

**ENGINEERING NOTES**

51. SD5D014-02 IS THE CONTROLLING DOCUMENT FOR ALL 3B IOP PERIPHERAL CONTROL SLOT ASSIGNMENTS.

52. SEE J5D002A-1 OR J5D002A-2 & ED5D039-35 FOR PHYSICAL LOCATION OF VIDEO TERMINALS AND PRINTERS.

53. MAXIMUM CABLE LENGTHS TO BE 50 FT. CABLE LENGTHS TO THE DF MAY BE UP TO 500 FT.

54. REQUIRES 117V AC ESSENTIAL POWER, (3-WIRE 117V AC, N. GRD).

55. \$LINE ENG MAY SPECIFY UP TO SIX STLWS FOR 5E6 AND UNDER AND UP TO 14 STLWS FOR 5E7 AND LATER. REFER TO ED5D500-21 FOR CABLING ASSOCIATED WITH THE VIDEO DISPLAY TERMINAL AND PRINTER.\$

56. \$THE VIDEO TERMINAL AND PRINTER FOR AN MCC ARE ORDERED PER THE 378 JOB SPEC. THE SAME EQUIPMENT FOR A STLWS ARE ORDERED PER THE 385 JOB SPEC.\$

57. SEE ED5D522-35 NOTE 69.

58. REFER TO SD5D139-01 FOR DETAILS OF JACK LOCATIONS.

59. FOR DETAILS OF INTERFACE SEE ED5D522-35 FIG.11 (TTY A).

60. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.

62. THE DISTRIBUTING FRAME USED FOR THE REMOTE STLWS MAY BE THE 5ESS OR ANOTHER IN AN OFFICE AS DETERMINED APPROPRIATE FOR WIRING NEEDS.

63. TWO 4 WIRE DEDICATED FACILITIES MUST BE USED. ANALOG OR DIGITAL FACILITIES MAY BE USED, HOWEVER, WHEN DIGITAL FACILITIES ARE USED, A DIGITAL TO ANALOG CONVERSION WOULD BE REQUIRED. (829 DAS IS ANALOG).

64. THE TEST ACCESS UNIT (TAU) MAY BE USED WITH A REMOTE STLWS OR MCC IN THE MAXIMUM DC LOOP FOR THE DC JACKS REMAINS UNDER 300 OHMS. THIS RESISTANCE LIMIT INCLUDES THE TOTAL LOOP OF THE LINE OR TRUNK. FOR EXAMPLE, A REMOTE STLWS COULD BE 200 FT. FROM THE IOP IN A MULTIFLOOR OFFICE AND STILL HAVE A (TAU).

65. WHEN THE REMOTE STLWS OR MCC IS USED. THE 3B20D EQUIPMENT CONFIGURATION DATA BASE (ECD) MUST BE CHANGED ON SITE TO REFLECT 1200 BAUD OPERATION. THE REMOTE PRINTER AND REMOTE STLWS BOTH OPERATE AT 1200 BAUD.

66. \$THIS FIGURE IS FOR INFORMATION ONLY. SD5D142-01 AND J5D002A-1 OR J5D002A-2 CONTAIN ORDERING INFORMATION.\$

67. SPECIAL ROUTING IS REQUIRED TO PERMIT ONLY THE DIRECT CONNECT LINE TO ACCESS THIS LEN.

68. THIS ARRANGEMENT USES THE TTY-B CHANNEL AND THE TTY-A CHANNEL WILL BE USED AT THE HOST FOR BELTLINE MAINTENANCE.

69. REQUIRES DATAPHONE TO ORIGINATE AND MONITOR FOR BUSY SIGNAL. THE 212 DATA SET NEEDS LOW SPEED (300 BAUD), ORIGINATE MODE, AND DISCONNECT ON LOSS OF CARRIER OPTIONS.

70. THE 212 DATA SET AT TERMINATING END NEEDS DISCONNECT ON LOSS OF CARRIER, 300 BAUD, AND ANSWER MODE OPTIONS.

71. SEE SD5D071-01 AS9 FOR ROP ARRANGEMENT.  
----- CONTINUED ON NEXT SHEET -----

**ISSUE NOTES (CONTINUED)**

(H8483) LINE OUT ENGINEERING NOTES 55,56,77,83 AND 84. NOTE 499 AND 500 ADDED. ADD 4D TO GROUP H DESCRIPTION. NEW CABLING INFORMATION IS ADDED TO THE FOLLOWING GRAPHIC SHEETS B1 AND B12. GROUPS 1B,2B,4D,6A,7A NOTE 499 ADDED. STOCKLIST ITEMS 1002,1035,1095,1141,1151,1210,1245,1250 CHANGES "S" TO "X". TABLE A GROUPS C,D,F,H ENGINEERING NOTES 499 AND 500 ADDED.

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: WFB ENGR: WFB SUPV: RMB CERTIFIED: 07/09/99 ISSUE: 9

(H8483) TABLE A: GROUP 4D WAS RATED TO 'DA'.

ORIG ISS: 07/06/92 CHANGE CLASS: ME  
DRAFT: RAR ENGR: RAR SUPV: RMB CERTIFIED: 10/19/99 ISSUE: 10

(H09163) IN TABLE A REMOVE NOTE 500 FROM GROUP 2B, F AND H. IN GROUP C AND D THE WORDING CHANGED FROM "IN ADDITION TO" TO "TO PROVIDE".

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: PWW ENGR: PWW SUPV: DML CERTIFIED: 08/14/00 ISSUE: 11

(H09163) ISSUE 11W1 WAS ERRONEOUSLY CERTIFIED AS FULL ISSUE #11. THIS ISSUE, 12W1, RECTIFIED THE MIS-ISSUE OF 11 AND CORRECTED THE MISSING 11 X 17 WHEN ISSUE 12W0 WAS CERTIFIED. ADDITIONALLY, RESTORED NOTE 499 TO GROUP 2B, F AND H. (NOTE 499 WAS REMOVED FROM THESE THREE GROUPS ACCIDENTLY.)

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: PWW ENGR: PWW SUPV: DML CERTIFIED: 09/22/00 ISSUE: 12

**ISSUE NOTES**

ORIG ISS: 07/06/92 NDD NBR: NDD5D522NW-40 CHANGE CLASS: M  
DRAFT: TMR ENGR: TMR SUPV: EJZ CERTIFIED: 07/06/92 ISSUE: 1

GROUP 3,4,5 & A RATING WAS STANDARD; GROUPS 4A,6 7 8 E & F ADDED, SHT B12 FIG. 9 ADDED.

ORIG ISS: 07/06/92 NDD NBR: NDD5D071NW-1 CHANGE CLASS: B  
DRAFT: TMR ENGR: TMR SUPV: PK CERTIFIED: 10/16/92 ISSUE: 2

PARTS OF FIG'S 4 & 5 RERATED TO "DA" NEW FIG'S 10 & 11 ADDED TO SHOW NEW CONNECTING INFORMATION FOR STLWS AND REMOTE MAINT.

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: TMR ENGR: TMR SUPV: PK CERTIFIED: 04/13/93 ISSUE: 3

IN TABLE A, GROUP E, DESCRIPTION, REF TO GROUP 4A REMOVED; STOCKLIST ITEM 1000 LINED OUT, ITEM 1001 ADDED. CHANGED FIGURES 1,4,5,6 AND 11 (H7159) IN TABLE A GROUP 4A AND 8 DA'ED AND GROUP 4B AND 9 ADDED. IN STOCKLIST ITEM 1092 AND 1230 ADDED. ADDED ENGINEERING NOTE 82.

ORIG ISS: 07/06/92 CHANGE CLASS: ME  
DRAFT: JAP ENGR: JAP SUPV: CERTIFIED: 02/28/94 ISSUE: 4

(H7530) MODIFIED NOTES 57 AND 59. IN TABLE A GROUPS 2,4B,7,9,B AND E RATED 'DA', GROUPS 2A,4C,7A AND G ADDED, GROUPS C AND D MODIFIED. IN STOCKLIST ITEMS 1093,1240 AND 1250 ADDED, ITEM 1031 MODIFIED. MODIFIED GRAPHIC FIGS. 1,2,3,4,5,6,7,8,9,10 AND 11.

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: JAP ENGR: JAP SUPV: PK CERTIFIED: 06/09/95 ISSUE: 5

(H7716) IN GRAPHICS MODIFIED FIGURES 1,2,3,6,9,10 AND 11. IN ENGINEERING NOTES MODIFIED NOTE 77.

ORIG ISS: 07/06/92 CHANGE CLASS: ME  
DRAFT: JAP ENGR: JAP SUPV: RGM CERTIFIED: 05/31/96 ISSUE: 6

(H7912) ADDED EFFECTED DATE TO TABLE A. GROUP 1. AND IN STOCKLIST MODIFIED ITEM 1031. CHANGE PROPRIETARY CODE TO 23 AND UPDATE ALL GRAPHIC SHEETS TO LUCENT TECHNOLOGIES. IN TABLE A. GROUP 1 WAS RATED 'STANDARD',GROUP 1A WAS ADDED. IN STOCKLIST ADD ITEM 1002. IN GRAPHICS MODIFIED FIGURES 1,5 AND 11.

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: WFB ENGR: WFB SUPV: RGM CERTIFIED: 03/25/97 ISSUE: 7

(H8202)IN TABLE A, ADD GROUPS 1B,2B,4D,6A,H AND "DA" GROUPS 1A,2A ,4C,6,G. ADD STOCKLIST ITEMS 1035, 1245,1095. LIST 1B ADDED TO STOCKLIST ITEM 1002. LIST 2B ADDED TO STOCKLIST ITEM 1250. MODIFY GRAPHICS SHEETS B1,B2,B3,B9,B10,B11,B12,B13,B14,B15,B16 ACCORDINGLY.

ORIG ISS: 07/06/92 CHANGE CLASS: B  
DRAFT: WFB ENGR: WFB SUPV: RMB CERTIFIED: 08/28/98 ISSUE: 8

**SHEET INDEX**

SHT NBR	A1 THRU A3											ISSUE 12										
ISSUE	D1 THRU D1											ISSUE 12										
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16						
ISSUE	9	8	8	7	7	8	7	7	8	8	8											
SHT NBR	B12	B13	B14	B15	B16																	
ISSUE	9	8	8	8	8																	
SHT NBR																						
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REPLACES ED5D522-32

BT13

5ESS SWITCHING EQUIPMENT  
INPUT/OUTPUT TERMINAL CONNECTION  
FOR  
OPERATING SUPPORT SYSTEM

DWG SIZE C2	ISSUE 12
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LUCENT TECHNOLOGIES INC ED5D522-34 SHEET A1 OF 20

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
EQUIPMENT FOR ONE SUPPLEMENTARY TRUNK LINE WORK STATION. PROVIDES ONE COLOR VIDEO TERMINAL FOR STLWS APPLICATIONS AND ONE MODEL 572 PRINTER. DA EFF:03/25/97 FE:ED5D522-34,G1A	55 56	DA	1	1	ED5D522-34	1,5, 11			SD5D071-01	AS11	
EQUIPMENT FOR ONE SUPPLEMENTARY TRUNK LINE WORK STATION. PROVIDES ONE COLOR VIDEO TERMINAL FOR STLWS APPLICATIONS AND ONE MODEL 572 PRINTER. DA EFF:08/28/98 FE:ED5D522-34,G1B	55 56	DA	1A	1	ED5D522-34	1,5, 11			SD5D071-01	AS11	
EQUIPMENT FOR ONE SUPPLEMENTARY TRUNK LINE WORK STATION. PROVIDES ONE COLOR VIDEO TERMINAL FOR STLWS APPLICATIONS AND ONE 10 INCH PRINTER. REPL:ED5D522-34 G1A	499		1B	1	ED5D522-34	1,5, 11			SD5D071-01	AS11	
EQUIPMENT FOR ONE RECENT CHANGE VERIFY LOCAL ARRANGEMENT. PROVIDES ONE VIDEO TERMINAL AND ONE READ ONLY TERMINAL. DA EFF:06/09/95 FE:ED5D522-34,G2A	56	DA	2	1	ED5D522-34	2			SD5D071-01	AS13	
EQUIPMENT FOR ONE RECENT CHANGE VERIFY LOCAL ARRANGEMENT. PROVIDES ONE VIDEO TERMINAL AND ONE PRINTER. DA EFF:08/28/98 FE:ED5D522-34,G2B	56	DA	2A	1	ED5D522-34	2			SD5D071-01	AS13	
EQUIPMENT TO PROVIDE ONE RECENT CHANGE VERIFY LOCAL ARRANGEMENT AND ONE VIDEO TERMINAL AND ONE PRINTER. CAN BE E/W (ED5D522-34, GC OR GD) CABLE REPL:ED5D522-34,G2A	499		2B	1	ED5D522-34	2			SD5D071-01	AS13	
EQUIPMENT FOR ONE OFFICE RECORD PRINTER. DA EFF:10/16/92 FE:ED5D522-34,GF		DA	3	1	ED5D522-34	3			SD5D071-01	AS19	
EQUIPMENT REQUIRED TO PROVIDE ONE MOBILE CART FOR A REMOTE SWITCHING MODULE APPLICATION (RSM). DA EFF:10/16/92 FE:ED5D522-34,G4A		DA	4	1	ED5D522-34	4			SD5D071-01	AS12 AS20	
EQUIPMENT REQUIRED TO PROVIDE ONE MOBILE CART FOR A REMOTE SWITCHING MODULE APPLICATION (RSM). DA EFF:02/28/94 FE:ED5D522-34,G4B		DA	4A	1	ED5D522-34	4			SD5D071-01	AS12 AS20	
EQUIPMENT REQUIRED TO PROVIDE ONE MOBILE CART FOR A REMOTE SWITCHING MODULE APPLICATION (RSM). DA EFF:06/09/95 FE:ED5D522-34,G4C		DA	4B	1	ED5D522-34	4			SD5D071-01	AS12 AS20	
EQUIPMENT REQUIRED TO PROVIDE ONE MOBILE CART FOR A REMOTE SWITCHING MODULE APPLICATION (RSM). DA EFF:08/28/98 FE:ED5D522-34,G4D		DA	4C	1	ED5D522-34	4			SD5D071-01	AS12 AS20	
EQUIPMENT REQUIRED TO PROVIDE ONE MOBILE CART FOR A REMOTE SWITCHING MODULE APPLICATION (RSM). REPL:ED5D522-34 G4C DA EFF:10/22/99 FE/RA:NONE	499	DA	4D	1	ED5D522-34	4			SD5D071-01	AS12 AS20	
EQUIPMENT FOR ONE TRAFFIC PRINTER. DA EFF:10/16/92 FE:ED5D522-34,GF		DA	5	1	ED5D522-34	6			SD5D071-01	AS23	

TABLE-A CONTINUED

ED5D522-34

ENGINEERING NOTES

\*\*\*\*\* CONTINUED \*\*\*\*\*

72. SEE SD5D071-01 AS10 FOR MTTY ARRANGEMENT.
73. WHEN THESE FEATURES ARE LOCATED WITHIN 50 FT. OF A 5 ESS, A PROVISION FOR PROTECTED AC IS MADE. HOWEVER, WHEN THE ROP AND MTTY ARE MOVED SOME DISTANCE AWAY, THE VOLTAGE DROP FROM THE INVERTER MAKES IT IMPRACTICAL TO ROUTE THE PROTECTED AC TO THESE LOCATIONS. IF PROTECTED AC IS DESIRED FOR MCC FUNCTIONS, A SECOND INVERTER SHOULD BE LOCATED AT THE REMOTE SITE. ALSO, ADDITIONAL BATTERY BACKUP AND ASSOCIATED SUPPORT EQUIPMENT WOULD BE REQUIRED.
75. THE 212A DATA SET MUST BE OPTIONED TO DISCONNECT UPON LOSS OF CARRIER, 1200 BAUD OPERATION AND ANSWER MODE.
76. SEPARATE PORTS OF THE TN74B CIRCUIT PACK ARE USED FOR PRINTERS AND VIDEO DISPLAY TERMINALS,SEE FIG. 1.
77. \$FOR CABLING REFER TO ED5D500-21.\$
78. T SWITCH MAY BE INMAC MODEL 1901 COMCODE 405910944 OR EQUIVALENT.
81. THE 572 PRINTER AND CONNECTING CABLE IS ONLY REQUIRED WHEN PAPER PRINTOUTS ARE DESIRED OF THE INFORMATION BEING DISPLAYED ON THE TERMINAL.
82. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATE HORIZONTALLY LINED OUT INFORMATION.
83. \$ THE 320-TURBO PRINTER AND CONNECTING CABLE IS ONLY REQUIRED WHEN PAPER PRINTOUTS ARE DESIRED OF THE INFORMATION BEING DISPLAYED ON THE TERMINAL.\$
84. \$THE OKIDATA 320-TURBO PRINTER (CC-407937309) COME EQUIPPED WITH SERIAL INTERFACE BOARD (CC-406869370) FROM VECMAR COMPUTER SOLUTIONS, 7595 JENTHER DRIVE, MENTOR, OHIO 44060.\$
499. A. LINE ENGINEER MAY SPECIFY UP TO SIX STLWS FOR 5E6 AND UNDER AND UP TO 14 STLWS FOR 5E7 AND LATER. REFER TO ED5D500-21 FOR CABLING ASSOCIATED WITH THE VIDEO DISPLAY TERMINAL AND PRINTER.  
 B. THE VIDEO TERMINAL AND PRINTER FOR AN MCC ARE ORDERED PER THE 378 JOB SPEC. THE SAME EQUIPMENT FOR A STLWS ARE ORDERED PER THE 385 JOB SPEC.  
 C. FOR CABLING REFER TO ED5D500-21.  
 D. THE 320-TURBO PRINTER AND CONNECTING CABLE IS ONLY REQUIRED WHEN PAPER PRINTOUTS ARE DESIRED OF THE INFORMATION BEING DISPLAYED ON THE TERMINAL.  
 E. THE OKIDATA 320-TURBO PRINTER (CC-407937309) COME EQUIPPED WITH SERIAL INTERFACE BOARD (CC-406869370) FROM VECMAR COMPUTER SOLUTIONS, 7595 JENTHER DRIVE, MENTOR, OHIO 44060.  
 F. THIS FIGURE IS FOR INFORMATION ONLY. SD6D142-01 AND J5D002A-1 OR J5D002A-2 CONTAIN ORDERING INFORMATION.
500. THIS GROUP MAY BE SPECIFIED AS A MAIN OR SUPPLEMENTAL ITEM.

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BT13

5ESS SWITCHING EQUIPMENT  
INPUT/OUTPUT TERMINAL CONNECTION  
FOR  
OPERATING SUPPORT SYSTEM

DWG SIZE C2 ISSUE 12

LUCENT TECHNOLOGIES INC ED5D522-34

SHEET A2 OF 20

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 ONE CUSTOMER ORIGINATED TRACE (COT) TERMINAL. DA EFF:08/28/98 FE:ED5D522-34,G6A		DA	6	1	ED5D522-34	9			SD5D071-01	AS27	
EQUIPMENT REQUIRED TO PROVIDE ONE CUSTOMER ORIGINATED TRACE 10 IN PRINTER REPL:ED5D522-34 G6	499		6A	1	ED5D522-34	9			SD5D071-01	AS27	
EQUIPMENT REQUIRED TO PROVIDE REMOTE MAINTENANCE VIA THE BELTLINE TTY-B CHANNEL. DA EFF:06/09/95 FE:ED5D522-35,G7A		DA	7	1	ED5D522-34	4,10			SD5D071-01	AS20	
EQUIPMENT REQUIRED TO PROVIDE REMOTE MAINTENANCE VIA THE BELTLINE TTY-B CHANNEL. REPL:ED5D522-34 G7	499		7A	1	ED5D522-34	4,10			SD5D071-01	AS20	
EQUIPMENT REQUIRED IN ADDITION TO LIST 4A. PROVIDES DIAL-UP ACCESS TO THE MOBILE CART. DA EFF:02/28/94 FE:ED5D522-34,G9		DA	8	1	ED5D522-34	4			SD5D071-01	AS12	
EQUIPMENT REQUIRED IN ADDITION TO GROUP 4B. PROVIDES DIAL-UP ACCESS TO THE MOBILE CART. DA EFF:06/09/95 FE/RA:NONE		DA	9	1	ED5D522-34	4			SD5D071-01	AS12	
REQUIRED IN ADDITION TO GROUP 3 OR 5. PROVIDES ONE MODEL 444 ACOUSTIC TRIPLE INTERFACE "TOP PAPER EXIT" LINE PRINTER. DA EFF:10/16/92 FE:ED5D522-34,GF		DA	A								
REQUIRED IN ADDITION TO GROUP 2 OR 7 WHEN A \$7 FOOT\$ 6 FOOT CABLE IS REQUIRED. DA EFF:06/09/95 FE/RA:NONE	82	DA	B								
EQUIPMENT REQUIRED TO PROVIDE GROUPS 2A, 2B AND/OR 7, 7A WITH A 10 FOOT CABLE.	499		C								
EQUIPMENT REQUIRED TO PROVIDE GROUPS 2A, 2B AND/OR 7, 7A WITH A 25 FOOT CABLE.	499		D								
ALWAYS REQUIRED IN ADDITION TO GROUP 2 OR 4. PROVIDES ONE 715/4425 TERMINAL. DA EFF:06/09/95 FE/RA:NONE		DA	E								
EQUIPMENT REQUIRED FOR ONE TRAFFIC OR OFFICE RECORD PRINTER.	499		F	1	ED5D522-34	3,6			SD5D071-01	AS19 AS23	
EQUIPMENT REQUIRED IN ADDITION TO GROUP 4C. (PROVIDES 572 PRINTER) DA EFF:08/28/98 FE:ED5D522-34,GH	81	DA	G						SD5D071-01	AS12	
EQUIPMENT REQUIRED TO PROVIDE MOBILE CART WITH GROUP 4C OR 4D. (PROVIDES A 10 INCH PRINTER) REPL:ED5D522-34,GG	499		H	1					SD5D071-01	AS12	

END OF TABLE-A

ED5D522-34

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5ESS SWITCHING EQUIPMENT  
INPUT/OUTPUT TERMINAL CONNECTION  
FOR  
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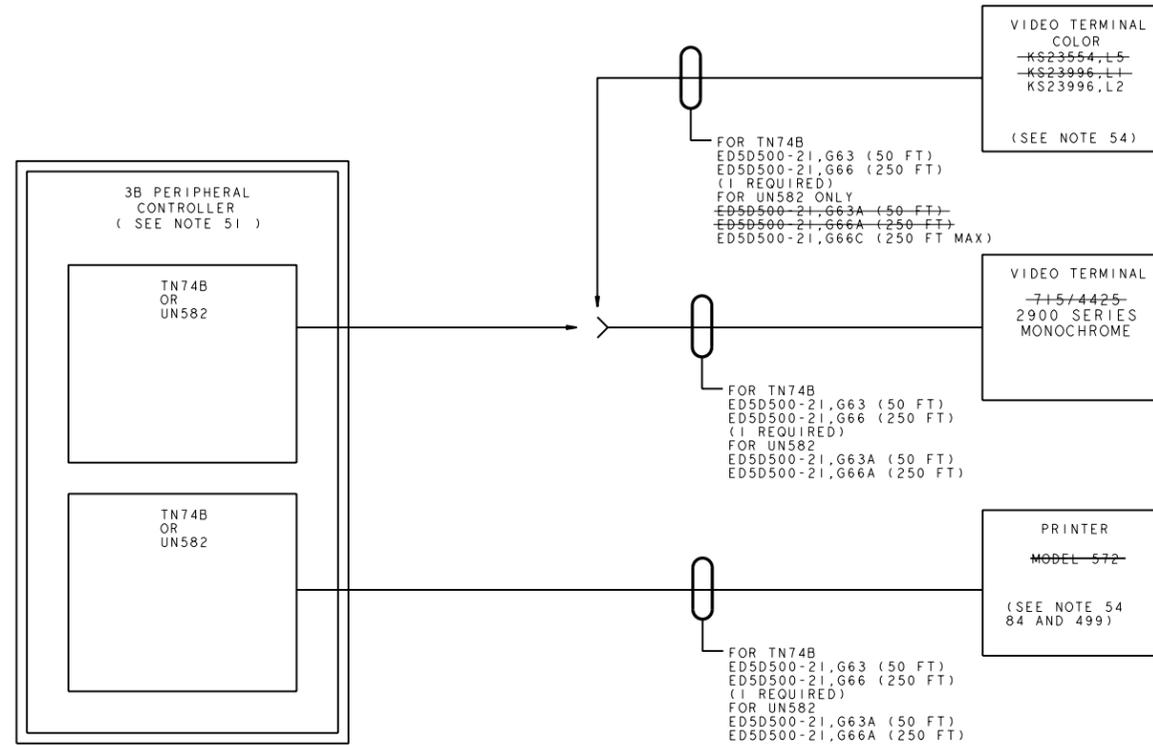
DWG SIZE C2 ISSUE 12

LUCENT TECHNOLOGIES INC ED5D522-34

SHEET A3 OF 20

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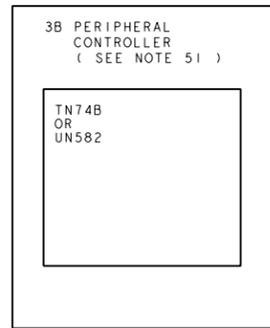
FIG. 1  
 STLWS 1 THRU 6  
 TYPICAL DATA SET ARRANGEMENT FOR  
 INTERFACING TO THE 3B20D OR 3B21D PROCESSOR  
 (SEE NOTES 52, 53, 64 & 65)



PROJ-EGEDFORM.FRM-FEB 96

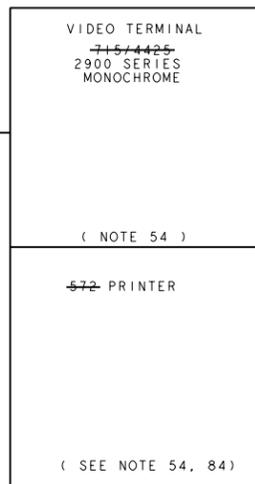
ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 9
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B1
MODEL NAME		

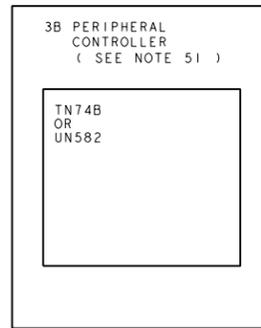


FOR TN74B  
ED5D500-21,G63  
( 1 REQD )  
FOR UN582  
ED5D500-21,G63A  
( 1 REQD )

FIG. 2  
RCV LOCAL  
TYPICAL ARRANGEMENT FOR  
INTERFACING TO THE 3B20D OR 3B21D PROCESSOR  
( NOTE 52,53 )

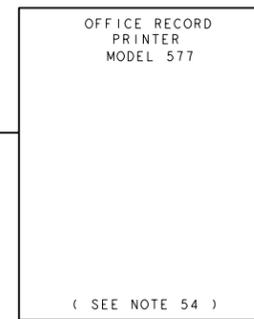


~~104295001 (6 FT)~~  
102269677 (10 FT)  
102986643 (25 FT)



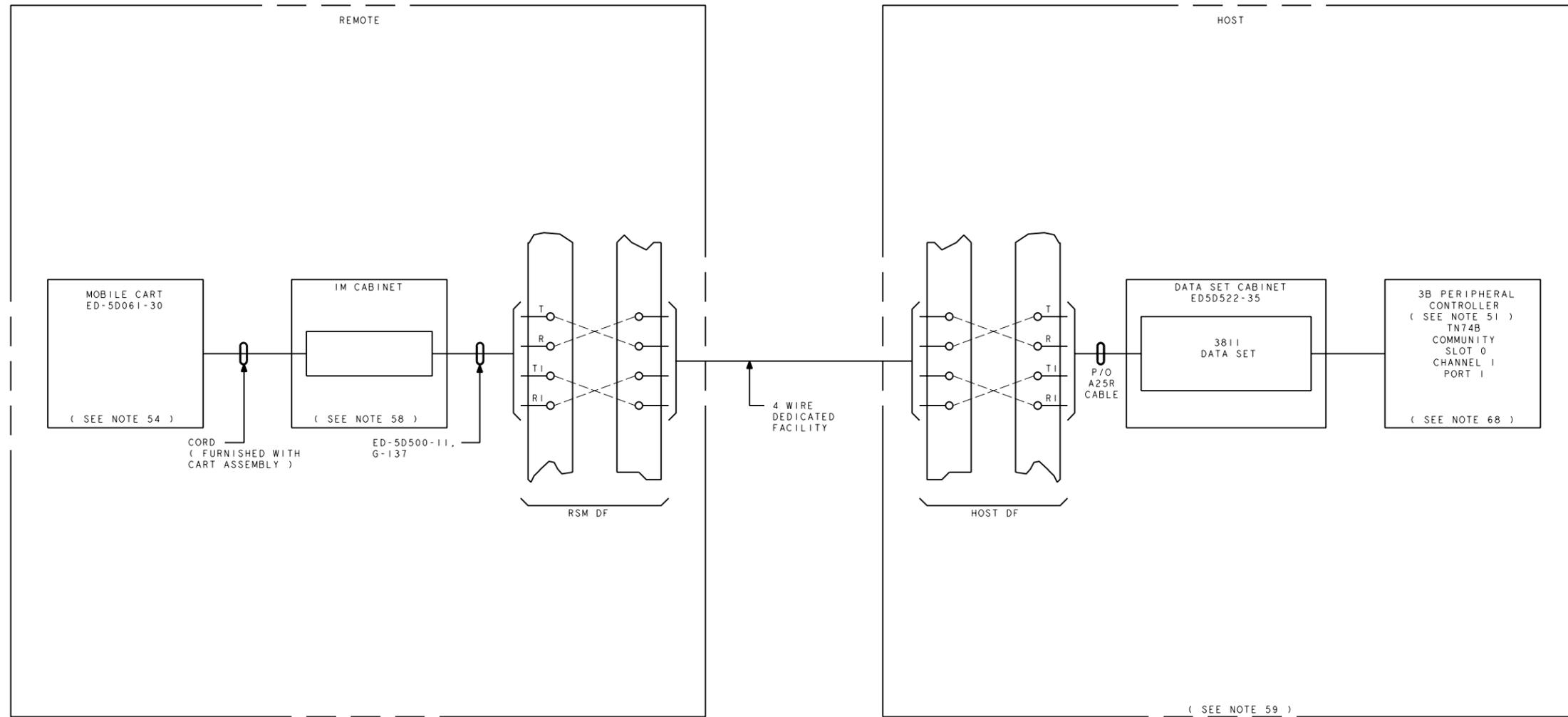
FOR TN74B  
ED5D500-21,G63 (50 FT)  
ED5D500-21,G66 (250 FT)  
FOR UN582  
ED5D500-21,G63A (50 FT)  
ED5D500-21,G66A (250 FT)

FIG. 3  
TYPICAL ARRANGEMENT FOR OFFICE RECORD  
PRINTER ( ORP ) LOCATED WITHIN 50 FEET  
OF THE 3B20D OR 3B21D PROCESSOR  
( NOTE 51,53,57 )



FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34 MODEL NAME	SHEET NO. B2

FIG. 4  
TYPICAL ARRANGEMENT FOR A SINGLE DEDICATED  
REMOTE SWITCHING MODULE ( RSM )  
INTERFACE TO 3B20D OR 3B21D PROCESSOR

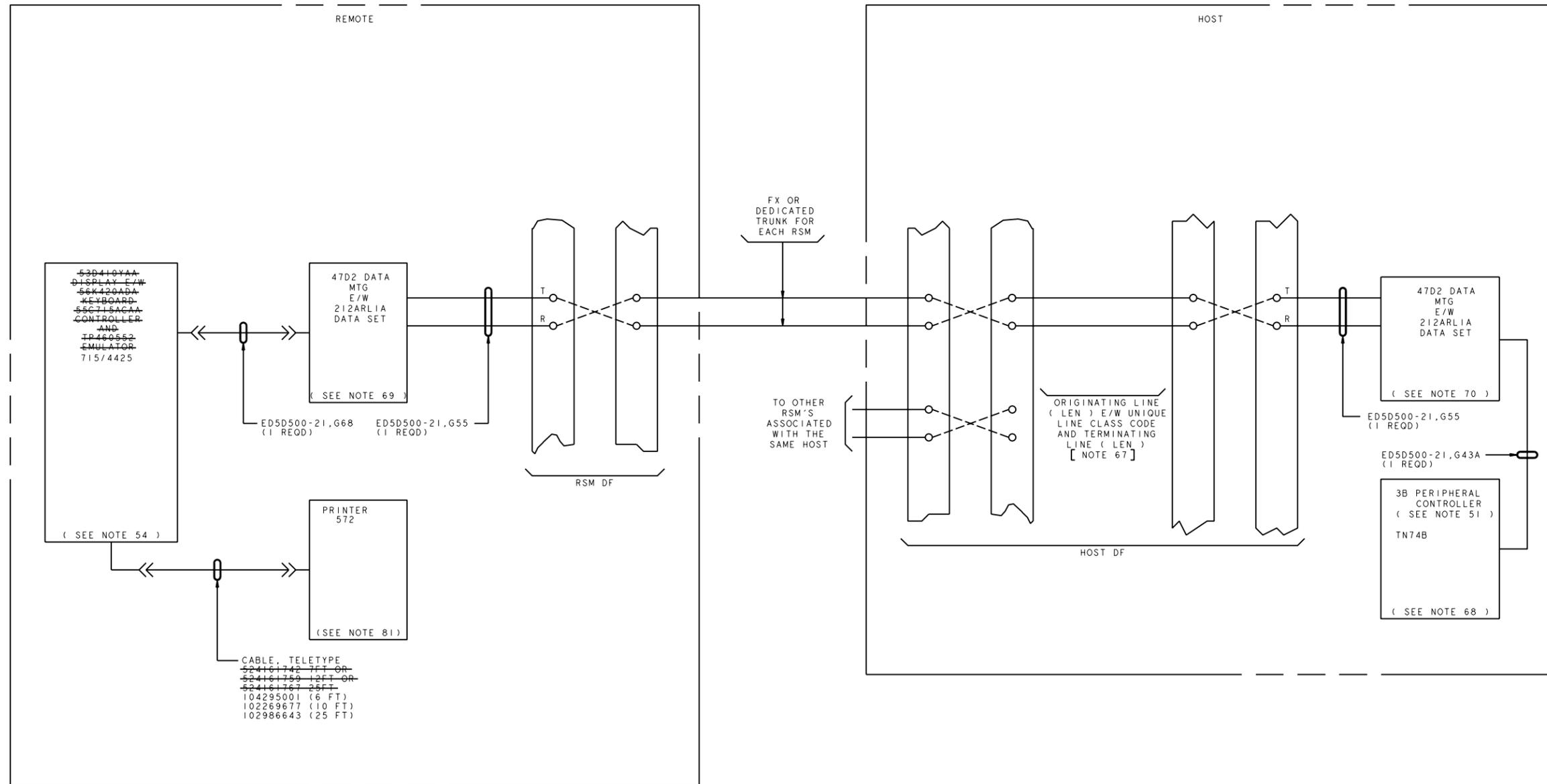


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
I/O TERM CONNECTION FOR OSS			
DWG SIZE C2	ISSUE 8	SHEET NO. B3	
LUCENT TECHNOLOGIES	ED5D522-34	MODEL NAME	

FIG. 4 (CONT'D) ( DA )  
 TYPICAL ARRANGEMENT FOR REMOTE  
 MAINTENANCE VIA BELTLINE TTY-B CHANNEL  
 HOST PROVIDES SWITCHED ACCESS

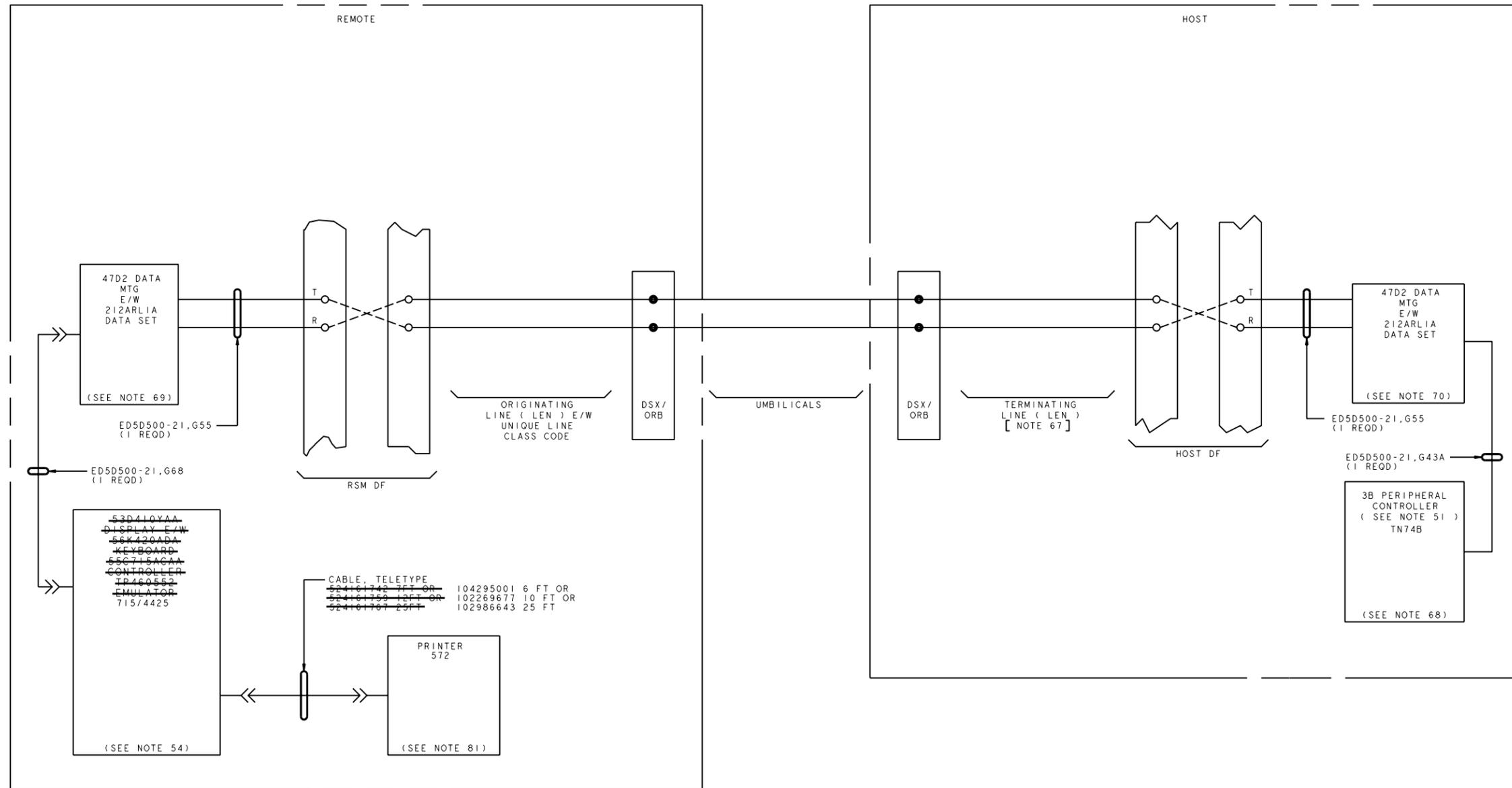


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ	
I/O TERM CONNECTION FOR OSS			
DWG SIZE C2	ISSUE 7	SHEET NO. B4	
LUCENT TECHNOLOGIES	ED5D522-34	MODEL NAME	

FIG. 4 (CONT'D) ( DA )  
TYPICAL ARRANGEMENT FOR REMOTE  
MAINTENANCE VIA BELTLINE TTY-B  
CHANNEL RSM PROVIDES SWITCHED  
ACCESS

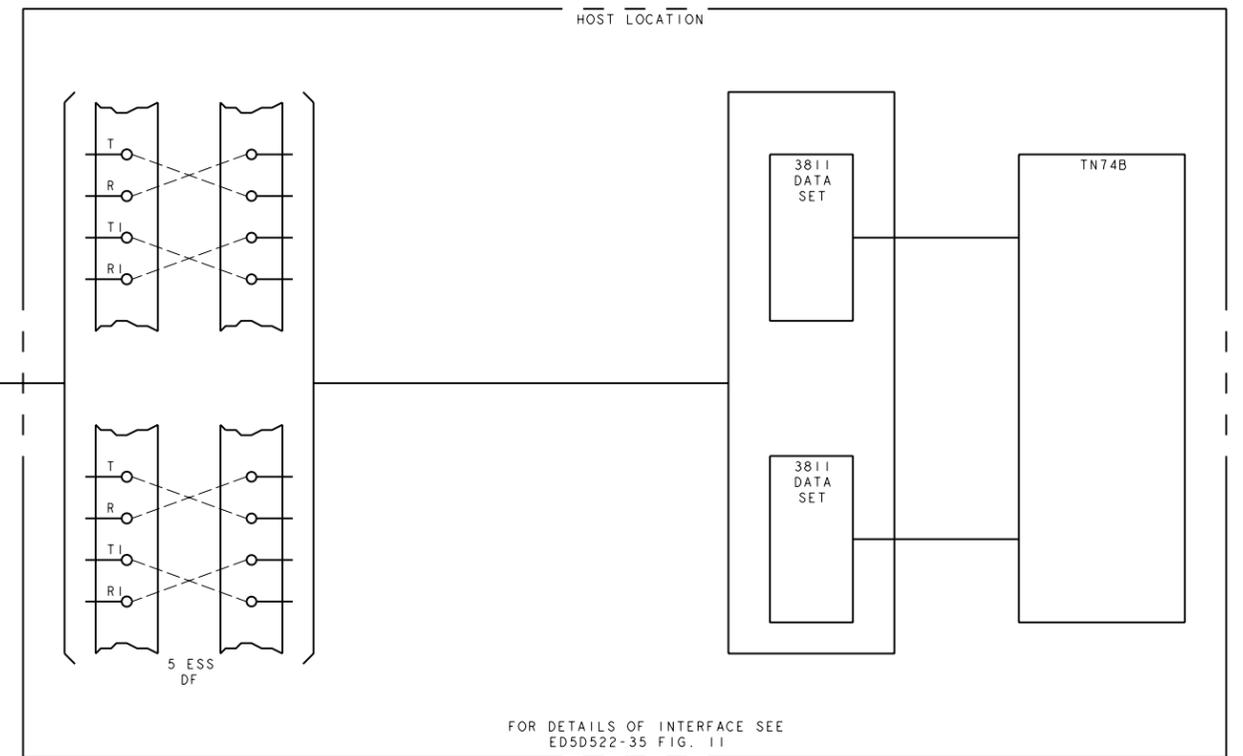
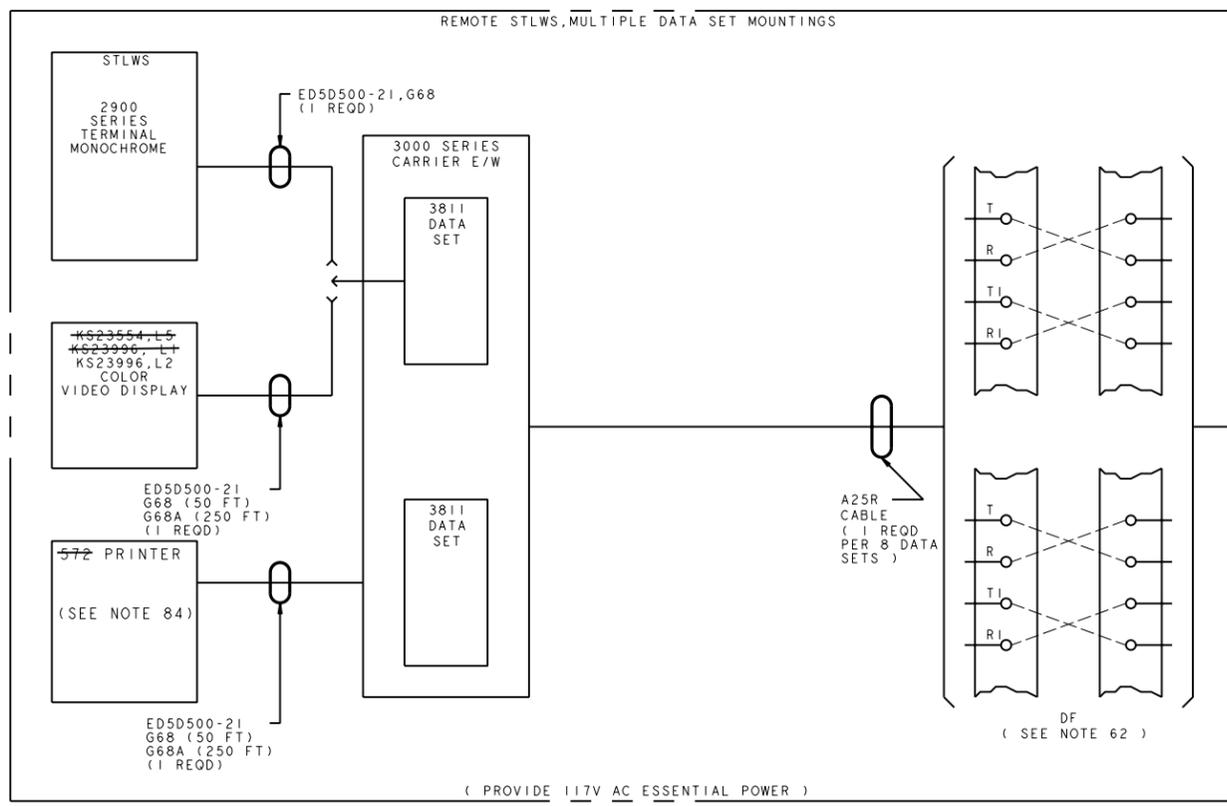
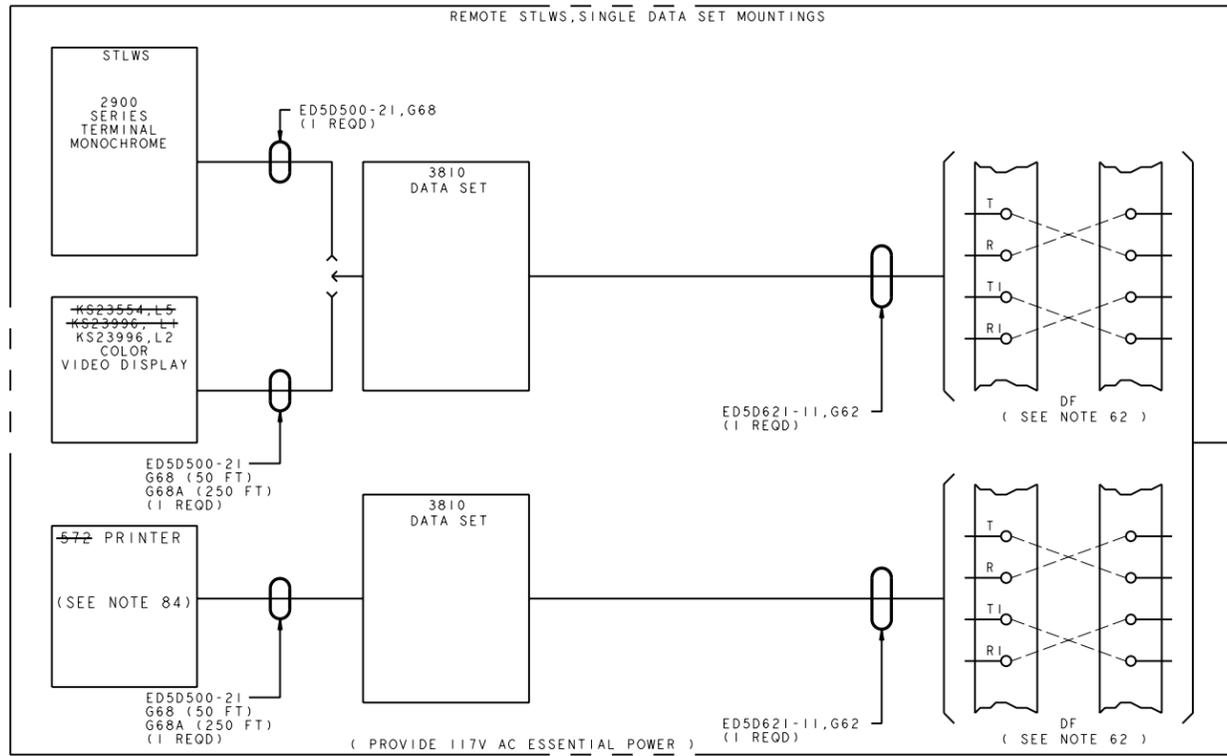


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
I/O TERM CONNECTION FOR OSS			
DWG SIZE C2	ISSUE 7	SHEET NO. B5	
LUCENT TECHNOLOGIES	ED5D522-34	MODEL NAME	

FIG. 5  
TYPICAL ARRANGEMENT FOR DEDICATED  
REMOTE STLWS ( OVER 250 FEET )  
SEE NOTES 55,64,65,66

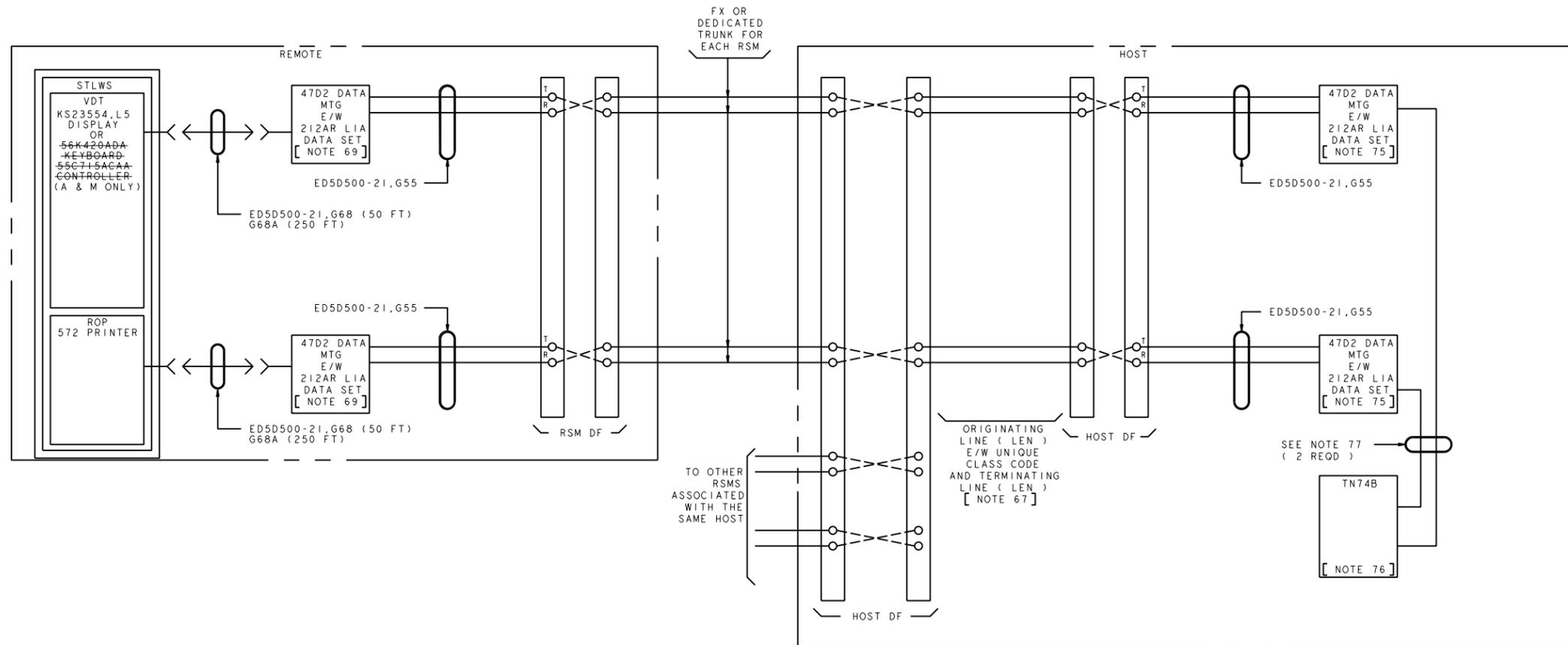


PROJ-EGEDFORM, FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ ⊕	
I/O TERM CONNECTION FOR OSS		DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES		ED5D522-34	SHEET NO. B6
MODEL NAME			

FIG. 5 ( CONT'D ) ( DA )  
TYPICAL ARRANGEMENT FOR  
REMOTE STLWS ( OVER 250 FT. )  
HOST PROVIDED SWITCHED ACCESS

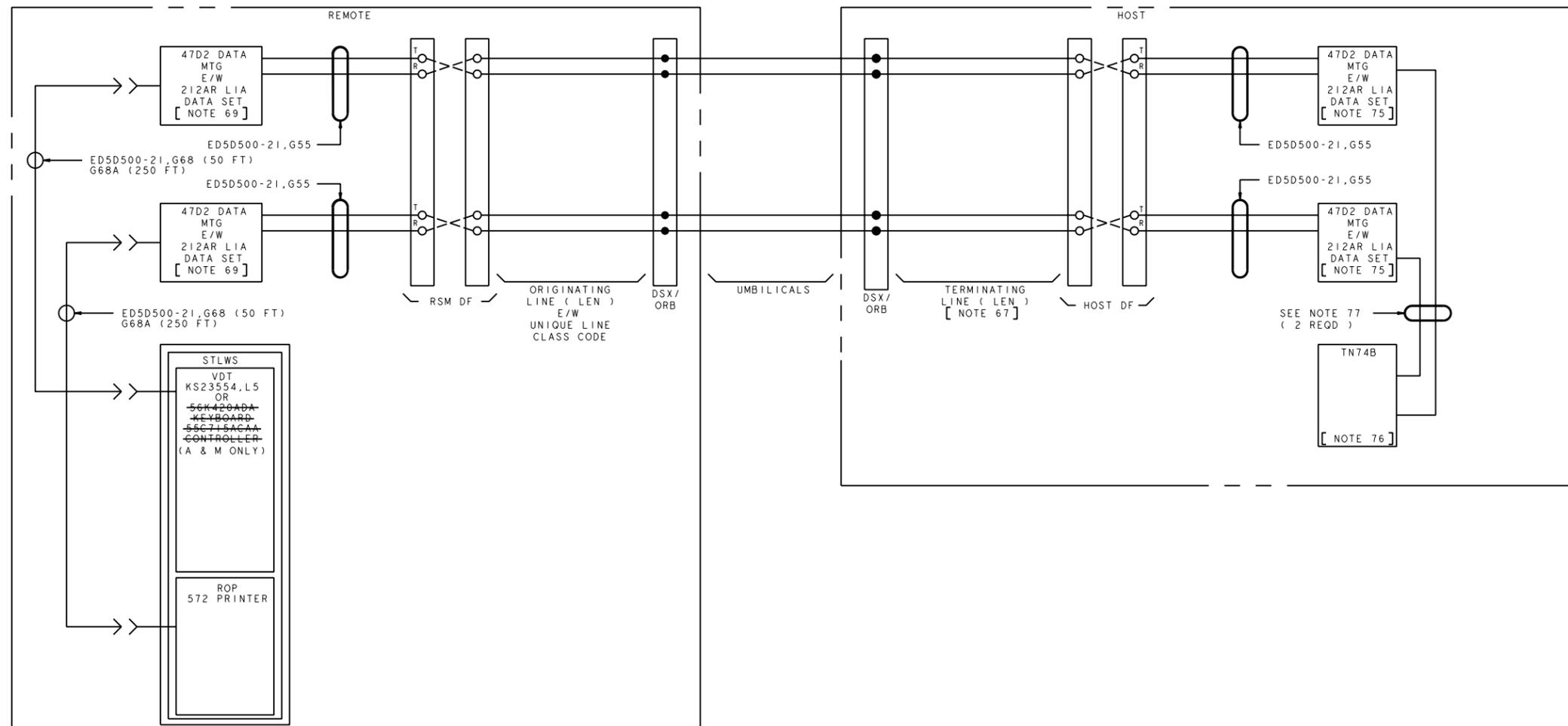


PROJ-EGEDFORM, FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS		THIRD ANGLE PROJ 
DWG SIZE C2	ISSUE 7	SHEET NO. B7
LUCENT TECHNOLOGIES	ED5D522-34	MODEL NAME

FIG. 5 ( CONT'D ) ( DA )  
 TYPICAL ARRANGEMENT FOR  
 REMOTE STLWS ( OVER 250 FT )  
 RSM PROVIDES SWITCHED ACCESS

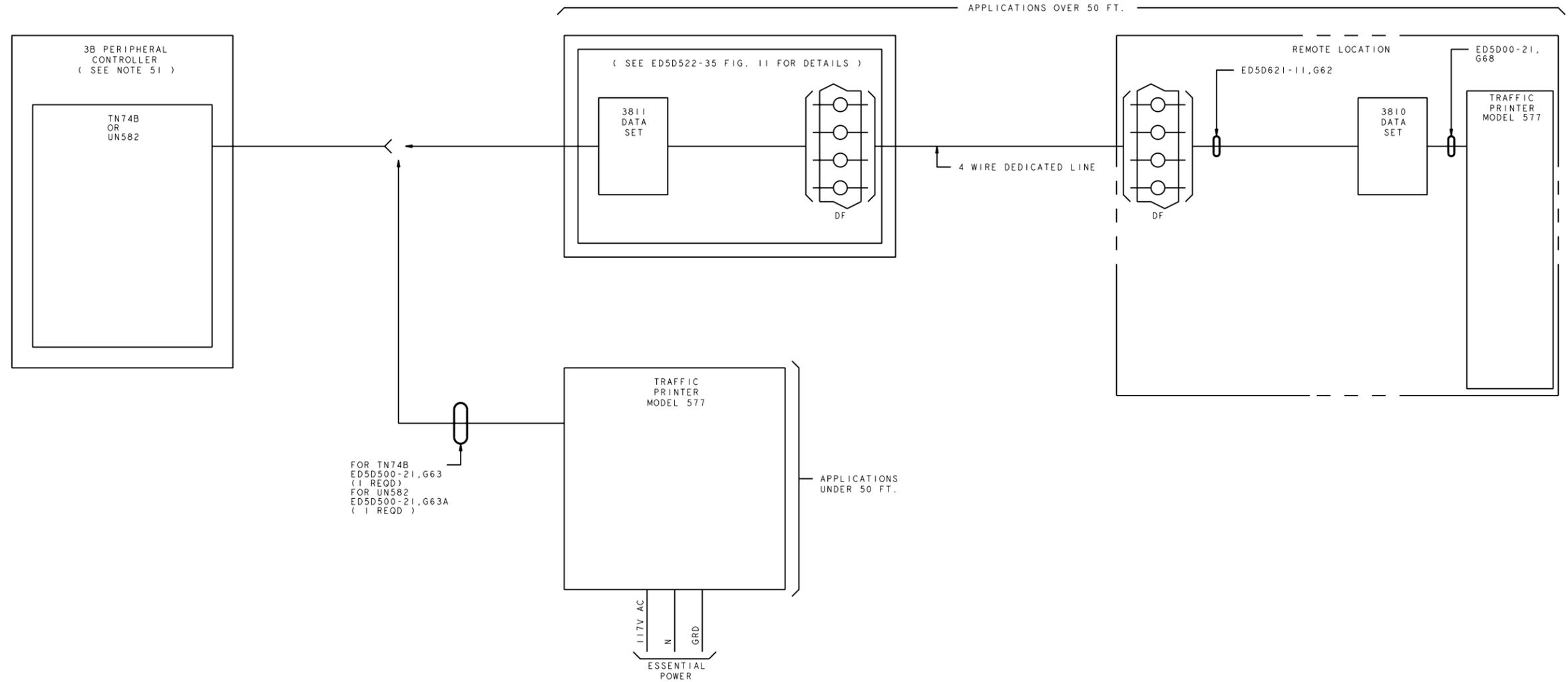


PROJ-EOEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJN 	
(P)	DWG SIZE C2	ISSUE 7
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B8
MODEL NAME		

FIG. 6  
TYPICAL ARRANGEMENT FOR  
TRAFFIC CHANNEL REMOTE &  
LOCAL ( 50 FT )

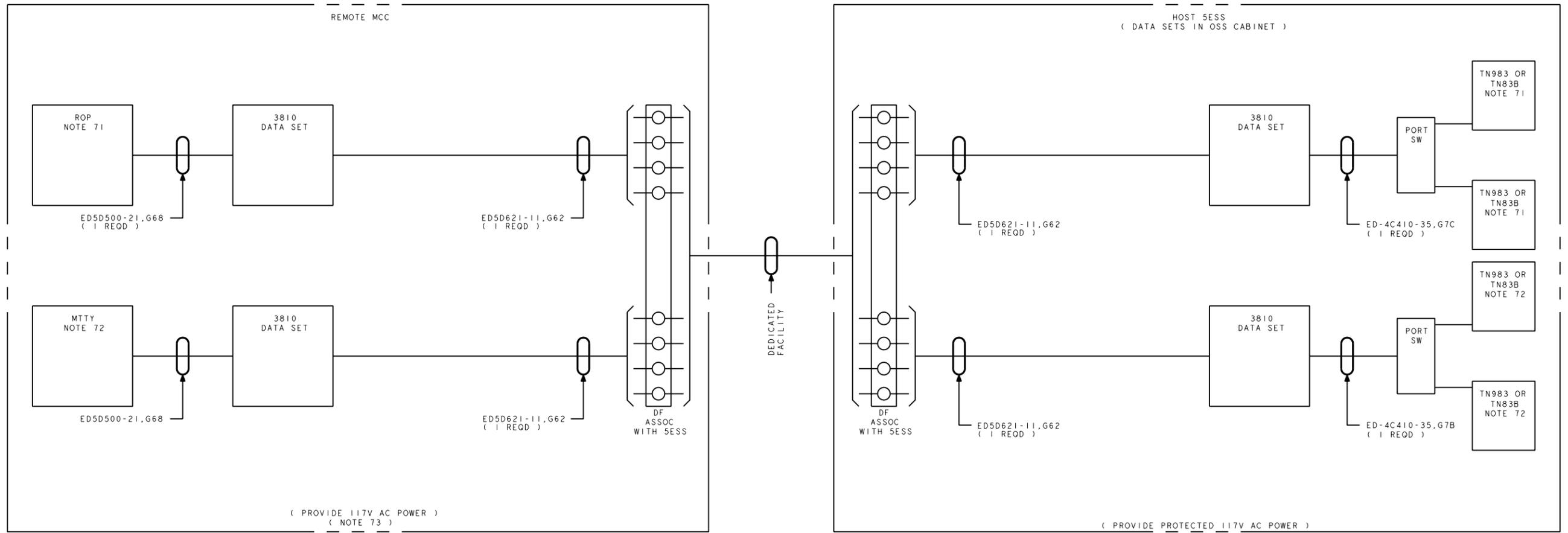


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJN	
	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B9
MODEL NAME		

FIG. 7  
TYPICAL ARRANGEMENT FOR  
MCC OVER 50 FT.  
( NOTES 64,65 )

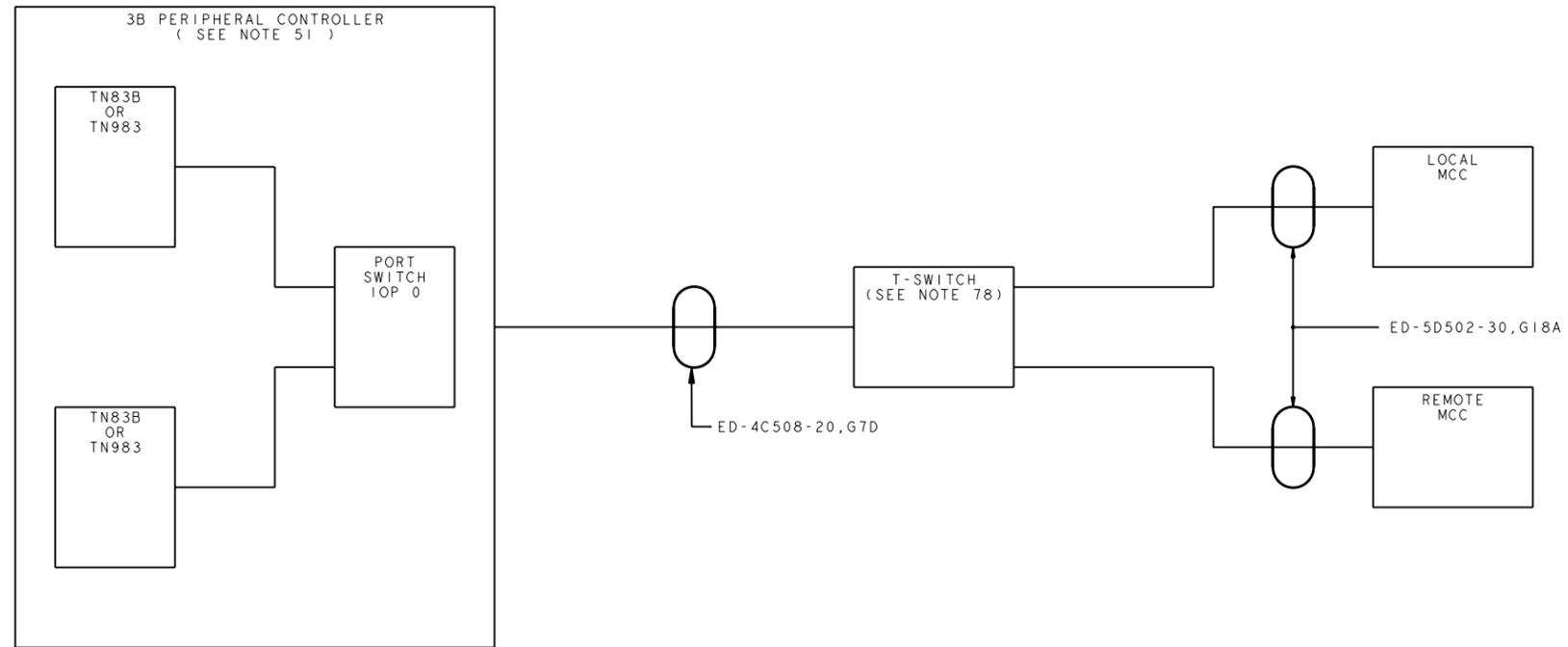


PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJN	
	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B10
MODEL NAME		

FIG. 8  
 MCC-TTY  
 TYPICAL ARRANGEMENT FOR THE  
 OPTIONAL INTERFACING BETWEEN  
 TWO MCC'S AND THE 3B20 OR 3B21D PROCESSOR

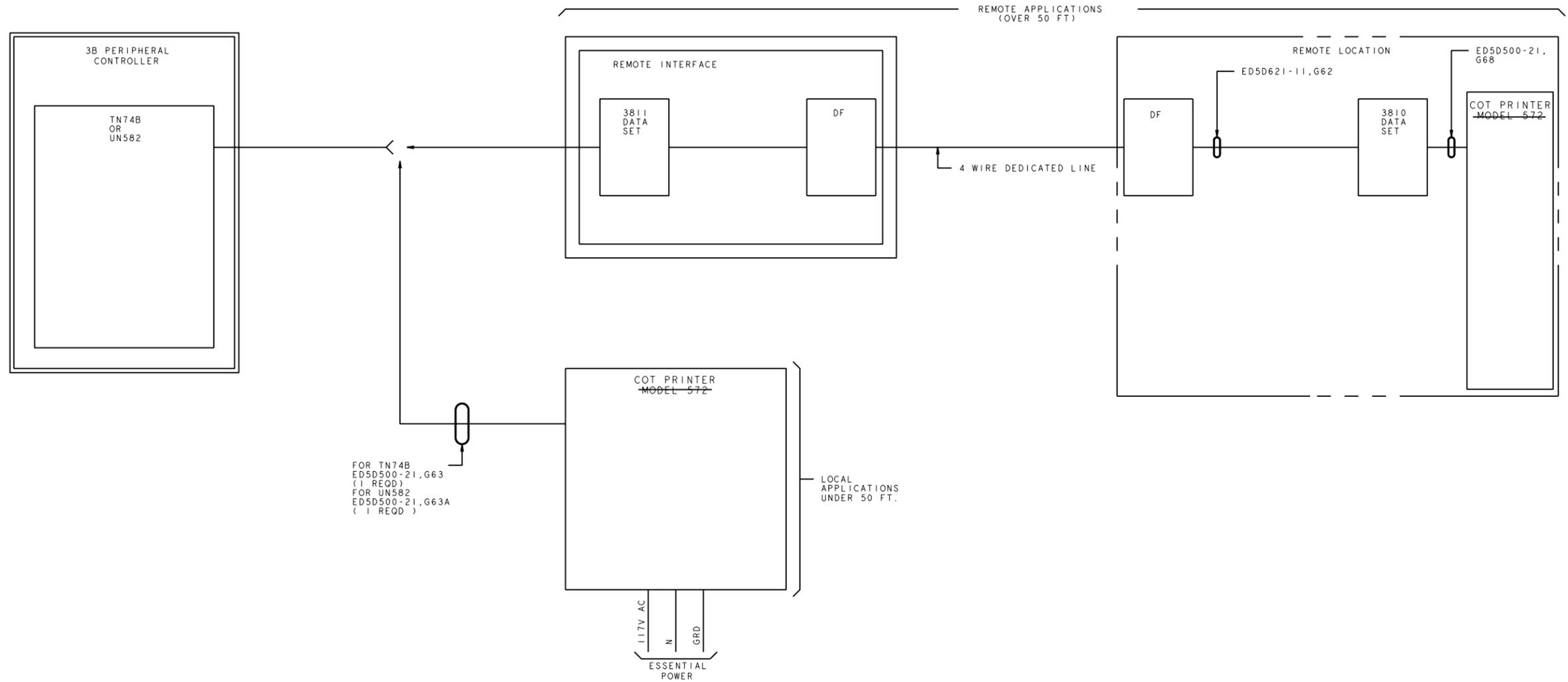


PROJ-EOEDFORM, FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B11
MODEL NAME		

FIG. 9  
TYPICAL ARRANGEMENT FOR  
CUSTOMER ORIGINATED TRACE  
(COT)  
LOCAL AND REMOTE

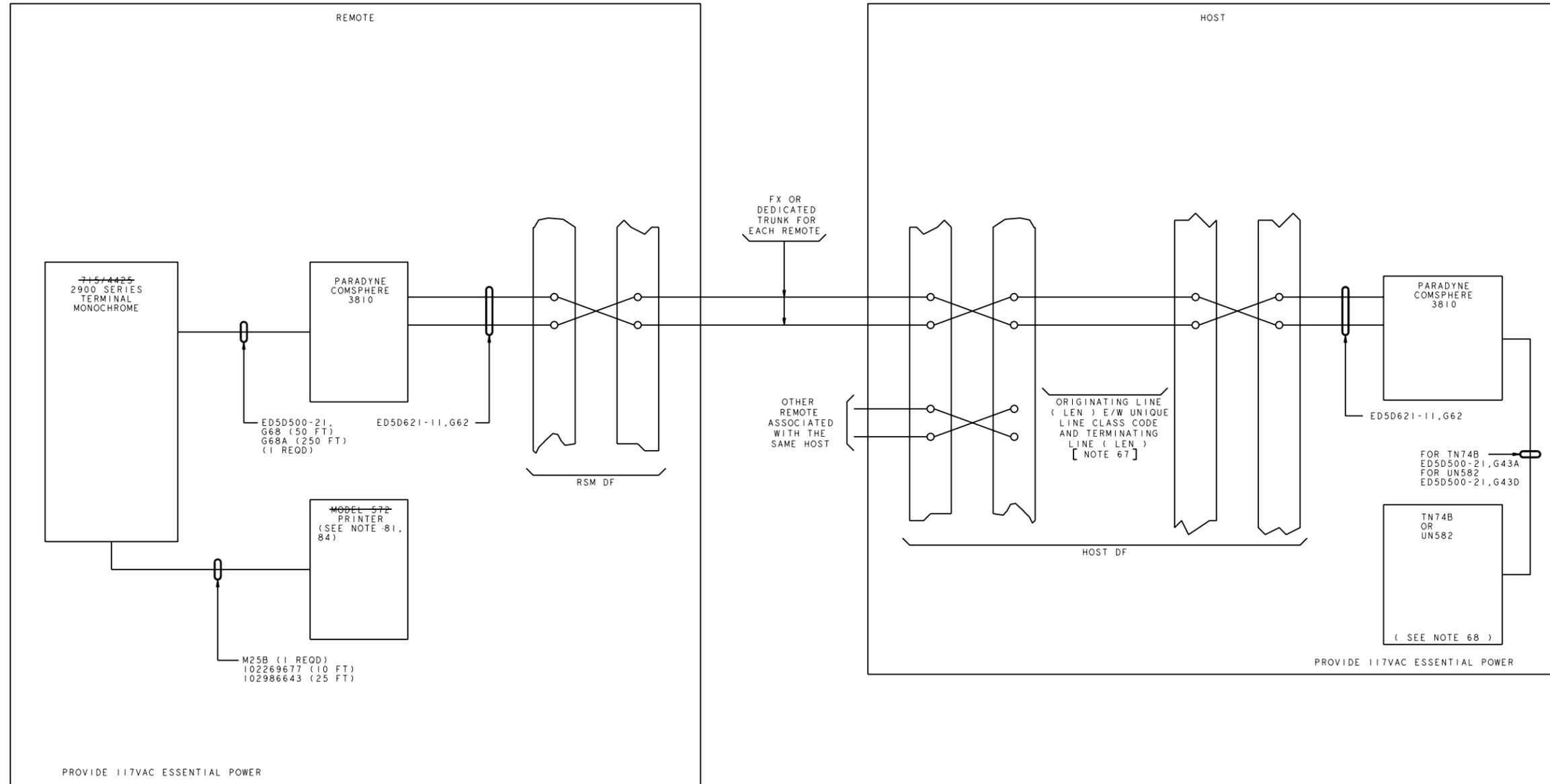


PROJ-EGEDFORM, FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS		THIRD ANGLE PROJ 
DWG SIZE C2	ISSUE 9	SHEET NO. B12
LUCENT TECHNOLOGIES	ED5D522-34	MODEL NAME

FIG. 10  
TYPICAL DATA SET ARRANGEMENT FOR REMOTE  
MAINTENANCE VIA BELT LINE TTY-B CHANNEL  
HOST PROVIDES SWITCHED ACCESS

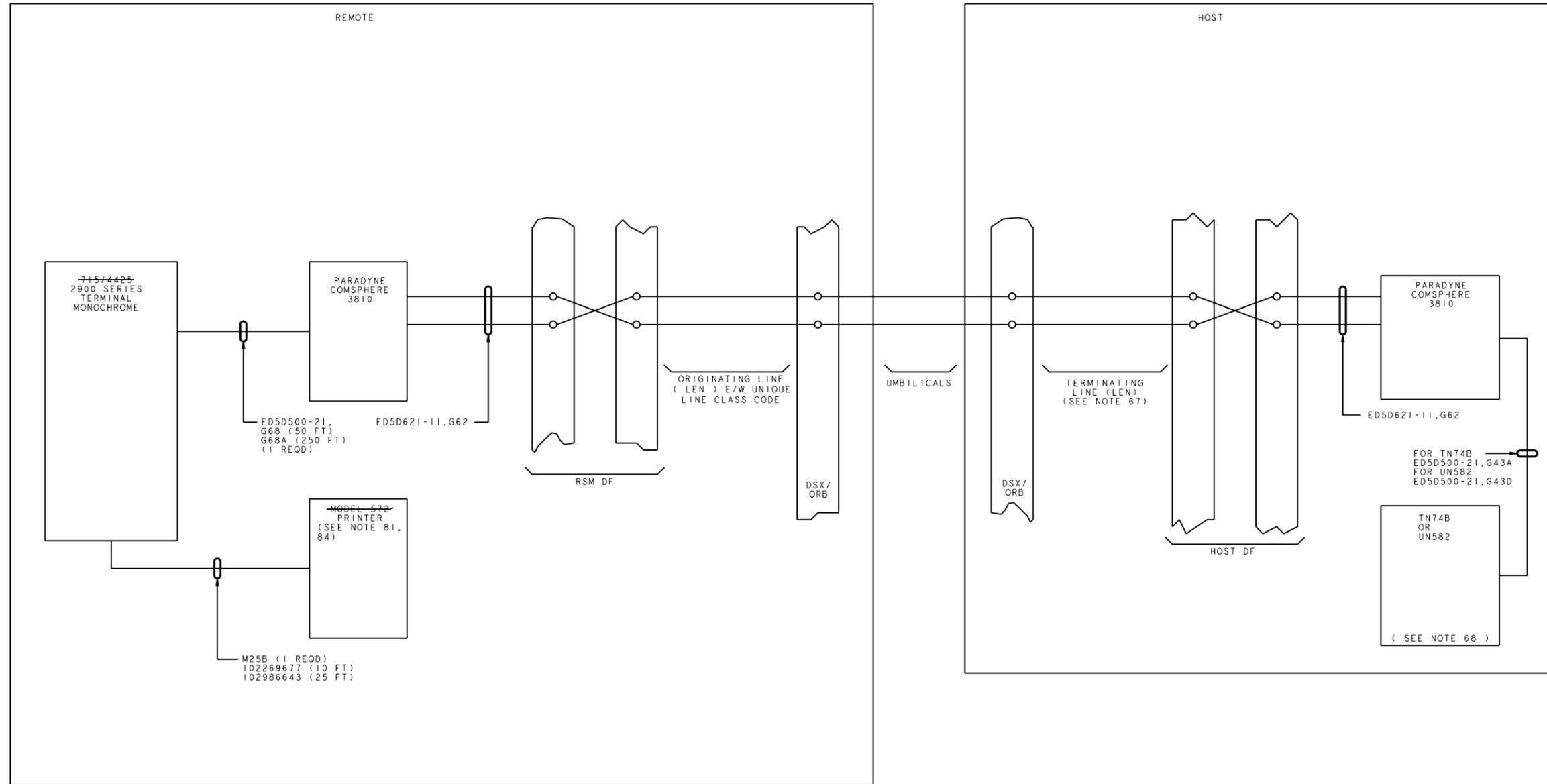


PROJ-EGEDFORM, FRM-FEB 96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
I/O TERM CONNECTION FOR OSS			
DWG SIZE C2	ISSUE 8		
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B13	
		MODEL NAME	

FIG. 10 (CONT'D)  
 TYPICAL DATA SET ARRANGEMENT FOR REMOTE  
 MAINTENANCE VIA BELT LINE TTY-B CHANNEL  
 REMOTE PROVIDES SWITCHED ACCESS

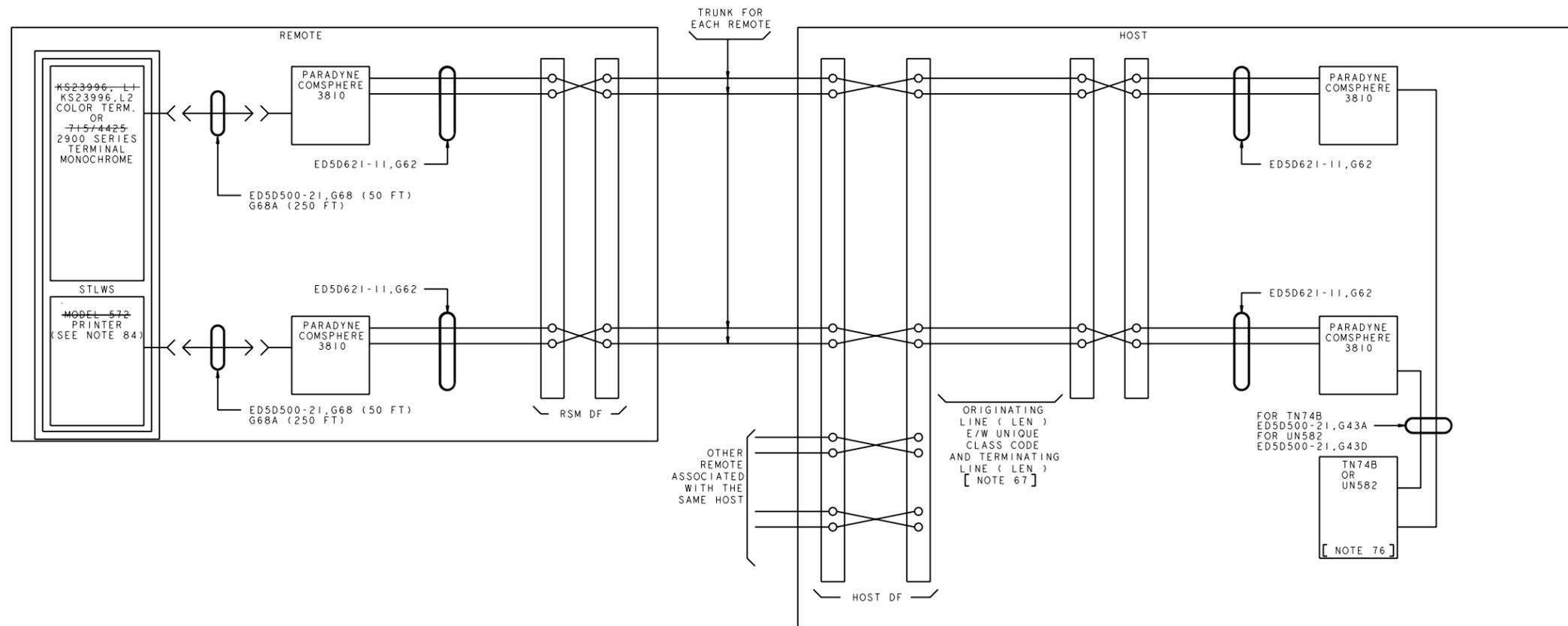


PROJ-EGEDFORM, FRM-FEB 96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJ 	
	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B14
MODEL NAME		

FIG. 11  
TYPICAL DATA SET ARRANGEMENT FOR  
REMOTE STLWS ( OVER 250 FT. )  
HOST PROVIDED SWITCHED ACCESS

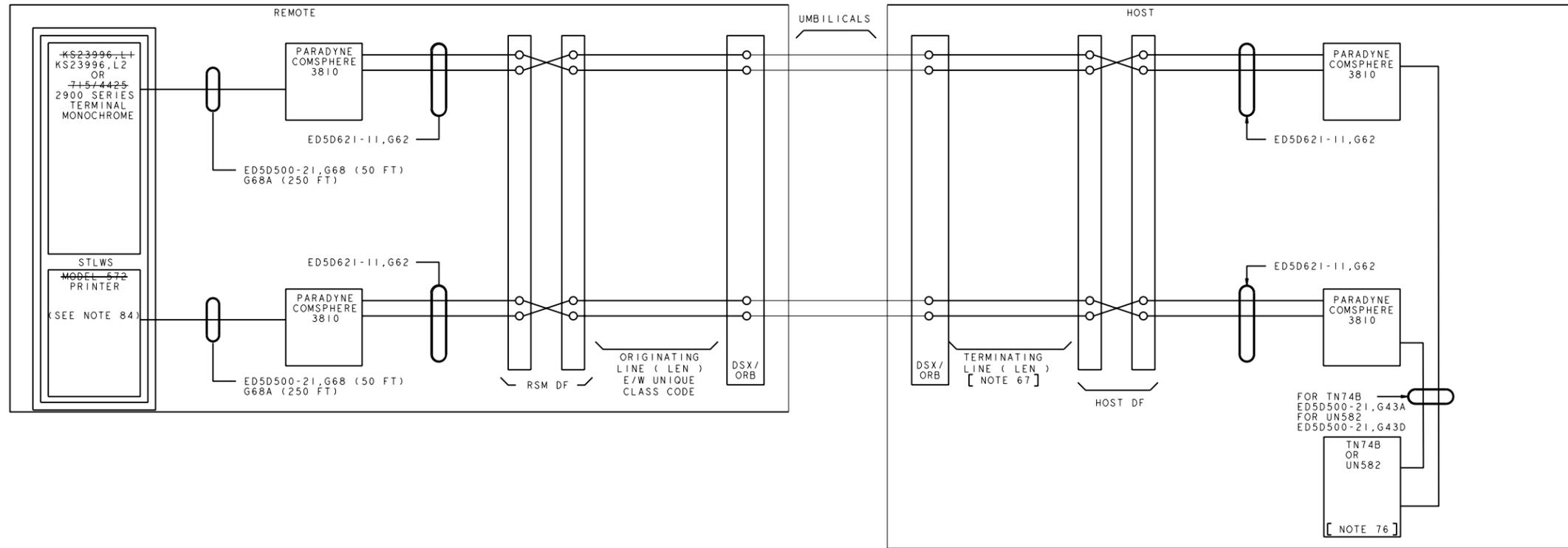


PROJ-EGEDFORM, FRM-FEB 96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJ 	
I/O TERM CONNECTION FOR OSS		DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES		ED5D522-34	SHEET NO. B15
MODEL NAME			

FIG. 11 (CONT'D)  
TYPICAL DATA SET ARRANGEMENT FOR  
REMOTE STLWS ( OVER 250 FT. )  
REMOTE PROVIDED SWITCHED ACCESS



PROJ-EGEDFORM.FRM-FEB-96

ED5D522-34

FOR PROPRIETARY NOTICE SEE SHEET A1		
I/O TERM CONNECTION FOR OSS	THIRD ANGLE PROJ 	
(P)	DWG SIZE C2	ISSUE 8
LUCENT TECHNOLOGIES	ED5D522-34	SHEET NO. B16
MODEL NAME		

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	405996935	KS23554L5	STATION,WORK COLOR GRAPHICS		S	
1001	1	1	406854182	KS23996L1	STATION,WORK		S	
1002	1A,1B	1	407552488	KS23996L2	STATION,WORK		X	
1010	1,2,4	1	501009013	56K42UADA	KEYBOARD VERSION 3 OEM		S	
1011	2,4	1	501009013	56K420ADA	KEYBOARD VERSION 3 OEM		S	
1020	1,2,4	1	501006878	55C715ACAA	CONTROLLER 615 MT CLEI = GCPQAH7AAA		S	
1021	2,4	1	501006878	55C715ACAA	CONTROLLER 615 MT CLEI = GCPQAH7AAA		S	
1030	1,2,3,4	1	406152983		PRINTER,DOT MATRIX #572-9500DR CITOH ELECTRONICS		S	
1031	1,1A,2,2A,6	1	406152983		PRINTER,DOT MATRIX #572-9500DR CITOH ELECTRONICS 572		S	
1035	1B,2B,6A	1	407937309		PRINTER,DOT MATRIX #ML-320 TURBO OKIDATA		X	
1040	1,2,4	1	524605524	TP460552	CARTRIDGE 4425 EMULATION		S	
1041	2,4	1	524605524	TP460552	CARTRIDGE 4425 EMULATION 6 FT		S	
1070	2,4	1	501007983	53D410YAA	MONITOR VERSION 3 14 IN, AMBER, 110 VAC CLEI = XCPQ44L1AA		S	
1080	3,5	1	540002383		PRINTER #444-LB600-013 DATA PRODUCTS		S	
1090	4	1	ED5D061-30,G1,G3,GB,GC,GD		CART, MOBILE		S	
1091	4A	1	ED5D061-30,G1A,G3,GB,GC		CART, MOBILE		S	
1092	4B	1	ED5D061-30,G1B,G3,GB,GC		CART, MOBILE		S	
1093	4C	1	ED5D061-30,G1C,G3,GB,GC		CART, MOBILE		S	
1095	4D	1	ED5D061-30,G1D,G3,GB,GC		CART, MOBILE		X	
1100	A	OMIT	1	540002383	PRINTER #444-LB600-013 DATA PRODUCTS		S	
1110	A	1	540002425		PRINTER #444-LB600-015 DATA PRODUCTS		S	
1120	3,5,A	1	540002557		BAND #287134-002 DATA PRODUCTS		S	
1130	B	1	524161742		CABLE 7 FT #IP416174 TELETYPE CORP.		S	
1131	B	1	104295001	M25B	CORD,PATCH 27GA, 25 COND, 6FT LONG		S	
1140	C	1	524161759		CABLE 12 FT E1A12 #IP416175 TELETYPE CORP.		S	
1141	C	1	102269677	M25B-87	CORD 10 FT. 10 FT		X	

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

ED5D522-34

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1150	D	1	524161767		CABLE 25 FT #IP416176 TELETYPE CORP.		S	
1151	D	1	102986643	M25B-87	CORD 25 FT 25 FT		X	
1160	E	OMIT	1	501009013	56K420ADA		S	
1170	E	OMIT	1	501006878	55C715ACAA		S	
1180	E	OMIT	1	524605524	TP460552		S	
1190	E	OMIT	1	501007983	53D410YAA		S	
1200	7,E	1	106463300	56C707YCAA	TERMINAL,DATA 715/4425		S	
1210	F	1	406217158		PRINTER,DOT MATRIX PS-(120V,60MZ) #577-17IN 540 C NCR-WICHITA		X	
1220	8	1	ED5D061-30,GF		CART, MOBILE		S	
1230	9	1	ED5D061-30,GG		CART, MOBILE		S	
1240	G	1	ED5D061-30,GE		CART, MOBILE		S	
1245	H	1	ED5D061-30,GH		CART, MOBILE		X	
1250	2A,2B,7A	1	407374503		TERMINAL,DATA #2926-7059-7100 SUN RIVER DATA SYSTEMS		X	

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

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5ESS SWITCHING EQUIPMENT  
INPUT/OUTPUT TERMINAL CONNECTION  
FOR  
OPERATING SUPPORT SYSTEM

BT13

DWG SIZE C2 ISSUE 12

LUCENT TECHNOLOGIES INC ED5D522-34

SHEET D1 OF 20

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