

ISSUE NOTES (CONTINUED)				
(TAG C04518) CHANGES MADE IN ACCORDANCE WITH CHANGE NOTICE C04518NW. TABLE A- GROUP 30 MARKED DA. GROUP 34 ADDED. EN. NOTES- NOTE 51 MODIFIED TO INCLUDE GR. 34. SHEET B10- FIGURE 7 & 9 REMOVED. SHEET NOTE 8 & 9 REMOVED. SHEET B11- FIGURE 10 CORRECTED. SHEET NOTE 7 ADDED. STOCKLIST- ITEM 2900 ADDED MISC TBLs- TABLE OC-3/OC-12 MODIFIED TO REFLECT GR. 30 DA. (ISSUE 9W1 ISSUED TO CORRECT ISSUE NUMBER ON DRAWING GRAPHICS) CHANGES MADE FOR C/N C004518NW. EN. NOTE 51- GROUP 34 REMOVED EN. NOTE 58 ADDED TABLE A- GROUP 30 REPL FIELD CORRECTED TO FE/RA. GROUP 34- EN. NOTE 51 CHANGED TO EN. NOTE 58. REPL: FIELD ADDED. FIGURE 10 CHANGED TO FIG. 13." SHEET B11- FIG 10 CHANGED TO FIG 13. TABLE A- GROUP 30 AND GROUP 34 CORRECTED TO INCLUDE "G" FOR GROUP . STOCKLIST ITEM 2900 ADDED. (TAG C04518) CHANGES MADE IN ACCORDANCE WITH CHANGE NOTICE C04518NW. TABLE A- GROUP 30 MARKED DA. GROUP 34 ADDED. EN. NOTES- NOTE 51 MODIFIED TO INCLUDE GR. 34. SHEET B10- FIGURE 7 & 9 REMOVED. SHEET NOTE 8 & 9 REMOVED. SHEET B11- FIGURE 10 CORRECTED. SHEET NOTE 7 ADDED. STOCKLIST- ITEM 2900 ADDED MISC TBLs- TABLE OC-3/OC-12 MODIFIED TO REFLECT GR. 30 DA. CHANGES MADE IN ACCORDANCE WITH CHANGE NOTICE C04518NW. TABLE A - GROUP 30 MARKED DA. GROUP 34 ADDED. SHEET B10- FIGURE 7 & 9 REMOVED. SHEET NOTE 8 & 9 REMOVED. SHEET B11- FIGURE 10 CHANGED TO 13 AND CORRECTED. SHEET NOTE 7 ADDED. STOCKLIST- ITEM 2900 ADDED MISC TBLs- TABLE OC-3/OC-12 MODIFIED TO REFLECT GR. 30 DA. EN. NOTE 58 ADDED ORIG ISS: 10/30/97 CHANGE CLASS: A DRAFT: BAM ENGR: BAM SUPV: PK CERTIFIED: 09/21/00 ISSUE: 9 ISSUE CREATED TO CORRECT SHEET INDEX PROBLEMS. SHEETS B10 AND B11 UPDATED TO SHOW ISSUE 10. ORIG ISS: 10/30/97 CHANGE CLASS: B DRAFT: BAM ENGR: BAM SUPV: PK CERTIFIED: 09/28/00 ISSUE: 10				

ISSUE NOTES (CONTINUED)				
(H8599) IN TABLE A, DA'ED GROUP 16. ORIG ISS: 10/30/97 CHANGE CLASS: B DRAFT: MDK ENGR: MDK SUPV: PK CERTIFIED: 02/25/00 ISSUE: 6 (H8599) ADDED IDENTIFICATION NUMBER "B8" TO GRAPHIC SHEET B8. ORIG ISS: 10/30/97 CHANGE CLASS: B DRAFT: MDK ENGR: MDK SUPV: PK CERTIFIED: 02/29/00 ISSUE: 7 -----TAG H8667 (JJW)----- (H8667) SHT INDEX UPDATED FOR ALL SHTS FOR NEW FORMAT. ENG NOTE 57 ADDED. FOR TBL "A" GRP'S 20,24,27 ST READ ST2+. ENG NOTE 51 GRPS 28,30 THRU 32 REF TO G19,166,153 & 341 RMV'D; REF TO G15,16,17,18,70, 165,151,152,182,183,186,339,340,530 & 531 ADDED. TBL "A" GRPS 28, 29,30,31 & 32 MAX CA LG 125,150,665 & RESP RMV'D. ALSO X-DIM & REF TO ED8C724-22 G19,28,153,166 & 341 RESP RMV'D. REF TO ENG NOTE 57 ADDED. CA TBL 1200 THRU 1230, 1310 THRU 1410, & 1460 THRU 1490 REF TO ST READ SC & REF TO ED5D872-30, G1 ADDED. ED5D518-30 G22 CHGED TO REPL:ED5D518-30 G22. GRPH SHTS B3,B5,B6, & B8 CA CC READ 105542054. GRPH SHTS B9,B10, & B11 REF TO GRP'S 15 THRU 18,70,151,152,165,182,183,186,189,190,191.192,339,340, 530,531, & 540 ADDED; REF TO GRP'S 19,153,166,173,175, & 341 RMV'D. IN S/L ITEMS 2000,2300,2400, & 2700 READ ED5D518-30, G22. MISC TBL OC-3/OC-12 REF TO GRP'S 15 THRU 18,70,151,152,165,182, 183,185,186,189,190,191,192,194,195,196,339,340,530,531,535,536, 537,540, & 542 ADDED; REFER TO GRP'S 19,153,158,166,173,175,179, 180,341,353,356,361, & 374 RMV'D. ORIG ISS: 10/30/97 CHANGE CLASS: ME DRAFT: JJW ENGR: JJW SUPV: PK CERTIFIED: 06/07/00 ISSUE: 8				

ISSUE NOTES				
ORIG ISS: 10/30/97 NDD NBR: NDD5D003NW-821 CHANGE CLASS: NEW DRAFT: WJV ENGR: WJV SUPV: PK CERTIFIED: 10/30/97 ISSUE: 1 (H8111) TAG (TRCU3) ADDED GROUPS 20 THROUGH 27 TO THE CONNECTORIZED CABLE TABLE, ITEMS 1200 THROUGH 1490, TO STOCKLIST ITEM NUMBERS 2000 THROUGH 2700, TO ENGINEERING NOTE 51, AND TO MISC. TABLE B1, AND TO TABLE A. ADDED NON-LUCENT TO ITEMS 1240-1270 AND 1420-1435 IN THE CONNECTORIZED CABLE TABLE. ADDED ENGINEERING NOTE 54 REFERENCING GROUPS 22 AND 26. ADDED ENGINEERING NOTE 55 REFERENCING GROUPS 21 AND 25. ADDED MISCELLANEOUS TABLE C1 WHICH REFERENCES GROUP 20. ADDED MISCELLANEOUS TABLE N5 WHICH REFERENCES GROUPS 20, 24, AND 23. ADDED MISCELLANEOUS TABLE N6 WHICH REFERENCES GROUP 27. ADDED MISCELLANEOUS TABLE A2 TO INCLUDE GROUPS 20 THROUGH 27. ORIG ISS: 10/30/97 NDD NBR: NDD5D003NW-825 CHANGE CLASS: B DRAFT: GLG ENGR: GLG SUPV: PK CERTIFIED: 08/06/98 ISSUE: 2 (H8111) ADDED MISC. TABLE N7 AND ENGINEERING NOTE 56 AND REFERENCED IT TO THE CONNECTORIZED CABLING SECTION ITEMS 1460-1490. ADDED 'SM//,LTP//, TRCU3// OR SMC//' TO GROUP 27 IN THE CONNECTORIZED CABLING SECTION ITEMS 1460-1490. ORIG ISS: 10/30/97 NDD NBR: NDD5D003NW-825 CHANGE CLASS: B DRAFT: GLG ENGR: GLG SUPV: PK CERTIFIED: 09/03/98 ISSUE: 3 ***** TAG TRCU3 (GLG) ***** (H8560)ADDED G28-33 TO ENG NOTE 51;G30 READ ED8C724-20; MOD TBL A, G23 CHNGD 'HOST' TO 'REMOTE OFFICE'; MOD G21, ADDED 'GROUP 33 FOR FS2E-SC...LGX END'; MOD G20, WAS 'ST' CONN; MOD G22, RMVD 'NRTO' ADD 'CLASSIC CONFIGURATION'; MOD G23, READ 'HOST OFFICE';READ 'ST' CONNECTOR; MOD G25, ADDED 'OR REMOTE', ADDED 'GROUP 33 FOR ...LGX END'; MOD G26, ADDED 'OR REMOTE', ADDED 'AT TRCU3...LGX END.' MOD G27, ADDED 'REMOTE'; ADDED G28-33. MOD CONN CBL TBL: ADDED 'LTP//' TO ITEMS 1240-1300 & 1420-1455; ADDED 'SM//,LTP//,SMC//' TO ITEMS 1310-1370 & 1500-1530 AND REF NOTE 56. IN S/L ADDED ITEM 2800; IN MISC TBL B1, ADDED G33; IN GRPH SHTS ADDED G33 TO B4 & B7; IN B5, RMVD 'MISC() CABINET'. IN B3, FIG 3 AND B6, FIG 8 WAS 'JL101(XMT1 AND RCV1), JL102(XMT2 AND RCV2), JL103(XMT1 AND RCV1), JL104(XMT2 AND RCV2) IN B8, MOD EQL'S ON TRCU3 SIDE; IN B9, ADDED G30-G32; IN B11, ADDED G28; IN B10, DELETED MSIC DESCRIPT CBL SECT; MISC TBL A2, ADDED G33, RMVD 'BICONGONIC'; MISC TBL OC-3/OC-12, FROM FIG 6A,RMVD G339-340, FIG 6, G29-30; G151-152,G397, FIG 9, G389-391,G351,G354. MISC TBL N4, MISSING EQL DROP LENGTH ADDED; ORIG ISS: 10/30/97 CHANGE CLASS: B DRAFT: GLG ENGR: GLG SUPV: PK CERTIFIED: 07/13/99 ISSUE: 4 ***** TAG H8560 (GLG) ***** (H8560) MOD ENG NOTE 51, G30 REF'D ED8C724-20 MOD TO ED8C727-20; AND ADDED ORDERING NOTE FOR G28-32. ORIG ISS: 10/30/97 CHANGE CLASS: B DRAFT: GLG ENGR: GLG SUPV: PK CERTIFIED: 08/06/99 ISSUE: 5				

SHEET INDEX											
SHT NBR	A1 THRU A9 ISSUE 11										
ISSUE											
SHT NBR	D1 THRU D6 ISSUE 11										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	8	8	11	11	11	11	11	8	10	10	
SHT NBR											
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BT13

OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE
C2

ISSUE
11

LUCENT TECHNOLOGIES INC ED5D518-11 SHEET A1 OF 26

ED5D518-11

ENGINEERING NOTES

***** CONTINUED *****

LENGTH	GROUP NO.
50FT	ED8C724-22, G15
75FT	ED8C724-22, G16
100FT	ED8C724-22, G17
125FT	ED8C724-22, G18
125FT	ED8C724-22, G28
	E/W FEMALE CONN
250FT	ED8C724-22, G70

150FT	ED8C727-20, G165
300FT	ED8C727-20, G186

100FT	ED8C727-20, G151
300FT	ED8C727-20, G152

150FT	ED8C727-20, G182
450FT	ED8C727-20, G183

100FT	ED8C724-20, G339
300FT	ED8C724-20, G340

150FT	ED8C724-20, G530
450FT	ED8C724-20, G531

58. TRCU3'S ARE EQUIPPED IN A 5ESS ISOLATED SINGLE POINT GROUND PLANE AND SHOULD NOT HAVE DIRECT CONNECTIONS TO BUILDING'S INTEGRATED GROUNDING SYSTEM EXCEPT AT A SINGLE POINT LOCATION OR GROUND WINDOW.
 AS AN OPTIONAL FEATURE, TRCU3'S CAN PROVIDE A CABLE INTERFACE TO A TRANSMSSION OPERATING SYSTEM (OS) FOR REPORTING ALARM MAINTENANCE INFORMATION TO AN OS. A TRANSMSSION OS IS LOCATED OUTSIDE THE 5ESS SINGLE POINT GROUND WINDOW.
 ED5D518-11, G34 PROVIDES A SPECIAL CABLE ASSEMBLY WITH THE NECESSARY GROUND ISOLATION BETWEEN THE TRCU3 AND A TRANSMISSION OS. THE GROUND ISOLATION IS REQUIRED SINCE THE TRANSMISSION OS IS LOCATED OUTSIDE THE 5ESS SINGLE POINT GROUND WINDOW.
 THE CABLE TERMINATES TO CONNECTOR J45 ON THE TRCU3 BACKPLANE AND THEN DIRECTLY TO THE TRANSMISSION OS. IN SOME INSTANCES A CONNECTOR GENDER ADAPTER MAY BE NEEDED AT THE OS END. THE CABLE CAN BE ORDERED OUT UP TO LENGTHS TO 1000 FEET AND IS JOB ENGINEERED (X-DIMENSIONED). THE VENDOR IS APPLIED INNOVATIONS, VENDORS PART# CAB496, CC# 408446128. ORDER FROM CABLE DRAWING ED5D518-11, G34.

ENGINEERING NOTES

51. THIS DRAWING CONTAINS ENGINEERING INFORMATION FOR ORDERING ALL 5ESS NO.5 INTERCABINET OPTIC FIBER CABLES. INFORMATION SHALL BE RECORDED BY LIST OR GROUP.

GRP	EQUIPMENT
16	SM CO 62.5 MICRON OPTIC FIBER FROM MCTU3 TO CM1(TMS0/1)
20	62.5 MICRON OPTIC FIBER FROM TRCU3 TO CM2
21	8.30 MICRON OPTIC FIBER FROM TRCU3 TO LIGHT GUIDE CROSS CONNECT NON LUCENT LGX, WITH NCT LINKS.
22	8.30 MICRON OPTIC FIBER FROM TRCU3 TO LIGHT GUIDE CROSS CONNECT LUCENT LGX, WITH NCT LINKS
23	62.5 MICRON OPTIC FIBER FROM REMOTE TRCU3 TO MCTU3
24	62.5 MICRON OPTIC FIBER FROM HOST TRCU3 TO CM2
25	8.30 MICRON OPTIC FIBER FROM HOST TRCU3 TO LIGHT GUIDE CROSS CONNECT NON LUCENT LGX, WITH NCT2 LINKS
26	8.30 MICRON OPTIC FIBER FROM HOST TRCU3 TO LIGHT GUIDE CROSS CONNECT LUCENT LGX, WITH NCT2 LINKS
27	62.5 MICRON OPTIC FIBER FROM TRCU3 TO TSIU4(2)
33	8.3 MICRON OPTIC FIBER FROM HOST AND REMOTE CROSS CONNECT TO LGX WITH ST2+ ON TRCU3 END AND FS2E-SC CONNECTOR ON LGX END.

FOR GROUPS 28-32, THESE GROUPS ARE TO BE PURCHASED THROUGH MERRIMAC VALLEY AS FOLLOW, USING THE ED8C* NUMBER AND GROUPS.

28	TRCU3/DDM2000, OC3/OC12 CABLE, REF. DRW ED8C724-22, G15, G16, G17, G18, OR G70
29	TRCU3/DDM2000, OC3/OC12 CABLE, REF. DRW ED8C724-22, G28
30	TRCU3/DDM2000, OC3/OC12 CABLE, REF. DRW ED8C727-20, G165 OR 186
31	TRCU3/DDM2000, OC3/OC12 CABLE, REF. DRW ED8C727-20, G151, G152, G182 OR 183
32	TRCU3/DDM2000, OC3/OC12 CABLE, REF. DRW ED8C724-20, G339, G340, G530 OR G531

52. CONNECT THE LIGHTGUIDE CABLE IN ACCORDANCE WITH ED5D518-11.
53. PROVIDE OPTIC FIBER CABLE SPOOLS FOR EXCESS CABLE IN ACCORDANCE WITH ED5D518-10
54. 8.3 MICRON FIBER OPTIC TRANSMIT CABLE ORDERED PER GROUP 22 AND 26 IS MANUFACTURED AS A DOUBLE ENDED CABLE, EQUIPPED WITH CONNECTOR AT BOTH ENDS. SINCE THE REQUIREMENT FOR THIS CABLE SPECIFIES CONNECTOR ONLY AT TRCU3 END USING ST2+ CONNECTOR.
(LGX END WILL BE EQUIPPED PER ENG SPEC BY CUSTOMER)
55. 8.3 MICRON FIBER OPTIC TRANSMIT CABLE ORDERED PER GROUP 21 AND 25 IS MANUFACTURED AS A DOUBLE ENDED CABLE, SINCE THE REQUIREMENT FOR THIS CABLE SPECIFIES CONNECTOR ONLY AT TRCU3 END (LGX END IS STUB ENDED. PER ENG SPEC LGX CONNECTOR TERMINATION TO BE PROVIDED BY CUSTOMER.)
56. IN THE FIRST TRCU3, THE FIRST 4 POSITIONS (EQL 43, 51, 69 & 67) ARE USED FOR A COMPLETE DUPLEXED NCT(2) LINK.
 A SECOND TRCU3, AS PART OF THE SAME SM, THE FIRST 4 POSITIONS ARE USED FOR AN ADDITIONAL COMPLETE DUPLEXED NCT(2) LINK.
 THE LAST 2 POSITIONS (EQL 75 & 83) OF THE FIRST TRCU3 IN COMBINATION WITH THE LAST 2 POSITIONS OF THE SECOND TRCU3 CAN BE USED FOR ADDITIONAL COMPLETE DUPLEXED NCT(2) LINK. TWO FULLY EQUIPPED TRCU3 CAN PROVIDE UP TO THREE COMPLETE DUPLEXED NCT(2) LINKS.

CABLE DESIG	1ST TRCU3		2ND TRCU3	
	JL101	JL103	JL102	JL104
NCT	TX/RX	TX/RX	TX/RX	TX/RX
LINKS	SIDE 1	SIDE 2	SIDE 1	SIDE 2
J5D00 3EF-1	075-TX/RX	083-TX/RX	075-TX/RX	083-TX/RX

SEE MISC. TABLES N6 AND N7 FOR TSIU4 AND TSIU4-2 PORT ASSIGNMENTS.

57. LINE ENGINEER PROVIDES THE LENGTH IN THE FORM CABLE SPECIFICATIONS. ED AND GR PROVIDED FOLLOWING IS FOR A LENGTH OF CABLE.

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ISSUE NOTES (CONTINUED)

(H09188)
 CONNECTORIZED CABLING: ITEMS 1200-1230, 1310, 1340, 1350, 1370-1410 AND 1470-1490, CABLE CODE READ "107132706"; ITEMS 1240, 1250, 1280, 1290, 1425, 1440, 1445, 1500 AND 1510, CABLE CODE READ "LQMC-002B-SRX"; DELETED ITEMS 1260, 1270, 1295 AND 1300.

MISCELLANEOUS TABLES: TABLE A2, FOR ALL GROUPS, MODIFIED "ASSY DOC" COLUMN TO REFLECT NEW CODES; FOR GROUPS 21, 22, 25, 26 AND 33, MODIFIED "CA DESIG" COLUMN TO REFLECT NEW CABLE IDENT NUMBERS.
 (ISSUE INCORPORATES CHANGES REQUESTED BY AR #279210)

GRAPHIC SHEETS: MODIFIED SHEETS B3-B8 TO REFLECT NEW CABLE CODES.

ORIG ISS: 10/30/97

CHANGE CLASS: ME

DRAFT: MDK	ENGR: MDK	SUPV: PK	CERTIFIED: 11/17/00	ISSUE: 11
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BT13
 OPTIC FIBER
 INTERCABINET CABLING
 FOR
 MCTU3 TO CM1
 AND
 TRCU3 FOR CLASSIC
 AND SM2000
 5ESS * SWITCH
 *LUCENT TRADEMARK

DWG SIZE
 C2

ISSUE
 11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET A2
 OF 26

TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
62.5 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR 982TRC AND 982TRS TYPE CONNECTORS) REQUIRED FOR EACH SWITCHING MODULE IN MULTI-MOD OFFICE WHEN SMC IS E/W MCTU3 (J5D003LB) CONNECTED TO A CML(SEE FIG'S 1 AND 2) SEE TBL E1 FOR PORT ASSIGNMENTS SEE TBL EA AND EB FOR DROP DIM. ON CML. DA EFF:03/06/00 FE:ED5D872-11,G13		DA	16								
62.5 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR BNP-1 & BNP2 CP) REQUIRED FOR TRCU3 (J5D003EF-1) IN MISC CABINET LOCATED IN A HOST OFFICE ONLY WITH A CM2. (SEE TABLE N4 FOR DUAL FABRIC AND N5 FOR SINGLE FABRIC PORT ASSIGNMENTS. TO BE USED WITH ST CONNECTORS WITH MULTI-MODE CABLES. SEE FIG 3.			20								
8.3 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR 22G4-U & 24G2-U) REQUIRED FOR TRCU3 (J5D003EF-1) FOR CLASSIC CONFIG. FIBER OPTIC CABLES EXITING A HOST OR REMOTE OFFICE CONNECTED TO A LIGHT GUIDE CROSS CONNECT (LGX). SINGLE MODE FIBER USING ST2+ TYPE CONNECTORS. SEE FIG 4 WHEN LUCENT LGX IS SPECIFIED SEE GROUP 22 OR GROUP 33 FOR FS2E-SC CONNECTOR TERMINATING AT LGX END			21								
8.3 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR 22G4-U & 24G2-U) REQUIRED FOR TRCU3 FOR CLASSIC CONFIGURATION. FIBER OPTIC CABLES EXITING A HOST OR REMOTE OFFICE CONNECTED TO A LIGHT GUIDE CROSS CONNECT (LGX). SINGLE MODE FIBER USING ST2+ TYPE CONNECTORS AT TRCU3 END AND AT LGX END. SEE FIG. 4.			22								
62.5 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR BNP-1 & BNP2 CP) REQUIRED FOR TRCU3 (J5D003EF-1) LOCATED IN A REMOTE OFFICE WITH AN MCTU3. (SEE TABLE N4 FOR DUAL FABRIC AND N5 FOR SINGLE FABRIC PORT ASSIGNMENTS.) TO BE USED WITH MULTIMODE CABLE WITH ST2+ CONNECTORS. SEE FIG 5			23								
62.5 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR BKF1 & BNP2 CP) REQUIRED FOR TRCU3 (J5D003EF-1) IN MISC CABINET LOCATED IN A HOST OFFICE ONLY WITH A CM2. (SEE TABLE N4 FOR DUAL FABRIC AND N5 FOR SINGLE FABRIC PORT ASSIGNMENTS. USING MULTI-MODE CABLE WITH ST CONNECTORS. SEE FIG 8			24								
8.3 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR 22G4-U OR 24G2-U OLIU CP) TERMINATING TO TRCU3 (J5D003EF-1) FOR EXM2000 APPLICATION. USING SINGLE MODE FIBER WITH ST2+ CONNECTORS AT TRCU3 END WITH A STUB END AT LGX. SEE FIG. 11 WHEN LUCENT LGX IS SPECIFIED, SEE GROUP 26 OR GROUP 33 FOR FS2E-SC CONNECTOR TERMINATING AT LGX END. REPL:NONE			25								

TABLE-A CONTINUED

ED5D518-11

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
8.3 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR 22G4-U OR 24G2-U OLIU CP) TERMINATING TO TRCU3 (J5D003EF-1) FOR EXM2000 APPLICATION. USING SINGLE MODE FIBER WITH ST2+ CONNECTOR AT TRCU3 END AND AT LGX END. REPL:NONE			26								
62.5 MICRON LIGHTGUIDE CABLE ASSEMBLIES (FOR BKD1 & BNP2 CP) REQUIRED FOR TRCU3 (J5D003EF-1) LOCATED IN A REMOTE OFFICE WITH NCT2 FIBER LINKS SEE TBL N6 AND N7 OR PORT ASSIGNMENTS USING MULTIMODE CABLE WITH ST CONNECTORS. SEE FIG 12			27								
INTERFACE TO THE TRCU3/DDM-2000 OC3/OC12 SHELF ASSY E/W MALE CONNECTOR FOR LOCAL AREA NETWORK CKT. CABLE, MAX OF ONE PER SHELF. (SEE MISC TBL OC-3/OC-12) REPL:NONE	51 57		28								
INTERFACE TO THE TRCU3/DDM-2000 OC3/OC12 SHELF ASSY E/W FEMALE CONNECTOR FOR LOCAL AREA NETWORK CKT. CABLE, MAX. OF ONE PER SHELF. (SEE MISC TBL OC-3/OC-12) REPL:NONE	51 57		29								
Q3/X.25 INTERFACE TO THE TRCU3/DDM-2000 OC-12 SHELF ASSY USING 811AS TYPE CABLE. MAX OF ONE PER SHELF ASSY NOT TERMINATED AT ENDS. SEE FIG. 10 (SEE MISC TBL OC-3/OC-12) REPL:NONE FE:ED5D518-11,G34	51 57	DA	30								
INTERFACE FOR DS1 TIMING REF. INPUT, USING 22GA BF INDIVIDUALLY SHIELDED WIRE MAX 1 PER TRCU3/DDM-2000 OC-12 SHELF ASSY. SEE FIG. 6 AND 6A (SEE MISC TBL OC-3/OC-12) REPL:NONE	51 57		31								
INTERFACE FOR DS1 TIMING REFER INPUT, USING 22GA BF INDIVIDUALLY SHIELDED WIRE. ALSO USED TO INTERFACE THE DS1 OUTPUT TO A BITS TIMING REF MAX 2 PER TRCU3/DDM-2000 SHELF ASSY SEE FIG. 6A (SEE MISC TBL OC-3/OC-12) REPL:NONE	51 57		32								

TABLE-A CONTINUED

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BT13
OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CML
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE C2
ISSUE 11

LUCENT TECHNOLOGIES INC ED5D518-11 SHEET A3 OF 26

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
8.3 MICRON LIGHTGUIDE CABLE ASSEMBLY (FOR 22G4-U OR 24G2-U OLIU CP) TERMINATING TO REMOTE TRCU3 (J5D003EF-1) WITH EXM2000 CONFIG. OR CLASSIC CONFIG. IN MISC CABINET LOCATED IN A HOST OR REMOTE OFFICE, USING SINGLE MODE FIBER WITH ST2+ CONNECTORS ON THE TRCU3 END AND CONNECTING TO LGX WITH FS2E-SC CONNECTORS. SEE FIG. 4 REPL:NONE			33								
TRCU3 ALARM CABLE (X.25). REQUIRED FOR REPORTING ALARM MAINTENANCE INFORMATION TO A TRANSMISSION OPERATING SYSTEM (OS). ORDERABLE IN LENGTHS UP TO 1000'. SEE FIGURE 13. (X-DIMENSION) REPL:ED5D518-11,G30	58		34								
END OF TABLE-A											

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BT13

OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE C2 ISSUE 11

ED5D518-11

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SHEET A4 OF 26

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CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS	
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH					WIRING DIAGRAM
1000	16	1	JL101	105435291	X-DIM	SM// SMC // MCTU3	128- 084 OR 145- 084	332	R	5-1 OR 3-8	SD5D160-01		TMS0	/ /- / /	/ /		SEE TBL EA	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 19 XMT SEE TBL E1 FOR PORT ASGNT.
1010	16	1	JL103	105435309	X-DIM	SM// SMC // MCTU3	128- 084 OR 145- 084	345	R	5-1 OR 3-8	SD5D160-01		TMS0	/ /- / /	/ /		SEE TBL EA	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 20 REC SEE TBL E1 FOR PORT ASGNT.
1020	16	1	JL105	105435291	X-DIM	SM// SMC // MCTU3	128- 084 OR 145- 084	313	R	5-1 OR 3-8	SD5D160-01		TMS0	/ /- / /	/ /		SEE TBL EA	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 19 XMT SEE TBL E1 FOR PORT ASGNT.
1030	16	1	JL107	105435309	X-DIM	SM// SMC // MCTU3	128- 084 OR 145- 084	300	R	5-1 OR 3-8	SD5D160-01		TMS0	/ /- / /	/ /		SEE TBL EA	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 20 REC SEE TBL E1 FOR PORT ASGNT.
1040	16	1	JL102	105435291	X-DIM	SM// SMC // MCTU3	128- 176 OR 145- 176	332	R	5-1 OR 3-8	SD5D160-01		TMS1	/ /- / /	/ /		SEE TBL EB	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 19 XMT SEE TBL E1 FOR PORT ASGNT.
1050	16	1	JL104	105435309	X-DIM	SM// SMC // MCTU3	128- 176 OR 145- 176	345	R	5-1 OR 3-8	SD5D160-01		TMS1	/ /- / /	/ /		SEE TBL EB	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 20 REC SEE TBL E1 FOR PORT ASGNT.
1060	16	1	JL106	105435291	X-DIM	SM// SMC // MCTU3	128- 176 OR 145- 176	313	R	5-1 OR 3-8	SD5D160-01		TMS1	/ /- / /	/ /		SEE TBL EB	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 19 XMT SEE TBL E1 FOR PORT ASGNT.
1070	16	1	JL108	105435309	X-DIM	SM// SMC // MCTU3	128- 176 OR 145- 176	300	R	5-1 OR 3-8	SD5D160-01		TMS1	/ /- / /	/ /		SEE TBL EB	SD5D147-01		1	52 53	FORM PER ED5D518-30 G 20 REC SEE TBL E1 FOR PORT ASGNT.
1200	20	1	JL101	MC002CLR	X-DIM	M/ / TRCU3 / /	/ /- 043						CM2 /SIDE 0/	/ /- / / / /- / /	/ /	L	SEE TBL C1	SD-7C510-01 SD-5D555-01		1		FORM PER ED5D872-30 G 1 RX/TX SIDE '0' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1210	20	1	JL103	MC002CLR	X-DIM	M/ / TRCU3 / /	/ /- 059						CM2 /SIDE 0/	/ /- / / / /- / /	/ /	L	SEE TBL C1	SD-7C510-01 SD-5D555-01		1		FORM PER ED5D872-30 G 1 RX/TX SIDE '0' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1220	20	1	JL102	MC002CLR	X-DIM	M/ / TRCU3 / /	/ /- 051						CM2 /SIDE 1/	/ /- / / / /- / /	/ /	L	SEE TBL C1	SD-7C510-01 SD-5D555-01		1		FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-11,G1

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BT13
OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE
C2

ISSUE
11

ED5D518-11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET A5
OF 26

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS	
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH					WIRING DIAGRAM
1230	20	1	JL104	MC002CLR	X-DIM	M / / TRCU3 / /	/ / - 067	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		CM2 /SIDE 1/	/ / - / / / / - / /	L	SEE TBL C1	SD-7C510-01 SD-5D555-01		1		FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22	
1240	21	1	JL105	LGMC-002B-SRX	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRUC3 / / REM	/ / - 027	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 1/NON-LUCENT				SD-7C510-01 SD-5D555-01		1	51 55	FORM PER ED5D518-30 G 24 RX/TX SIDE '1' SINGLE MODE FIBER OPTIC INTERCONNECT CABLE	
1250	21	1	JL106	MC002CSR	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRUC3 / / REM	/ / - 035	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 2/NON-LUCENT				SD-7C510-01 SD-5D555-01		1	51 55	FORM PER ED5D518-30 G 24 RX/TX SIDE '2' SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,	
1280	22	1	JL109	MC002CSR	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRUC3 / / REM	/ / - 027	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 1/				SD-7C510-01 SD-5D555-01		1	54	FORM PER ED5D518-30 G 23 RX/TX SIDE '1' SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,	
1290	22	1	JL110	MC002CSR	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRUC3 / / REM	/ / - 035	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 2/				SD-7C510-01 SD-5D555-01		1	54	FORM PER ED5D518-30 G 23 RX/TX SIDE '2' SC MULTIMODE FIBER OPTIC INTERCONNECT CABLE,	
1310	23	1	JL101	MC002CLR	X-DIM	MISC / / TRCU3 / /OR SM / / LTP / / TRUC3 / / OR SMC / /	/ / - 043	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / MCTU3 / / SIDE 1	128- 084 OR 145 084	332	L	5-1 OR 3-8	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1340	23	1	JL103	MC002CLR	X-DIM	MISC / / TRCU3 / /OR SM / / LTP / / TRUC3 / / OR SMC / /	/ / - 059	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / MCTU3 / / SIDE 1	128- 084 OR 145- 084	300	L	5-1 OR 3-8	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22

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TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE
C2

ISSUE
11

ED5D518-11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET A6
OF 26

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS	
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH					WIRING DIAGRAM
1350	23	1	JL102	107132706	X-DIM	MISC/ / TRCU3 //OR SM// LTP// TRCU3// OR SMC//	/ / -	TX	R	SEE	SD-7C510-01		SM/ /	128-	332	L	5-1	SD-7C510-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '2' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1370	23	1	JL104	MC002CLR	X-DIM	MISC/ / TRCU3 //OR SM// LTP// TRCU3// OR SMC//	/ / -	TX	R	SEE	SD-7C510-01		SM/ /	128-	300	L	5-1	SD-7C510-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '2' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1380	24	1	JL101	MC002CLR	X-DIM	M/ / TRCU3 / /	/ / -	TX	R	SEE	SD-7C510-01		CM2 / /	/ /	L	SEE	SD-7C510-01		1			FORM PER ED5D872-30 G 1 RX/TX SIDE '0' ST MULTIMODE FIBER OPTIC INTERCONNECT SEE TABLE N4 (DAUL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1390	24	1	JL103	MC002CLR	X-DIM	M// TRCU3 / /	/ / -	TX	R	SEE	SD-7C510-01		CM2 / /	/ /	L	SEE	SD-7C510-01		1			FORM PER ED5D872-30 G 1 RX/TX SIDE '0' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1400	24	1	JL102	MC002CLR	X-DIM	M/ / TRCU3 / /	/ / -	TX	R	SEE	SD-7C510-01		CM2 / /	/ /	L	SEE	SD-7C510-01		1			FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1410	24	1	JL104	MC002CLR	X-DIM	M/ / TRCU3 / /	/ / -	TX	R	SEE	SD-7C510-01		CM2 / /	/ /	L	SEE	SD-7C510-01		1			FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, SEE TABLE N4 (DUAL FABRIC), N5 (SINGLE FABRIC) FOR PORT ASSIGNMENTS REPL:ED5D518-30,G22
1420	25	1	JL101	MC002CSR	X-DIM	M/ / TRCU3 / /HOST OR SM/ / SMC/ / OR LTP/ / TRCU3 / /REM	/ / -	TX	R	SEE	SD-7C510-01		LGX / /				SD-7C510-01		1	51 55		FORM PER ED5D872-30 G 24 RX/TX SIDE '1' SC SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,
1425	25	1	JL102	MC002CSR	X-DIM	M/ / TRCU3 / /HOST OR SM/ / SMC/ / OR LTP/ / TRCU3 / /REM	/ / -	TX	R	SEE	SD-7C510-01		LGX / /				SD-7C510-01		1	51 55		FORM PER ED5D518-30 G 24 RX/TX SIDE '2' SC SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,

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SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE
C2

ISSUE
11

ED5D518-11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET A7
OF 26

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS	
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH					WIRING DIAGRAM
1440	26	1	JL105	MC002CSRX	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRCU3 / / / REM	/ / - 027	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 1/						1	54	FORM PER ED5D518-30 G 23 RX/TX SIDE '1' SC SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,	
1445	26	1	JL106	MC002CSRX	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRCU3 / / / REM	/ / - 035	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 2/					1	54	FORM PER ED5D518-30 G 23 RX/TX SIDE '2' SC SINGLE MODE FIBER OPTIC INTERCONNECT CABLE,		
1460	27	1	JL101	MC002CLRX	X-DIM	M / / TRCU3 / /OR SM / / LTP / / TRCU3 / / OR SMC / /	/ / - 043	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / TSMU4 OR TSMU4-2 SIDE 1	/ / - / / / /	/ / - / /	L	4-0	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1470	27	1	JL102	MC002CLRX	X-DIM	M / / TRCU3 / /OR SM / / LTP / / TRCU3 / / OR SMC / /	/ / - 051	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / TSMU OR TSMU4-2 SIDE 2	/ / - / / / /	/ / - / /	L	4-0	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '2' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1480	27	1	JL103	MC002CLRX	X-DIM	M / / TRCU3 / /OR SM / / LTP / / TRCU3 / / OR SMC / /	/ / - 059	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / TSMU4 OR TSMU4-2 SIDE 1	/ / - / / / /	/ / - / /	L	4-0	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '1' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, REPL:ED5D518-30,G22
1490	27	1	JL104	MC002CLRX	X-DIM	M / / TRCU3 / /OR SM / / LTP / / TRCU3 / / OR SMC / /	/ / - 067	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		SM / / SMC / / TSMU4 OR TSMU4-2 SIDE 2	/ / - / / / /	/ / - / /	L	4-0	SD-7C510-01 SD-5D555-01		1	56	FORM PER ED5D872-30 G 1 RX/TX SIDE '2' ST MULTIMODE FIBER OPTIC INTERCONNECT CABLE, ED5D518-30,G22
1500	33	1	JL101	MC002CSRX	X-DIM	M / / TRCU3 / /HOST OR SM / / SMC / / OR LTP / / TRCU3 / / / REM	/ / - 027	TX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 1/									FORM PER ED5D518-30 G 25 RX/TX SIDE '1' SINGLE MODE FIBER OPTIC INTERCONNECT CABLE

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AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE C2
ISSUE 11

ED5D518-11

LUCENT TECHNOLOGIES INC ED5D518-11 SHEET A8 OF 26

CONNECTORIZED CABLING

ITEM	LIST OR GROUP	NBR RECD	CABLE IDENT	CABLE CODE	B DIM	FROM						TO						ROUTE	SHLD	NOTE	REMARKS
						FRAME OR UNIT	EQL	TERM	POS	DROP LGTH	WIRING DIAGRAM	FIGURE	FRAME OR UNIT	EQL	TERM	POS	DROP LGTH				
1510	33	2	JL102	MC002CSRX	X-DIM	M / TRCU3 //HOST OR SM// SMC// OR LTP// TRCU3 / / REM	/ / - 035	TX RX	R	SEE TBL B1	SD-7C510-01 SD-5D555-01		LGX /SIDE 2/								FORM PER ED5D518-30 G 25 RX/TX SIDE '2' SINGLE MODE FIBER OPTIC INTERCONNECT CABLE

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FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

BT13

DWG SIZE C2	ISSUE 11
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ED5D518-11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET OF	A9 26
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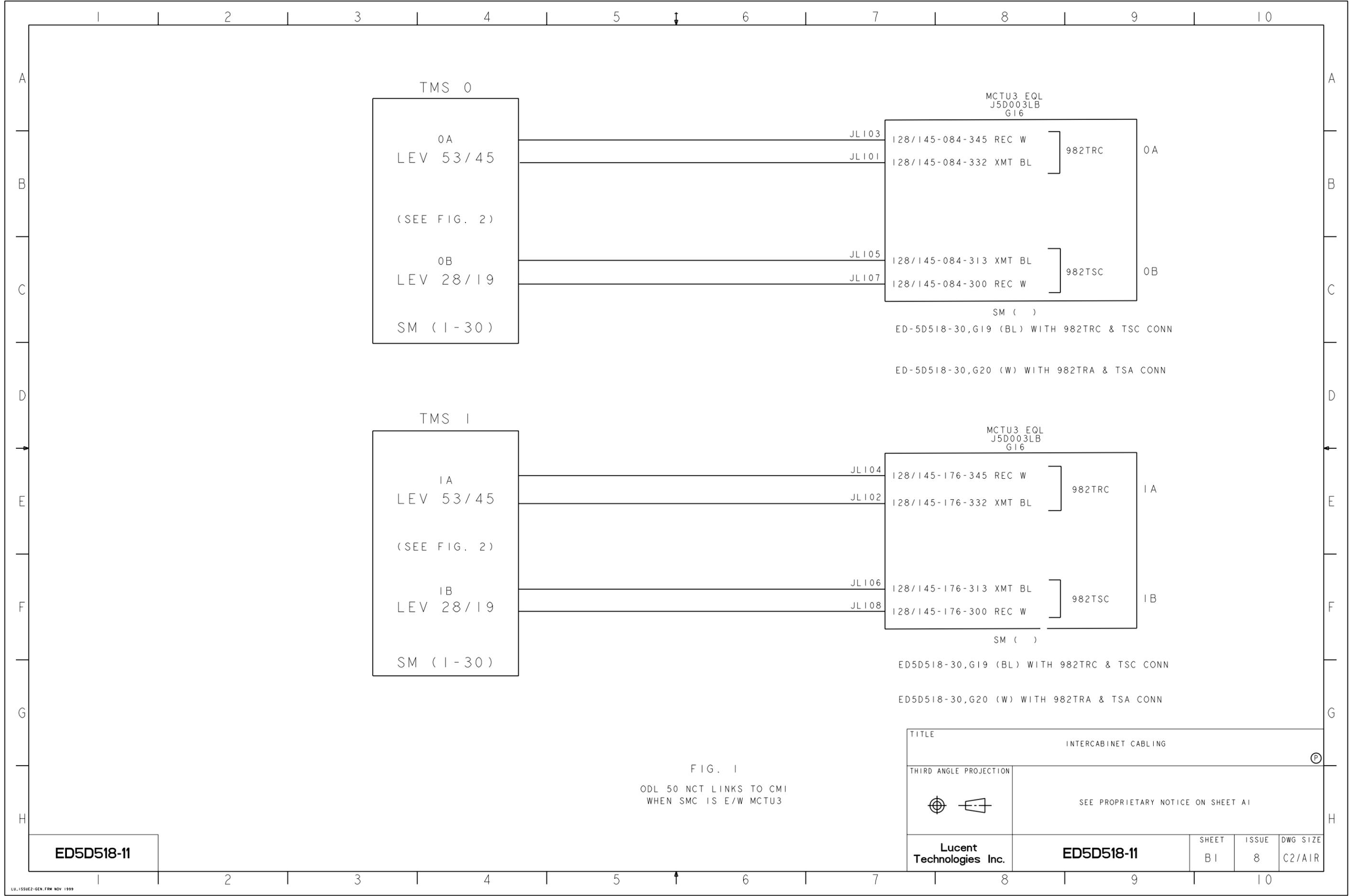


FIG. 1
 ODL 50 NCT LINKS TO CMI
 WHEN SMC IS E/W MCTU3

TITLE				INTERCABINET CABLING		(P)
THIRD ANGLE PROJECTION				SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.		ED5D518-11		SHEET	ISSUE	DWG SIZE
				B1	8	C2/A1R

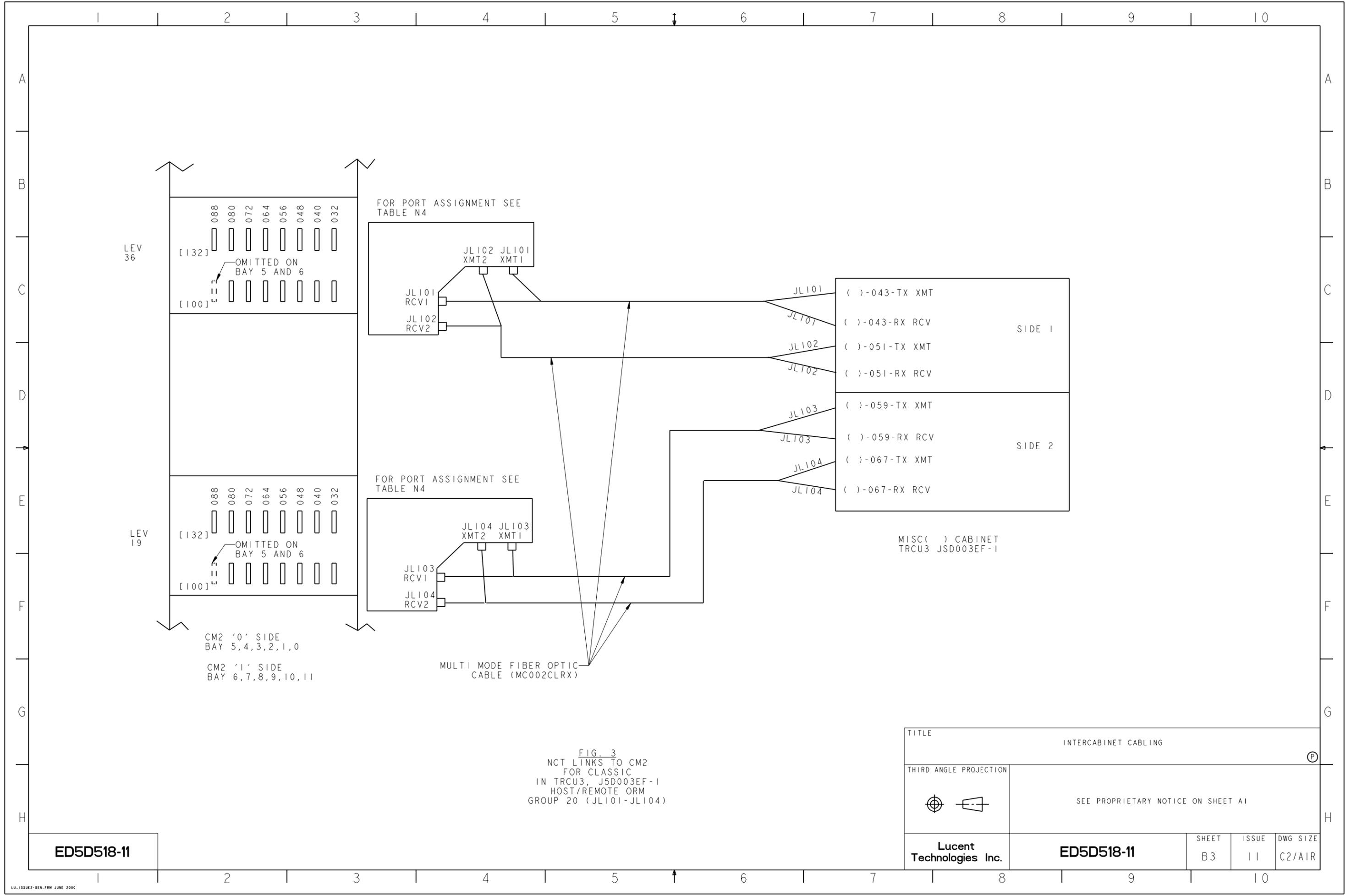
ED5D518-11

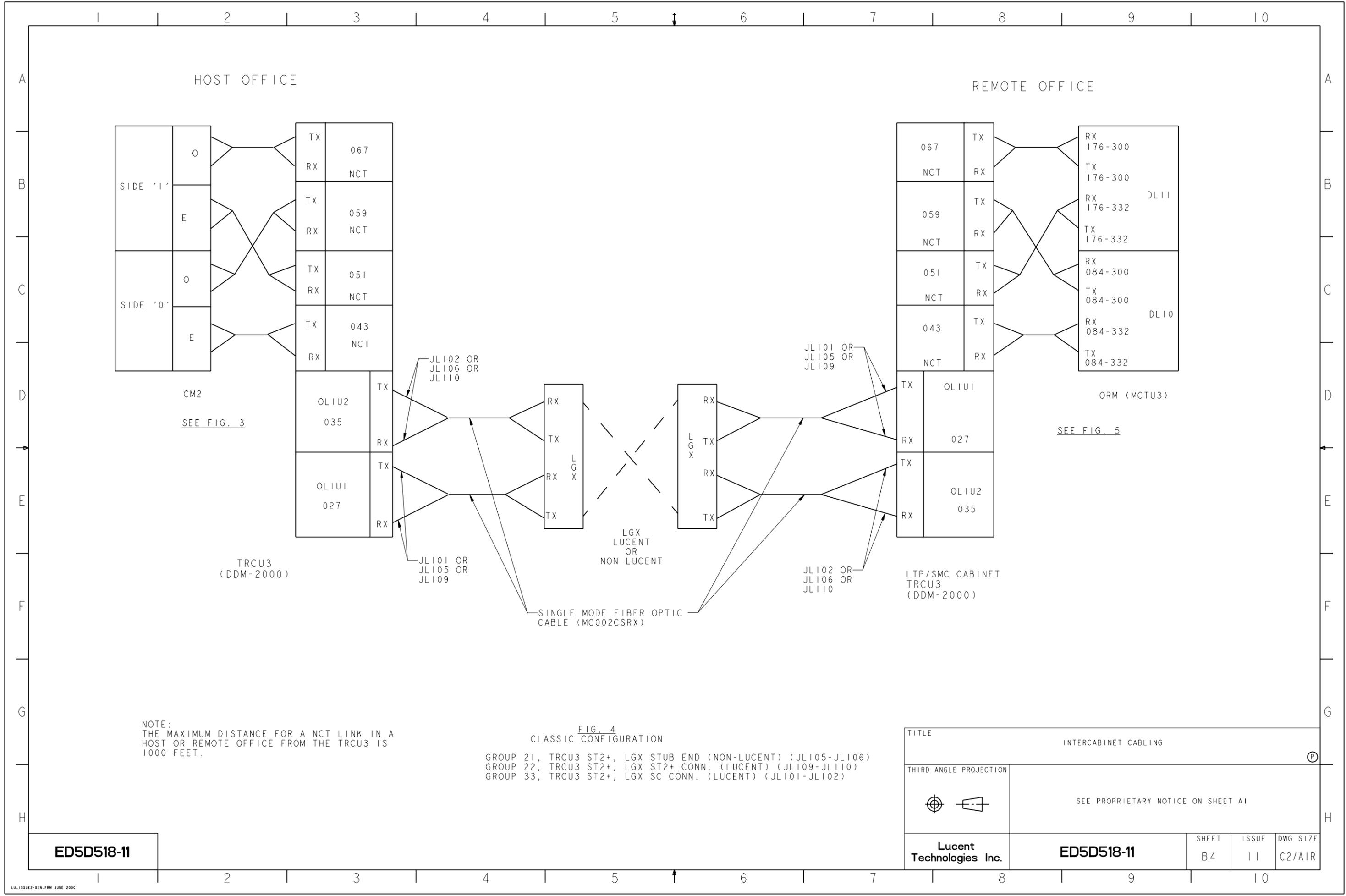
FIG. 2
PORT ASSIGNMENT FOR CMI ONLY (ED-5D518-11,G16(JL101-JL108))



ED5D518-11

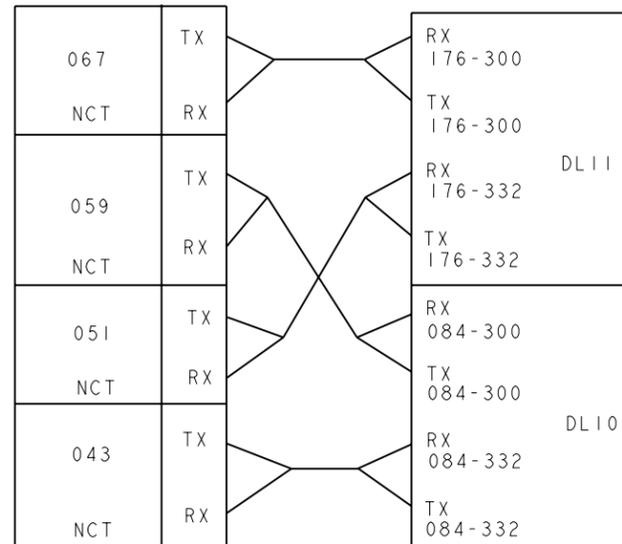
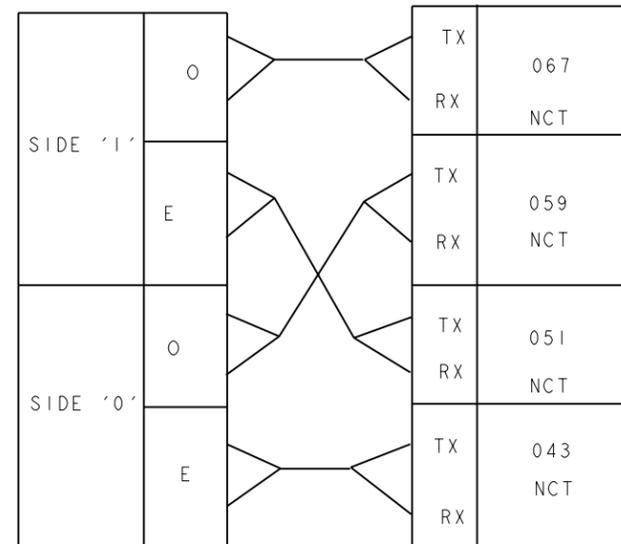
TITLE		INTERCABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D518-11	SHEET B2	ISSUE 8	DWG SIZE C2/AIR





HOST OFFICE

REMOTE OFFICE



CM2
SEE FIG. 3

ORM (MCTU3)
SEE FIG. 5

TRCU3
(DDM-2000)

LTP/SMC CABINET
TRCU3
(DDM-2000)

LGX
LUCENT
OR
NON LUCENT

SINGLE MODE FIBER OPTIC
CABLE (MC002CSRX)

NOTE:
THE MAXIMUM DISTANCE FOR A NCT LINK IN A
HOST OR REMOTE OFFICE FROM THE TRCU3 IS
1000 FEET.

FIG. 4
CLASSIC CONFIGURATION
GROUP 21, TRCU3 ST2+, LGX STUB END (NON-LUCENT) (JL105-JL106)
GROUP 22, TRCU3 ST2+, LGX ST2+ CONN. (LUCENT) (JL109-JL110)
GROUP 33, TRCU3 ST2+, LGX SC CONN. (LUCENT) (JL101-JL102)

TITLE INTERCABINET CABLING				
THIRD ANGLE PROJECTION 				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.	ED5D518-11	SHEET B4	ISSUE 11	DWG SIZE C2/AIR

ED5D518-11

REMOTE OFFICE (ORM)

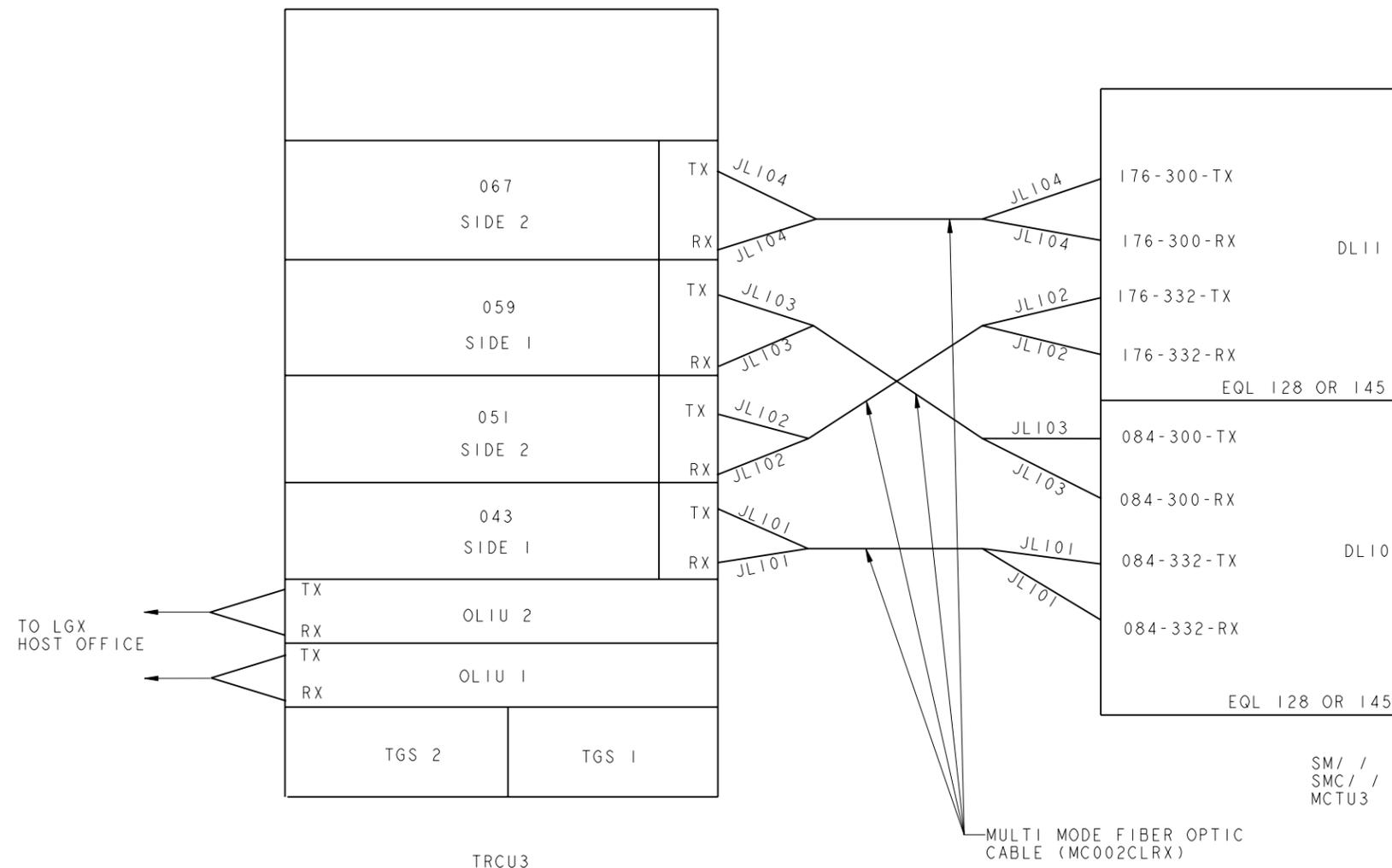
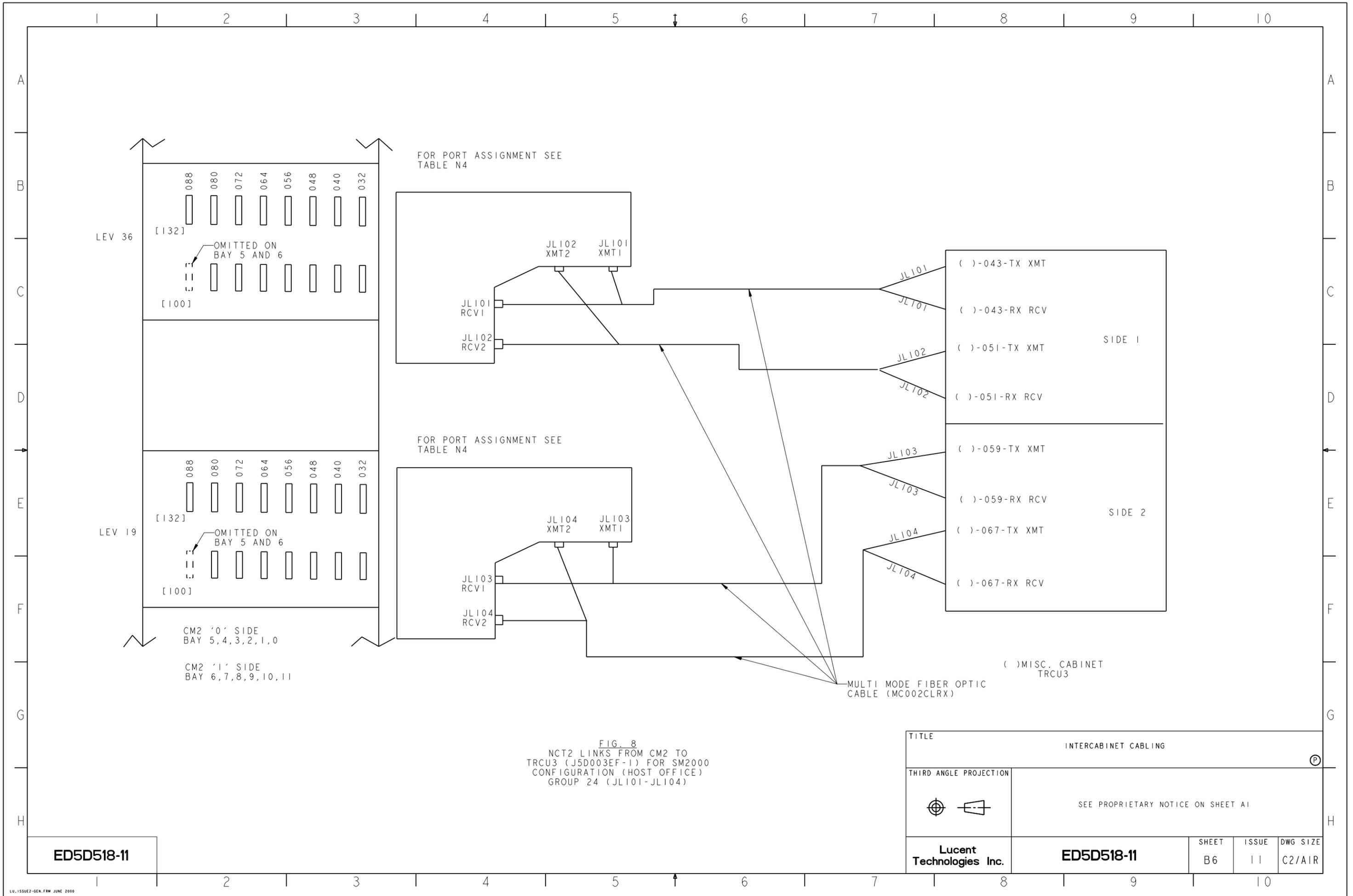
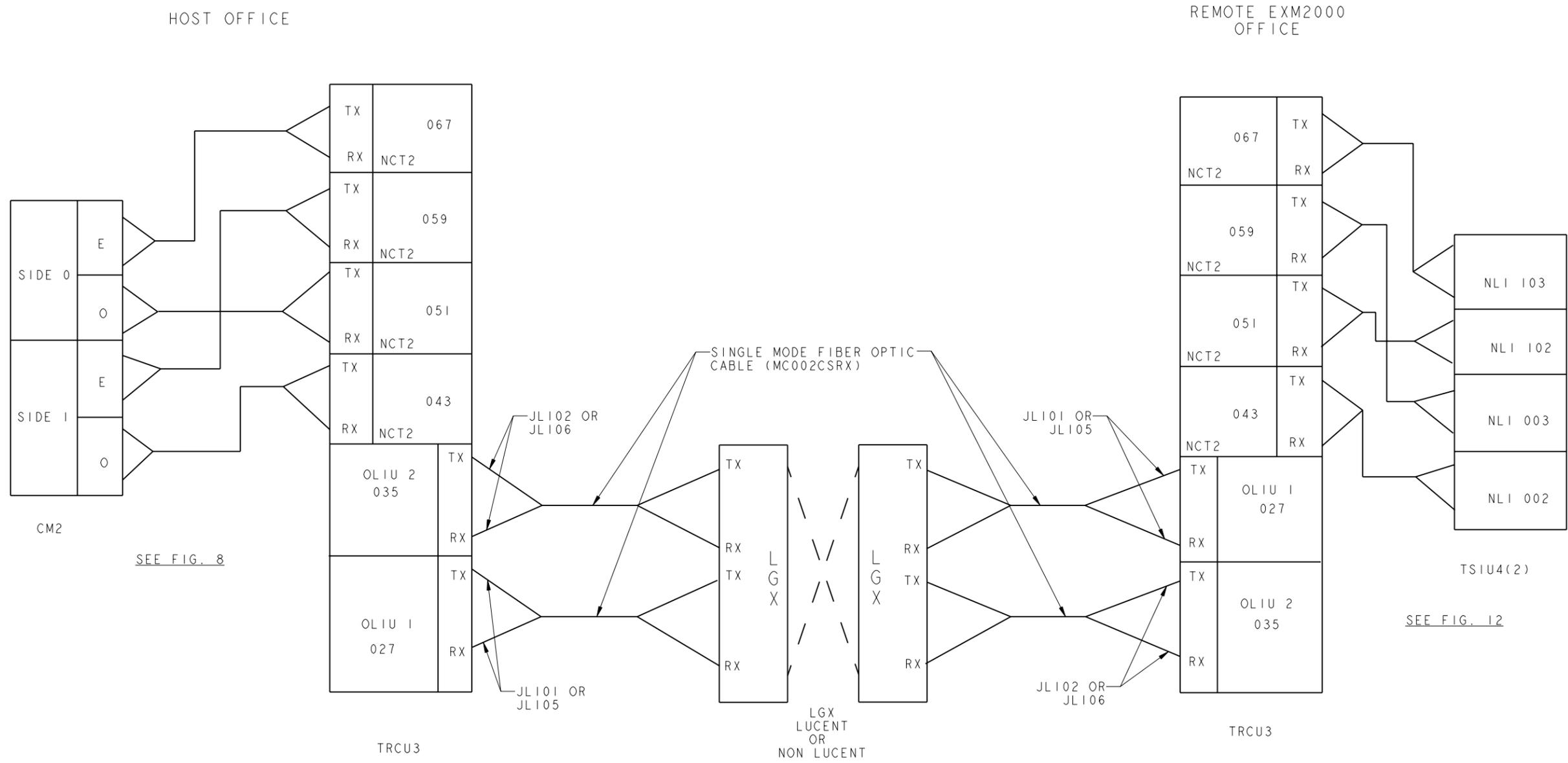


FIG. 5
NCT LINKS TO MCTU3 (J5D003LB-1)
FOR CLASSIC, IN TRCU3 (J5D003EF-1)
GROUP 23 (JLI01-JLI04)

TITLE					INTERCABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D518-11		SHEET	ISSUE	DWG SIZE			
				B5	11	C2/AIR			

ED5D518-11





NOTE:
THE MAXIMUM DISTANCE FOR A NCT2 LINK
IN A HOST OR REMOTE OFFICE FROM
THE TRCU3 IS 2000 FEET.

FIG. 11
EXM2000 APPLICATION USING NCT2'S
IN HOST OFFICE

- GROUP 25, TRCU3 ST2+ CONN, LGX STUB END (NON-LUCENT) (JL101-JL102)
- GROUP 26, TRCU3 ST2+ CONN, LGX ST2+ CONN. (LUCENT) (JL105-JL106)
- GROUP 33, TRCU3 ST2+ CONN, LGX SC CONN. (LUCENT) (JL101-JL102)

ED5D518-11

TITLE				INTERCABINET CABLING			(P)
THIRD ANGLE PROJECTION				SEE PROPRIETARY NOTICE ON SHEET A1			
Lucent Technologies Inc.		ED5D518-11		SHEET	ISSUE	DWG SIZE	
				B7	11	C2/AIR	

REMOTE 5ESS
EXM2000 OFFICE

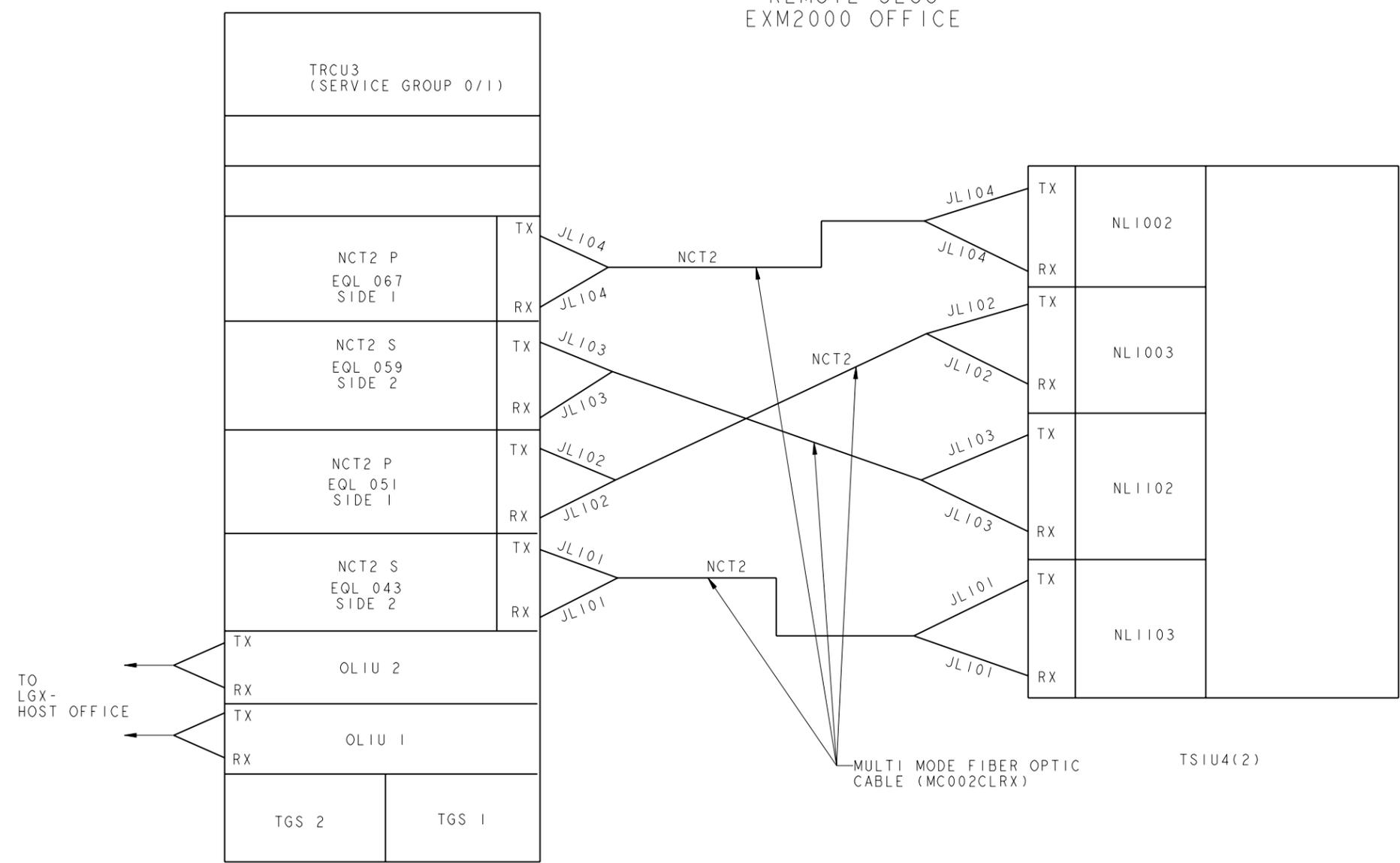
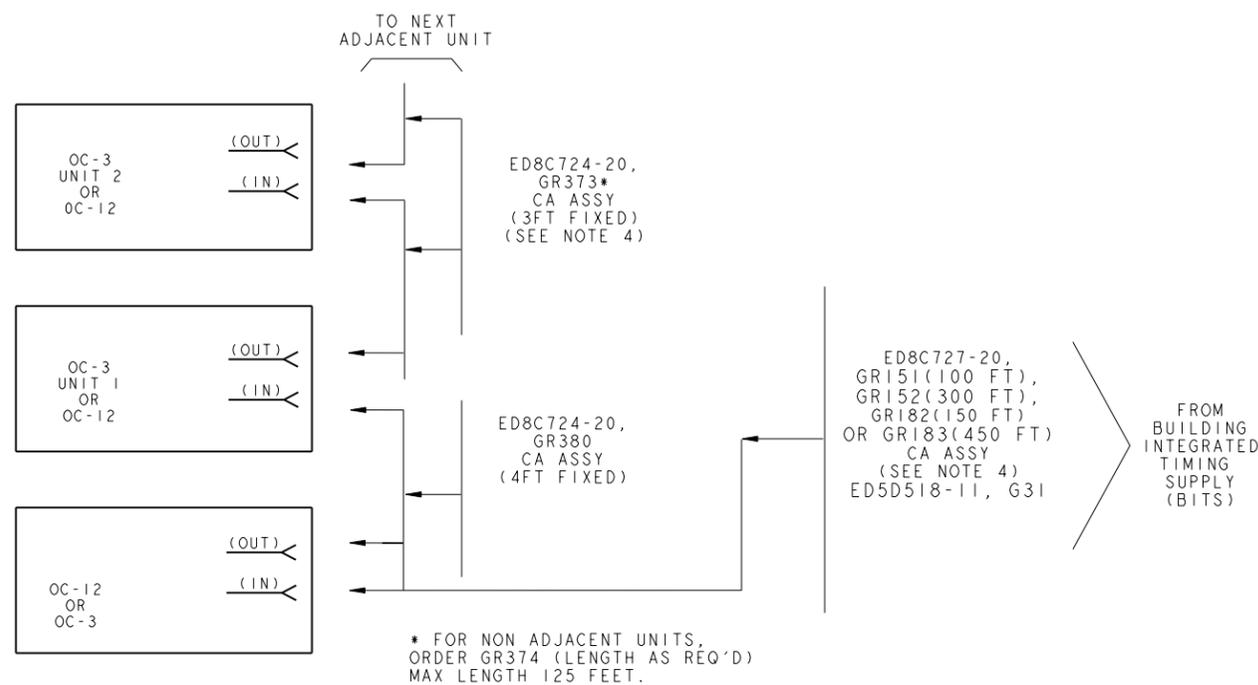


FIG. 12
REMOTE TRCU3 (EXM2000)
AND TSIU4(2)
NCT2 FIBER LINKS
GROUP 27 (JLI01-JLI04)

TITLE					INTERCABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.			ED5D518-11		SHEET	ISSUE	DWG SIZE		
					B8	11	C2/AIR		

ED5D518-11

OC-3/OC-12 REAR ACCESS CABLE ORDERING INFORMATION



* FOR NON ADJACENT UNITS, ORDER GR374 (LENGTH AS REQ'D) MAX LENGTH 125 FEET.

FIG 6
DSI TIMING REFERENCE INTERFACE AND MULT CABLE

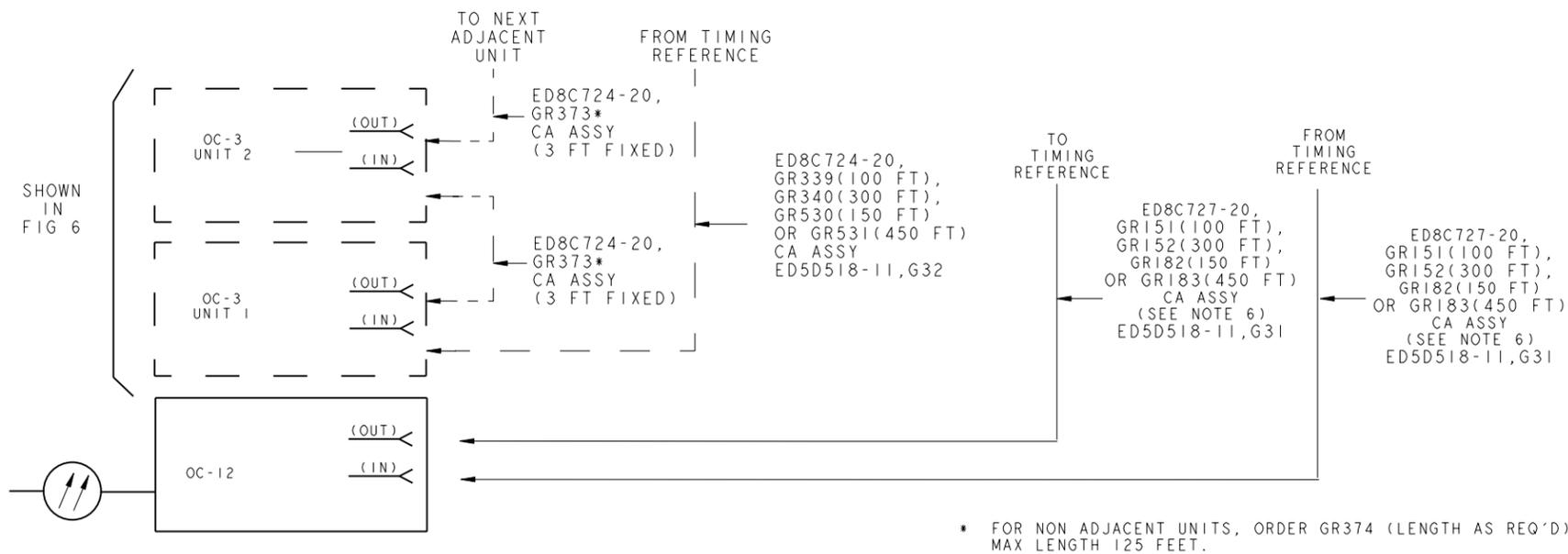
NOTE: ALL THE CABLES SHOWN IN TABLE OC-3/OC-12, ARE MANUFACTURED FOR THE DDM2000 AND CAN ALSO BE USED IN 5ESS TRCU3 APPLICATIONS. THE CABLES IN TABLE OC-3/OC-12 CAN BE ORDERED FROM LUCENT MERRIMACK VALLEY WORKS.

4. IT IS RECOMMENDED THAT ONE SHELF IN A SUBNETWORK BE SYNCHRONIZED EXTERNALLY WITH DSI TIMING REFERENCES FROM A STRATUM 3 OR BETTER OFFICE CLOCK (TYPICALLY AT A CENTRAL OFFICE). WHEN EXTERNALLY SYNCHRONIZED, THE DSI TIMING REFERENCE CABLE IS REQUIRED (ONE PER SHELF, TWO REFERENCE SIGNALS). IN BAY ARRANGEMENTS, THE TIMING REFERENCE IS BROUGHT TO THE SHELF IN POSITION 1 ONLY, AND THE DSI TIMING REFERENCE BAY MULT IS REQUIRED. DSI TIMING REFERENCES ARE AVAILABLE FROM SEVERAL SOURCES SUCH AS THE LUCENT J98726W OR Z SYNCHRONIZATION DISTRIBUTION EXPANDER (SDE) PANEL. SUCH SOURCES ARE REQUIRED TO FREE-RUN AT STRATUM 3 CLOCK OR BETTER, TRACABLE TO A PRIMARY REFERENCE SOURCE (PRS).

6. THE DDM-2000 SHELF CAN BE USED AS A DSI TIMING REFERENCE SOURCE FOR AN OFFICE BUILDING INTEGRATED TIMING SUPPLY (BITS) CLOCK IF THE UPSTREAM DDM-2000 TIMING REFERENCE IS TRACEABLE TO A PRS.

WHEN THE SHELF IS CONFIGURED TO PROVIDE A SYNC OUTPUT FOR THE BITS CLOCK AND THE BBF2B TGS CIRCUIT PACKS ARE EXTERNALLY TIMED TO A DSI REFERENCE, THE ED8C724-20, GR394 SYNC INPUT TIMING CABLE IS REQUIRED. THE ED8C724-20 SYNC INPUT TIMING CABLE IS INSTALLED IN SERIES WITH THE INCOMING EXTERNAL REFERENCE SIGNAL ON P66 FOR THE OC-12 SHELF.

THE ED8C724-24-20, GR394 SYNC INPUT TIMING CABLE SHOULD NOT BE USED WHEN THE SHELF IS CONFIGURED FOR DSI MULT OUTPUT OPERATION OR WHEN THE BBF2B TGS CIRCUIT PACKS ARE LOOP TIMED.



* FOR NON ADJACENT UNITS, ORDER GR374 (LENGTH AS REQ'D) MAX LENGTH 125 FEET.

FIG 6A
SYNCHRONIZATION FOR TIMING DISTRIBUTION CABLE IN A BAY ARRANGEMENT

TITLE				
INTERCABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D518-11	SHEET B9	ISSUE 8
			DWG SIZE C2/AIR	

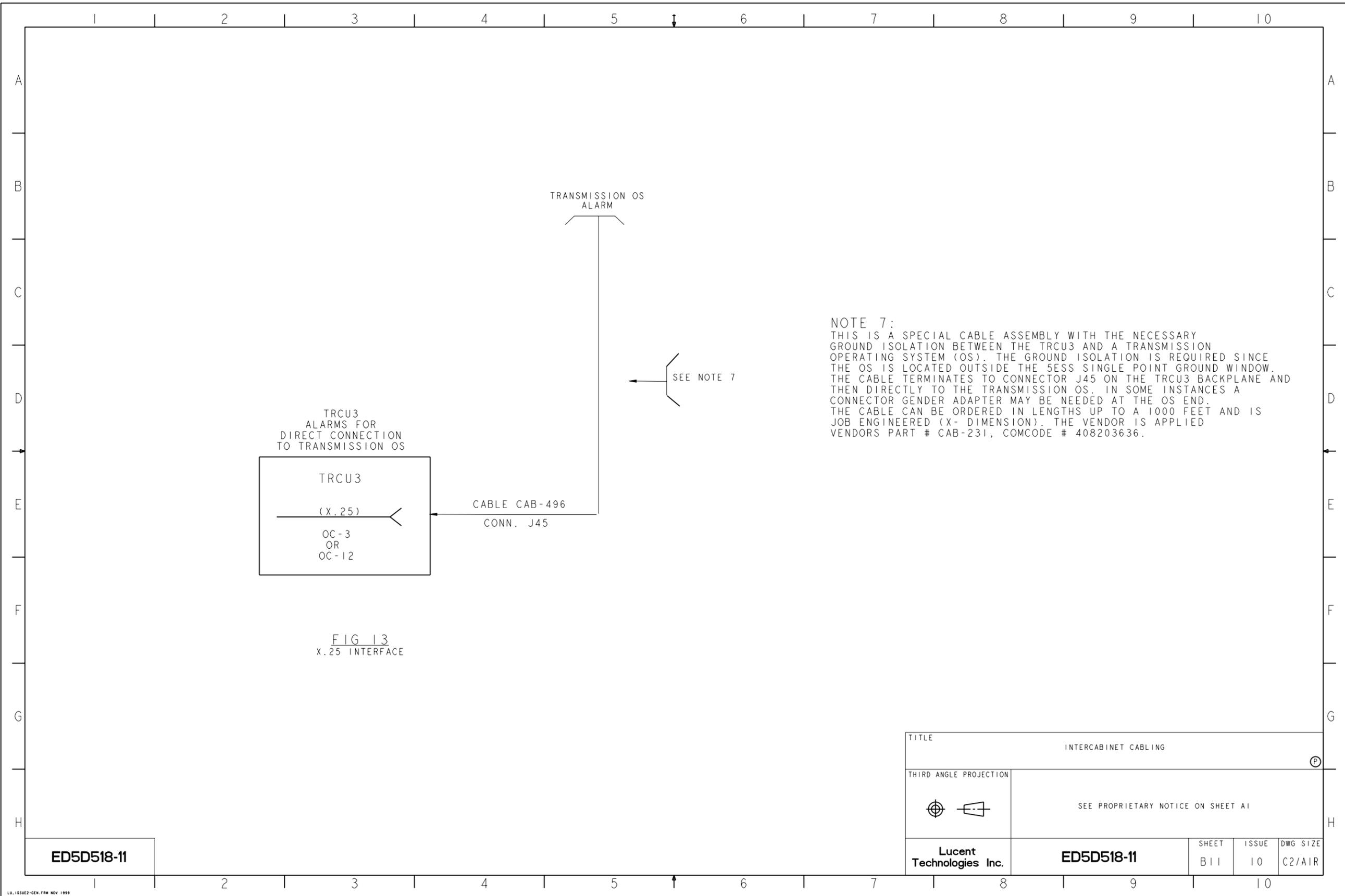
ED5D518-11



SHEET B10 RESERVED FOR FUTURE USE

ED5D518-11

TITLE		INTERCABINET CABLING			
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1			
Lucent Technologies Inc.		ED5D518-11	SHEET B10	ISSUE 10	DWG SIZE C2/AIR



STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	16	4	ED5D518-30,G19		CABLE, FIBER-OPTIC LIGHTGUIDE ITEM 1000,1020,1040,1060			
1010	16	4	ED5D518-30,G20		CABLE, FIBER-OPTIC LIGHTGUIDE ITEM 1010,1030,1050,1070			
2000	20	4	ED5D872-30,G1		ASSEMBLY, CABLE ITEMS 1200,1210,1220,1230			
2100	21	2	ED5D518-30,G24		CABLE, FIBER-OPTIC LIGHTGUIDE ITEMS 1240,1250			
2200	22	2	ED5D518-30,G23		CABLE, FIBER-OPTIC LIGHTGUIDE ITEMS 1280,1290			
2300	23	4	ED5D872-30,G1		ASSEMBLY, CABLE ITEMS 1310,1340,1350,1370			
2400	24	4	ED5D872-30,G1		ASSEMBLY, CABLE ITEMS 1380,1390,1400,1410			
2500	25	2	ED5D518-30,G24		CABLE, FIBER-OPTIC LIGHTGUIDE ITEMS 1420,1425			
2600	26	2	ED5D518-30,G23		CABLE, FIBER-OPTIC LIGHTGUIDE ITEMS 1440,1445			
2700	27	4	ED5D872-30,G1		ASSEMBLY, CABLE ITEMS 1460,1470,1480,1490			
2800	33	2	ED5D518-30,G25		CABLE, FIBER-OPTIC LIGHTGUIDE ITEMS 1500,1510			
2900	34	1	408446128		CABLE ASSEMBLY, SHIELDED #CAB496 APPLIED INNOVATIONS (X-DIMENSION)			

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

N5

SINGLE FABRIC NCT LINKS FROM TRCU3 TO CM2 [320-322]				
CABLE DESIG	JL101	JL103	JL102	JL104
NCT	TX/RX	TX/RX	TX/RX	TX/RX
LINKS	SIDE 1		SIDE 2	
G20 J5D00 3EF-1	043-TX/RX	059-TX/RX	051-TX/RX	067-TX/RX
CM2 PORTS				
SM NBR ()	CM2 '0' SIDE BKF1		CM2 '1' SIDE BKF1	
	EVEN PORTS		EVEN PORTS	
	RA	TA	RA	TA
ODD PORTS		ODD PORTS		
RB	TB	RB	TB	

ED5D518-11

OC-3/OC-12

OC-3/OC-12 REAR ACCESS CABLE ORDERING INFORMATION [20]										
DDM2000 CABLES THAT CAN BE ORDERED FOR TRCU3 APPLICATIONS ARE SOURCED FROM MERRIMACK VALLEY										
FIGURE	FIG	CODE	GROUP NUMBER	ENTER LENGTH (FT) IF REQUIRED	QTY REQ'D FOR FIRST UNIT IN BAY	QTY REQ'D FOR EACH ADDITIONAL UNIT IN BAY	QTY TO BE ORDERED	NOTES		
SYNCHRONIZATION FOR TIMING DISTRIBUTION CABLE IN A BAY ARRANGEMENT	6A	ED8C727-20	151 OR	100	2					
			152 OR	300						
			182 OR	150						
			183	450						
			ED8C724-20	394					1	
			373 OR						1	AS REQUIRED PER FIG 6A
	542			FOR NONADJACENT UNITS						
	339 OR	100		SEE NOTE	AS REQUIRED PER FIG 6					
	340 OR	300								
	530 OR	150								
	531	450								
	397			A/R	SEE FIG'S 6 & A					
OFFICE ALARM INTERFACE AND MULT CABLE REQUIRED BETWEEN ADJACENT UNITS	7	ED8C727-20	174 OR	150	1					
			191 OR	50						
			192	250						
			ED8C724-20	383					1	
			359 OR						1	FOR NONADJACENT UNITS
			540							
DS1 TIMING INPUT AND MULT CABLE REQUIRED BETWEEN ADJACENT UNITS	6	ED8C727-20	151 OR	100				FROM BITS		
			152 OR	300						
			182 OR	150						
			183	450						
			ED8C724-20	380					1	
			373 OR						1	FOR NONADJACENT UNITS
542										
MODEM, TBOS INTERFACE AND MULT CABLE FOR TBOS AND BAY MULT WIRING BETWEEN ADJACENT UNITS	9	ED8C727-20	164 OR	75	1			MODEM		
			189 OR	50						
			190	150						
			157 OR	150						
			185 OR						1	FOR (LUCENT) ACORN APPLICATIONS
			ED8C724-20	396 OR					150	1

*** CONTINUED ***

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BT13
OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE C2
ISSUE 11

LUCENT TECHNOLOGIES INC ED5D518-11

SHEET D1 OF 26

PRINTED IN U.S.A.

TABLE E1

NCT LINKS FROM MCTU3 TO TMS (CM1)								
NCT DESIG	JL101	JL103	JL105	JL107	JL102	JL104	JL106	JL108
NCT LINK	OA		OB		1A		1B	
SM() SMC1	XMTR	REC	XMTR	REC	XMTR	REC	XMTR	REC
G16	()-	()-	()-	()-	()-	()-	()-	()-
MCTU3	084-	084-	084-	084-	176-	176-	176-	176-
J5D003LB	332	345	313	300	332	345	313	300
	982TRC		982TRC		982TRC		982TRC	
TMS PORTS								
SM 1-30	REC	XMTR	REC	XMTR	REC	XMTR	REC	XMTR
SM 1	053-062-145	053-062-132	028-062-145	028-062-132	153-062-145	153-062-132	128-062-145	128-062-132
SM 2	053-062-100	053-062-113	028-062-100	028-062-113	153-062-100	153-062-113	128-062-100	128-062-113
SM 3	053-052-145	053-052-132	028-052-145	028-052-132	153-052-145	153-052-132	128-052-145	128-052-132
SM 4	053-052-100	053-052-113	028-052-100	028-052-113	153-052-100	153-052-113	128-052-100	128-052-113
SM 5	053-042-145	053-042-132	028-042-145	028-042-132	153-042-145	153-042-132	128-042-145	128-042-132
SM 6	053-042-100	053-042-113	028-042-100	028-042-113	153-042-100	153-042-113	128-042-100	128-042-113
SM 7	053-126-145	053-126-132	028-126-145	028-126-132	153-126-145	153-126-132	128-126-145	128-126-132
SM 8	053-126-100	053-126-113	028-126-100	028-126-113	153-126-100	153-126-113	128-126-100	128-126-113
SM 9	053-136-145	053-136-132	028-136-145	028-136-132	153-136-145	153-136-132	128-136-145	128-136-132
SM 10	053-136-100	053-136-113	028-136-100	028-136-113	153-136-100	153-136-113	128-136-100	128-136-113
SM 11	053-146-145	053-146-132	028-146-145	028-146-132	153-146-145	153-146-132	128-146-145	128-146-132
SM 12	053-146-100	053-146-113	028-146-100	028-146-113	153-146-100	153-146-113	128-146-100	128-146-113
SM 13	053-156-145	053-156-132	028-156-145	028-156-132	153-156-145	153-156-132	128-156-145	128-156-132
SM 14	053-156-100	053-156-113	028-156-100	028-156-113	153-156-100	153-156-113	128-156-100	128-156-113
SM 15	045-072-145	045-072-132	019-072-145	019-072-132	145-072-145	145-072-132	119-072-145	119-072-132

*** CONTINUED ***

** CONTINUED **

NCT LINKS FROM MCTU3 TO TMS (CM1)								
NCT DESIG	JL101	JL103	JL105	JL107	JL102	JL104	JL106	JL108
NCT LINK	OA		OB		1A		1B	
SM() SMC1	XMTR	REC	XMTR	REC	XMTR	REC	XMTR	REC
G16	()-	()-	()-	()-	()-	()-	()-	()-
MCTU3	084-	084-	084-	084-	176-	176-	176-	176-
J5D003LB	332	345	313	300	332	345	313	300
	982TRC		982TRC		982TRC		982TRC	
SM 16	045-072-100	045-072-113	019-072-100	019-072-113	145-072-100	145-072-113	119-072-100	119-072-113
SM 17	045-062-145	045-062-132	019-062-145	019-062-132	145-062-145	145-062-132	119-062-145	119-062-132
SM 18	045-062-100	045-062-113	019-062-100	019-062-113	145-062-100	145-062-113	119-062-100	119-062-113
SM 19	045-052-145	045-052-132	019-052-145	019-052-132	145-052-145	145-052-132	119-052-145	119-052-132
SM 20	045-052-100	045-052-113	019-052-100	019-052-113	145-052-100	145-052-113	119-052-100	119-052-113
SM 21	045-042-145	045-042-132	019-042-145	019-042-132	145-042-145	145-042-132	119-042-145	119-042-132
SM 22	045-042-100	045-042-113	019-042-100	019-042-113	145-042-100	145-042-113	119-042-100	119-042-113
SM 23	045-126-145	045-126-132	019-126-145	019-126-132	145-126-145	145-126-132	119-126-145	119-126-132
SM 24	045-126-100	045-126-113	019-126-100	019-126-113	145-126-100	145-126-113	119-126-100	119-126-113
SM 25	045-136-145	045-136-132	019-136-145	019-136-132	145-136-145	145-136-132	119-136-145	119-136-132
SM 26	045-136-100	045-136-113	019-136-100	019-136-113	145-136-100	145-136-113	119-136-100	119-136-113
SM 27	045-146-145	045-146-132	019-146-145	019-146-132	145-146-145	145-146-132	119-146-145	119-146-132
SM 28	045-146-100	045-146-113	019-146-100	019-146-113	145-146-100	145-146-113	119-146-100	119-146-113
SM 29	045-156-145	045-156-132	019-156-145	019-156-132	145-156-145	145-156-132	119-156-145	119-156-132
SM 30	045-156-100	045-156-113	019-156-100	019-156-113	145-156-100	145-156-113	119-156-100	119-156-113

TABLE EA

CABLE MEASUREMENTS									
LENGTH OF CABLE, INCLUDING CONNECTION INCREMENTS, FROM CABLE RACK TO FARTHEST COMPONENT TO WHICH THE CABLE CONNECTS									
CABLE DESIG	DROP POS	LENGTH	SM NBR	EQL	CABLE DESIG	DROP POS	LENGTH	SM NBR	EQL
JL105	L	5-7	001	028-062-132	JL101	L	3-5	001	053-062-132
JL107	L	6-4	002	028-062-113	JL103	L	4-2	002	053-062-113
	L	5-6	003	028-052-132		L	3-4	003	053-052-132
	L	6-3	004	028-052-113		L	4-1	004	053-052-113
	L	5-5	005	028-042-132		L	3-3	005	053-042-132
	L	6-2	006	028-042-113		L	4-0	006	053-042-113
	R	5-7	007	028-126-132		R	3-5	007	053-126-132
	L	6-4	008	028-126-113		L	4-2	008	053-126-113
	L	5-6	009	028-136-132		L	3-4	009	053-136-132
	L	6-3	010	028-136-113		L	4-1	010	053-136-113
	L	5-5	011	028-146-132		L	3-3	011	053-146-132
	L	6-2	012	028-146-113		L	4-0	012	053-146-113
	L	5-4	013	028-156-132		L	3-2	013	053-156-132
	L	6-1	014	028-156-113		L	3-10	014	053-156-113
	L	6-6	015	019-072-132		L	4-4	015	045-072-132
	L	7-2	016	019-072-113		L	5-0	016	045-072-113
	L	6-4	017	019-062-132		L	4-2	017	045-062-132
	L	7-0	018	019-062-113		L	4-10	018	045-062-113
	L	6-3	019	019-052-132		L	4-1	019	045-052-132
	L	6-11	020	019-052-113		L	4-9	020	045-052-113
	L	6-2	021	019-042-132		L	4-0	021	045-042-132
	L	6-10	022	019-042-113		L	4-8	022	045-042-113
	R	6-4	023	019-126-132		R	4-2	023	045-126-132
	L	7-0	024	019-126-113		L	4-10	024	045-126-113
	L	6-3	025	019-136-132		L	4-1	025	045-136-132
	L	6-11	026	019-136-113		L	4-9	026	045-136-113
	L	6-2	027	019-146-132		L	4-0	027	045-146-132
	L	6-10	028	019-146-113		L	4-8	028	045-146-113
	L	6-1	029	019-156-132		L	3-11	029	045-156-132
	L	6-9	030	019-156-113		L	4-7	030	045-156-113

TABLE EB

CABLE MEASUREMENTS									
LENGTH OF CABLE, INCLUDING CONNECTION INCREMENTS, FROM CABLE RACK TO FARTHEST COMPONENT TO WHICH THE CABLE CONNECTS									
CABLE DESIG	DROP POS	LENGTH	SM NBR	EQL	CABLE DESIG	DROP POS	LENGTH	SM NBR	EQL
JL106	L	5-7	001	128-062-132	JL102	L	3-5	001	153-062-132
JL108	L	6-4	002	128-062-113	JL104	L	4-2	002	153-062-113
	L	5-6	003	128-052-132		L	3-4	003	153-052-132
	L	6-3	004	128-052-113		L	4-1	004	153-052-113
	L	5-5	005	128-042-132		L	3-3	005	153-042-132
	L	6-2	006	128-042-113		L	4-0	006	153-042-113
	R	5-7	007	128-126-132		R	3-5	007	153-126-132
	L	6-4	008	128-126-113		L	4-2	008	153-126-113
	L	5-6	009	128-136-132		L	3-4	009	153-136-132
	L	6-3	010	128-136-113		L	4-1	010	153-136-113
	L	5-5	011	128-146-132		L	3-3	011	153-146-132
	L	6-2	012	128-146-113		L	4-0	012	153-146-113
	L	5-4	013	128-156-132		L	3-2	013	153-156-132
	L	6-1	014	128-156-113		L	3-10	014	153-156-113
	L	6-6	015	119-072-132		L	4-4	015	145-072-132
	L	7-2	016	119-072-113		L	5-0	016	145-072-113
	L	6-4	017	119-062-132		L	4-2	017	145-062-132
	L	7-0	018	119-062-113		L	4-10	018	145-062-113
	L	6-3	019	119-052-132		L	4-1	019	145-052-132
	L	6-11	020	119-052-113		L	4-9	020	145-052-113
	L	6-2	021	119-042-132		L	4-0	021	145-042-132
	L	6-10	022	119-042-113		L	4-8	022	145-042-113
	R	6-4	023	119-126-132		R	4-2	023	145-126-132
	L	7-0	024	119-126-113		L	4-10	024	145-126-113
	L	6-3	025	119-136-132		L	4-1	025	145-136-132
	L	6-11	026	119-136-113		L	4-9	026	145-136-113
	L	6-2	027	119-146-132		L	4-0	027	145-146-132
	L	6-10	028	119-146-113		L	4-8	028	145-146-113
	L	6-1	029</						

TABLE H4

SINGLE FABRIC ORM (HOST OFFICE ONLY) ODL50 NCT LINKS FROM TRCU2 TO CM2								
DESIG	JL101	JL103	JL105	JL107	JL102	JL104	JL106	JL108
NCT	0A		0B		1A		1B	
LINKS	XMTR	REC	XMTR	REC	XMTR	REC	XMTR	REC
TRCU2	()-022-132	()-030-132	()-138-132	()-146-132				
CKT 1	982TR	982TR	982TR	982TR				
G8C	OR	OR	OR	OR				
OR	982TRA	982TRA	982TRA	982TRA				
GL2D								
TRCU2	()-038-132	()-046-132	()-154-132	()-162-132				
CKT 2	982TR	982TR	982TR	982TR				
G8C	OR	OR	OR	OR				
OR	982TRA	982TRA	982TRA	982TRA				
GL2D								

CM2 PORTS									
SM NBR	CM2 '0' SIDE 982TT				CM2 '1' SIDE 982TT				
	RA	TA	RB	TB	RA	TA	RB	TB	
SM1	536-088-132				636-088-132				
SM2	536-080-132				636-080-132				
SM3	536-080-100				636-080-100				
SM4	536-072-132				636-072-132				
SM5	536-072-100				636-072-100				
SM6	536-064-132				636-064-132				
SM7	536-064-100				636-064-100				
SM8	536-056-132				636-056-132				
SM9	536-056-100				636-056-100				
SM10	536-048-132				636-048-132				
SM11	536-048-100				636-048-100				
SM12	536-040-132				636-040-132				
SM13	536-040-100				636-040-100				
SM14	536-032-132				636-032-132				
SM15	536-032-100				636-032-100				
SM16	519-088-132				619-088-132				
SM17	519-080-132				619-080-132				
SM18	519-080-100				619-080-100				
SM19	519-072-132				619-072-132				
SM20	519-072-100				619-072-100				
SM21	519-064-132				619-064-132				
SM22	519-064-100				619-064-100				
SM23	519-056-132				619-056-132				
SM24	519-056-100				619-056-100				
SM25	519-048-132				619-048-132				

*** CONTINUED ***

** CONTINUED **
TABLE H4

SINGLE FABRIC ORM (HOST OFFICE ONLY) ODL50 NCT LINKS FROM TRCU2 TO CM2								
DESIG	JL101	JL103	JL105	JL107	JL102	JL104	JL106	JL108
NCT	0A		0B		1A		1B	
LINKS	XMTR	REC	XMTR	REC	XMTR	REC	XMTR	REC
TRCU2	()-022-132	()-030-132	()-138-132	()-146-132				
CKT 1	982TR	982TR	982TR	982TR				
G8C	OR	OR	OR	OR				
OR	982TRA	982TRA	982TRA	982TRA				
GL2D								
TRCU2	()-038-132	()-046-132	()-154-132	()-162-132				
CKT 2	982TR	982TR	982TR	982TR				
G8C	OR	OR	OR	OR				
OR	982TRA	982TRA	982TRA	982TRA				
GL2D								

CM2 PORTS									
SM NBR	CM2 '0' SIDE 982TT				CM2 '1' SIDE 982TT				
	RA	TA	RB	TB	RA	TA	RB	TB	
SM26	519-048-100				619-048-100				
SM27	519-040-132				619-040-132				
SM28	519-040-100				619-040-100				
SM29	519-032-132				619-032-132				
SM30	519-032-100				619-032-100				
SM31	436-088-132				736-088-132				
SM32	436-088-100				736-088-100				
SM33	436-080-132				736-080-132				
SM34	436-080-100				736-080-100				
SM35	436-072-132				736-072-132				
SM36	436-072-100				736-072-100				
SM37	436-064-132				736-064-132				
SM38	436-064-100				736-064-100				
SM39	436-056-132				736-056-132				
SM40	436-056-100				736-056-100				

DUAL FABRIC NCT LINKS FROM TRCU3 TO CM2 [300]				
CABLE DESIG	JL101	JL103	JL102	JL104
NCT	TX/RX	TX/RX	TX/RX	TX/RX
LINKS	SIDE 1	SIDE 2	SIDE 1	SIDE 2
G20	043-TX/RX	059-TX/RX	051-TX/RX	067-TX/RX
J5D00				
3EF-1				

*** CONTINUED ***

** CONTINUED **
TABLE N4

SM NBR ()	CM2 '0' SIDE BKF1				CM2 '1' SIDE BKF1			
	EVEN PORTS		ODD PORTS		EVEN PORTS		ODD PORTS	
	RA/RB	TA/TB	RA/RB	TA/TB	RA/RB	TA/TB	RA/RB	TA/TB
SM()	536-080-100		519-080-100		636-080-100		619-080-100	
SM()	536-072-100		519-072-100		636-072-100		619-072-100	
SM()	536-064-100		519-064-100		636-064-100		619-064-100	
SM()	536-056-100		519-056-100		636-056-100		619-056-100	
SM()	536-048-100		519-048-100		636-048-100		619-048-100	
SM()	536-040-100		519-040-100		636-040-100		619-040-100	
SM()	536-032-100		519-032-100		636-032-100		619-032-100	
SM()	436-088-100		419-088-100		736-088-100		719-088-100	
SM()	436-080-100		419-080-100		736-080-100		719-080-100	
SM()	436-072-100		419-072-100		736-072-100		719-072-100	
SM()	436-064-100		419-064-100		736-064-100		719-064-100	
SM()	436-056-100		419-056-100		736-056-100		719-056-100	
SM()	436-048-100		419-048-100		736-048-100		719-048-100	
SM()	436-040-100		419-040-100		736-040-100		719-040-100	
SM()	436-032-100		419-032-100		736-032-100		719-032-100	
SM()	336-088-100		319-088-100		836-088-100		819-088-100	
SM()	336-080-100		319-080-100		836-080-100		819-080-100	
SM()	336-072-100		319-072-100		836-072-100		819-072-100	
SM()	336-064-100		319-064-100		836-064-100		819-064-100	
SM()	336-056-100		319-056-100		836-056-100		819-056-100	
SM()	336-048-100		319-048-100		836-048-100		819-048-100	
SM()	336-040-100		319-040-100		836-040-100		819-040-100	
SM()	336-032-100		319-032-100		836-032-100		819-032-100	
SM()	236-088-100		219-088-100		936-088-100		919-088-100	
SM()	236-080-100		219-080-100		936-080-100		919-080-100	
SM()	236-072-100		219-072-100		936-072-100		919-072-100	
SM()	236-064-100		219-064-100		936-064-100		919-064-100	
SM()	236-056-100		219-056-100		936-056-100		919-056-100	
SM()	236-048-100		219-048-100		936-048-100		919-048-100	
SM()	236-040-100		219-040-100		936-040-100		919-040-100	
SM()	236-032-100		219-032-100		936-032-100		919-032-100	
SM()	136-088-100		119-088-100		1036-088-100		1019-088-100	
SM()	136-080-100		119-080-100		1036-080-100		1019-080-100	
SM()	136-072-100		119-072-100		1036-072-100		1019-072-100	
SM()	136-064-100		119-064-100		1036-064-100		1019-064-100	

*** CONTINUED ***

** CONTINUED **
TABLE N4

SM()	136-056-100	119-056-100	1036-056-100	1019-056-100
SM()	136-048-100	119-048-100	1036-048-100	1019-048-100
SM()	136-040-100	119-040-100	1036-040-100	1019-040-100
SM()	136-032-100	119-032-100	1036-032-100	1019-032-100
SM()	036-088-100	019-088-100	1136-088-100	1119-088-100
SM()	036-080-100	019-080-100	1136-080-100	1119-080-100
SM()	036-072-100	019-072-100	1136-072-100	1119-072-100
SM()	036-064-100	019-064-100	1136-064-100	1119-064-100
SM()	036-056-100	019-056-100	1136-056-100	1119-056-100
SM()	036-048-100	019-048-100	1136-048-100	1119-048-100
SM()	036-040-100	019-040-100	1136-040-100	1119-040-100
SM()	036-032-100	019-032-100	1136-032-100	1119-032-100

NOTE: FOR INFO ON THE TWO OPTIONAL TRCU3, BNP2 CIRCUIT PACKS IN POSITIONS 75 AND 83 REFER TO ENG. NOTE 56.

TABLE N5

SM()	536-080-100	636-080-100
SM()	536-072-100	636-072-100
SM()	536-064-100	636-064-100
SM()	536-056-100	636-056-100
SM()	536-048-100	636-048-100
SM()	536-040-100	636-040-100
SM()	536-032-100	636-032-100
SM()	519-080-100	619-080-100
SM()	519-072-100	619-072-100
SM()	519-064-100	619-064-100
SM()	519-056-100	619-056-100
SM()	519-048-100	619-048-100
SM()	519-040-100	619-040-100
SM()	519-032-100	619-032-100
SM()	436-088-100	736-088-100
SM()	436-080-100	736-080-100
SM()	436-072-100	736-072-100
SM()	436-064-100	736-064-100
SM()	436-056-100	736-056-100
SM()	436-048-100	736-048-100
SM()	436-040-100	736-040-100
SM()	436-032-100	736-032-100
SM()	419-088-100	719-088-100
SM()	419-080-100	719-080-100

*** CONTINUED ***

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BT13	
OPTIC FIBER INTERCABINET CABLING FOR MCTU3 TO CM1 AND TRCU3 FOR CLASSIC AND SM2000 SESS * SWITCH *LUCENT TRADEMARK	
DWG SIZE C2	ISSUE 11
LUCENT TECHNOLOGIES INC	ED5D518-11
SHEET D4 OF 26	

** CONTINUED **

TABLE N5		
SM ()	419-072-100	719-072-100
SM ()	419-064-100	719-064-100
SM ()	419-056-100	719-056-100
SM ()	419-048-100	719-048-100
SM ()	419-040-100	719-040-100
SM ()	419-032-100	719-032-100
SM ()	336-088-100	836-088-100
SM ()	336-080-100	836-080-100
SM ()	336-072-100	836-072-100
SM ()	336-064-100	836-064-100
SM ()	336-056-100	836-056-100
SM ()	336-048-100	836-048-100
SM ()	336-040-100	836-040-100
SM ()	336-032-100	836-032-100
SM ()	319-088-100	819-088-100
SM ()	319-080-100	819-080-100
SM ()	319-072-100	819-072-100
SM ()	319-064-100	819-064-100
SM ()	319-056-100	819-056-100
SM ()	319-048-100	819-048-100
SM ()	319-040-100	819-040-100
SM ()	319-032-100	819-032-100

NOTE: FOR INFO ON THE TWO OPTIONAL TRCU3, BPN2 CIRCUIT PACKS IN POSITIONS 75 AND 83 REFER TO ENG. NOTE 56.

TABLE N6

DUAL FABRIC NCT LINKS FROM TRCU3 TO TSIU4-2 [600]					
CABLE DESIG	JL101	JL103	JL102	JL104	
	TX/RX	TX/RX	TX/RX	TX/RX	TX/RX
LINKS	SIDE 1		SIDE 2		
G20 J5D00 3EF-1	043-TX/RX	059-TX/RX	051-TX/RX	067-TX/RX	
	TX	RX	TX	RX	
	SIDE 0		SIDE 1		
SM ()	2	00051-029-TX	00051-029-RX	00051-111-TX	00051-111-RX
SMC 0					
TSIU4	3	00055-029-TX	00055-029-RX	00055-111-TX	00055-111-RX
-2					
J5D00	4	00043-037-TX	00043-037-RX	00043-119-TX	00043-119-RX
3EF-1					
	5	00047-037-TX	00047-037-RX	00047-119-TX	00047-119-RX

*** CONTINUED ***

** CONTINUED **

TABLE N6				
6	00051-037-TX	00051-037-RX	00051-119-TX	00051-119-RX
7	00055-037-TX	00055-037-RX	00055-119-TX	00055-119-RX
8	00043-045-TX	00043-045-RX	00043-127-TX	00043-127-RX
9	00047-045-TX	00047-045-RX	00047-127-TX	00047-127-RX
10	00051-045-TX	00051-045-RX	00051-127-TX	00051-127-RX
11	00055-045-TX	00055-045-RX	00055-127-TX	00055-127-RX
12	00043-053-TX	00043-053-RX	00043-135-TX	00043-135-RX
13	00047-053-TX	00047-053-RX	00047-135-TX	00047-135-RX
14	00051-053-TX	00051-053-RX	00051-135-TX	00051-135-RX
15	00055-053-TX	00055-053-RX	00055-135-TX	00055-135-RX
16	00043-061-TX	00043-061-RX	00043-143-TX	00043-143-RX
17	00047-061-TX	00047-061-RX	00047-143-TX	00047-143-RX
18	00051-061-TX	00051-061-RX	00051-143-TX	00051-143-RX
19	00055-061-TX	00055-061-RX	00055-143-TX	00055-143-RX
20	00043-069-TX	00043-069-RX	00043-151-TX	00043-151-RX
21	00047-069-TX	00047-069-RX	00047-151-TX	00047-151-RX
22	00051-069-TX	00051-069-RX	00051-151-TX	00051-151-RX
23	00055-069-TX	00055-069-RX	00055-151-TX	00055-151-RX
24	00043-077-TX	00043-077-RX	00043-159-TX	00043-159-RX
25	00047-077-TX	00047-077-RX	00047-159-TX	00047-159-RX
26	00051-077-TX	00051-077-RX	00051-159-TX	00051-159-RX
27	00055-077-TX	00055-077-RX	00055-159-TX	00055-159-RX
28	00043-085-TX	00043-085-RX	00043-167-TX	00043-167-RX
29	00047-085-TX	00047-085-RX	00047-167-TX	00047-167-RX
30	00051-085-TX	00051-085-RX	00051-167-TX	00051-167-RX
31	00055-085-TX	00055-085-RX	00055-167-TX	00055-167-RX
32	00043-093-TX	00043-093-RX	00043-175-TX	00043-175-RX
33	00047-093-TX	00047-093-RX	00047-175-TX	00047-175-RX
34	00051-093-TX	00051-093-RX	00051-175-TX	00051-175-RX
35	00055-093-TX	00055-093-RX	00055-175-TX	00055-175-RX
36	00043-101-TX	00043-101-RX	00043-183-TX	00043-183-RX
37	00047-101-TX	00047-101-RX	00047-183-TX	00047-183-RX
38	00051-101-TX	00051-101-RX	00051-183-TX	00051-183-RX
39	00055-101-TX	00055-101-RX	00055-183-TX	00055-183-RX

NOTE: FOR INFO ON THE TWO OPTIONAL TRCU3, BPN2 CIRCUIT PACKS IN POSITIONS 75 AND 83 REFER TO ENG. NOTE 56.

TABLE N7

DUAL FABRIC NCT LINKS FROM TRCU3 TO TSIU4 [610]				

*** CONTINUED ***

** CONTINUED **

TABLE N7					
CABLE DESIG	JL101	JL103	JL102	JL104	
NCT	TX/RX	TX/RX	TX/RX	TX/RX	
LINKS	SIDE 1		SIDE 2		
G20 J5D00 3EF-1	043-TX/RX	059-TX/RX	051-TX/RX	067-TX/RX	
	TX	RX	TX	RX	
	SIDE 0		SIDE 1		
SM ()	2	00051-018-TX	00051-018-RX	00051-106-TX	00051-106-RX
SMC 0					
TSIU4	3	00055-018-TX	00055-018-RX	00055-106-TX	00055-106-RX
J5D00	4	00043-026-TX	00043-026-RX	00043-114-TX	00043-114-RX
3EF-1					
	5	00047-026-TX	00047-026-RX	00047-114-TX	00047-114-RX
	6	00051-026-TX	00051-026-RX	00051-114-TX	00051-114-RX
	7	00055-026-TX	00055-026-RX	00055-114-TX	00055-114-RX
	8	00043-034-TX	00043-034-RX	00043-122-TX	00043-122-RX
	9	00047-034-TX	00047-034-RX	00047-122-TX	00047-122-RX
	10	00051-034-TX	00051-034-RX	00051-122-TX	00051-122-RX
	11	00055-034-TX	00055-034-RX	00055-122-TX	00055-122-RX
	12	00043-042-TX	00043-042-RX	00043-130-TX	00043-130-RX
	13	00047-042-TX	00047-042-RX	00047-130-TX	00047-130-RX
	14	00051-042-TX	00051-042-RX	00051-130-TX	00051-130-RX
	15	00055-042-TX	00055-042-RX	00055-130-TX	00055-130-RX
	16	00043-050-TX	00043-050-RX	00043-138-TX	00043-138-RX
	17	00047-050-TX	00047-050-RX	00047-138-TX	00047-138-RX
	18	00051-050-TX	00051-050-RX	00051-138-TX	00051-138-RX
	19	00055-050-TX	00055-050-RX	00055-138-TX	00055-138-RX
	20	00043-060-TX	00043-060-RX	00043-148-TX	00043-148-RX
	21	00047-060-TX	00047-060-RX	00047-148-TX	00047-148-RX
	22	00051-060-TX	00051-060-RX	00051-148-TX	00051-148-RX
	23	00055-060-TX	00055-060-RX	00055-148-TX	00055-148-RX
	24	00043-068-TX	00043-068-RX	00043-156-TX	00043-156-RX
	25	00047-068-TX	00047-068-RX	00047-156-TX	00047-156-RX
	26	00051-068-TX	00051-068-RX	00051-156-TX	00051-156-RX
	27	00055-068-TX	00055-068-RX	00055-156-TX	00055-156-RX
	28	00043-076-TX	00043-076-RX	00043-164-TX	00043-164-RX
	29	00047-076-TX	00047-076-RX	00047-164-TX	00047-164-RX
	30	00051-076-TX	00051-076-RX	00051-164-TX	00051-164-RX
	31	00055-076-TX	00055-076-RX	00055-164-TX	00055-164-RX
	32	00043-084-TX	00043-084-RX	00043-172-TX	00043-172-RX
	33	00047-084-TX	00047-084-RX	00047-172-TX	00047-172-RX

*** CONTINUED ***

** CONTINUED **

TABLE N7

34	00051-084-TX	00051-084-RX	00051-172-TX	00051-172-RX
35	00055-084-TX	00055-084-RX	00055-172-TX	00055-172-RX
36	00043-092-TX	00043-092-RX	00043-180-TX	00043-180-RX
37	00047-092-TX	00047-092-RX	00047-180-TX	00047-180-RX
38	00051-092-TX	00051-092-RX	00051-180-TX	00051-180-RX
39	00055-092-TX	00055-092-RX	00055-180-TX	00055-180-RX

NOTE: FOR INFO ON THE TWO OPTIONAL TRCU3, BPN2 CIRCUIT PACKS
IN POSITIONS 75 AND 83 REFER TO ENG. NOTE 56.

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BT13

OPTIC FIBER
INTERCABINET CABLING
FOR
MCTU3 TO CM1
AND
TRCU3 FOR CLASSIC
AND SM2000
SESS * SWITCH
*LUCENT TRADEMARK

DWG SIZE
C2

ISSUE
11

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