER FROM KS23490, THE COMCODES REQUIRED AND THE BLOCK OF LUCENT TECHNOLOGIES SERIAL NUMBERS REQUIRED. LUCENT TECHNOLOGIES IS RESPONSIBLE FOR SUPPLYING THE INTEGRATOR WITH THE LUCENT SERIAL NUMBERS ALLOCATED ON A MONTHLY BASIS WITH PROJECTED PRODUCTION QUANTITIES. THE INTEGRATOR'S MANUFACTURING LOCATION ID CODE FOR USE IN THE SERIAL NUMBER LABELS IS "9R".

CLEI LABELS ARE TO BE APPLIED TO THE FACEPLATES OF THE MEDIA UNIT PLUGGABLE APPARATUS PER FIGURE "L". SERIAL NUMBER AND COMCODE LABELS ARE TO BE APPLIED TO THE SOLDER SIDE OF THE APPARATUS PRINTED WIRING BOARDS IN CONSISTANT LOCATIONS AS DETERMINED BY THE INTEGRATOR.

THE INTEGRATOR MAY ALSO APPLY STANDARD SUBRACK SERIALIZATION LABELING TO THE OUTSIDE OF THE MEDIA UNIT CHASSIS AS PART OF THE STANDARD MANUFACTURING PROCESS.

- 32. DIVERSIFIED TECHNOLOGIES INC. (DTI) IS TO PROCURE AND APPLY ALL LABELING ON THE CONTROL COMPUTER UNIT PLUGGABLE APPARATUS. THESE REQUIRED LABELS INCLUDE THE CLEI LABELS PER LUCENT SPECIFICATION KS22002, LIST 53 AND SERIAL NUMBER AND COMCODE LABELS PER LUCENT SPECIFICATION KS23490, LIST 5. THE CLEI LABELS ARE COMCODED ITEMS ORDERED BY THIS DRAWING. THEY MAY BE PRINTED IN-HOUSE PER KS22002 REQUIREMENTS OR PROCURED BY COMCODE FROM THE FOLLOWING LUCENT APPROVED VENDOR:

GRAPHIC TECHNOLOGY
301 GARDNER DRIVE
NEW CENTURY, KANSAS

TELEPHONE (913) 764-5550 EXT 181 (ATTN: FRED COMBS)

THE SERIAL NUMBER AND COMCODE LABELS CAN ALSO BE PRINTED IN-HOUSE PER KS23490, LIST 5 REQUIREMENTS OR PROCURED FROM GRAPHIC TECHNOLOGY. SN/COMCODE LABEL ORDERS TO GRAPHIC TECHNOLOGY MUST SPECIFY QUANTITY REQUIRED, LIST NUMBER FROM KS23490, THE COMCODES REQUIRED AND THE BLOCK OF LUCENT TECHNOLOGIES SERIAL NUMBERS REQUIRED. LUCENT TECHNOLOGIES IS RESPONSIBLE FOR SUPPLYING THE INTEGRATOR WITH THE LUCENT SERIAL NUMBERS ALLOCATED ON A MONTHLY BASIS PER PROJECTED PRODUCTION QUANTITIES. DTI'S MANUFACTURING LOCATION ID CODE FOR USE IN THE SERIAL NUMBER LABELS IS "9S".

CLEI, SERIAL NUMBER AND COMCODE LABELS ARE TO BE APPLIED TO THE SOLDER SIDE OF THE PLUGGABLE APPARATUS PRINTED WIRING BOARDS IN CONSISTANT LOCATIONS TO BE DETERMINED BY DTI. LABEL VISIBILITY WHEN THE PACKS ARE INSTALLED IN THE DTI CHASSIS, IE. TOP EDGE OF PWB IS PREFERRED BUT NOT REQUIRED BASED ON SPACE AVAILABLE.

THE INTEGRATOR MAY ALSO APPLY STANDARD SUBRACK SERIALIZATION LABELING TO THE OUTSIDE OF THE CONTROL COMPUTER CHASSIS AS PART OF STANDARD MANUFACTURING PROCESS. THE DTI SERIAL NUMBER ON THE SUBRACK LABEL IS TO CORRELATE TO THE SPECIFIC CONTENTS OF THE CHASSIS. AN ELECTRONIC AND HARD COPY DATABASE OF ALL LUCENT TECHNOLOGIES SERIAL NUMBERS CORRELATING TO THE DTI SUBRACK SERIAL NUMBER IS TO BE MAINTAINED, WITH AT LEAST A HARD COPY RECORD ACCOMPANYING EACH SUBRACK DELIVERED TO THE INTEGRATOR. ELECTRONIC TRANSFER OF THE SAME SERIAL NUMBER TRACKING DATA WILL BE PER REQUIREMENTS ESTABLISHED BY THE INTEGRATOR.

- 33. THE FACTORY MUST VERIFY THAT THE 4GB DISK DRIVES INSTALLED IN THE MEDIA UNITS (0 & 1) HAS FIRMWARE VERSION NUMBER - 0280. THE FIRMWARE VERSION LABEL IS AFFIXED AT THE TOP/HDA OF THE DISK DRIVE. IF THE DISKDRIVE IS NOT LABELED WITH THIS FIRMWARE NUMBER, THE FACTORY (MUPAC) MUST CONTACT THE LOCAL SEAGATE TECHNICAL SUPPORT TO INSTALL THE 0484 FIRMWARE ON THE 4GB SCSI DISK DRIVES.
- 34. FACTORY INSTALLED CABLES MUST NOT INTERFERE WITH THE ACCESS TO CONNECTORS REQUIRING FIELD INSTALLED CABLING.
- 35. FACTORY INSTALLED CABLES SHALL HAVE EXCESS CABLE LENGTH LOOPED IN THE VERTICAL CHANNELS. HORIZONTAL LOOPING IS ALLOWED ONLY IF VERTICAL SPACE IS NOT AVAILABLE AND IT COMPLIES WITH NOTE 34 CONCERNING INTERFERENCE WITH FIELD INSTALLED CONNECTIONS.

----- CONTINUED ON NEXT SHEET -----

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MANUFACTURING NOTES

***** CONTINUED *****

LEE'S SUMMIT, MO 60486

TEL. (861) 251-4000

- 21. THE 847416682 UNIVERSAL MOUNTING BRACKETS HAVE TWO SETS OF MOUNTING SLOTS. ONE SET STAMPED "US", FOR USE WITH STANDARD ENGLISH SCREWS AND THE OTHER STAMPED "M", FOR USE WITH SI, METRIC SCREWS. THE SLOTS STAMPED "M" ARE TO BE USED WHEN MOUNTING IN THE SESS-2000 SWITCH CABINET.
- 22. STAMP THE UNIT IDENTIFICATION I.E. (RCC, MUO, MU1 ETC.) ON EACH UNIT IN .318MM (.125 IN) CHARACTERS, BLACK INK, APPROXIMATELY AS SHOWN.
- 23. IF THE SECOND MEDIA UNIT (MU1) IS NOT PROVIDED PLENUM PANELS MUST BE INSTALLED ON THE SIDES, FRONT AND REAR OF THE CABINET IN THE LOCATION THAT UNIT WOULD NORMALLY OCCUPY IN ORDER TO ENSURE PROPER AIR FLOW TO THE UNITS ABOVE. ORDERED BY GROUP 110.
- 26. ONLY SIX OF THE TOWEL BARS PROVIDED WITH THE 847272879 EMC FRAME ADDITION KIT ARE TO BE INSTALLED ON THE INSIDE REAR FLANGE OF THE VERTICAL CHANNELS IN THE LOCATIONS SHOWN IN SKETCH B.
- 27. MEDIA UNIT SCSI DISK ADDRESS SWITCHES ARE TO BE SET AS FOLLOWS ON THE UNIT FRONT PANEL.

SCSI DISK POSITION	SWITCH SETTING
2	1
3	2
4	3
5	4
6	5
7	6
8	6
9	5
10	4
11	3
12	2
13	1

- 28. THE METRAL CABLE ASSEMBLY, 407593474, IS MADE UP OF FOUR INDIVIDUAL CONNECTORIZED CABLES. EACH IS LABELED WITH THE PIN FIELD THEY CONNECT TO: 1 - 6, 7 - 12, 13 - 18 AND 19 - 24. THEY SHOULD BE INSTALLED IN THE CONNECTORS IN THE V.35 PADDLE BOARDS OR THE RCU UNIT STARTING WITH CABLE 1 - 6 IN THE TOPMOST POSITION AND CONSECUTIVELY WITH CABLE 19 - 24 IN THE BOTTOM POSITION.

1 - 6
7 - 12
13 - 18
19 - 24

- 29. POWER AND ALARM WIRING IS ALWAYS PROVIDED FOR OPTIONAL UNITS. CONNECTIONS ARE SHOWN FOR REFERENCE ONLY.
- 30. LUCENT TECHNOLOGIES IS TO PROCURE AND APPLY ALL LABELING ON THE RCU PLUGGABLE APPARATUS PER STANDARD LUCENT TECHNOLOGIES PROCESSES. REQUIRED LABELS INCLUDE THE CLEI LABEL PER KS22002,L61 SERIAL NUMBER AND COMCODE LABELS PER KS23490 AND THE "MADE IN THE U.S.A" LABEL. CLEI LABEL IS TO BE APPLIED TO THE FRONT FACEPLATE OF THE WATCHDOG, POWERDOG AND PORT SWITCH CIRCUIT PACKS PER FIG. "M". CLEI LABELS FOR THE OTHER PLUGGABLE APPARATUS IN THE RCU TO BE APPLIED TO THE SOLDER SIDE OF THE PRINTED WIRING BOARDS. THE SERIAL NUMBER AND COMCODE LABELS ARE TO BE APPLIED TO THE COMPONENT SIDE OF THE PACKS PER STANDARD MANUFACTURING PRACTICES. THE "MADE IN U.S.A." LABEL IS TO BE APPLIED TO THE WATCHDOG, POWERDOG AND PORT SWITCH CIRCUIT PACK FACEPLATES PER FIG. "M" AND TO THE SOLDER SIDE OF THE PRINTED WIRING BOARDS FOR ALL OTHER PLUGGABLE APPARATUS. A SUBRACK SERIALIZATION LABEL MAY ALSO BE APPLIED TO THE OUTSIDE OF THE RCU CHASSIS AT THE DISCRETION OF THE CABINET INTEGRATOR AS PART OF THE STANDARD MANUFACTURING PROCESS.
- 31. THE INTEGRATOR IS TO PROCURE AND APPLY ALL LABELING ON THE MEDIA UNIT PLUGGABLE APPARATUS. REQUIRED LABELS INCLUDE THE CLEI LABELS PER LUCENT SPECIFICATION KS22002, LIST 53 AND SERIAL NUMBER AND COMCODE LABELS PER LUCENT SPECIFICATION KS23490, LIST 5. THE CLEI LABELS ARE COMCODED ITEMS ORDERED BY THIS DRAWING. THEY MAY BE PRINTED IN-HOUSE PER KS22002 REQUIREMENTS OR PROCURED BY COMCODE FROM THE FOLLOWING LUCENT APPROVED VENDOR.

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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.

- 12. THIS DOCUMENT CONTAINS BOTH CUSTOMARY U.S. (INCH) AND SI (METRIC) DIMENSIONS. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS. EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.
- 13. WHEN JUNCTIONING SIX FOOT CABINETS TOGETHER THE LEVEL OF EACH CABINET SHALL BE DETERMINED AT THE TOP SURFACE OF THE CABINET AND NOT THE BOTTOM.
- 14. THE HEXAGON HEAD CAP SCREWS USED FOR JUNCTIONING CABINETS TOGETHER MAY BE INSERTED FROM EITHER SIDE OF THE JUNCTION AS DETERMINED BY THE MANUFACTURING LOCATION.
- 15. THE COMCODES SHOWN IN THE STOCKLIST IDENTIFICATION FIELD REFERENCED BY THIS NOTE ARE NOT THE INDIVIDUAL OR SINGULAR COMCODE FOR THE PART DESCRIBED BUT ARE THE FACTORY'S ORDERING COMCODE. TABLE JJ CONTAINS THE FACTORY'S ORDERING COMCODE FOR THE DESCRIBED PART AND THE EQUIVALENT SINGULAR/INDIVIDUAL COMCODE THAT MAY BE REQUIRED BY AN INSTALLER, CUSTOMER, REGIONAL LINE ENGINEER, OR A CLASS A CHANGE NOTICE.
- 16. CABINET ADDRESS LABELS SHOWN IN THE STOCKLIST ARE FOR ACCOUNTING PURPOSES ONLY ACTUAL LABELS ARE PROVIDED PER JOB SPECIFICATIONS.
- 17. ATTACH ONE LABEL TO THE TOP, MIDDLE, REAR OF THE CABINET FOR IDENTIFICATION PURPOSES. THE REMAINING LABELS ARE TO BE BAGGED AND ATTACHED TO THE CABINET FOR FIELD APPLICATION TO THE FRONT AND REAR INDICATOR STRIPS.
- 18. TO BE OBTAINED FROM:
 - CONTROL CORPORATION.
2675 PATTON ROAD
SAINT PAUL, MINNESOTA 55113
TEL. (612) 631-7654, FAX. (612) 631-8117
 - TO BE OBTAINED FROM:
 - DIVERSIFIED TECHNOLOGY INC.
476 HIGHLAND COLONY PARKWAY
RIDGELAND, MS 39158
TEL. (601) 856-4121, FAX. (601) 856-2888
 - TO BE OBTAINED FROM:
 - BERG ELECTRONICS
777 NORTH BLUE PARKWAY
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BT13

ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

DWG SIZE
C2

ISSUE
14

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1, 1A, 1B, 2, 3, 600, 601, 602, 610, 611, 612, 620, 621, 622, 630, 640, 650, 660, 660A, 661, 670, 670A, 671, 680, 680A, 681, 690, 691, 692, 700, 701, 702	1	847265733		ASSEMBLY, FRAME			
1010	1, 1A, 1B, 2, 3, 600, 601, 602, 610, 611, 612, 620, 621, 622, 630, 640, 650, 660, 660A, 661, 670, 670A, 671, 680, 680A, 681, 690, 691, 692, 700, 701, 702	1	847272879		KIT, EMC FRAME ADDITION			26
1020	1, 1A, 1B, 2, 3, 600, 601, 602, 610, 611, 612, 620, 621, 622, 630, 640, 650, 660, 660A, 661, 670, 670A, 671, 680, 680A, 681, 690, 691, 692, 700, 701, 702	2	845081991		LABEL, ESD			
1040	1, 1A, 1B, 2, 3, 600, 601, 602, 610, 611, 612, 620, 621, 622, 630, 640, 650, 660, 660A, 661, 670, 670A, 671, 680, 680A, 681, 690, 691, 692, 700, 701, 702	3	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1050	1, 1A, 1B, 2, 3, 600, 601, 602, 610, 611, 612, 620, 621, 622, 630, 640, 650, 660, 660A, 661, 670, 670A, 671, 680, 680A, 681, 690, 691, 692, 700, 701, 702	3	405701756		TERMINAL, LUG #M8-14R/SX 3M CO.			

STOCKLIST CONTINUED ON SHEET D3

ED1S015-61

S H O P X X	I N S T X X	MANUFACTURING NOTES			
		***** CONTINUED *****			
		36. X.25/SS7 PADDLEBOARDS ARE TO BE INSTALLED AS FOLLOWS.			
		RELEASE R7			
		5 2ND G200	7	1 2ND G250	3 4TH G250
		4 1ST G200	6	0 1ST G250	2 3RD G250
		RELEASE R8			
		5	7	1 2ND G250	3 4TH G250
		4	6	0 1ST G250	2 3RD G250
		RELEASE R92.5			
		5 6TH G250	7	1 2ND G250	3 4TH G250
		4 5TH G250	6	0 1ST G250	2 3RD G250
X	X	37. THERE ARE TWO VERSIONS OF THE CONTROL 94950-3 RS232 INTERFACE CIRCUIT PACK. THEY VARY SLIGHTLY IN SIZE AND COMPONENTS BUT ARE ELECTRICALLY UPWARD AND DOWNWARD COMPATIBLE AND HAVE THE SAME PART NUMBER AND COMCODE.			
X		38. THESE ITEMS ARE NOT REQUIRED FOR MANUFACTURE BUT ARE TO BE STAGED BY COLUMBUS GLOBAL PROCUREMENT CENTER FOR WHOLE ORDER SHIPMENT.			
X	X	39. JUMPER CONNECTOR IS TO BE INSTALLED IN THE LOWEST POSITION OF THE RIGHTMOST METRAL CONNECTOR ON THE REAR OF THE RCU UNIT DIRECTLY ABOVE THE "+5V", "PB26" CONNECTOR.			
X		40. CONNECT THE POWER CABLE TO THE REAR OF THE HUB BEFORE MOUNTING IT ON THE SHELF. ROUTE THE POWER CABLES OF BOTH HUBS HORIZONTALLY ALONG THE TOP OF THE SHELF TO THE RIGHT SIDE OF THE CABINET. THEN TO THE REAR AND UP THE VERTICAL SPACE (BETWEEN THE REAR UPRIGHT AND THE EMC CHANNEL) TO THE MFFU.			
X		41. THIS ITEM IS TO BE PURCHASED FROM BLACK BOX CORP. BLACK BOX CORPORATION 1000 PARK DRIVE LAWRENCE, PA 15055 TELEPHONE (724) 746-5500 X6688 (JODY GASBARRINI)			
X		42. TO BE OBTAINED FROM: CARLO GAVAZZI, INC. MUPAC BUSINESS UNIT 10 MUPAC DRIVE BROCKTON, MA 02401-3355			

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BT13	
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET	
DWG SIZE C2	ISSUE 14
LUCENT TECHNOLOGIES INC	ED1S015-61
SHEET D2 OF 59	

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1165	2,601,602,611,612,690,691,692	12	407912187		ASSEMBLY,ELECTRONIC #9322013-04 CARLO GAVAZZI, INC. (9GB DISKS) POS 48-02 THRU -07, SCSI ID 1 THRU 6 48-08 THRU -13, SCSI ID 6 THRU 1			
1166	2,601,602,611,612,690,691,692	12	472336445	KS22002L53	BAR CODE LABEL CLEI = E5PQAXHAAA			
1168	3,36	14	408275097		ASSEMBLY,ELECTRONIC #9322063-01 CGI (18 GB DRIVES) GRP 3 POS 48-02 THRU -08, SCSI ID 1 THRU 6 & 9 POS 48-09 THRU -15, SCSI ID 9 & 6 THRU 1 (18 GB DRIVES) GRP 36 POS 55-02 THRU -08, SCSI ID 1 THRU 6 & 9 POS 55-09 THRU -15, SCSI ID 9 & 6 THRU 1 CLEI = E5PQA2CBAA			
1169	3,36	14	472604958	KS22002L53	BAR CODE LABEL CLEI = E5PQA2CBAA			
1170	1,1A,1B,2,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	2	407666510		PACK,CIRCUIT,SCSI SWITCH #ACI2021-A11 APCON POS 48-00, 48-15			
1171	1,1A,1B,2,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	2	472261643	KS22002L53	BAR CODE LABEL CLEI = E5PQAVJAAA			
1172	3,36	2	408275105		PACK,CIRCUIT SCSI SWITCH #ACI-2023 APCON ULTRA WIDE POS 48-02, 48-17 FOR GRP 3 POS 55-02, 55-17 FOR GRP 36 CLEI=E5PQA2DCAA			
1173	3,36	2	472604982	KS22002L53	BAR CODE LABEL CLEI = E5PQA2DCAA			
1180	1,1A,1B,2,3,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	2	407474865		ASSEMBLY,POWER SUPPLY #3501007-01 MUPAC POS. 48-01, 48-14			
1181	1,1A,1B,2,3,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	2	472163351	KS22002L53	BAR CODE LABEL FACEPLATE CLEI = E5PQARKAAA			

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

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1190	1,1A,1B,2,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	4	407213362		TERMINATOR,ACTIVE SCSI #869576-1 AMP INC. POS. 48-J10-0, 48-J12-0, 48-J10-1, 46-J12-1			
1200	1,1A,1B,2,3,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	1	407464742		CONNECTOR,DOUBLE ENDED CABLE CONNECT #ELOSMS-04 BLACK BOX 63-004-J4 TO 48-J21-0 (SCSI COMMUNICATION 0)			
1210	1,1A,1B,2,3,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	1	407699354		CABLE ASSEMBLY,MODULAR #ELOSMS-07 BLACK BOX 63-005-J5 TO 48-J21-1 (SCSI COMMUNICATION 1)			
1220	1,1A,1B,2,600,601,602,610,611,612,630,640,660,660A,661,670,670A,671,690,691,692	4	407472067		CABLE ASSEMBLY,COMPUTER #9031504-01 MUPAC (SCSI BUS) 11-P0 TO 48-00-INO, 11-P1 TO 48-15-INO, 19-P0 TO 48-00-IN1, 19-P1 TO 48-15-IN1			
1221	3,36	4	408356632		CABLE ASSEMBLY,SIGNAL #ACK-U2W-3M CBL ADAPTEC MUPAC (SCSI BUS 1 & 2) - ED GRP 3 11-P0 TO 48-00-INO, 11-P1 TO 48-15-INO 19-P0 TO 48-00-IN1, 19-P1 TO 48-15-IN1 (SCSI BUS 3 & 4) - ED GRP 36 11-P2 TO 55-00-INO, 11-P3 TO 55-15-INO 19-P2 TO 55-00-IN1, 11-P3 TO 55-15-IN1			
1225	1,1A,600,610,620,630,640,650,660,670,680	1	407606334		ASSEMBLY,SHELF #9322010-02 MUPAC 63-000 (RCU)			

STOCKLIST CONTINUED ON SHEET D5

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BT13	
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET	
DWG SIZE C2	ISSUE 14
LUCENT TECHNOLOGIES INC	ED1S015-61
SHEET D4 OF 59	

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1475	10,600,601,602,610,611,612,620,621,622,690,691,692,700,701,702	4	407747286		PACKAGE,10/100 ENEY CONTROLLER #960007200 DTI CLEI = E5PQAVTA POS. 11-P05, 11-P06, 19-P05, 19-P06 (ETHERNET, 4-PORT, PCI)			19
1476	10,600,601,602,610,611,612,620,621,622,690,691,692,700,701,702	4	472271048	KS22002L53	BAR CODE LABEL,FACEPLATE CLEI = E5PQAVTA			19
1480	11	2	407747286		PACKAGE,10/100 ENEY CONTROLLER #960007200 DTI CLEI = E5PQAVTA ETHERNET CP, 4 PORT, PCI 1ST 11-06, 11-07, 2ND 19-06, 19-07			
1481	11	2	472271048	KS22002L53	BAR CODE LABEL,FACEPLATE CLEI = E5PQAVTA			
1485	11,525	2	408222750		PACKAGE 10/100 ENET CONTROLLER #960007210 DTI ETHERNET CP, 4 PORT, PCI POS PCI SLOT 06 & SLOT 07			
1486	11,525	2	472503382		BAR CODE LABEL CLEI = E5PQA1DAAA			
1500	20,630,640,650,660,660A,661,670,670A,671,680,680A,681	2	407463645		SHELF,CONTROL 9INHT, 24INWD, 17INDP #912000050 DTI POS. 11-000, 19-000 (CC0, CC1) (P6)			19
1505	20,630,640,650,660,660A,661,670,670A,671,680,680A,681	8	408002665		WASHER,FINISHING #1001232-Y3 MUPAC			
1515	10,20,600,610,620,630,640,650,660,670,680	2	407479757		TAPE INTERNAL #C1533-00100 HEWLETT PACKARD CLEI = GCP200UE 11-000, 19-000 (8GB, SCSI DAT)			19
1516	10,20,600,610,620,630,640,650,660,670,680	2	472169523	KS22002L30	BAR CODE LABEL CLEI = GCP200EAA			
1517	10,20,600,601,602,610,611,612,620,621,622,630,640,650,660,660A,661,670,670A,671,680,680A,681,690,691,692,700,701,702	2	407824143		TAPE DRIVE, INTERNAL #C1539A-00511 HEWLETT PACKARD			19

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

ED1S015-61

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1518	10,20,600,601,602,610,611,612,620,621,622,630,640,650,660,660A,661,670,670A,671,680,680A,681,690,691,692,700,701,702	2	472297829	KS22002L53	BAR CODE LABEL CLEI = E5PQAWGA			19
1519	20,600,601,602,610,611,612,620,621,622,630,640,650,660,660A,661,670,670A,671,680,680A,681,690,691,692,700,701,702	2	408533297		DRIVE, INTERNAL #913000210 DTI TAPE DRIVE DDS2 8GB COMP / 5.25" FACE PLATE. CLEI =			
1520	10,20,600,601,602,610,611,612,620,621,622,630,640,650,660,660A,661,670,670A,671,680,680A,681,690,691,692,700,701,702	2	407517176		INTERFACE, RS-232 #94950-3 COMTROL CLEI = E51CLOOA MODEL 1 SCP & SN, POS 11-E04 & 19-E04 MODEL 2 SCP, POS. 11-E01, 19-E01			19 37
1521	10,20,600,601,602,610,611,612,620,621,622,630,640,650,660,660A,661,670,670A,671,680,680A,681,690,691,692,700,701,702	2	472173244		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE			19
1522	11,525	1	407517176		INTERFACE, RS-232 #94950-3 COMTROL CLEI = E51CLOOA POS SLOT ISA 1			

STOCKLIST CONTINUED ON SHEET D9

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BT13	
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET	
DWG SIZE C2	ISSUE 14
LUCENT TECHNOLOGIES INC	ED1S015-61
SHEET OF	D8 59

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1523	11,525	1	472173244		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE			
1526	11,525	1	407824143		TAPE,DRIVE, INTERNAL #C1539A-00511 HEWLETT PACKARD			
1527	11,525	1	472297829	KS22002L53	BAR CODE LABEL CLEI = ESPQAWGA			
1528	11,525	1	408533271		DRIVE,INTERNAL #990007210 DTI TAPE DRIVE DDS2 8GB COMP / 3.5" FACE PLATE. CLEI =			
1530	10,20	2	846978104		ASSEMBLY,BRACKET (CABLE ARM)			
1531	10,20, 600,601, 602,610, 611,612, 620,621, 622,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681,690, 691,692, 700,701, 702	2	407919430		ASSEMBLY,CABLE SUPPORT #6900272-01 MUPAC POS 11-000 & 19-000(CABLE ARM ASM)			
1532	11,525	1	408217032		ASSEMBLY,CABLE SUPPORT, ARM #6900272-03 MUPAC POS 1ST UNIT 11-00 2ND UNIT 19-00 CABLE ARM ASSEMBLY			
1535	10,20, 600,601, 602,610, 611,612, 620,621, 622,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681,690, 691,692, 700,701, 702	6	901271031		SCREW,HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2 POS 11-000 & 19-000(FOR CABLE ARM)			
1536	11,525	3	901271031		SCREW,HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2			
1540	10,20, 600,601, 602,610, 611,612, 620,621, 622,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681,690, 691,692, 700,701, 702	2	407789635		KIT,CABLE LOCK #6900221-03 MUPAC 11-000 & 19-000 (REAR, BELOW CARD PORTS)			
1545	11	1	407789635		KIT,CABLE LOCK #6900221-03 MUPAC POS 1ST UNIT, 11-00R 2ND UNIT, 19-00R BELOW CARD SLOTS			

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

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1550	15,630, 640,650, 660,660A, 670,670A, 680,680A	2	407747245		PACKAGE,IDE DISK DRIVE #913000478 DTI 2.5GB RELEASE R8			19
1560	16	2	407745801		PACKAGE,IDE DISK DRIVE #913000434 DTI 2.5GB RELEASE R7			19
1570	17,600, 601,610, 611,620, 621,690, 700	2	407804228		PACKAGE #990004292 DTI IDE DISK DRIVE 6GB RELEASE R8 W SMP			19
1572	18,602, 612,622, 661,671, 681,691, 692,701, 702	2	408091833		ASSEMBLY,ELECTRONIC #913000462 DTI IDE DISK DRIVE SHUTTLE 6GB RELEASE R9			
1574	28	2	408486801		DRIVE, DISK,HARD INTERNAL #913307540 DTI IDE DRIVE SHUTTLE 6 GB RELEASE R04			
1575	505	2	408091874		DRIVE, DISK,HARD INTERNAL #913000446 DTI IDE DISK DRIVE(NO SHUTTLE) 6GB RELEASE R9 (FOR RETROFIT USE)			
1580	19	2	408198018		DRIVE, DISK,HARD INTERNAL #990004325 DTI POS 1ST UNIT, 11-002 & 11-008, CC0 2ND UNIT, 19-002 & 19-008, CC1 SCSI BOOT DISK AND RETROFIT DISK WITH R9 SOFTWARE			
1582	21	2	408486793		DRIVE, DISK,HARD INTERNAL #913319540 DTI POS 1ST UNIT, 11-002 & 11-008, CC0 2ND UNIT, 19-002 & 19-008, CC1 SCSI BOOT DISK AND RETROFIT DISK WITH R04 SOFTWARE			
1600	5,600, 601,602, 610,611, 612,630, 640,660, 660A,661, 670,670A, 671,690, 691,692	2	407509959		ENCLOSURE,PANEL COVER #690GZ004-01-31 MUPAC 55-000			

STOCKLIST CONTINUED ON SHEET D10

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BT13

ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

DWG SIZE
C2

ISSUE
14

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1610	5,600, 601,602, 610,611, 612,630, 640,660, 660A,661, 670,670A, 671,690, 691,692	2	407509983		ENCLOSURE, PANEL COVER #690GZ003-01-31 MUPAC 55-000			
1620	5,600, 601,602, 610,611, 612,630, 640,660, 660A,661, 670,670A, 671,690, 691,692	16	901271031		SCREW, HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2 POS 55-000 (FOR PLENUM PANELS)			
1700	22,500, 600,601, 602,610, 611,612, 630,640, 660,660A, 661,670, 670A,671, 690,691, 692	4	407538222		PACK, CIRCUIT, SCSI ADAPTER #PM2124 DPT CLEI = E5PQASFA 1ST - POS. 11-P0, 11-P1, 19-P0, 19-P1 2ND - POS. 11-P2, 11-P3, 19-P2, 19-P3			19
1701	22,500, 600,601, 602,610, 611,612, 630,640, 660,660A, 661,670, 670A,671, 690,691, 692	4	472182278		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE			19
1705	22,500, 600,601, 602,610, 611,612, 630,640, 660,660A, 661,670, 670A,671, 690,691, 692	4	407789601		BRACKET, CORD RTNR, SCSI BUS #690UZ046-01-50 MUPAC REAR POS 11-P0, 11-P1, 19-P0, 19-P1 G500, REAR POS 11-P2, 11-P3, 19-P2, & 19-P3			
1706	27	2	408275113		PACK, CIRCUIT WIDE SCSI ADAPTER #PM2144UW DPT CLEI = E5PQA2EDAA BAR CODE LABEL 1ST - POS 11-P0, 11-P1, 19-P0, 19-P1 1ST - POS 11-P2, 11-P3, 19-P2, 19-P3			19
1707	27	2	472604990	KS22002L53	BAR CODE LABEL CLEI = E5PQA2EDAA			
1708	27	2	408275493		BRACKET, CORD RETAINER #690UZ072-01-00 CGI REAR POS 11-P2, 11-P3, 19-P2 & 19-P3			

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

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1710	22,500, 600,601, 602,610, 611,612, 630,640, 660,660A, 661,670, 670A,671, 690,691, 692	4	407213362		TERMINATOR, ACTIVE SCSI #869576-1 AMP INC. 1ST - 11-P0-CONN P10, 19-P0-CONN P10 11-SCSI-DAT, 19-SCSI-DAT 2ND - 11-P2-CONN P10, 19-P2-CONN P10 11-P3-CONN P10, 19-P3-CONN P10			
1720	26	2	407538222		PACK, CIRCUIT, SCSI ADAPTER #PM2124 DPT CLEI = E5PQASFA FOR MODEL M2+ 1ST POS 11-08, 11-09 OR 19-08, 19-09 2ND POS 11-10, 11-11 OR 19-10, 19-11			19
1721	26	2	472182278		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE			19
1725	26	2	407213362		TERMINATOR, ACTIVE SCSI #869576-1 AMP INC. 1ST POS 11-08, 11-09 OR 19-08, 19-09 2ND POS 11-10, 11-11 OR 19-10, 19-11			19
1728	26	2	408218246		BRACKET, CABLE CLAMP #690UZ071-02-50 1ST POS 11-08, 11-09 OR 19-08, 19-09 2ND POS 11-10, 11-11 OR 19-10, 19-11 CLAMPS FOR SCSI-2 CABLES, 50 PIN			
1730	23,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681	2	407470558		PACK, CIRCUIT, ETHERNET CONTROLLER #NETFLEX-II COMPAQ CLEI = E5PQARFA MODEL 1 SCP 11-E02, 19-E02 (10MB) SN 11-E01, 19-E01 (10MB)			19
1731	23,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681	2	472163310	KS22002L53	BAR CODE LABEL FACEPLATE CLEI = E5PQARFAAA			19
1750	25,505, 505A,660, 660A,661, 670,670A, 671,680, 680A,681	4	407694579		PACK, CIRCUIT ETHERNET #EILA-8265-F INTEL ETHERNET			
1755	25,505, 505A,660, 660A,661, 670,670A, 671,680, 680A,681	4	472248848	KS22002L53	BAR CODE LABEL, FACEPLATE CLEI = GCPQANPJAA			19

STOCKLIST CONTINUED ON SHEET D11

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1800	30,35,510,511	1	407455500		RACK,MEDIA #9322009-01 MUPAC POS. 55-000 (MU1)				
1810	30,35,36,510,511	1	847640224		KIT,FINAL ASSEMBLY				
1820	30,35,36,510,511	1	847635430		KIT,UNIT GUIDE				
1830	30,35,510,511	2	407666510		PACK,CIRCUIT,SCSI SWITCH #ACI2021-A11 APCON POS 55-00, 55-15				
1831	30,35,510,511	2	472261643	KS22002L53	BAR CODE LABEL CLEI = E5PQAVJAAA				
1840	30,35,36,510,511	2	407474865		ASSEMBLY,POWER SUPPLY #3501007-01 MUPAC POS. 55-01, 55-14				
1841	30,35,36,510,511	2	472163351	KS22002L53	BAR CODE LABEL FACEPLATE CLEI = E5PQARKAAA				
1850	30,35,510,511	4	407213362		TERMINATOR,ACTIVE SCSI #869576-1 AMP INC. POS. 55-J10-0, 55-J10-1, 55-J12-0, 55-J12-1				
1860	30,35,36,510,511	1	407464742		CONNECTOR,DOUBLE ENDED CABLE CONNECT #ELOSMS-04 BLACK BOX 63-004-J7 TO 55-J21-0 (SCSI COMMUNICATION 2)				
1870	30,35,36,510,511	1	407699354		CABLE ASSEMBLY,MODULAR #ELOSMS-07 BLACK BOX 63-004-J8 TO 55-J21-1 (SCSI COMMUNICATION 3)				
1880	30,35,36,510,511	2	107811846	BMR4	PACK,CIRCUIT,15 AMP DC POWER DOG BOARD CLEI = E5PQATFA POS. 63-007, 63-009				
1890	30,35,510,511	2	407566389		CABLE ASSEMBLY,SIGNAL #86000-001 (SENSE)				
1900	30,510	12	407670850		ASSEMBLY,DISK DRIVE MAGNETIC #9322013-03 MUPAC POS. 55-02 THRU 07 (ID1 - ID6, SCSI 2) 55-08 THRU 13 (ID6 - ID1, SCSI 3)				
1901	30	12	472244516	KS22002L53	BAR CODE LABEL,FACEPLATE CLEI = E5PQARKAAA				
1902	30,510	12	472253731	KS22002L53	BAR CODE LABEL CLEI = E5PQAUNAAA				
1910	30,35,510,511	4	407472067		CABLE ASSEMBLY,COMPUTER #9031504-01 MUPAC (SCSI BUS 2 & 3) 11-P2 TO 55-00-INO, 11-P3 TO 55-15-INO, 19-P2 TO 55-00-IN1, 19-P3 TO 55-15-IN1				
1940	30,35,36,510,511	2	407634989		COUPLER,ASSEMBLY #9060690-01 MUPAC POS. 55-J18-0, 55-J18-1				
1950	35,511	12	407912187		ASSEMBLY,ELECTRONIC #9322013-04 CARLO GAVAZZI, INC.				
1951	35,36,511	12 14 12	472336445	KS22002L53	BAR CODE LABEL CLEI = E5PQAXHAAA				
2000	40	1	847337573		KIT,JUNCTION NON-UNITIZED (EMC)				13 14 38

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

ED1S015-61

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
2010	40	1	847272861		KIT,INDICATOR (FAN/FUSE, EMC)				38
2020	40	1	847306636		KIT,INDICATOR (BLANK, EMC)				38
2030	40	1	847443314		KIT,CABINET DOOR ASSY (EMC)				38
2035	40	1	846994358		PANEL,MOUNTING				38
2040	40	2	814840062	P-48D006	SCREW,PAN HEAD .138-20 X 1/4 SELF TAPPING				38
2050	40	4	108165382	ED5A079-30	CABLE ASSEMBLY,POWER G40 100 FEET, A BUS - RED				38
2055	40	4	108165408	ED5A079-30	CABLE ASSEMBLY,POWER G42 100 FEET, B BUS - BLUE				38
2060	40	16	407132257		FUSE,ALARM/INDICATING-PIN/BEAD #WP92955L8				38
2070	40	8	107424897	1187E	FILTER,EMI POWER LINE				38
2072	40	8	901252304		SCREW,SPL PHLS RECESSED PAN HEAD M4-8 STEEL, ZINC OLIVE DRAB CHROMATE FINISH QUALITY SCREW & NUT CO.				38
2075	40	1	ED4C686-70,G18A		KIT, GROUNDING HARDWARE SLAB FLOOR				38
2076	40	1	ED4C686-70,G23		KIT, GROUNDING HARDWARE RAISED FLOOR				38
2080	40	1	ED5D511-31,G1		MATERIAL, ANCHOR				38
2081	40	2	ED5D511-31,G12		MATERIAL, ANCHOR				
2085	40	1	ED4A306-70,G24		DETAILS, FRAMEWORK ANCHORING				38
2090	50	1	ED4A306-70,G25		DETAILS, FRAMEWORK ANCHORING				38
2095	51	1	ED5D511-31,G11		MATERIAL, ANCHOR				38
2096	51	1	ED5D511-31,G15		MATERIAL, ANCHOR				
2100	60,600,601,602,610,611,612,620,621,622,690,691,692,700,701,702	2	407747237		PACKAGE,CPU BOARD SET,LBE7540 #913007540 DTI CLEI = E5PQAVUA POS. 11-CPU, 19-CPU (4-WAY SMP)				19
2101	60,600,601,602,610,611,612,620,621,622,690,691,692,700,701,702	2	472271097	KS22002L53	BAR CODE LABEL,FACEPLATE CLEI = E5PQAVUA				19

STOCKLIST CONTINUED ON SHEET D12

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2110	60,600, 601,602, 610,611, 612,620, 621,622, 690,691, 692,700, 701,702	1	407831551		JUMPER #62900-01 BERG ELECTRONICS			20 39
					POS 63-00-BOTTOM RECEPTACLE			
2120	61	1	408203685		PACK, CIRCUIT PROCESSOR, XBC9544 #912449544 DTI PENTIUM 3, QUAD SMP, 500MHZ, CPU POS 1ST UNIT, 11-80 2ND UNIT, 19-80			
2121	61A	1	408534063		PACK, CIRCUIT QUAD CPU #912449544-R13 DTI QUAD CPU			
2122	61	1	472503440	KS22002L53	BAR CODE LABEL CLEI = GCP7DEOBAA			
2123	61A	1	472787639	KS22002L51	BARCODE LABEL . CLEI = GCP7DEGNA			
2200	70,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681	2	407652627		PACK, CIRCUIT Z #LBE-7510-200MH DTI Z			19
2201	70,630, 640,650, 660,660A, 661,670, 670A,671, 680,680A, 681	2	472235589	KS22002L53	BAR CODE LABEL CLEI = GCPQAWNJAA			19
2250	80	1	406217158		PRINTER, DOT MATRIX PS-(120V, 60M) #577-17IN 540 C NCR-WICHITA			38
2260	85	1	406593152		PRINTER, DOT MATRIX S-(220V, 50HC) #577-17IN-540CP NCR-WICHITA			38
2265	80,85	1	847962925		CABLE ASSEMBLY, INTERCONNECTING RCU/ROP G44 (50 FEET)			38
2300	90	1	407732700		CABLE ASSEMBLY, SIGNAL #EYN450X BLACK BOX (V.35 PADDLEBOARD TO MODEM), (20 FEET) (EMC COMPLIANT)			38
2305	91	1	407798461		CABLE ASSEMBLY, SIGNAL #CBRS4910S BLACK BOX (V.35 PADDLEBOARD TO MODEM), (50 FEET) (EMC COMPLIANT)			38
2500	100	2	407633908		KIT, MONITOR SET #3530-4014-7182 SUN RIVER NOW BOUNDLESS TECHNOLOGIES (CONSOLE 0 & 1), (LMT, EAI)			38
2501	100A	1	408188290		PACKAGE, TERMINAL BASE I #LUIA-A16A-0A00 BOUNDLESS TECHNOLOGIES (LMT/EAI TERMINAL)			38
2510	100	2	407450261		DISPLAY, VIDEO #3415-3501-8090 AT&T GIS			38

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

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2511	100	2	407168293		MONITOR, COLOR VIDEO #3415-3501-8090 SAMSUNG ELECTRIC CORP			38
2512	100A	1	408368272		KIT, TERMINAL, VIDEO DISPLAY 1 #LUIA-B16A-0A00 SCOTTSDALE COMM LMT/EAI TERMINAL WITH MONTOR			38
2515	100A	1	407168293		MONITOR, COLOR VIDEO #3415-3501-8090 SAMSUNG ELECTRIC CORP (LMT/EAI VIDEO DISPLAY UNIT)			38
2520	100A	1	407708874		TERMINAL, ASYNCHRONOUS #2904-7110-7100 BOUNDLESS TECHNOLOGIES (MONOCHROME TERMINAL/DISPLAY FOR THE CONSOLES ONLY-CNSLO & CNSL1)			38
2525	100,100A	2	847962933		CABLE ASSEMBLY, INTERCONNECTING CC/SPLT G31 (CC0 TO SPLITTER A), (CC1 TO SPLITTER B) (7 FEET)			38
2530	100,100A	1	847963030		CABLE ASSEMBLY, INTERCONNECTING (RCU TO LMT) (50 FEET)			38
2535	100,100A	1	847962958		CABLE ASSEMBLY, INTERCONNECTING RCU/EAI-TERM G47 (RCU TO EAI) (50 FEET)			38
2540	100	2	847962941		CABLE ASSEMBLY, INTERCONNECTING SPLT/CNSL G37 TERMINAL TO SPLITTER A OR B (33 FEET)			38
2541	100A	1	848413332		CABLE ASSEMBLY, INTERCONNECTING CNSLO(MAIN PORT) TO SPLITTER A, PORT 3			38
2543	100A	1	848413340		CABLE ASSEMBLY, INTERCONNECTING CNSL1(AUX PORT) TO SPLITTER B, PORT 3			38
2545	100,100A	2	847962974		CABLE ASSEMBLY, INTERCONNECTING SPLT/MOD G35 SPLITTER A OR B TO MODEMS (43 FEET) (CNSLO OR CNSL1)			38
2550	100,100A	2	403644867	MS-3	SPLITTER, MODEM 3 PORT BLACK BOX (SPLITTER A & B)			38
2560	100	1	J1P158C-2, L1, L5		UNIT, ALARM RELAY			38
2561	100,100A	1	408061125		KIT, POWER/ALARM #6900289-01 MUPAC KIT INCLUDES ARU, POWER SUPPLY WITH CONNECTOR INSTALLED AND VELCRO STRIPS MOUNTS IN POS 24-190 FRONT			38
2565	100,100A	1	847962917		CABLE ASSEMBLY, INTERCONNECTING RCU/ARU G42 (10 FEET)			38
2570	100,100A	1	847797560		KIT, FINAL ASSEMBLY			38
2580	101	1	847962875		CABLE ASSEMBLY, INTERCONNECTING ARU/DF-SD G40 SIGNAL DISTRIBUTOR (450 FT)			38
2582	102	1	848148045		CABLE ASSEMBLY, INTERCONNECTING ARU/DF-SD G40 SIGNAL DISTRIBUTOR (200 FT)			38

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ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2590	101	1	847962883		CABLE ASSEMBLY, INTERCONNECTING ARU/DF-SD G41 SCAN POINT (450 FT)			38
2592	102	1	848148060		CABLE ASSEMBLY, INTERCONNECTING ARU/DF-SD G41 SCAN POINT (200 FT)			38
2595	100,105	1	847962966		CABLE ASSEMBLY, INTERCONNECTING RCU/EAI-MOD G62 (RCU TO MODEM) (50 FEET) (EAI)			38
2625	110	1	847962982		CABLE ASSEMBLY, INTERCONNECTING RCU/MOD G60A (RCU TO MODEM) (50 FEET) (SCC, SCCI, RMT OR CUST. ASSGN.)			38
2630	115,115A	1	408042299		CABLE ASSEMBLY, INTERCONNECTING #CBCY82227 BLACK BOX SCP/SN RCU TO LMT, 150FT POS ACSC-063-006-OUT1 TO LMT TERMINAL			41
2632	115,115A	1	408044014		CABLE ASSEMBLY, INTERCONNECTING #CBPS82237 BLACK BOX SCP/SN RCU TO EAI, 150FT. POS ACSC-063-002-EAI1 TO EAI TERMINAL			41
2634	115	2	408043990		CABLE ASSEMBLY, INTERCONNECTING #CBPS82229 BLACK BOX SCP/SN CONSOLE, SPLITTER TO TERMINAL POS ACSC-SPL A/B-P3 TO CONS TERMINAL 150 FT.			41
2636	115,115A	1	408043974		CABLE ASSEMBLY, INTERCONNECTING #CBPS82234 BLACK BOX SCP/SN RCU TO PRINTER, 150 FT. POS ACSC-063-006-OUT3 TO ROP			41
2637	115A	1	408218824		CABLE ASSEMBLY, 150 FT, INTERCONNECTING #CBPS108940 BLACK BOX POS ACSC-SPLTA-P3 TO CONSOLE MAIN PORT 150FT.			
2638	115A	1	408218840		CABLE ASSEMBLY, 150 FT, INTERCONNECTING #CBPS108941 BLACK BOX POS ACSC-SPLTB-P3 TO CONSOLE AUX PORT 150FT.			
2640	120,120A	1	408044006		CABLE ASSEMBLY, INTERCONNECTING #CBCY82228 BLACK BOX SCP/SN RCU TO LMT, 250FT. POS ACSC-063-006-OUT1 TO LMT TERMINAL			41
2642	120,120A	1	408043958		CABLE ASSEMBLY, INTERCONNECTING #CBPS82238 BLACK BOX SCP/SN RCU TO EAI, 250FT. POS ACSC-063-002-EAI1 TO EAI TERMINAL			41
2644	120	2	408043982		CABLE ASSEMBLY, INTERCONNECTING #CBPS82233 BLACK BOX SCP/SN CONSOLE, SPLITTER TO TERMINAL, POS ACSC-SPL A/B-P3 TO CONS TERMINAL 250 FT.			41
2646	120,120A	1	408043966		CABLE ASSEMBLY, INTERCONNECTING #CBPS82235 BLACK BOX SCP/SN RCU TO PRINTER, 250 FT. POS ACSC-063-006-OUT3 TO ROP			41
2647	120A	1	408218816		CABLE ASSEMBLY, 250 FT, INTERCONNECTING #CBPS108940 BLACK BOX POS ACSC-SPLTA-P3 TO CONSOLE MAIN PORT 250FT.			
2648	120A	1	408218832		CABLE ASSEMBLY, 250 FT, INTERCONNECTING #CBPS108941 BLACK BOX POS ACSC-SPLTB-P3 TO CONSOLE AUX PORT 250FT.			

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

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
2650	150	1	407633908		KIT, MONITOR SET #3530-4014-7182 SUN RIVER			38
2651	150	1	408188290		PACKAGE, TERMINAL BASE 1 #L11A-A16A-0A00 BOUNDLESS TECHNOLOGIES			38
2660	150	1	407450261		DISPLAY, VIDEO #3415-3401-8090 ATEF GIS			38
2661	150	1	407168293		MONITOR, COLOR VIDEO #3415-3501-8090 SAMSUNG ELECTRIC CORP			38
2680	150	1	847963030		CABLE ASSEMBLY, INTERCONNECTING (50 FEET)			38
3300	200,250, 251,300, 520,530, 560,561	1	107869778	BMR3	PACK, CIRCUIT, PORT SWITCH BOARD CLEI = E5PQATWAAA G200 1ST 63-24, 2ND 63-26 G250 1ST 63-08, 2ND 63-12, 3RD 63-16, 4TH 63-20, 5TH 63-24, 6TH 63-26 G300 1ST 63-22, 2ND 63-28			
3305	200,250, 300,520, 530,560	1	107709214	BMS1	MODULE, CIRCUIT, MEZZANINE MODULE G200 1ST 63-24, 2ND 63-26 G250 1ST 63-08, 2ND 63-12, 3RD 63-16, 4TH 63-20 G300 1ST 63-22, 2ND 63-28			
3306	200,250, 251,300, 520,530, 560,561	1	107869398	BMS1	MODULE, CIRCUIT MEAZANINE MODULE CLEI = E5PQAR0A G200, 1ST 63-24, 2ND 63-26 G250, 1ST 63-08, 2ND 63-12, 3RD 63-16, 4TH 63-20, 5TH 63-24, 6TH 63-26. G300, 1ST 63-22, 2ND 63-28.			
3310	200,250, 251,520, 560,561	1	107709248	BMP2	PACK, CIRCUIT, V.35 PSDDLEBOARD CLEI = E5ICKGOAAA G200 1ST 29-04, 2ND 33-05 G250 1ST 29-00, 2ND 33-01, 3RD 29-02, 4TH 33-03, 5TH 29-04, 6TH 33-05.			36
3315	300,530, 650	1	107709230	BMP1	PACK, CIRCUIT, RS232 PADDLEBOARD CLEI = E5PQAR2AAA POS. 1ST 63-22R, 2ND 63-28R			
3320	250,560	2	407470418		PACK, CIRCUIT, V.35/X.25 INTERFACE, DUAL #87-2041-12N ADAX CLEI = E5PQASHA SCP R7, 1ST 11-E5, 19-E5, 2ND 11-E6, SN R7 & 19-E6, 3RD 11-E7, 19-E7, 4TH R8 11-E8, 19-E8 SCP MODEL 2 1ST 11-E2, 19-E2, 2ND 11-E3, 19-E3, 3RD 11-E4, 19-E4, 4TH 11-E5, 19-E5, 5TH 11-E6, 19-E6 6TH 11-E7, 19-E7.			

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
3321	250,560	2	472182294		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE				
3325	200,520	2	407915503		PACK,CIRCUIT L 20> V.35/SS7 INTERFACE, DUAL PORTS #87-2043-34N MR ADAX 1ST 11-09, 19-09, 2ND 11-10, 19-10				
3326	200,520	2	472336239	KS22002L53	BAR CODE LABEL CLEI = E5PQAXJAAA				
3330	200,250, 520,560	2	407593474		CABLE ASSEMBLY,SIGNAL #92592-001 (V.35 INTERFACE) (METRAL)				Z8
3335	200,250, 251,520, 560,561	1	407593474		CABLE ASSEMBLY,SIGNAL #92592-001				
3340	200,250, 251,520, 560,561	2	407575703		ASSEMBLY,WIRING #60056 ADAX ("Y" INTERFACE)				
3350	200,250, 251,520, 560,561	2	407789593		BRACKET,CORD RTNR, SCSI BUS #690UZ052-01-50 MUPAC				
3355	251,561	2	408217016		PACK,CIRCUIT X.25 INTERFACE-PCI #87-8040-37N ADAX (PX25) 1ST 11-00, 11-01 OR 19-00, 19-01 2ND 11-02, 11-03 OR 19-02, 19-03 3RD 11-04, 11-05 OR 19-04, 19-05				
4060	300,530	8	407674928		CABLE ASSEMBLY,SIGNAL #EL08MS-MM 5 FT BLACK BOX (RS232 INTERFACE) (PORT SWITCH TO ROCKETPORT)				
4065	200,250, 251,300, 520,530, 560,561	1	407472182		CABLE ASSEMBLY,JUMPER #9031503-01 MUPAC (AUX MULT)				
4070	300,530	8	407699362		ADAPTER,MALE TO FEMALE #351-1 INMAC 1ST GROUP 24-10-00 THRU 24-10-03 & 24-11-00 THRU 24-11-03 2ND GROUP 24-10-04 THRU 24-10-07 & 24-11-04 THRU 24-11-07				
4500	350,540	2	407731827		MODULE,CENTRAL PROCESSING UNIT #410004049 DTI POS. 11-CPU, 19-CPU (128MB DRAM SIMM)				19
4510	351,550	2	407604222		MODULE,CPU, PLUG IN #410004048 DTI POS. 11-CPU, 19-CPU (64MB DRAM SIMM)				19
4520	352	4	408176857		MODULE, CIRCUIT, MEMORY #410004379 DTI 256MB DIMM MODULE POS 11-00 & 19-00 MEMORY BOARD				
4550	360,580, 690,691, 692,700, 701,702	2	407538222		PACK,CIRCUIT,SCSI ADAPTER #PM2124 DPT CLEI = E5PQASFA POS. 11-P4, 19-P4				
4551	360,580, 690,691, 692,700, 701,702	2	472182278		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE				

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STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
4560	360,580, 690,691, 692,700, 701,702	2	407213362		TERMINATOR,ACTIVE SCSI #869576-1 AMP INC. POS. 11-P4-CONN P10, 19-P4-CONN P10				
4565	360,580, 690,691, 692,700, 701,702	2	407789601		BRACKET,CORD RTNR, SCSI BUS #690UZ046-01-50 MUPAC POS. 11-P4, 19-P4 REAR				*
4600	370,505A, 590,601, 602,611, 612,621, 622	2	407981315		HUB,DUAL LOCKING STACKABLE #DS889-B/48V TCP/IP INTERFACE FOR SMS POS 30 FRONT, LEFT & RIGHT				40
4610	370,505A, 590,601, 602,611, 612,621, 622	1	408004471		BRACKET,MOUNTING #692KZ027-01-31 TCP/IP HUB MOUNTING SHELF POS 34 FRONT				
4620	370,505A, 590,601, 602,611, 612,621, 622	2	901271031		SCREW,HEXAGONAL WASHER #M6X16 PHILLIPS ACR 2				
4630	370,505A, 590,601, 602,611, 612,621, 622	2	408017796		BRACKET,MOUNTING, RIGHT #692KZ029-01-31 MUPAC HUB MOUNTING BRACKET-RIGHT SIDE				
4640	370,505A, 590,601, 602,611, 612,621, 622	2	408017804		BRACKET,MOUNTING, LEFT #692KZ029-02-31 MUPAC HUB MOUNTING BRACKET-LEFT SIDE				
4650	370,601, 602,611, 612,621, 622	2	845143577		SCREW,PHILLIPS PAN HEAD 6-32X3/8 UNC-2A SHELF TO V.35 BRACKET				
4660	370,505A, 590,601, 602,611, 612,621, 622	4	845143452		SCREW,PHILLIPS PAN HEAD MACHINE .112-40 X 1/4 UNC-2A STEEL ZINC 289A FINISH MOUNT SIDE BRACKETS TO HUBS				
4670	370,505A, 590,601, 602,611, 612,621, 622	4	407787126		CABLE,DATA ASSEMBLY #EYN737MS-0010 BLACK BOX				
4680	370,505A, 590,601, 602,611, 612,621, 622	1	408020956		ASSEMBLY,WIRING #9031545-06 MUPAC POWER CABLE HUB1 POS 68-127B TO 34-HUB1				

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ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
4685	370,505A,590,601,602,611,612,621,622	1	408020964		ASSEMBLY,WIRING #9031545-05 MUPAC POWER CABLE HUBO POS 68-023B TO 34-HUBO			
4690	370,505A,590,601,602,611,612,621,622	2	408020931		SUPPORT,CABLE #1000315-04 MUPAC TOWEL BARS FOR HUB SHELF POS 30			
4700	370,505A,590,601,602,611,612,621,622	4	845143676		SCREW,PAN HEAD MACHINE .164-32 X 3/8 HUB SHELF TOWEL BARS POS 30			
4710	370,505A,590,601,602,611,612,621,622	4	406747519	WP92458L2	FUSE,1.25 A 250 V TCP/IP HUB FUSES POS 68-023-B, 68-127-B, AND 2 SPARES			
4800	545	1	408539674		MEMORY,SYNCH DYNAMIC RANDOM ACCESS MEMORY SYSTEM MEMORY BOARD 8GBED1 S015-61 #913000540 DTI MEM BD E/W 8GB CLEI = E5CPGJOBAA			
4810	545	1	472834191	KS22002L51	BARCODE LABEL CLEI = E5CPGJOBAA BARCODE LABEL			
5000	AA,AC	2	407463702		FILTER,AIR CARTRIDGE #020002245 DTI .375 X .375 X .25 POWER SUPPLY			38
5010	AA,AC,AD	2	407888023		FILTER,MECHANICAL, AIR #20002244 DTI 16.375 X 6.25 X .25 FRONT			38
5020	AA,AC,AD	1	407277193		FILTER,AIR MECHANICAL #UAF252A1 UNIVERSAL AIR FILTER CO. 13.87 X 24.43 X .43 COOLING UNIT			38
5030	AC	4	407888031		FILTER,MECHANICAL, AIR #20002040 DTI 4.92 X 4.92 X .125 TOP			
5040	AD	2	408281590		FILTER #DTI #020002564 DTI			
6000	620,621,622,650,680,680A,681,700,701,702	8	407538222		PACK,CIRCUIT,SCSI ADAPTER #PM2124 DPT CLEI = E5PQASFA POS. 11-P0, P1, P2, P3 POS. 19-P0, P1, P2, P3			
6005	620,621,622,650,680,680A,681,700,701,702	8	472182278		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE			

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STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
6010	620,621,622,650,680,680A,681,700,701,702	8	407213362		TERMINATOR,ACTIVE SCSI #869576-1 AMP INC. POS. 11-P0-CONN P10, 19-P0-CONN P10 11-SCSI DAT, 19-SCSI DAT 11-P2-CONN P10, 19-P2-CONN P10 11-P3-CONN P10, 19-P3-CONN P10			
6015	620,621,622,650,680,680A,681,700,701,702	8	407789601		BRACKET,CORD RTNR, SCSI BUS #690UO46-01-50 MUPAC POS 11-P00, -P01, -P02, -P03 19-P00, -P01, -P02, -P03			
6050	600	6	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-18F.			
6055	601,602,610,611,612,630,660,660A,661,690,691	8	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA G601-612 POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, & 63-20F. G630,660-661 POS 63-06F, 63-08F, 63-10F 63-12F 63-14F, 63-18F, 63-24F, & 63-26F. G690-691 63-06F, 63-08F, 63-10F, 63-12F 63-14F, 63-16F, 63-18F, 63-20F			
6060	620,621,622,692,700,701	10	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, 63-20F, 63-22F, 63-28F. FOR G692 POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 65-18F, 63-20F, 63-24F, 63-26F.			
6065	640,702	12	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, 63-20F, 63-24F, 63-26F, 63-27F, 63-29F. FOR G702, POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, 63-20F, 63-22F, 63-24F, 63-26F, 63-28F.			
6070	650	13	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, 63-20F, 63-22F, 63-24F, 63-26F, 63-27F, 63-29F			
6075	670,670A,671,680,680A,681	11	107869778	BMR3	PACK,CIRCUIT,PORT SWITCH BOARD CLEI = E5PQATWAAA POS 63-06F, 63-08F, 63-10F, 63-12F, 63-14F, 63-16F, 63-18F, 63-20F, 63-22F, 63-24F, 63-26F.			

STOCKLIST CONTINUED ON SHEET D16

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BT13	
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET	
DWG SIZE C2	ISSUE 14
LUCENT TECHNOLOGIES INC	ED1S015-61
SHEET D15 OF 59	

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
6080	600	6	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6085	610,630,660	8	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6086	601,602,611,612,660A,661,690,691	8	107869398	BMS1	MODULE, CIRCUIT MEAAZNINE MODULE CLEI = E5PQAROA			
6090	620	10	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6091	621,622,692,700,701	10	107869398	BMS1	MODULE, CIRCUIT MEAAZNINE MODULE CLEI = E5PQAROA			
6095	640,702	12	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6100	650	13	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6105	670,680	11	107709214	BMS1	MODULE, CIRCUIT,MEZZANINE MODULE			
6106	670A,671,680A,681	11	107869398	BMS1	MODULE, CIRCUIT MEAAZNINE MODULE CLEI = E5PQAROA			
6110	600	2	107709248	BMP2	PACK,CIRCUIT,V.35 PSDDLEBOARD CLEI = E5ICKG0AAA POS 24-00, 33-01.			
6115	601,602,610,611,612,620,621,622,630,660,660A,661,690,691,700,701	4	107709248	BMP2	PACK,CIRCUIT,V.35 PSDDLEBOARD CLEI = E5ICKG0AAA G601 THRU G622 AND G690 THRU G701 POS 24-00, 33-01, 24-02, & 33-03. G630 THRU G661 POS 24-00, 33-01, 24-04, & 33-05			
6120	640,650	8	107709248	BMP2	PACK,CIRCUIT,V.35 PSDDLEBOARD CLEI = E5ICKG0AAA POS 24-00, 33-01, 24-02, 33-03, 24-04, 33-05, 24-06, 33-07.			
6125	670,670A,671,680,680A,681,692,702	6	107709248	BMP2	PACK,CIRCUIT,V.35 PSDDLEBOARD CLEI = E5ICKG0AAA POS 24-00, 33-01, 24-02, 33-03, 24-04, 33-05.			
6130	620,621,622,700,701,702	6	107709230	BMP1	PACK,CIRCUIT,RS232 PADDLEBOARD CLEI = E5PQAR2AAA POS 63-06R, 63-10R, 63-14R, 63-18R, 63-22R, 63-28R.			
6135	650,670,670A,671,680,680A,681	5	107709230	BMP1	PACK,CIRCUIT,RS232 PADDLEBOARD CLEI = E5PQAR2AAA POS 63-06R, 63-10R, 63-14R, 63-18R, 63-22R.			
6140	600,630,660,660A,661	4	407470418		PACK,CIRCUIT,V.35/X.25 INTERFACE, DUAL #87-2041-12N ADAX CLEI = E5PQASHA POS 11-E05, 11-E06, 19-E05, 19-E06.			

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

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
6145	601,602,610,611,612,620,621,622,640,650,670,670A,671,680,680A,681,690,691,700,701	8	407470418		PACK,CIRCUIT,V.35/X.25 INTERFACE, DUAL #87-2041-12N ADAX CLEI = E5PQASHA MOD1 POS 11-E05, -E06, -E07, -E08, 19-E05, -E06, -E07, -E08. MOD2 POS 11-E02, -E03, -E04, -E05 19-E02, -E03, -E04, -E05				
6150	600,630,660,660A,661	4	472182294		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE				
6155	601,602,610,611,612,620,621,622,640,650,670,670A,671,680,680A,681,690,691,700,701	8	472182294		BAR CODE LABEL FACEPLATE #KS22002L53				
6160	692,702	6	407470418		PACK,CIRCUIT,V.35/X.25 INTERFACE, DUAL #87-2041-12N ADAX CLEI = E5PQASHA POS 11-E01, -E02, -E03, -E04, E05, E06 19-E01, -E02, -E03, -E04, E05, E06				
6165	692,702	6	472182294		BAR CODE LABEL FACEPLATE #KS22002L53 FACEPLATE				
6170	620,621,622,650,671,680,680A,681,700,701,702	4	407521624		CORD ASSEMBLY #23700A78 CONTROL RS232 CONTROLLER TO DIST PANEL 11-E4-P0 TO 24-00-HOST 20-E4-P0 TO 24-01-HOST 11-E4-P1 TO 24-10-HOST 20-E4-P1 TO 24-11-HOST				
6180	620,621,622,650,671,680,680A,681,700,701,702	4	407517184		INTERFACE,RS-232 #94100-2 COMTROL ROCKET PORT DISTRIBUTION PANEL POS. 24-00, 24-01, 24-10, & 24-11				
6185	620,621,622,650,671,680,680A,681,700,701,702	16	845143577		SCREW,PHILLIPS PAN HEAD 6-32X3/8 UNC-2A ROCKET PORT DP MTG SCREWS				

STOCKLIST CONTINUED ON SHEET D17

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
6190	620,621,622,700,701,702	48	407699362		ADAPTER,MALE TO FEMALE #351-1 INMAC POS. 24-00-00 THRU 24-00-15 POS. 24-01-00 THRU 24-01-15 POS. 24-10-00 THRU 24-10-07 POS. 24-11-00 THRU 24-11-07			
6200	650,671,680,680A,681	40	407699362		ADAPTER,MALE TO FEMALE #351-1 INMAC POS. 24-00-00 THRU 24-00-15 POS. 24-01-00 THRU 24-01-15 POS. 24-10-00 THRU 24-10-03 POS. 24-11-00 THRU 24-11-03			
6210	620,621,622,700,701,702	48	407674928		8-INBO THRU B3 #351-1 BLACK BOX RS232 INTERFACE CABLES POSITIONS 24-00-00 THRU -03 TO 63-06-INAO THRU A3 24-00-04 THRU -07 TO 63-10-INAO THRU A3 24-00-08 THRU -11 TO 63-14-INAO THRU A3 24-00-12 THRU -15 TO 63-18-INAO THRU A3 24-10-00 THRU -03 TO 63-22-INAO THRU A3 24-10-04 THRU -07 TO 63-28-INAO THRU A3 24-01-00 THRU -03 TO 63-06-INBO THRU B3 24-01-04 THRU -07 TO 63-10-INBO THRU B3 24-01-08 THRU -11 TO 63-14-INBO THRU B3 24-01-12 THRU -15 TO 63-18-INBO THRU B3 24-11-00 THRU -03 TO 63-22-INBO THRU B3 24-11-04 THRU -07 TO 63-28-INBO THRU B3			
6220	650,671,680,680A,681	40	407674928		CABLE ASSEMBLY,SIGNAL #ELOSMS-MM 5 FT BLACK BOX RS232 INTERFACE CABLES POSITIONS 24-00-00 THRU -03 TO 63-06-INAO THRU A3 24-00-04 THRU -07 TO 63-10-INAO THRU A3 24-00-08 THRU -11 TO 63-14-INAO THRU A3 24-00-12 THRU -15 TO 63-18-INAO THRU A3 24-10-00 THRU -03 TO 63-22-INAO THRU A3 24-10-04 THRU -07 TO 63-28-INAO THRU A3 24-01-00 THRU -03 TO 63-06-INBO THRU B3 24-01-04 THRU -07 TO 63-10-INBO THRU B3 24-01-08 THRU -11 TO 63-14-INBO THRU B3 24-01-12 THRU -15 TO 63-18-INBO THRU B3 24-11-00 THRU -03 TO 63-22-INBO THRU B3 24-11-04 THRU -07 TO 63-28-INBO THRU B3			
6245	630,640,650,660,660A,661,670,670A,671,680,680A,681	8	407731827		MODULE,CENTRAL PROCESSING UNIT #410004049 DTI (128MB SIMM MODULE)			
6260	620,621,622,650,680,680A,681,700,701,702	2	407455500		RACK,MEDIA #9322009-01 MUPAC 48-000 (MU0) & 55-000 (MU1)			
6270	620,621,622,650,680,680A,681,700,701,702	2	847640224		KIT,FINAL ASSEMBLY 48-000(MU0) & 55-000(MU1)			
6280	620,621,622,650,680,680A,681,700,701,702	2	847635430		KIT,UNIT GUIDE 48-000(MU0) & 55-000(MU1)			
6290	620,650,680,680A,681	24	407670850		ASSEMBLY,DISK DRIVE MAGNETIC #9322013-03 MUPAC POS 48-02 THRU -07, SCSI ID 1 THRU 6 48-08 THRU -13, SCSI ID 6 THRU 1 55-02 THRU -07, SCSI ID 1 THRU 6 55-08 THRU -13, SCSI ID 6 THRU 1			
6291	621,622,700,701,702	24	407912187		ASSEMBLY,ELECTRONIC #9322013-04 CARLO GAVAZZI, INC. POS 48-02 THRU -07, SCSI ID 1 THRU 6 48-08 THRU -13, SCSI ID 6 THRU 1 55-02 THRU -07, SCSI ID 1 THRU 6 55-08 THRU -13, SCSI ID 6 THRU 1			

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

ED1S015-61

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
6300	620,650,680,680A,681	24	472253731	KS22002L53	BAR CODE LABEL CLEI = E5PQAUNAAA POS 48-02 THRU 48-13 POS 55-02 THRU 55-13			
6301	621,622,700,701,702	24	472336445	KS22002L53	BAR CODE LABEL CLEI = E5PQAXHAAA			
6310	620,621,622,650,680,680A,681,700,701,702	4	407666510		PACK,CIRCUIT,SCSI SWITCH #ACI2021-A11 APCON POS 48-00, 48-15, 55-00, 55-15			
6320	620,621,622,650,680,680A,681,700,701,702	4	472261643	KS22002L53	BAR CODE LABEL CLEI = E5PQAVJAAA POS 48-00, 48-15, 55-00, 55-15			
6330	620,621,622,650,680,680A,681,700,701,702	4	407474865		ASSEMBLY,POWER SUPPLY #3501007-01 MUPAC POS 48-01, 48-14, 55-01, 55-14			
6340	620,621,622,650,680,680A,681,700,701,702	4	472163351	KS22002L53	BAR CODE LABEL FACEPLATE CLEI = E5PQARKAAA POS 48-01, 48-14, 55-01, 55-14			
6350	620,621,622,650,680,680A,681,700,701,702	8	407213362		TERMINATOR,ACTIVE SCSI #869576-1 AMP INC. POS 48-J10-0, 48-J12-0, 48-J10-1, 48-J12-1, 55-J10-0, 55-J12-0, 55-J10-1, 55-J12-1.			
6360	620,621,622,650,680,680A,681,700,701,702	2	407464742		CONNECTOR,DOUBLE ENDED CABLE CONNECT #ELOSMS-04 BLACK BOX 63-004-J4 TO 48-J21-0, SCSI CONTROL 0 63-007-J7 TO 55-J21-0, SCSI CONTROL 2			
6370	620,621,622,650,680,680A,681,700,701,702	2	407699354		CABLE ASSEMBLY,MODULAR #ELOSMS-07 BLACK BOX 63-005-J5 TO 48-J21-1, SCSI CONTROL 1 63-009-J9 TO 55-J21-1, SCSI CONTROL 3			

STOCKLIST CONTINUED ON SHEET D18

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BT13

ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

DWG SIZE
C2

ISSUE
14

LUCENT TECHNOLOGIES INC ED1S015-61

SHEET D17
OF 59

PRINTED IN U.S.A.

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
6380	620,621,622,650,680,680A,681,700,701,702	8	407472067		CABLE ASSEMBLY, COMPUTER #9031504-01 MUPAC 11-PCI0-P0 TO 48-00-INO 11-PCI1-P0 TO 48-15-INO 11-PCI2-P0 TO 55-00-INO 11-PCI3-P0 TO 55-15-INO 20-PCI0-P0 TO 48-00-INO 20-PCI1-P0 TO 48-15-INO 20-PCI2-P0 TO 55-00-INO 20-PCI3-P0 TO 55-15-INO			
6390	620,621,622,650,680,680A,681,700,701,702	6	107811846	BMR4	PACK, CIRCUIT, 15 AMP DC POWER DOG BOARD CLEI = E5PQATFA POS 63-002, 63-003, 63-004, 63-005, 63-007, 63-009.			
6400	620,621,622,650,680,680A,681,700,701,702	4	407566389		CABLE ASSEMBLY, SIGNAL #86000-001 63-04-C1-A1 TO 48-J19-0 63-05-C1-A1 TO 48-J19-1 63-07-C1-A1 TO 55-J19-0 63-09-C1-A1 TO 55-J19-1			
6410	620,621,622,650,680,680A,681,700,701,702	2	407634989		COUPLER, ASSEMBLY #9060690-01 MUPAC POS 55-J18-0 & 55-J18-1 (POWER SUPPLY REGULATION FEEDBACK)			
***** END OF STOCKLIST *****								

B

CERTIFIED ORDERABLE ITEM LIST (COIL) FOR AN SCP (MODEL 1) APPLICATIONS (DA ON ISS 8)

ID	QUANTITY		DESCRIPTION	GROUP	REMARKS	NOTE
	MIN	MAX				
	1	1	BASIC ACSC	1,1A	ALWAYS REQUIRED	
	1	1	BASIC CCO AND CCI UNITS	20	ALWAYS REQUIRED	
	1	1	2.5GB IDE DISK DRIVE	15,16	ALWAYS REQUIRED (R7 OR R8)	
	0	1	PLENUM KIT	5	REQUIRED WITH G1 OR G1A W/O G30	
	0	1	SECOND MEDIA UNIT	30	OPTIONAL - OMIT G5	
	1	1	CABINET HARDWARE KIT	40	ALWAYS REQUIRED	
	1	2	SCSI INTERFACE KIT	22	ONE REQUIRED PER MEDIA UNIT	
	1	1	P6 CPU	70	ALWAYS REQD, NOT E/W DRAM	
	1	1	ETHERNET CARD 10MB	23	ALWAYS REQUIRED	
	1	1	PERIPHERAL KIT	100	ALWAYS REQUIRED	81
	2	4	DUAL SS7 LINKS	200	OPTIONAL - PROVIDES 2 LINKS	63
	0	4	DUAL X.25 LINKS	250	OPTIONAL - PROVIDES 2 LINKS	63
	0	1	FOUR RS232 LINKS	300	OPTIONAL - PROVIDES 4 LINKS	63
	4	4	DRAM - 128MB SIMM	350	OPTIONAL INSTALLED ON CPU BOARD	76
	2	4	DRAM - 64MB SIMM	351	OPTIONAL INSTALLED ON CPU BOARD	76
	1	1	PRINTER U.S. PWR CORD INCL	80	ALWAYS REQD FOR U.S. INST.	
	1	1	PRINTER, INTERNATIONAL PWR	85	ALWAYS REQD FOR INTERNAT. INST.	81
	0	16	CABLE V.35 PADDLE BOARD TO MODEM - 20 FEET	90	OPTIONAL - ONE PER X.25 OR SS7 LINK.	
	0	8	ONE TWO PORT TERMINAL	150	OPTIONAL -	81
	1	1	FILTER KIT	AA	ALWAYS REQD FOR NEW INSTALL	64
	1	1	OPTIONAL CABLE LACING	AB	OPTIONAL	80
	1	1	TIER ONE STAGING	1000	ONE REQUIRED PER SYSTEM	
	1	1	TIER TWO STAGING	1010		
	1	1	TIER THREE STAGING	1020		
	1	1	STAGING FOR INTERNATIONAL APPLICATIONS	1030	ALWAYS REQUIRED FOR INTERNATIONAL SHIPMENTS	
	1	1	RCU UNIT STAMPING	SC	ALWAYS REQUIRED	

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BT13			
ADVANCED NETWORK SERVICES SPECIFICATION FOR SERVICE NODE AND SERVICE CONTROL POINT SYSTEMS ADVANTAGE CONTROL SERVER CABINET			
DWG SIZE C2	ISSUE 14		
LUCENT TECHNOLOGIES INC		ED1S015-61	
		SHEET D18 OF 59	

B1

CERTIFIED ORDERABLE ITEM LIST (COIL) FOR SCP (MODEL 2) APPLICATIONS R8 UP TO R93					
ID	QUANTITY		DESCRIPTION	GROUP	REMARKS
	MIN	MAX			
	1	1	BASIC ACSC	1A,2	ALWAYS REQUIRED
	1	1	BASIC CCO AND CC1 UNITS	10	ALWAYS REQUIRED
	0	1	PLENUM KIT	5	REQUIRED WITH G1 W/O G30
	0	1	SECOND MEDIA UNIT	30,35	OPTIONAL - OMIT G5
	1	1	CABINET HARDWARE KIT	40	ALWAYS REQUIRED(1 PER CABINET)
	1	2	SCSI INTERFACE KIT	22	ONE REQUIRED PER MEDIA UNIT
	1	1	4-WAY SMP CPU	60	NOT E/W DRAM
	0	1	6GB IDE DISK DRIVE R8	17	ALWAYS REQUIRED FOR R8
	0	1	6GB IDE DISK DRIVE R9	18	ALWAYS REQUIRED FOR R9
	1	1	PERIPHERAL KIT	100	ALWAYS REQUIRED(1 PER CABINET) 81
	0	4	DUAL X.25 LINKS	250	OPTIONAL - PROVIDES 2 LINKS 63
	0	2	FOUR RS232 LINKS	300	OPTIONAL - PROVIDES 4 LINKS 63
	8	16	DRAM - 128MB SIMM	350	OPTIONAL INSTALLED ON CPU BOARD 76
	8	8	DRAM - 64MB SIMM	351	OPTIONAL INSTALLED ON CPU BOARD 76
	0	1	PRINTER U.S. PWR CORD INCL	80	ALWAYS REQD FOR U.S. INST.
	0	1	PRINTER, INTERNATIONAL PWR	85	ALWAYS REQD FOR INTERNAT. INST. 81
	0	8	CABLE V.35 PADDLE BOARD TO MODEM - 20 FEET	90	OPTIONAL - ONE PER X.25, SS7 LINK.
	0	8	ONE TWO PORT TERMINAL	150	OPTIONAL - 81
	1	1	FILTER KIT	AC	ALWAYS REQD. FOR NEW INSTALLS 64
	1	1	OPTIONAL CABLE LACING	AB	OPTIONAL 80
	1	1	RCU UNIT STAMPING	SC	ALWAYS REQUIRED
	0	1	SCSI HOST ADAPTER	360	OPTIONAL (8MM TAPE DRIVE)
	0	1	SD & SP CABLES FOR ARU	101	G101 OR G102 ALWAYS REQUIRED
	0	1	SD & SP CABLES FOR ARU	102	
	0	8	MODEM CABLE FOR RS232	110	OPTIONAL FOR RCU/MODEM LINKS
	0	1	TCP/IP INTERFACE FOR SMS	370	OPTIONAL, 1 PER CABINET
	0	1	RS232 EQUIPMENT	310	OPTIONAL, 1 PER CABINET

B2

CERTIFIED ORDERABLE ITEM LIST (COIL) FOR AN SN APPLICATION						
ID	QUANTITY		DESCRIPTION	GROUP	REMARKS	NOTE
	MIN	MAX				
	1	1	BASIC ACSC	1A,1B	ALWAYS REQUIRED	
	1	1	BASIC CCO AND CC1 UNITS	20	ALWAYS REQUIRED	
	0	1	2.5GB IDE DISK DRIVE R8	15	ALWAYS REQUIRED FOR R8	
	0	1	6GB IDE DISK DRIVE R9	18	ALWAYS REQUIRED FOR R9	
	0	1	PLENUM KIT	5	REQUIRED WITH G1 W/O G30	
	0	1	SECOND MEDIA UNIT	30	OPTIONAL - OMIT G5	
	1	1	ETHERNET CARDS 10MB	23	ALWAYS REQUIRED	
	1	1	ETHERNET CARDS 100MB	25	ALWAYS REQUIRED	
	1	1	CABINET HARDWARE KIT	40	ALWAYS REQUIRED	
	1	2	SCSI INTERFACE KIT	22	ONE REQUIRED PER MEDIA UNIT	
	1	1	P6 CPU	70	ALWAYS REQD, NOT E/W DRAM	
	1	1	PERIPHERAL KIT	100	ALWAYS REQUIRED	81
	0	2	DUAL SS7 LINKS	200	OPTIONAL - PROVIDES 2 LINKS	63
	0	4	DUAL X.25 LINKS	250	OPTIONAL - PROVIDES 2 LINKS	63
	0	1	FOUR RS232 LINKS	300	OPTIONAL - PROVIDES 4 LINKS	63
	0	4	DRAM - 128MB SIMM	350	OPTIONAL INSTALLED ON CPU BOARD	76
	0	4	DRAM - 64MB SIMM	351	OPTIONAL INSTALLED ON CPU BOARD	76
	0	1	PRINTER U.S. PWR CORD INCL	80	ALWAYS REQD FOR U.S. INST.	
	0	1	PRINTER, INTERNATIONAL PWR	85	ALWAYS REQD FOR INTERNAT. INST.	81
	0	12	CABLE V.35 PADDLE BOARD TO MODEM - 20 FEET	90	OPTIONAL - ONE PER X.25, SS7 LINK.	
	0	8	ONE TWO PORT TERMINAL	150	OPTIONAL -	81
	1	1	FILTER KIT	AA	ALWAYS REQD. FOR NEW INSTALLS	64
	1	1	OPTIONAL CABLE LACING	AB	OPTIONAL	80
	1	1	RCU UNIT STAMPING	SB	ALWAYS REQUIRED	
	0	6	CABLE FOR RS232 LINKS	110	OPTIONAL, RCU TO MODEM	
	0	1	RS232 EQUIPMENT	310	OPTIONAL, 1 PER SCP	

B3

ORDERABLE ITEM LIST FOR AN SCP MODEL 2+ R04					
ID	QUANTITY		DESCRIPTION	GROUP	REMARKS
	MIN	MAX			
1	1	1	BASIC ACSC CABINET	2	ALWAYS REQD
2	2	2	BASIC CCO & CC1 CHASSIS	11	ALWAYS REQD
0	1	1	PLENUM KIT	5	REQD WITH 2, W/O 35
0	1	1	2ND MEDIA UNIT	35	OPTIONAL, OMIT G5
1	1	1	CABINET HARDWARE KIT	40	ALWAYS REQD
2	2	2	SCSI BOOT DISK DRIVE	21	ALWAYS REQD. R04 IS CURREENT PREVIOUS IS R9 LIST 19
1	2	2	SCSI INTERFACE KIT	22	1 PER MEDIA UNIT
2	2	2	CPU MODULE, QUAD SMP, P3	61	ALWAYS REQD
1	1	1	PERIPHERAL KIT	100A	ALWAYS REQD
1	1	1	PRINTER	80/85	1 ALWAYS REQD
0	6	6	DUAL X.25 LINKS (PCI)	251	OPTIONAL PROVIDES 2 LINKS
1	8	8	DRAM - 256MB DIMM	352	SEE GROUP 352 FOR OPTIONS

B4

ORDERABLE ITEM LIST FOR AN SCP MODEL 2 ULTRA+ R04					
ID	QUANTITY		DESCRIPTION	GROUP	REMARKS
	MIN	MAX			
1	1	1	BASIC ACSC CABINET	3	ALWAYS REQD
2	2	2	BASIC CCO & CC1 CHASSIS	11	ALWAYS REQD
0	1	1	PLENUM KIT	5	REQD WITH 2, W/O 35
0	1	1	2ND MEDIA UNIT	36	OPTIONAL, OMIT G5
1	1	1	CABINET HARDWARE KIT	40	ALWAYS REQD
2	2	2	SCSI BOOT DISK DRIVE	21	ALWAYS REQD. R04 IS CURRENT PREVIOUS IS R9 LIST 19
2	4	4	SCSI INTERFACE KIT	27	2 PER MEDIA UNIT
2	2	2	CPU MODULE, QUAD SMP, P3	61	ALWAYS REQD
1	1	1	PERIPHERAL KIT	100A	ALWAYS REQD
1	1	1	PRINTER	80/85	1 ALWAYS REQD
0	6	6	DUAL X.25 LINKS (PCI)	251	OPTIONAL PROVIDES 2 LINKS
1	8	8	DRAM - 256MB DIMM	352	SEE GROUP 352 FOR OPTIONS

CC

TABLE CC: MNEMONICS FOR CIRCUIT PACKS IN CC CONFIGURATIONS	
MNEM.	DESCRIPTION
CGT	COGENT/ADAPTEC ETHERNET NETWORK INTERFACE CARD, 10/100MB, QUAD PORT, PCI.
CM	COMTROL ROCKETPORT CONTROLLER CARD, RS232, 32 PORT, EISA
CQ	COMPAQ ETHERNET NETWORK INTERFACE CARD, 10MB, DUAL PORT, EISA
DPT	DPT SCSI HOST ADAPTER CARD, PCI
INT	INTEL ETHERNET NETWORK INTERFACE CARD, 100MB, SINGLE PORT, ISA
SS7	ADAX INTERFACE CONTROLLER, DUAL SS7 LINK, EISA
X25	ADAX INTERFACE CONTROLLER, DUAL X.25 LINK, EISA

CC1

TABLE CC1: CONTROL COMPUTER VALID CARD CONFIGURATIONS FOR MODEL 1 SCP																		
CONFIG NO.	APPL/REL	PCI SLOTS				EISA/ISA SLOTS								CONFIGURATION STATUS/COMMENTS				
		P03	P02	P01	P00	E01	E02	E03	E04	E05	E06	E07	E08		E09	E10	E11	E12
101	SCP/R8	-	-	DPT	DPT	-	CQ	-	CM	X25	X25	-	-	SS7	SS7	-	-	DA WITH R91
102	SCP/R8	-	-	DPT	DPT	-	CQ	-	CM	X25	X25	X25	X25	SS7	SS7	-	-	DA WITH R91
103	SCP/R8	-	-	DPT	DPT	-	CQ	-	CM	X25	X25	X25	X25	SS7	SS7	SS7	SS7	DA WITH R91
104	SCP/R8	DPT	DPT	DPT	DPT	-	CQ	-	CM	X25	X25	-	-	SS7	SS7	-	-	DA WITH R91
105	SCP/R8	DPT	DPT	DPT	DPT	-	CQ	-	CM	X25	X25	X25	X25	SS7	SS7	-	-	DA WITH R91
106	SCP/R8	DPT	DPT	DPT	DPT	-	CQ	-	CM	X25	X25	X25	X25	SS7	SS7	SS7	SS7	DA WITH R91
107	SCP/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	RETROFIT ONLY
108	SCP/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	RETROFIT ONLY
109	SCP/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	SS7	SS7	RETROFIT ONLY
110	SCP/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	RETROFIT ONLY
111	SCP/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	RETROFIT ONLY
112	SCP/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	SS7	SS7	RETROFIT ONLY

NOTE: THE MODEL 1 SCP CONTROL COMPUTERS INCLUDE A 200MHZ P6 CPU, EQUIPPED WITH 512MB DRAM MEMORY (4 - 128MB SIMMS).

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CC2

TABLE CC2: CONTROL COMPUTER VALID CARD CONFIGURATIONS FOR SN

CONFIG NO.	APPL/REL	PCI SLOTS				EISA/ISA SLOTS								CONFIGURATION STATUS/COMMENTS				
		P03	P02	P01	P00	E01	E02	E03	E04	E05	E06	E07	E08		E09	E10	E11	E12
122	SN/R8	-	-	DPT	DPT	CQ	INT	INT	CM	-	-	-	-	-	-	-	-	DA WITH R92
123	SN/R8	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	-	-	-	-	
124	SN/R8	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	-	-	-	
125	SN/R8	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	
126	SN/R8	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	
127	SN/R8	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	-	-	-	-	-	-	-	-	
128	SN/R8	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	-	-	-	-	
129	SN/R8	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	-	-	-	
130	SN/R8	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	
131	SN/R8	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	
141	SN/R92	-	-	DPT	DPT	CQ	INT	INT	CM	-	-	-	-	-	-	-	-	
142	SN/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	-	-	-	-	
143	SN/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	-	-	-	
144	SN/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	
145	SN/R92	-	-	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	
146	SN/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	-	-	-	-	-	-	-	-	
147	SN/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	-	-	-	-	
148	SN/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	-	-	-	
149	SN/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	-	-	SS7	SS7	-	-	
150	SN/R92	DPT	DPT	DPT	DPT	CQ	INT	INT	CM	X25	X25	X25	X25	SS7	SS7	-	-	

NOTE: THE SN CONFIGURATIONS INCLUDE A 200MHZ P6 CPU, EQUIPPED WITH 128MB DRAM MEMORY. (2 - 64MB SIMMS). TO CHANGE THE MEMORY TO 256MB(4 - 64MB SIMMS), ADD SUFFIX A TO THE CONFIGURATION NO. TO CHANGE THE MEMORY TO 512MB(4 - 128MB SIMMS), ADD SUFFIX B TO THE CONFIGURATION NO. EXAMPLE: FOR A CONFIGURATION SIMILAR TO 141, EXCEPT WITH 512MB DRAM MEMORY, THE CONFIGURATION NO. IS 141B.

CC3

TABLE CC3: CONTROL COMPUTER VALID CARD CONFIGURATIONS FOR MODEL 2 SCP

CONFIG NO.	APPL/REL	PCI SLOTS				EISA/ISA SLOTS							CONFIGURATION STATUS/COMMENTS					
		P06	P05	P04	P03	P02	P01	P00	E01	E02	E03	E04		E05	E06	E07		
201	SCP/R8	CGT	CGT	-	-	-	DPT	DPT	CM	-	-	-	-	-	-	-	-	DA WITH R92
202	SCP/R8	CGT	CGT	-	-	-	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
203	SCP/R8	CGT	CGT	-	-	-	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
204	SCP/R8	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	-	-	-	-	-	-	-	-	
205	SCP/R8	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
206	SCP/R8	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
207	SCP/R8	CGT	CGT	DPT	-	-	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
208	SCP/R8	CGT	CGT	DPT	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
211	SCP/R92	CGT	CGT	-	-	-	DPT	DPT	CM	-	-	-	-	-	-	-	-	
212	SCP/R92	CGT	CGT	-	-	-	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
213	SCP/R92	CGT	CGT	-	-	-	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
214	SCP/R92	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	-	-	-	-	-	-	-	-	
215	SCP/R92	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
216	SCP/R92	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
217	SCP/R93	CGT	CGT	-	-	-	DPT	DPT	CM	X25	X25	X25	X25	X25	X25	X25	X25	AVAIL FOR ORDER W/R92.50
218	SCP/R93	CGT	CGT	-	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	X25	X25	X25	X25	AFTER 5/31/99 ONLY
221	SCP/R92	CGT	CGT	DPT	-	-	DPT	DPT	CM	-	-	-	-	-	-	-	-	
222	SCP/R92	CGT	CGT	DPT	-	-	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
223	SCP/R92	CGT	CGT	DPT	-	-	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
224	SCP/R92	CGT	CGT	DPT	DPT	DPT	DPT	DPT	CM	-	-	-	-	-	-	-	-	
225	SCP/R92	CGT	CGT	DPT	DPT	DPT	DPT	DPT	CM	X25	X25	-	-	-	-	-	-	
226	SCP/R92	CGT	CGT	DPT	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	-	-	-	-	
227	SCP/R93	CGT	CGT	DPT	-	-	DPT	DPT	CM	X25	X25	X25	X25	X25	X25	X25	X25	AVAIL FOR ORDER W/R92.50
228	SCP/R93	CGT	CGT	DPT	DPT	DPT	DPT	DPT	CM	X25	X25	X25	X25	X25	X25	X25	X25	AFTER 5/31/99 ONLY

NOTE: THE ABOVE CONFIGURATIONS INCLUDE A 200MHZ P6 4 WAY SMP CPU (3 CARD SET) AND 512MB DRAM (8-64MB SIMMS) TO GET THE SAME CONFIG WITH 1GB DRAM, ADD SUFFIX A TO CONFIG NO. OR TO GET THE SAME CONFIG WITH 2GB DRAM, ADD SUFFIX B TO CONFIG NO. EXAMPLE: FOR A CONFIG EQUIPPED SIMILAR TO CONFIG NO. 206, EXCEPT WITH 2GB DRAM MEMORY, THE CONFIG NO. IS 206B.

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CC4

TABLE CC4: CONTROL COMPUTER VALID CONFIGURATIONS FOR MODEL 2 PLUS SCP

CONFIG NO.	APPL/REL	ISA SLOT	PCI/ISA SLOT	PCI SLOTS											CONFIGURATION STATUS/COMMENTS		
				1	2	3	4	5	6	7	8	9	10	11			
251	R94	CM							CGT	CGT	DPT	DPT					
252	R94	CM	PX25	PX25					CGT	CGT	DPT	DPT					
253	R94	CM	PX25	PX25	PX25	PX25			CGT	CGT	DPT	DPT					
254	R94	CM	PX25	PX25	PX25	PX25	PX25	PX25	CGT	CGT	DPT	DPT					
255	R94	CM							CGT	CGT	DPT	DPT	DPT	DPT			
256	R94	CM	PX25	PX25					CGT	CGT	DPT	DPT	DPT	DPT			
257	R94	CM	PX25	PX25	PX25	PX25			CGT	CGT	DPT	DPT	DPT	DPT			
258	R94	CM	PX25	PX25	PX25	PX25	PS25	PX25	CGT	CGT	DPT	DPT	DPT	DPT			

CC5

TABLE CC5: CONTROL COMPUTER VALID CONFIGURATIONS FOR ECS (SCP) MODEL 2 ULTRA PLUS

CONFIG NO.	APPL/REL	ISA SLOT	PCI/ISA SLOT	PCI SLOTS											CONFIGURATION STATUS/COMMENTS		
				1	2	3	4	5	6	7	8	9	10	11			
351	R03	CM							CGT	CGT	DPT	DPT					
352	R03	CM	PX25	PX25					CGT	CGT	DPT	DPT					
353	R03	CM	PX25	PX25	PX25	PX25			CGT	CGT	DPT	DPT					
354	R03	CM	PX25	PX25	PX25	PX25	PX25	PX25	CGT	CGT	DPT	DPT					
355	R03	CM							CGT	CGT	DPT	DPT	DPT	DPT			
356	R03	CM	PX25	PX25					CGT	CGT	DPT	DPT	DPT	DPT			
357	R03	CM	PX25	PX25	PX25	PX25			CGT	CGT	DPT	DPT	DPT	DPT			
358	R03	CM	PX25	PX25	PX25	PX25	PS25	PX25	CGT	CGT	DPT	DPT	DPT	DPT			

FR

LIST OF ORDER CODES FOR FIELD REPLACEABLE ITEMS.

UNIT	ITEM	COMCODE	REMARKS
CONTROL COMPUTER	ETHERNET BACKBONE CABLE	407484724	CCO TO CC1
	ROCKETPORT CABLE	407512624	CC TO ROCKETPORT
	SCSI BUS CABLE	407472067	CC TO MU FOR NARROW SCSI
	SCSI BUS CABLE	408356632	CC TO MU FOR UW SCSI (USED ON M2 ULTRA+)
RCU	X.25 & SS7 Y CABLE	407575703	CC TO PATCH PANEL
	METRAL PATCH PANEL CABLE	407593474	V.35 PATCH PANEL TO TO RCU (QUAD CABLE)
	RS232 ROCKETPORT CABLE	407674928	ROCKETPORT TO RCU PADDLEBOARDS
	CC & TS HEARTBEAT CABLE	407627397	RCU TO CC COM 2
	MU REMOTE CONTROL CABLE	407566389	SENSE CABLE
	AUX MULT CABLE	407472182	BOARD TO BOARD
	SCSI COM CABLE 0 & 2	407464742	MU J21 TO RCU BACKPLANE - 4 FEET
	SCSI COM CABLE 1 & 3	407699354	MU J21 TO RCU BACKPLANE - 7 FEET

RS

LIST OF RECOMMENDED SPARES (SEE NOTES 69 & 88)

UNIT	ITEM	COMCODE	QUANTITY		REMARKS	
			SN	SCP		
CONTROL COMPUTER	CPU CKT PACK, 200MHZ MODEL 1	407652627	1	1	ALL ITEMS IN THE CONTROL COMPUTER SECTION TO BE OBTAINED FROM DTI. SEE NOTE 19. DTI WILL INSTALL THE COMCODE AND CLEI LABELS. IF PARTS ARE ORDERED FROM OTHER THAN DTI, THE LABELS WILL NOT BE INCLUDED.	
	LABEL, CLEI FOR 407652627	472235589	1	1		
	CPU BOARD SET, SMP MODEL 2	407747237	0	1		
	LABEL, CLEI FOR 407747237	472271097	0	1		
	CPU MODULE, QUAD P3, M2+/M2U+	408534063	0	1		REPLACES 408203685
	LABEL, CLEI FOR 408534063	472787639	0	1		REPLACED 472503440
	SIMM MODULE, 64MB	407604222	1	1		
	SIMM MODULE, 128MB	407731827	1	1		
	DIMM MODULE, 256MB SCP M2/M2U+	408176857	0	1		
	MEMORY BOARD, SCP M2+/M2U+	408203727	0	1		SPARE UPTO 4 GB MEMEORY SPARE FOR 8 GB MEMORY FEATURE
	MEMEORY BOARD, SCP M2+/M2U+	408539674	0	1		
	LABEL, CLEI FOR 408203727	472503457	0	1		
	LABEL, CLIE FOR 408539674	472834191	0	1		
	SCSI CONTROLLER CKT PACK	407538222	1	1		
	LABEL, CLEI FOR 407538222	472182278	1	1		
	SCSI CONTR. CKT PK / M2U+ ONLY	408275113	1	1		
	LABEL, CLIE FOR 408275113	472604990	1	1		
	9GB SCSI BOOT DISK, R94 SCPM2+ ALSO FOR R03 M2U+	408198018	0	1		
	18GB SCSI BOOT DSK R04 M2+/M2U+	408486793	0	1		
	2.5GB IDE DISK DR MODEL 1, R7	407745801	1	1		
2.5GB IDE DISK DR MODEL 1, R8	407747245	1	1			
6GB IDE DISK DRIVE R8 SCPM2	407804228	0	1	SELECT R8 DRIVE OR R9 DRIVE NOT BOTH		
6GB IDE DISK DRIVE - R92	408091833	1	1			

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RS	6GB IDE DISK DRIVE - R04	408486801	1	1	SELECT R8 OR R9 OR R04
	\$8GB SCSI DAT TAPE DRIVES	\$407479757\$	1	1	
	\$LABEL, CLEI FOR 407479757\$	\$472169523\$	1	1	
	8GB SCSI DAT TAPE DRV. M2+/M2U+	408533271		1	REPLACED 407824143
	LABEL, CLEI FOR 408533271			1	REPLACED 472297829
	8GB SCSI DATE TAPE DRV. M1/M2	408533297	1	1	USED ON M1/M2. REPLACES 407824143
	ETHERNET CONTROLLER 10MB MODEL 1	407470558	1	1	
	LABEL, CLEI FOR 407470558	472163310	1	1	
	ETHERNET CONTROLLER 10/100 M2/M2+/M2U+	408222750	0	1	REPLACED 407747286
	LABEL, CLEI FOR 408222750	472503382	0	1	REPLACED 47271048
	ETHERNET CONTROLLER 100MB	407694579	1	0	
	LABEL, CLEI FOR 407694579	472248848	1	0	
	I/O BOARD, SCPM2+ / M2U+	408534089	0	1	REPLACED 408203719
	LABEL, CLEI FOR 408534089	472787779	0	1	REPLACED 472503465
	RS232 CONTROLLER	407517176	1	1	
	LABEL, CLEI FOR 407517176	472173244	1	1	
	ALARM BOARD, SCPM2+ / M2U+	408203735	0	1	
	LABEL, CLEI FOR 408203743			1	
	FAN, MAIN FRONT, INDIVIDUAL	407463728	1	1	
	FAN, FRONT, SCPM2+ / M2U+ ONLY	408203743	0	1	
	FAN, PWR SUPPLY, FRONT SCPM2+ /M2U+	408202323	0	1	
	FAN, PWR SUPPLY, REAR	407463736	1	1	--NOT USED ON SCPM2+ --
	FAN, TOP, M2 CPU ONLY	407954627	0	2	
	3.5" FLOPPY DISK DRIVE	407470525	1	1	
	3.5" FLOPPY DISK DRIVE, 1/2HT	408201150	0	1	SCPM2+ ONLY
	POWER MODULE, 500W R7	407463710	1	1	DA; REPLACED BY 407797273
	POWER MODULE, 725W SCP MODEL 1 NON-CURRENT MON. SN R7 & R8	407797273	1	1	
	POWER MODULE, 725W SCP MODEL 2 CURRENT MONITORING	407703990	0	1	
	SENSOR 1024M-12 12V SCP MODEL 2	407973924	0	1	LA; REPLACED BY 408002509
	SENSOR 1024-M5 5V SCP MODEL 2	407967587	0	1	LA; REPLACED BY 408002491
	SENSOR 1024M-12 12V ALL	408002509	0	1	NOT DIRECT REPLACEMENTS. SEE ENGINEERING NOTE 87 FOR DETAILS REGARDING REPLACEMENT RULES.
	SENSOR 1024M-5 5V ALL	408002491	0	1	
SS7 LINK	V.35/SS7 INTERFACE CPS	407915503	1	1	MODEL 2 (SS7)
	LABEL, CLEI FOR 407915503	472336239	1	1	
	V.35/SS7 INTERFACE CPS PCI	408217024	0	1	MODEL 2+ / M2U+ (PS7)
	LABEL, CLEI FOR 408217024		0	1	
X.25 LINK	V.35/X.25 INTERFACE CPS	407470418	1	1	MODEL 2 (X25)
	LABEL, CLEI FOR 407463418	472182294	1	1	

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RS	V.35/X.25 INTERFACE CPS PCI	408217016	0	1	MODEL 2+ / M2U+ (PX.25)
	LABEL, CLEI FOR 408217016		0	1	
RS232 DIST PANEL	RS232 ADAPTER RJ45 TO DB25	407699362	1	1	TO BE OBTAINED FROM CGI MUPAC. (SEE NOTE 54)
COOLING UNIT	CONTROLLER	408173979	1	1	
	FAN	406611186	1	1	
MEDIA UNIT	SCHUTTLE PACK E/W SCSI DISK UNIT - 4GB CAPACITY	407670850	1	1	LA; REPLACED BY 407912187 SEE ENG NOTE 86.
	LABEL, CLEI FOR 407670850	472253731	1	1	
	SHUTTLE PACK E/W SCSI DISK UNIT - 9GB CAPACITY	407912187	0	1	SEE ENG NOTE 86
&	LABEL, CLEI FOR 407912187	472336445	0	1	
	SCSI SWITCH CIRCUIT PACK	407666510	1	1	ALL MEDIA UNIT ITEMS MUST BE OBTAINED FROM CGI MUPAC. SEE NOTE 54.
	LABEL, CLEI FOR 407666510	472261643	1	1	
	SHUTTLE PACK E/W UW SCSI DISK UNIT - 18 GB CAPACITY	408275097	1	1	
	LABEL, CLEI FOR 408275097	472604097			
MEDIA UNIT - ULTRA WIDE SCSI	UW SCSI SWITCH CIRCUIT PACK	408275105	0	1	
	LABEL, CLEI FOR 408275105	472604982	1	1	
	POWER SUPPLY CIRCUIT PACK	407474865	0	1	
	LABEL, CLEI FOR 407474865	472163351	1	1	
RCC UNIT	WATCH DOG PADDLE BD R7 & R8 SCP R7 & R8 SN	107870123	1	1	DA; REPLACED BY 108028739
	WATCH DOG PADDLE BD R8 SCP WITH SMP	108028739	0	1	DA REPLACED BY 108489790
	WATCH DOG PADDLE BD R8 SCP WITH SMP	108489790	0	1	REPLACED 108028739
	WATCH DOG PADDLE BD R8 SCP WITH SMP	108731704	0	1	REPLACED 108489790
	POWER DOG CIRCUIT PACK	107811846	1	1	
	PORT SWITCH CKT PK	107869778	1	1	
	RS232 PADDLE BOARD	107709230	1	1	
	SS7/X.25 PADDLE BOARD	107709248	1	1	
MISC.	SCSI BUS TERMINATOR	407213362	1	1	NOT REQUIRED ON SCP M2U+
	ARU KIT	408061125	1	1	TO BE OBTAINED FROM CGI MUPAC

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TABLE JJ

TABLE JJ STOCKLIST ORDERING COMCODES TO INDIVIDUAL/SINGULAR COMCODES CROSS REFERENCE		
STOCKLIST ORDERING COMCODE	INDIVIDUAL/SINGULAR COMCODE	COMMENTS
406663971	406747501	WP91768,L104 .50 AMP - FAST ACTING FUSE
406599308	406747519	WP92458,L2 1.25 AMP - VERY FAST ACTING FUSE
406708545	406747527	WP91768,L107 2 AMP - FAST ACTING FUSE
406693895	406747535	WP91768,L108 3 AMP - FAST ACTING FUSE
406693887	406747543	WP91768,L110 5 AMP - FAST ACTING FUSE
406693903	406747550	WP91768,L112 7 AMP - FAST ACTING FUSE
406599324	406747568	WP92458,L11 10 AMP - VERY FAST ACTING FUSE
406599332	406747576	WP92458,L12 12 AMP - VERY FAST ACTING FUSE
406599357	406808469	WP92458,L13 15 AMP - VERY FAST ACTING FUSE
406759050	406808477	WP92458,L14 20 AMP - VERY FAST ACTING FUSE
407132257		WP92955,L8 25 AMP - NORMAL ACTING FUSE

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BT13

ADVANCED NETWORK SERVICES
SPECIFICATION FOR
SERVICE NODE AND
SERVICE CONTROL POINT
SYSTEMS
ADVANTAGE CONTROL SERVER CABINET

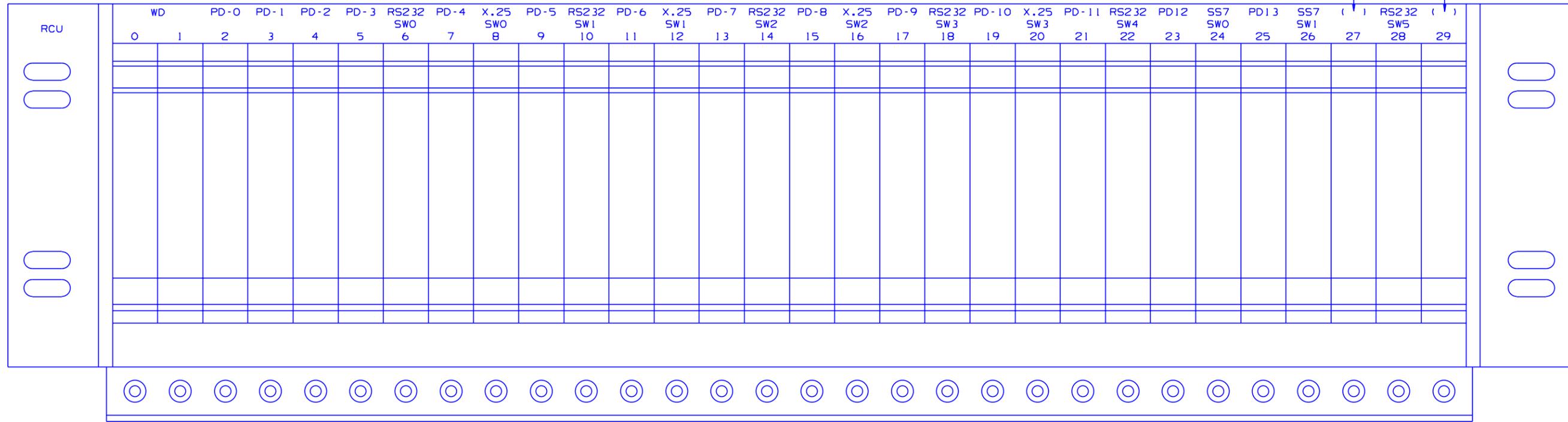
DWG SIZE C2 ISSUE 14

ED1S015-61

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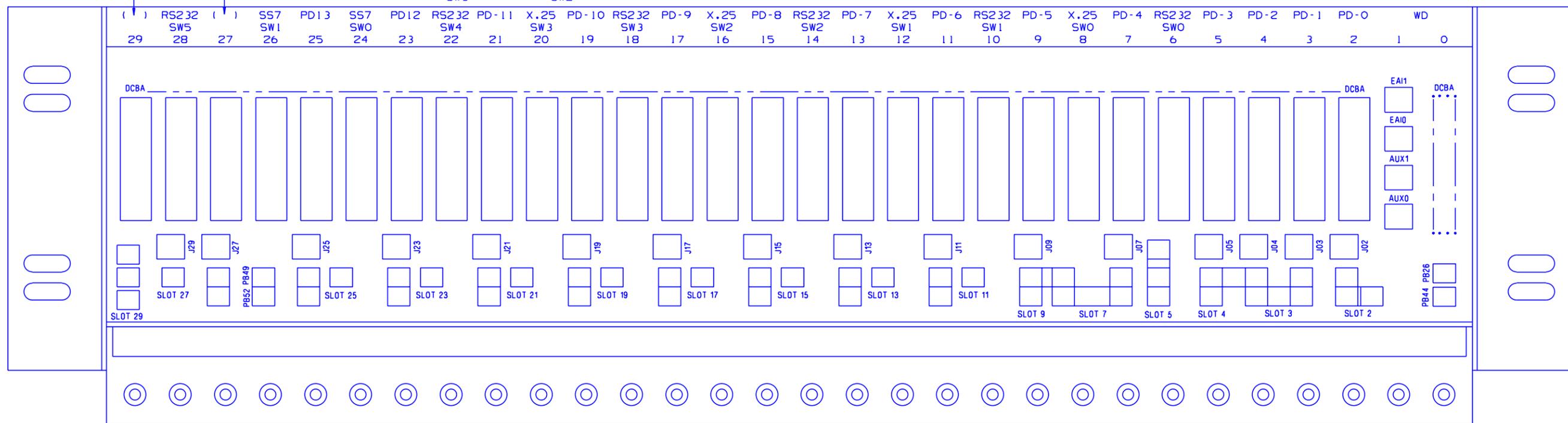
SHEET D24 OF 59

LIST SB STAMP POS 27 "PD14", POS 29 "PD15"
 LIST SC STAMP POS 27 "SS7", POS 29 "SS7"
 SW2 SW3



FRONT VIEW

LIST SB STAMP POS 29 "PD15", POS 27 "PD14"
 LIST SC STAMP POS 29 "SS7", POS 27 "SS7"
 SW3 SW2



REAR VIEW

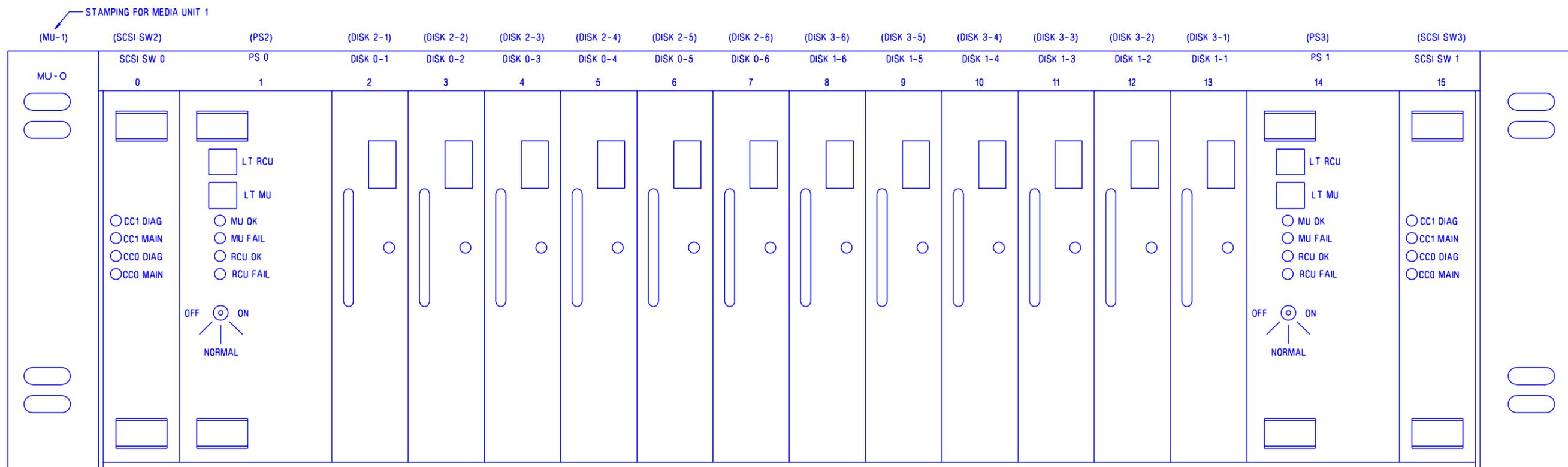
FIG. N
 RCC CONTROL UNIT
 (RCU)

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Lucent Technologies, Inc.		ISSUE 1
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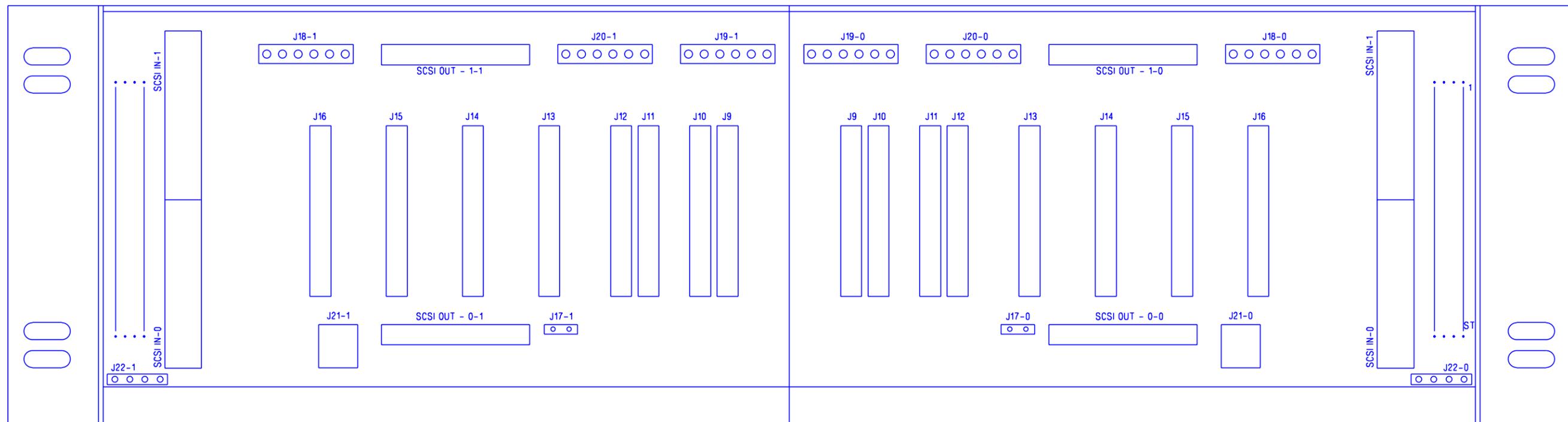
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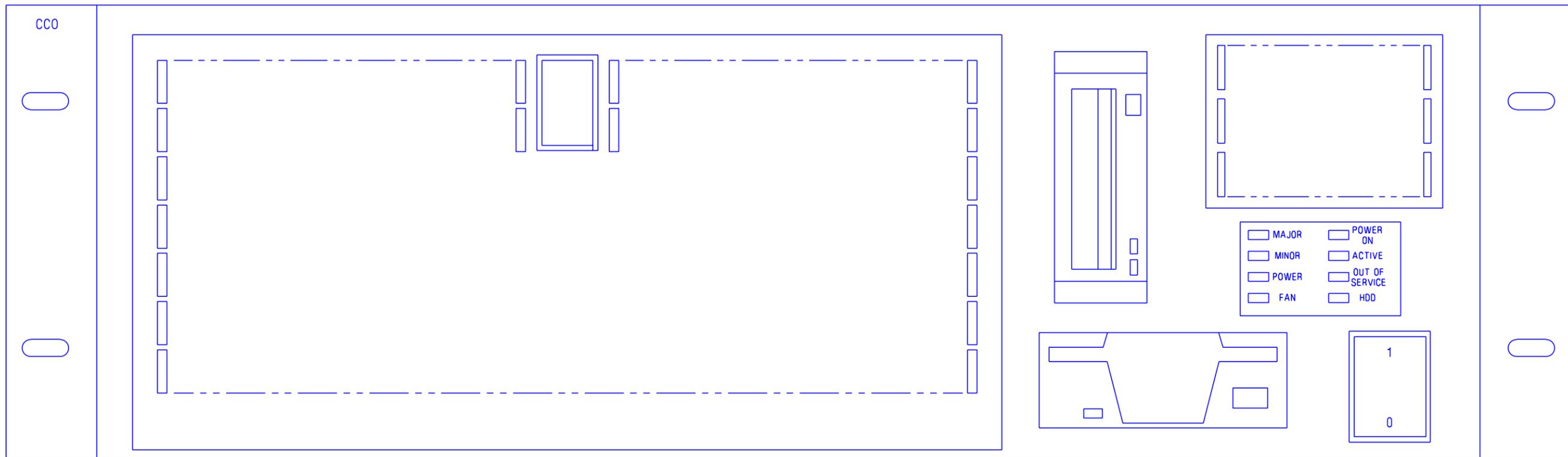
FRONT VIEW



REAR VIEW

FIG. P
MEDIA UNIT
(MU)

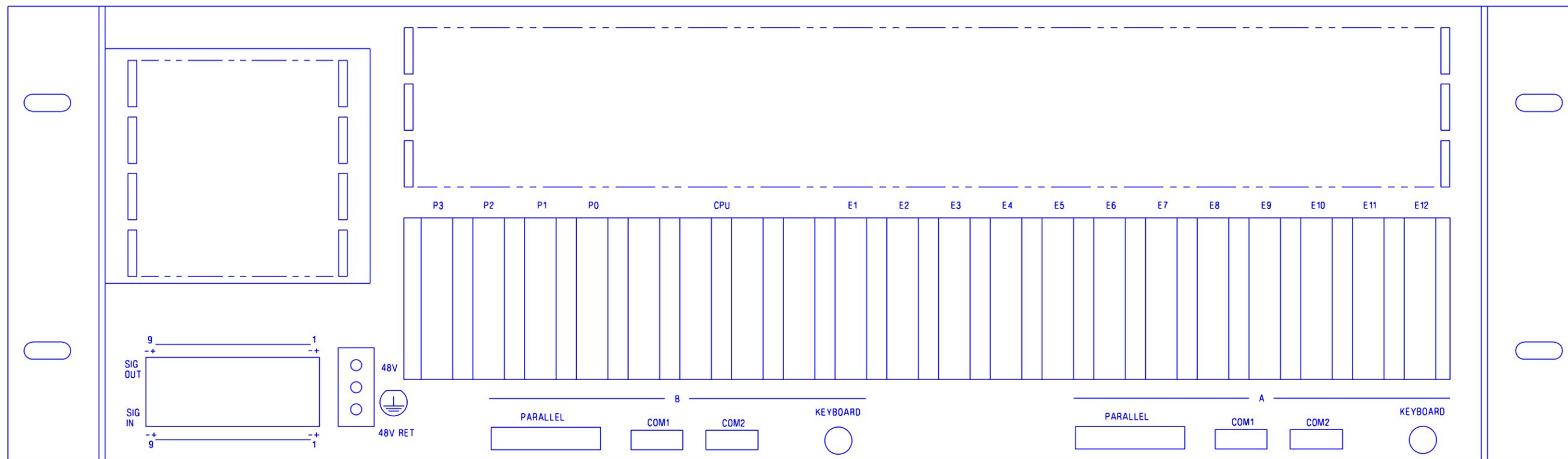
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FRONT VIEW

FIG. Q
CONTROL COMPUTER
UNIT

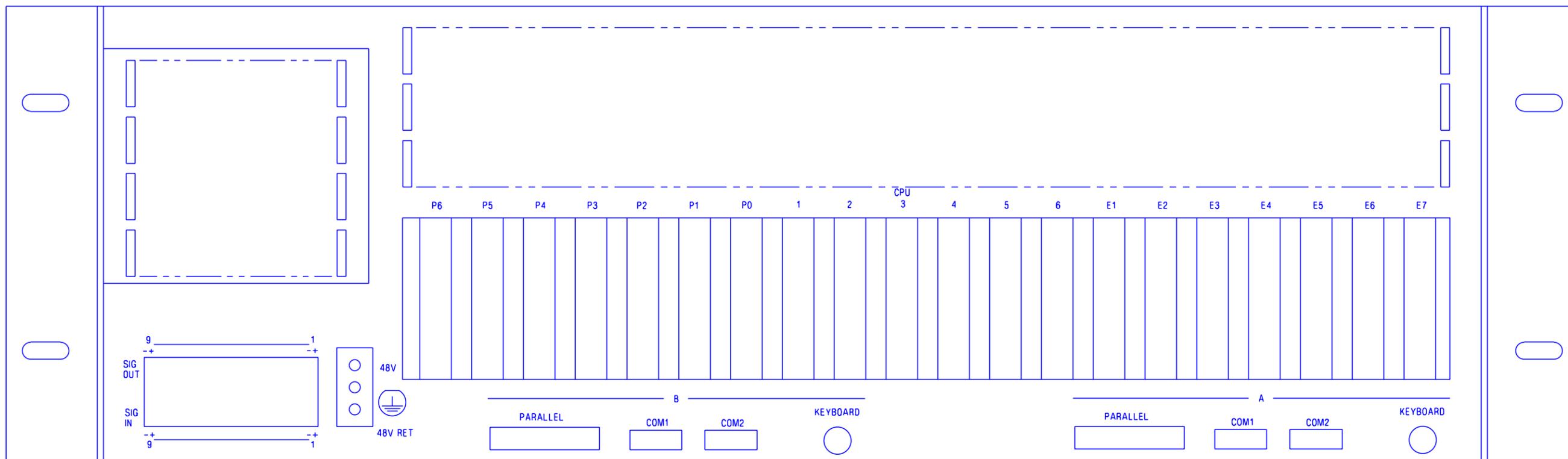
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	C2	1
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REAR VIEW

FIG. Q
 CONTROL COMPUTER
 (CCO OR CC1)
 SCP MODEL 1 OR 5N

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		SHEET E4



REAR VIEW

FIG. R
CONTROL COMPUTER
(CCO OR CC1)
SCP MODEL 2

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