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OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
ZC	AVAIL 1		1E3, 3C5, 4C6, 4E6
ZB	AVAIL 1		3C5, 4C6, 4E6, 5C4, 5F4
ZA	AVAIL 1		1E3, 1D6, 3F1, 5C4, 5G4
Z	AVAIL 1		1C1, 1C2, 1C6, 1C7
Y	AVAIL 1		1C1, 1C2, 1C7, 1F1, 1F2, 1F3
X	AVAIL 1		2C1, 2B6, 2D7
W	AVAIL 1		2C2, 2D7
V	AVAIL 1		1C1, 1F1, 1B6, 3A2, 3D1, 4C3, 4E3, 4C6, 4E6, 5B5, 5D3, 5E3, 5G4
T	AVAIL 1		1C2, 1C6, 1F1, 3B2, 3C1, 4C7, 4D3, 4E7, 4F3, 5D3, 5E3, 5B5, 5G5
S			
R			
Q	AVAIL 1		2C1, 2D8, 3E4, 3E8
N	AVAIL 1		2C2, 2D7, 3E4, 3E8
M	AVAIL 1		3E1
K	AVAIL 1		1D6
J	AVAIL 1		1E8, 1F7, 3F4, 3G4
H	AVAIL 1		1F7, 3G3

OPTION INDEX

APP OR WRG	RATED ON ISSUE	REF NOTES	LOCATION
G	AVAIL 1		2C2, 3E4
F	AVAIL 1		1E6, 3G2
E	AVAIL 1		3E1
D	AVAIL 1		1B6, 1B7, 1D6,
C	AVAIL 1		1B6, 1B7
B	AVAIL 1		3D2, 3D3
A	AVAIL 1		3C3, 3D3

SUPPORTING INFORMATION

CATEGORY	NO.	SHEET INDEX NOTES
		1. ONLY THE LATEST ISSUE, OR ISSUES IF CONCURRENT, ARE SHOWN IN THE INDEX. 2. FOR REISSUES, A CHANGED OR NEW SHEET IS ASSIGNED THE SAME ISSUE NUMBER AS SHEET 1. 3. THE ISSUE NUMBER OF SHEET 1 IS RECOGNIZED AS THE ISSUE NUMBER OF THE WHOLE DRAWING.

BT13
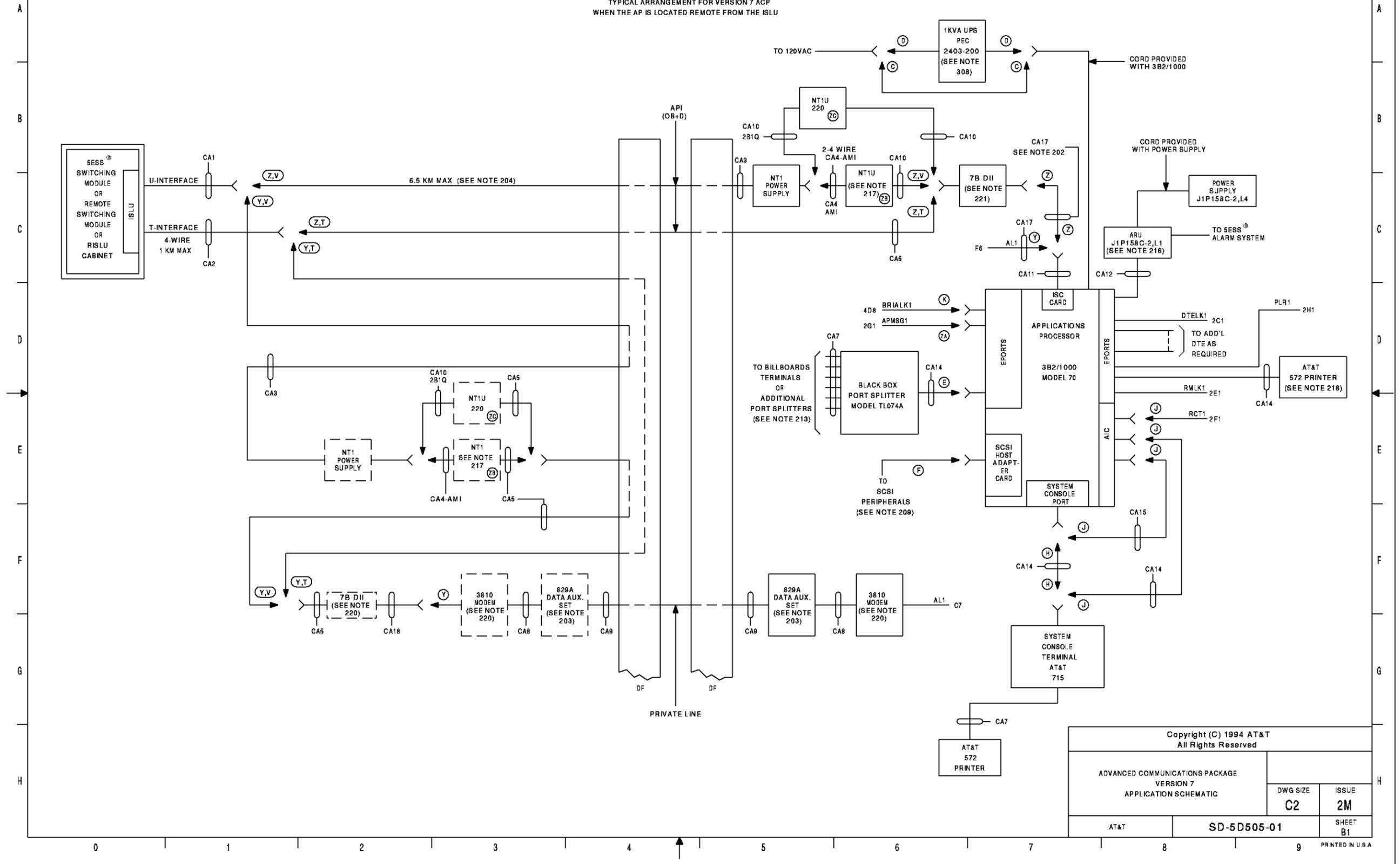
ELECTRONIC SWITCHING SYSTEMS

5ESS®
ADVANCED COMMUNICATION PACKAGE
VERSION 7
APPLICATION SCHEMATIC

DWG SIZE	ISSUE
C2	2M

AT&T

SD-5D505-01

SHEET A1
12

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PART OF AS 1

TYPICAL ARRANGEMENT FOR VERSION 7 ACP
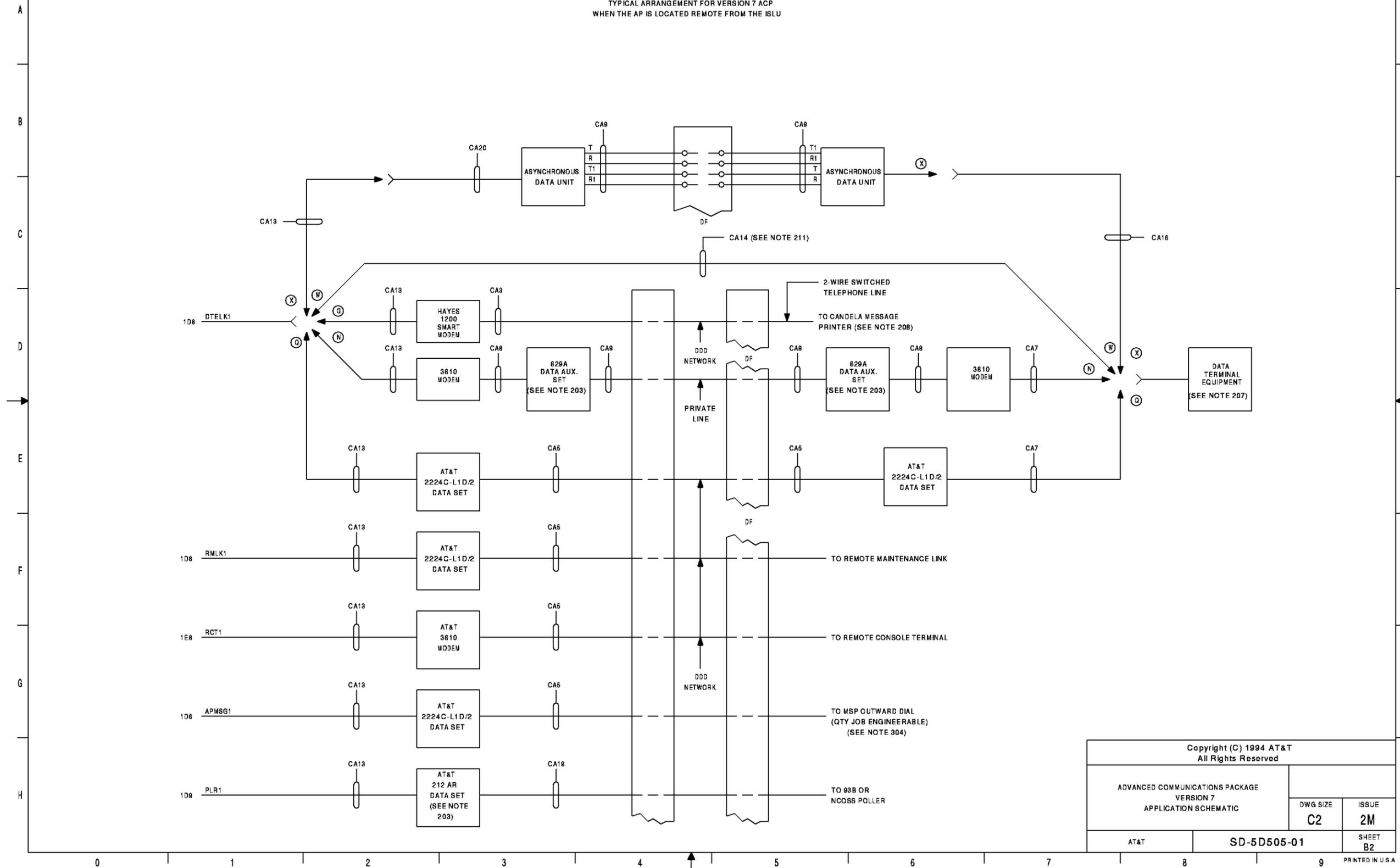WHEN THE AP IS LOCATED REMOTE FROM THE ISLU

TO 120VAC

1KVA UPS
PEC
2403-200
(SEE NOTE 308)

CORD PROVIDED
WITH 3B2/1000

NT1U
220

API
(0B+D)

CA10
2B1Q

CA10

CA17
SEE NOTE 202

CORD PROVIDED
WITH POWER SUPPLY

5ESS
SWITCHING
MODULE
OR
REMOTE
SWITCHING
MODULE
OR
RISLU
CABINET

CA1

U-INTERFACE

6.5 KM MAX (SEE NOTE 204)

CA3

2-4 WIRE
CA4-AMI

CA10

POWER
SUPPLY
J1P158C-2,L4

NT1
POWER
SUPPLY

NT1U
(SEE NOTE 217)

7B DII
(SEE NOTE 221)

CA2

T-INTERFACE
4-WIRE
1 KM MAX

CA4
AMI

F6

AL1

ARU
J1P158C-2,L1
(SEE NOTE 218)

TO 5ESS
ALARM SYSTEM

CA5

CA11

CA12

ISC
CARD

BRIALK1

4D8

APMSG1

2G1

APPLICATIONS
PROCESSOR

3B2/1000
MODEL 70

DTELK1   2C1

PLR1   2H1

TO ADD'L
DTE AS
REQUIRED

CA3

CA10
2B1Q

CA5

CA7

NT1U
220

TO BILLBOARDS
TERMINALS
OR
ADDITIONAL
PORT SPLITTERS
(SEE NOTE 213)

BLACK BOX
PORT SPLITTER
MODEL TL074A

CA14

EPORTS

EPORTS

RMLK1   2E1

AT&T
572 PRINTER
(SEE NOTE 218)

CA14

NT1
POWER
SUPPLY

NT1
SEE NOTE 217

RCT1   2F1

A/C

CA4-AMI

CA5

TO
SCSI
PERIPHERALS
(SEE NOTE 209)

SCSI
HOST
ADAPT-
ER
CARD

SYSTEM
CONSOLE
PORT

CA15

CA14

CA14

7B DII
(SEE NOTE 220)

3610
MODEM
(SEE NOTE 220)

829A
DATA AUX.
SET
(SEE NOTE 203)

829A
DATA AUX.
SET
(SEE NOTE 203)

3610
MODEM
(SEE NOTE 220)

AL1   C7

SYSTEM
CONSOLE
TERMINAL
AT&T
715

CA5

CA18

CA8

CA9

CA9

CA8

DF

DF

PRIVATE LINE

CA7

AT&T
572
PRINTER

ADVANCED COMMUNICATIONS PACKAGE
VERSION 7
APPLICATION SCHEMATIC

DWG SIZE	ISSUE
C2	2M

AT&T

SD-5D505-01

SHEET
B1

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PART OF AS 1

TYPICAL ARRANGEMENT FOR VERSION 7 ACP
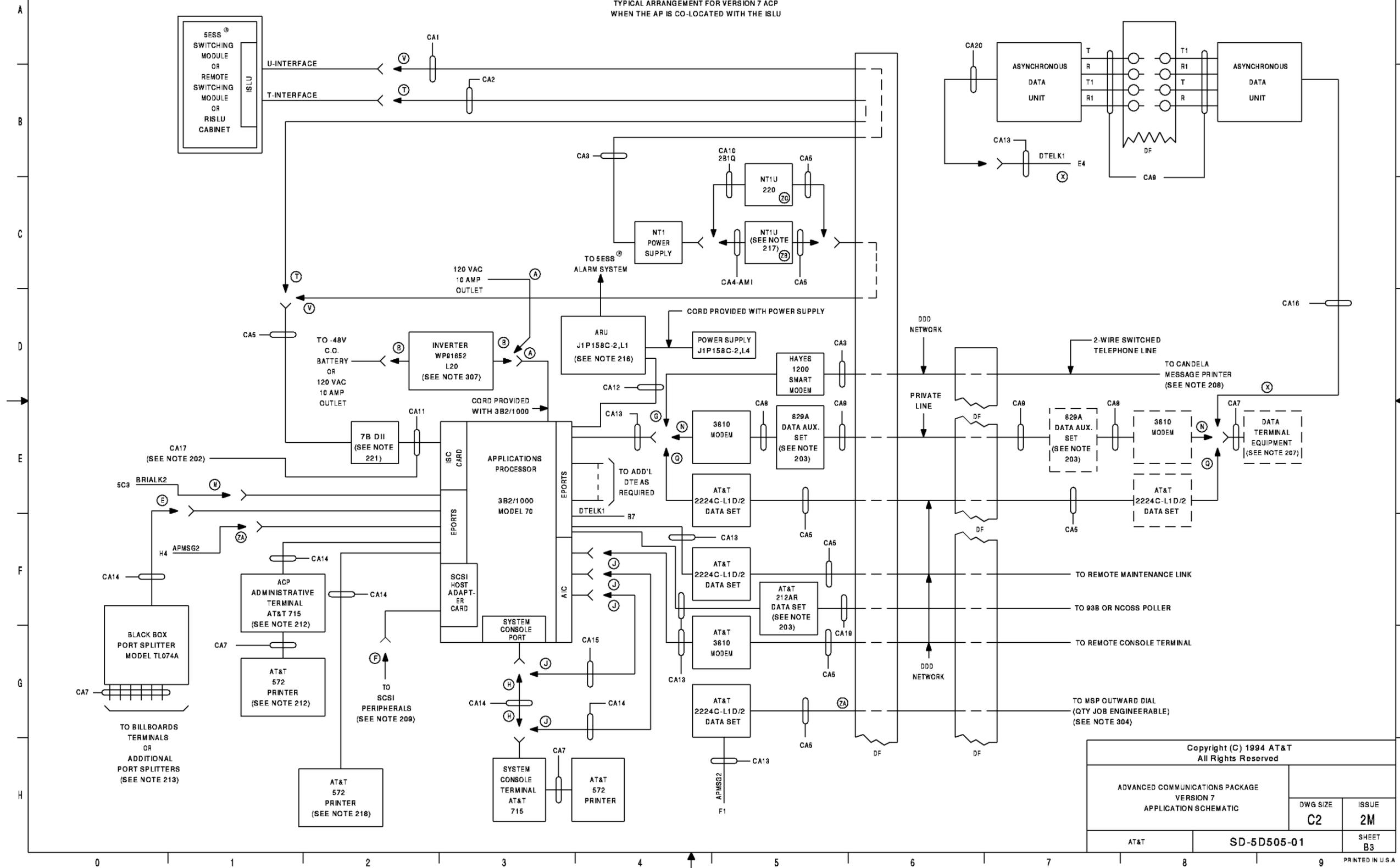WHEN THE AP IS LOCATED REMOTE FROM THE ISLU

CA20

CA9

ASYNCHRONOUS DATA UNIT

T
R
T1
R1

CA9

T1
R1
T
R

ASYNCHRONOUS DATA UNIT

(X)

DF

CA13

CA14 (SEE NOTE 211)

CA16

(X) (W)

1D8 DTELK1

(G)

CA13

HAYES 1200 SMART MODEM

CA3

2-WIRE SWITCHED TELEPHONE LINE

TO CANDELA MESSAGE PRINTER (SEE NOTE 208)

(Q) (N)

CA13

3810 MODEM

CA8

829A DATA AUX. SET (SEE NOTE 203)

CA9

DDD NETWORK

DF

CA9

829A DATA AUX. SET (SEE NOTE 203)

CA8

3810 MODEM

CA7

(N)

(W) (X)

DATA TERMINAL EQUIPMENT (SEE NOTE 207)

PRIVATE LINE

(Q)

CA13

AT&T 2224C-L1D/2 DATA SET

CA5

CA5

AT&T 2224C-L1D/2 DATA SET

CA7

DF

CA13

1D8 RMLK1

AT&T 2224C-L1D/2 DATA SET

CA5

DDD NETWORK

TO REMOTE MAINTENANCE LINK

CA13

1E8 RCT1

AT&T 3810 MODEM

CA5

TO REMOTE CONSOLE TERMINAL

CA13

1D6 APMSG1

AT&T 2224C-L1D/2 DATA SET

CA5

DDD NETWORK

TO MSP OUTWARD DIAL (QTY JOB ENGINEERABLE) (SEE NOTE 304)

CA13

1D9 PLR1

AT&T 212 AR DATA SET (SEE NOTE 203)

CA19

TO 93B OR NCOSS POLLER

ADVANCED COMMUNICATIONS PACKAGE
VERSION 7
APPLICATION SCHEMATIC

DWG SIZE	ISSUE
C2	2M

| AT&T | SD-5D505-01 | SHEET B2 |

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AS 2

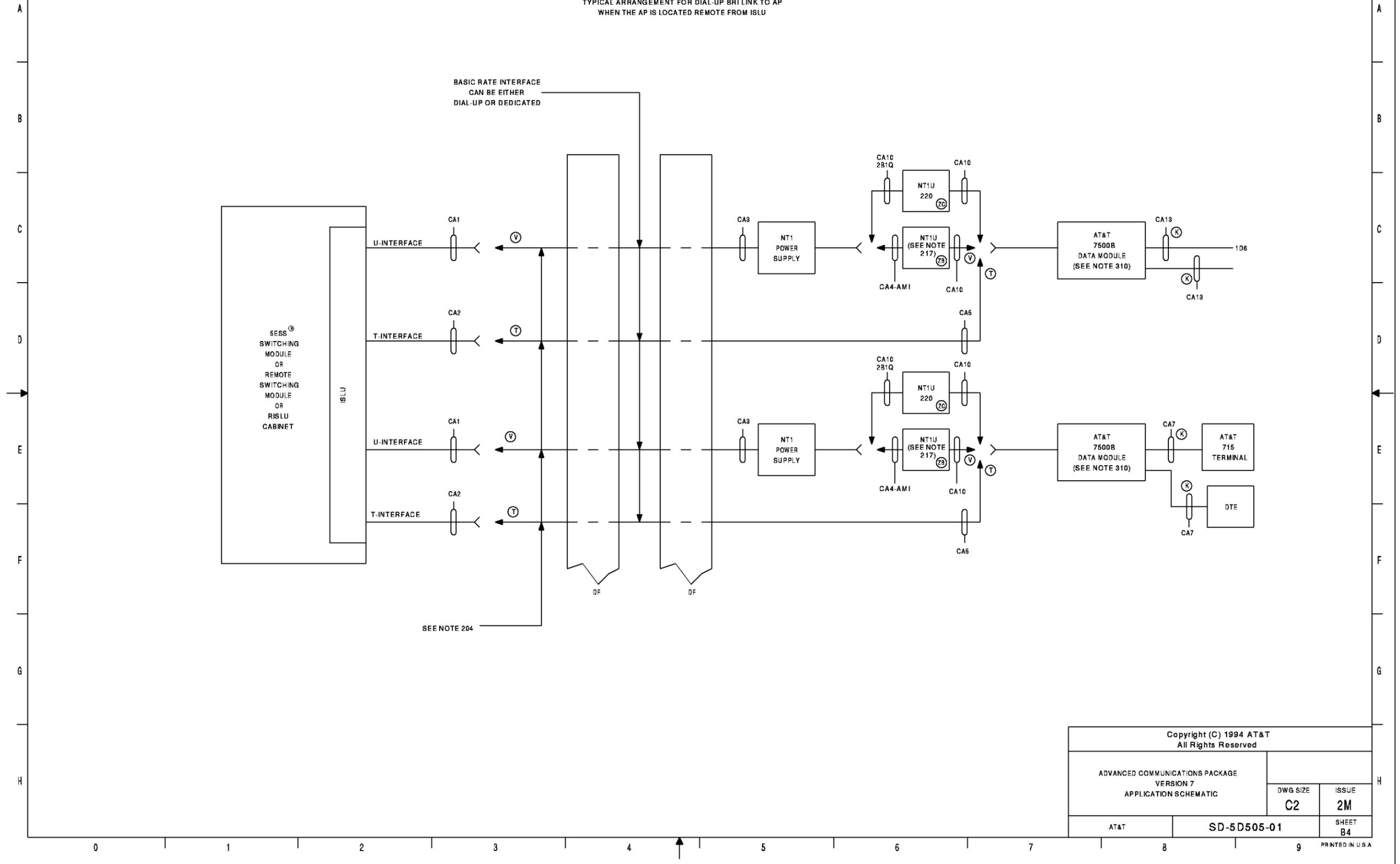TYPICAL ARRANGEMENT FOR VERSION 7 ACP
WHEN THE AP IS CO-LOCATED WITH THE ISLU

5ESS ® SWITCHING MODULE OR REMOTE SWITCHING MODULE OR RISLU CABINET

ISLU

U-INTERFACE

T-INTERFACE

CA1
CA2

CA20

ASYNCHRONOUS DATA UNIT

T
R
T1
R1

T1
R
T
R1

ASYNCHRONOUS DATA UNIT

DF

CA13
DTELK1
E4
X
CA9

CA3

CA10 2B1Q

NT1U 220 ZC

CA5

NT1 POWER SUPPLY

NT1U (SEE NOTE 217) ZB

CA4-AM1
CA5

TO 5ESS ® ALARM SYSTEM

120 VAC 10 AMP OUTLET
A

CORD PROVIDED WITH POWER SUPPLY

DDD NETWORK

2-WIRE SWITCHED TELEPHONE LINE

CA16

CA5
TO -48V C.O. BATTERY OR 120 VAC 10 AMP OUTLET

V

T

INVERTER WP91652 L20 (SEE NOTE 307)
B
A

ARU J1P158C-2,L1 (SEE NOTE 216)

POWER SUPPLY J1P158C-2,L4 (SEE NOTE 216)

HAYES 1200 SMART MODEM

CA3

TO CANDELA MESSAGE PRINTER (SEE NOTE 208)

X

CORD PROVIDED WITH 3B2/1000

CA12

CA8
CA9

PRIVATE LINE

CA9

829A DATA AUX. SET (SEE NOTE 203)

CA8

3610 MODEM

N

CA7

DATA TERMINAL EQUIPMENT (SEE NOTE 207)

CA17 (SEE NOTE 202)

7B DII (SEE NOTE 221)

CA11

ISC CARD

APPLICATIONS PROCESSOR 3B2/1000 MODEL 70

EPORTS

CA13
G

3610 MODEM

829A DATA AUX. SET (SEE NOTE 203)

DF

G

5C3 BRIALK2
M
E

EPORTS

TO ADD'L DTE AS REQUIRED

DTELK1 B7

AT&T 2224C-L1D/2 DATA SET

AT&T 2224C-L1D/2 DATA SET

H4 APMSG2
ZA

CA14

ACP ADMINISTRATIVE TERMINAL AT&T 715 (SEE NOTE 212)

CA14

SCSI HOST ADAPT-ER CARD

A/C

J
J
J

AT&T 2224C-L1D/2 DATA SET

CA13

CA5
CA5

TO REMOTE MAINTENANCE LINK

CA14

BLACK BOX PORT SPLITTER MODEL TL074A

CA7

AT&T 572 PRINTER (SEE NOTE 212)

CA14

SYSTEM CONSOLE PORT

CA15

AT&T 212AR DATA SET (SEE NOTE 203)

CA13

CA19

TO 93B OR NCOSS POLLER

TO REMOTE CONSOLE TERMINAL

F
TO SCSI PERIPHERALS (SEE NOTE 209)

AT&T 3810 MODEM

CA7

TO BILLBOARDS TERMINALS OR ADDITIONAL PORT SPLITTERS (SEE NOTE 213)

AT&T 572 PRINTER (SEE NOTE 218)

SYSTEM CONSOLE TERMINAL AT&T 715

CA7

AT&T 572 PRINTER

H
H
J

CA14
CA14
J

AT&T 2224C-L1D/2 DATA SET

ZA
APMSG2
CA13
F1

CA5

DDD NETWORK

TO MSP OUTWARD DIAL (QTY JOB ENGINEERABLE) (SEE NOTE 304)

DF
DF

ADVANCED COMMUNICATIONS PACKAGE VERSION 7 APPLICATION SCHEMATIC

DWG SIZE	ISSUE
C2	2M

| AT&T | SD-5D505-01 | SHEET B3 |

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AS 3

TYPICAL ARRANGEMENT FOR DIAL-UP BRI LINK TO AP
WHEN THE AP IS LOCATED REMOTE FROM ISLU

BASIC RATE INTERFACE
CAN BE EITHER
DIAL-UP OR DEDICATED

5ESS®
SWITCHING
MODULE
OR
REMOTE
SWITCHING
MODULE
OR
RISLU
CABINET

ISLU

U-INTERFACE — CA1 — (V)

T-INTERFACE — CA2 — (T)

U-INTERFACE — CA1 — (V)

T-INTERFACE — CA2 — (T)

DF   DF

SEE NOTE 204

CA3

NT1
POWER
SUPPLY

CA10 2B1Q   CA10

NT1U
220   (ZC)

NT1U
(SEE NOTE 217)   (ZB)   (V)

(T)

CA4-AMI   CA10   CA5

CA13
AT&T
7500B
DATA MODULE
(SEE NOTE 310)   (K)   1D6

(K)
CA13

CA3

NT1
POWER
SUPPLY

CA10 2B1Q   CA10

NT1U
220   (ZC)

NT1U
(SEE NOTE 217)   (ZB)   (V)

(T)

CA4-AMI   CA10

CA5

AT&T
7500B
DATA MODULE
(SEE NOTE 310)   CA7   (K)   AT&T
715
TERMINAL

(K)
CA7   DTE

ADVANCED COMMUNICATIONS PACKAGE
VERSION 7
APPLICATION SCHEMATIC

DWG SIZE	ISSUE
C2	2M

| AT&T | SD-5D505-01 | SHEET B4 |

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AS 4

TYPICAL ARRANGEMENT FOR DIAL-UP BRI LINK TO AP
WHEN THE AP IS CO-LOCATED WITH THE ISLU

3E0 BRIALK2

CA13

AT&T 7500B DATA MODULE (SEE NOTE 310)

CA5

CA13

CA10 2B1Q

NT1U 220

CA5

CA3

NT1 POWER SUPPLY

NT1 (SEE NOTE 217)

CA4 AM1   CA5

5ESS SWITCHING MODULE OR REMOTE SWITCHING MODULE OR RISLU CABINET

ISLU

U-INTERFACE   CA1

T-INTERFACE   CA2

T-INTERFACE   CA2

U-INTERFACE   CA1

CA10 2B1Q   CA10

NT1U 220

NT1 POWER SUPPLY

NT1 (SEE NOTE 217)

CA4   CA10

AT&T 7500B DATA MODULE (SEE NOTE 310)   CA7

AT&T 715 TERM

CA5

CA7

DTE

DF

ADVANCED COMMUNICATIONS PACKAGE VERSION 7 APPLICATION SCHEMATIC	DWG SIZE	ISSUE
	C2	2M
AT&T SD-5D505-01		SHEET B5

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CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER

BATTERY SYMBOL		VOLTAGE RANGE

EQUIPMENT NOTES:

201. THE ADVANCED COMMUNICATIONS PACKAGE (ACP) VERSION 7 REQUIRES THE USE OF A 3B2/1000 MODEL 70 COMPUTER AND OTHER PERIPHERAL EQUIPMENT AS SHOWN IN AS1 THROUGH AS4.

ITEMS REQUIRED ON ALL SYSTEMS

NOTE: ALL ACP SYSTEM ORDERS MUST BE SUBMITTED AS ENGINEER, FURNISH AND INSTALL (EF AND I). FAILURE TO DO THIS WILL RESULT IN DELAYS AND IN UNNECESSARY EXPENSE TO AT&T.

3B2/1000, MODEL 70
  1 BASE PACKAGE WHICH INCLUDES THE FOLLOWING:

    1 MICROPROCESSOR WITH 4KB PCACHE
    1 MATH ACCELERATOR UNIT
    1 16 MB MEMORY CARD
    2 300 MB DISK DRIVES (INTERNAL)
    1 720 KB FLOPPY DISK DRIVE
    1 SINGLE-ENDED SCSI HOST ADAPTER CARD
    1 120MB CARTRIDGE TAPE DRIVE
    2 7-FT, 8-WIRE MODULAR CABLES
    2 14-FT, 8-WIRE MODULAR CABLES
    2 25-FT, 8 WIRE MODULAR CABLES
    2 50-FT, 8-WIRE MODULAR CABLES
    10 TERMINAL/PRINTER CONNECTORS (8 MALE, 2 FEMALE)
    UNIX SYSTEM V, RELEASE 3.2.3 OPERATING SYSTEM
    UNIX OPERATING SYSTEM DOCUMENTATION

2 ISC KITS 1 PER LINK TO SWITCH; MINIMUM 2, MAXIMUM 5 (IF NUMBER OF LINKS EXCEEDS 5, CAN PUT TWO LINKS ON AN ISC).

1 REMOTE MANAGEMENT PACKAGE

1 EPORTS I/O FEATURE CARD AS REQUIRED PER ENGINEERING GUIDELINES. MINIMUM OF 1 REQUIRED.

1 C PROGRAMMING LANGUAGE UTILITIES

10 CARTRIDGE TAPES-DC6320-COMCODE 406166518

EQUIPMENT NOTES: (CONT)

201. (CONT)

II. PERIPHERAL HARDWARE (3B2/1000, MODEL 70)

7B DIRECT INTELLIGENT INTERFACE - COMCODE 105690382 QUANTITY AS REQUIRED PER ENGINEERING GUIDELINES: 1 PER LINK TO SWITCH, MINIMUM 2

NT1 (NETWORK TERMINATORS)
FOR ALTERNATE MARK INVERSION (AMI) ENCODING ON API LINK-THIS NT1 MODEL IS FOR USE WITH SWITCHES THAT ARE ON THE 5E5 OR EARLIER GENERIC, AND FOR CUSTOMERS WHO HAD ISDN SERVICE ON SWITCHES THAT WERE ON THE 5E4 OR 5E5 GENERICS BEFORE GOING TO THE 5E6 GENERIC. THE COMCODES FOR THE NT1 HARDWARE FOR USE WITH THE AMI-ENCODED API ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
NT1 U	STAND-ALONE		405131137
NT1 P	CIRCUIT PACK MODULE		405131558
NT1 M	MOUNTING MODULE		405130832

FOR 2B1Q ENCODING ON THE API LINK-THIS NT1 MODEL IS FOR NEW CUSTOMERS THAT ARE SERVED BY SWITCHES THAT ARE ON THE 5E6 OR LATER GENERIC. (IF THE CUSTOMER HAD ISDN SERVICE ON AN EARLIER GENERIC, THE AMI INTERFACE IS TO BE MAINTAINED; THEREFORE, THE AMI NT1 MUST BE USED). COMCODES FOR 2B1Q NT1 HARDWARE ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
NT1 U-220	STAND-ALONE		406733725
NT1 M-200	MOUNTING MODULE		406040550

THE AMI AND 2B1Q UNITS USE THE SAME POWER SUPPLIES WHICH ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
STAND-ALONE		353A	104380753
BULK UNIT		945-1	405216417

1 ALARM RELAY UNIT J1P158C-2 L1 AND L4 (POWER SUPPLY, DESK TYPE)

1 AT&T 2224C MODEM - PEC 2224-CEO (FOR MAINTENANCE LINK);

1 ACU / MODEM CONNECTOR IS REQUIRED FOR EACH 2224C MODEM

2 AT&T 715/BCS TERMINAL 2 MINIMUM (1 CONSOLE, 1 ADMINISTRATION

3 AT&T 572 PRINTER - 3 MINIMUM (1 CONSOLE, 1 ADMINISTRATION, 1 APERR REPORT) (THE 3RD PRINTER IS FOR APERR REPORTS AND MAY BE SHARED AS TED/ACA AND/OR ASMDR REPORT PRINTER.)

CABLING AND 25-PIN TO 8-PIN MODULAR ADAPTERS AS REQUIRED TO INTERCONNECT ALL UNITS.

ADVANCED COMMUNICATIONS PACKAGE VERSION 7 APPLICATION SCHEMATIC	DWG SIZE **C2**	ISSUE **2M**
AT&T SD-5D505-01		SHEET **D1**

EQUIPMENT NOTES:: (CONT)

201. (CONT)

III. SOFTWARE (3B2/1000, MODEL 70)

SOFTWARE AS REQUIRED PER J5D028D-1 - ALL ORDERS FOR NEW ACP SYSTEM MUST SPECIFY L-1 EQUIPPED WITH LISTS MAR AND M13R, PLUS THE INDIVIDUAL FEATURES DESIRED. THERE IS A MONTHLY RECURRING FEE FOR THE BASE PACKAGE, BEGINNING THE THIRTEENTH MONTH, THAT IS AUTOMATICALLY TRIGGERED BY THE M13 LIST. THIS SOFTWARE MUST BE SOURCED ON THE NETWORK SOFTWARE CENTER (SOURCE CODE NWQ).

IF THE CUSTOMER WANTS TO USE THE COSTING FUNCTION OF THE ASMDR FEATURE OR WANTS CITY AND STATE INFORMATION IN THE CALL RECORDS, THE RATE TABLE DATABASE TAPE MUST BE ORDERED. ORDERING INFORMATION IS IN THE ACP SOFTWARE J-DRAWING LIST M20, AND THE TAPE MUST BE SOURCED ON THE GUILFORD CENTER (SOURCE CODE RPDS). THERE IS A MONTHLY RECURRING FEE, BEGINNING THE THIRTEENTH MONTH, THAT IS AUTOMATICALLY TRIGGERED BY THE M20 LIST. IT IS NO LONGER NECESSARY TO SPECIFY EACH OPTION REQUIRED. ALL RTDB TAPES WILL HAVE THE SAME DATA, CUSTOMIZED FOR THE INDIVIDUAL NPA/NXX. THE RTDB ORDER MUST CONTAIN THE HOME AREA CODE, OFFICE CODE, CITY AND STATE OF THE CUSTOMER.

THE "SHIP TO" ADDRESS ON THE RTDB TAPE ORDER MUST BE THAT OF THE OWNER OF THE APPLICATIONS PROCESSOR. DO NOT SHIP TO THE STAGING LOCATION NOR TO THE INSTALLER.

THE SOFTWARE M-LISTS ON J5D028D-1 BREAK OUT INTO:

M-LISTS FOR THE SOFTWARE, WHICH, EXCEPT FOR RTDB MUST BE SOURCED NWQ (NETWORK SOFTWARE CENTER)

COMCODED M-LISTS FOR THE ASSOCIATED RTU FEES. THESE RTU FEES MUST BE SOURCED RFRF (REGION FURNISHED).

IV. DOCUMENTATION (3B2/600 OR 3B2/1000, MODEL 70)

VERSION 7 ADVANCED COMMUNICATIONS PACKAGE USER DOCUMENTATION ALL APPLICABLE DOCUMENTS ARE TO BE ORDERED ON A FEATURE BASIS. ONE SET OF THE APPLICABLE USER DOCUMENTS MUST BE ORDERED, USING THE SOFTWARE DRAWING J5D028D-1. THE FIRST SET OF DOCUMENTS IS INCLUDED IN THE PRICE FOR THE SOFTWARE. ADDITIONAL DOCUMENTS MUST BE ORDERED DIRECTLY FROM THE CUSTOMER INFORMATION CENTER IN INDIANAPOLIS, USING THE 9 DIGIT SELECT CODES OF THE INDIVIDUAL DOCUMENTS.

NOTE: DO NOT ORDER MORE THAN ONE SET OF DOCUMENTS FROM THE SOFTWARE J-DRAWING.

EQUIPMENT NOTES:: (CONT)

201. (CONT)

OPTIONAL HARDWARE

16-MB MEMORY CARD OR 4MB MEMORY CARD QUANTITY AS REQUIRED PER ENGINEERING GUIDELINES. TOTAL OF BOTH TYPES CANNOT EXCEED 4.

AT&T 2224C MODEMS AS REQUIRED FOR ANALOG DIALUP LINKS TO AP AND FOR MESSAGE SERVICE PAGING FEATURE.

AT&T 3610 - PEC2270-SA1 MODEMS AS REQUIRED.

I/O PORT EXPANSION CARD ONLY IF PRINTER HAVING PARALLEL CENTRONICS INTERFACE IS USED.

LOCAL AREA DATA SETS AS REQUIRED FOR DEDICATED LINKS TO AP (FOR PRINTERS, TERMINALS, BILLBOARDS, ETC.). AT&T ASYNCHRONOUS DATA UNIT MAY BE USED PEC 2169-002 FOR STANDALONE UNIT OR PEC 2169-005 FOR MULTIPORT UNIT, PLUS RELATED EQUIPMENT (POWER SUPPLY AND CABLES - ENGINEERABLE).

HAYES SMARTMODEM 1200 REQUIRED IF CANDELA MESSAGE PRINTER SYSTEM IS PURCHASED. (QUANTITY IS ENGINEERABLE).

CANDELA MESSAGE PRINTERS REQUIRED IF CANDELA MESSAGE PRINTER SYSTEM IS PURCHASED. (QUANTITY IS CUSTOMER DECISION).

HIGH SPEED SERIAL PRINTER (AT&T MODEL 446) IS STRONGLY RECOMMENDED FOR ASMDR REPORTS. CAN BE SHARED FOR TED/ACA REPORTS AND APERR REPORTS.

AT&T 572 PRINTERS AND ADAPTERS AS REQUIRED FOR POD, TED/ACA REPORTS, ETC.

300 MB INTERNAL SCSI DISK DRIVE (MAXIMUM 1 WHICH MAKES A TOTAL OF 3 INTERNAL 300MB DISK DRIVES). REQUIRES ONE TAP ON SCSI BUS. SCSI CONNECT KIT NOT REQUIRED.

SCSI CONNECT KIT REQUIRED IF EXTERNAL DISK OR TAPE UNIT IS USED.

7500B DATA MODULES (105657639) WITH DUAL DCE BOARD (103985933) AND POWER SUPPLY (405509852) - PROVIDES ACCESS TO TWO AP PORTS VIA A SINGLE BRI. REQUIRED IF CUSTOMER WANTS BRI DIAL-UP TO AP. IF THE 7500 IS USED, AN NT1, A 353A POWER SUPPLY, AND LINE TERMINATING RESISTORS ARE REQUIRED WITH EACH UNIT IF IT IS WORKING OFF A U-INTERFACE BRI.

9-TRACK TAPE UNIT OPTIONAL IF CUSTOMER USES ASMDR DIRECT OUTPUT OPTION. NOT NEEDED IF CUSTOMER HAS CARTRIDGE TAPE CAPABILITY ON COMPUTER THAT IS USED FOR REPORT PROCESSING. REQUIRED IF CMDR 9-TRACK OR RA0 TAPE CAPABILITY IS DESIRED.

AT&T 212AR MODEM REQUIRED IF CMDR 93B POLLER OPTION OR CMDR NCOSS POWER OPTION IS PURCHASED.

HEADSET (CCM CODE 403350077 OR 403350085) AND ISDN 500A HEADSET ADAPTER (103867552) FOR EACH CMSS ATTENDANT POSITION THAT HAS A COMPATIBLE ISDN SET.

BLACK BOX CORPORATION DATA BROADCAST PORT SPLITTER MODEL TL074A AS REQUIRED FOR BILLBOARDS. ONE PORT INPUT, 6 PORT OUTPUT.

TERMINALS AND PRINTERS AS DETERMINED BY CUSTOMER NEEDS.

CABINET FOR MOUNTING ACP SYSTEM - MODIFIED 5ESS® SWITCH MISCELLANEOUS CABINET (IF IN C.O.); PAGODA (SMOKED GLASS DOORS) FOR CUSTOMER PREMISES. CABINET IS STRONGLY RECOMMENDED.

PRINTER STANDS; TABLE AND CHAIR FOR CONSOLE POSITION.

AC POWER STRIPS AS REQUIRED.

EQUIPMENT NOTES:: (CONT)

201. (CONT)

FOR PROTECTION FROM THE EFFECT OF POWER HITS, THE FOLLOWING DEVICES MAY BE USED TO PROVIDE POWER TO THE ACP SYSTEM:

1 KVA INVERTER - POWER MARK WP91652, L20, MODEL 6114-04. CAN BE USED WHEN THE AP IS LOCATED IN A C.O. THE INVERTER IS POWERED BY THE C.O. -48V BATTERY. OUTPUT IS 8.3A, 120VAC. DIMENSIONS 7" H X 17" W X 17" D, 61 LBS. COMCODE 405686783.

1 KVA UNINTERRUPTIBLE POWER SOURCE (UPS) - PEC 2403-200 CAN BE USED WHEN THE AP IS ON CUSTOMER PREMISES OR IN THE C.O. INPUT: 120VAC; OUTPUT: 8.3A, 120VAC AT TYPICAL LOAD FOR 10 MINUTES. 14" H X 8" W X 12.5" D, 65 LBS.

VI. ACP STANDARD DRAWINGS (3B2/600 OR 3B2/1000, MODEL 70)

ED-5D691-31 ACP VERSION 7 SPECIFICATION (ORDERING DOCUMENT)
SD-5D505-01 ACP VERSION 7 APPLICATION SCHEMATIC
J5D036B-1 PAGODA AND 5ESS SWITCH MISCELLANEOUS CABINETS
J5D028D-1 ACP VERSION 7 SOFTWARE SPECIFICATION

ADVANCED COMMUNICATIONS PACKAGE VERSION 7 APPLICATION SCHEMATIC	DWG SIZE	ISSUE
	C2	2M

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EQUIPMENT NOTES: (CONT)

202. THE FOLLOWING CABLES ARE RECOMMENDED FOR ACP VERSION 7 APPLICATIONS

| CABLE DESIG.	EQUIPMENT TO BE CONNECTED			CABLE
CA1	ISLU TO DISTRIBUTING FRAME	U-INTERFACE	FOR 711 TYPE CONNECTORS	ED-50621-11,621
			FOR SWC TYPE CONNECTORS	ED-50621-11,621A
CA2			FOR TRW TYPE CONNECTORS	ED-50621-11,621B
		T-INTERFACE	FOR 711 TYPE CONNECTORS	ED-50621-11,61
				ED-50621-11,61A
CA3	DISTRIBUTING FRAME TO NT1 POWER SUPPLY HAYES 1200 MODEM TO DISTRIBUTING FRAME			ED-50621-11,661
CA4	NT1 POWER SUPPLY TO NT1 (AMI) AP TO BLACK BOX PORT SPLITTER			D6AP-87 CORD
CA5	NT1 TO DISTRIBUTING FRAME DISTRIBUTING FRAME TO 7B DII 3810 MODEM TO DISTRIBUTING FRAME 2224C DATA SET TO DISTRIBUTING FRAME DISTRIBUTING FRAME TO 7500B DATA MODULE			ED-50621-11,G61
CA7	Z3A DATA UNIT TO DATA TERMINAL EQUIPMENT 3810 MODEM TO DATA TERMINAL EQUIPMENT 2224C DATA SET TO DATA TERMINAL EQUIPMENT 7500B DATA MODULE TO 715 TERMINAL 572 PRINTER TO 715 TERMINAL BLACK BOX PORT SPLITTER TO TERMINAL			M258-87 CORD
CA8	3810 MODEM TO 829A DATA AUX SET			M8AA-87 CABLE WITH 50-PIN F/F GENDER CHANGER
CA9	829A DATA AUX SET TO DISTRIBUTING FRAME ASYNCHRONOUS DATA UNIT TO DF			T, R, T1, R1
CA10	NT1 TO 7500B DATA MODULE NT1 TO 7B DII NT1 TO PS TO NT1 (2B1Q)			D8W-87 CORD
CA11	ISC TO 7B DII (SPECIFY CA17 WHEN ISC IS GREATER THAN 7 FEET FROM 7B DII			(SEE CA17)
	ISC TO 3810 MODEM			SERIAL PORT CONNECTOR CABLE P/O ISC KIT
CA12	AP TO ALARM RELAY UNIT			ED-4C560-35,G1-G4
CA13	AP TO 3810 MODEM AP TO 2224C DATA SET AP TO Z3A DATA UNIT AP TO 7500B DATA MODULE AP TO 212AR DATA SET			ED-4C560-35,G1-G4 WITH ACU/MODEM ADAPTER 2750-CO9
CA14	AP TO AT&T 715 TERMINAL AP TO DATA TERMINAL EQUIPMENT AP TO BLACK BOX PORT SPLITTER			ED-4C560-35,G1-G4 WITH TERMINAL/PRINTER ADAPTER
CA15	AIC CARD TO SYSTEM CONSOLE PORT			PROVIDED WITH AIC CARD
CA16	Z3A ASYNCHROOUS DATA UNIT TO DATA TERMINAL EQUIPMENT			M25A-87
CA17	EXTENDER CABLE REQUIRED WHEN ISC IS GREATER THAN 7 FEET FROM 7B DII OR 3810			ED-50621-35,G144
CA18	7B DII TO 3810 MODEM			SEE NOTE 219
CA19	212AR TO DF			403094956 KS22658,L5
CA20	Z3A ADU TO CA13			M8AJ-87 F/F

EQUIPMENT NOTES: (CONT)

203. A DATA MOUNTING IS REQUIRED FOR USE WITH DATA SET/ DATA AUXILIARY SET. SEE TABLE BELOW FOR APPROPRIATE DATA MOUNTING.

DATA SET OR DATA AUXILIARY SET	DATA MOUNTING
829A	44A2
212AR	47D3

204. THE MAXIMUM DISTANCE (WIRING LENGTH) BETWEEN THE 5ESS ® SWITCH AND THE DISDNI IS 1 KILOMETER FOR T-INTERFACE AND 6.5 KILOMETER FOR U-INTERFACE

205. THE ISC KIT INCLUDES AN ISC FEATURE CARD AND CABLE. THE CABLE CONSISTS OF TWO RS-232-C CONNECTORS AT ONE END (J2 AND J3) AND A 37-PIN, D-TYPE CONNECTOR (J1) AT THE OTHER END. THE J1 CONNECTOR IS INSERTED INTO THE ISC CARD AND THE J2 CONNECTOR SHOULD BE INSERTED INTO THE 7B DII OR 3810 MODEM, THE J3 CONNECTOR IS UNUSED.
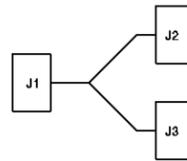
206. THE CONNECTORS, AT THE DISTRIBUTION FRAME, FOR THE 7B DII TO THE ISLU OR NT1 ARE AS FOLLOWS:
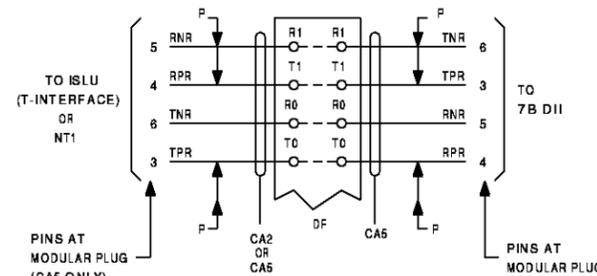

207. THE FOLLOWING DATA TERMINAL EQUIPMENT (DTE) IS RECOMMENDED FOR ACP APPLICATIONS: VOICE MESSAGE SYSTEM CAN BE CONNECTED VIA OPTION N, W, OR X.

AT&T MODEL 715 TERMINAL OR EQUIVALENT. QTY. AS REQUIRED AT&T MODEL PRINTER WITH TRACTOR OR EQUIVALENT. QTY AS REQUIRED. AT LEAST 1 TERMINAL AND 572 PRINTER IS REQUIRED FOR ADMINISTRATION.

208. THE CANDELA MESSAGE PRINTER IS A PORTABLE UNIT THAT CAN BE USED ANYWHERE THERE IS A TELEPHONE CONNECTED TO A MODULAR JACK. A T-CONNECTOR AND 6-PIN MODULAR CORD ARE PROVIDED WITH THE CANDELA PRINTER. CONNECTIONS ARE AS FOLLOWS.

EQUIPMENT NOTES: (CONT)

208. (CONT)
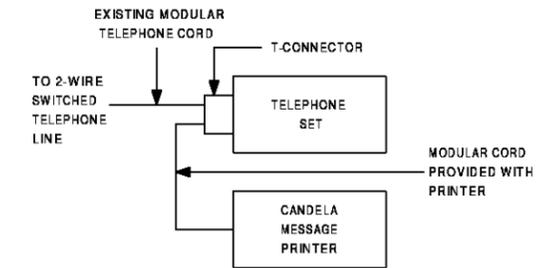
IF CANDELA (CMPS) FEATURE IS SELECTED, MUST HAVE HAYES 1200 SMART MODEM. QTY IS ENGINEERABLE.

209. IN ORDER TO INCREASE DISK STORAGE OR ADD A 9-TRACK TAPE UNIT THE FOLLOWING SMALL COMPUTER SYSTEM INTERFACE (SCSI) PERIPHERALS CAN BE ADDED:

9-TRACK TAPE UNIT REQUIRED IF CUSTOMER USES ASMDR DIRECT OUTPUT OPTION C MOR 9-TRACK CAPABILITY, OR RAO TAPE FEATURE.
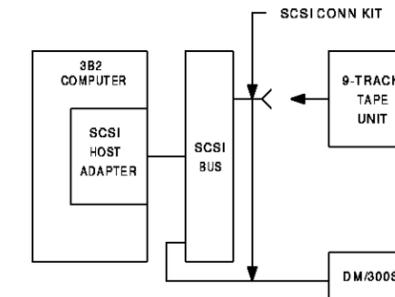
THE CUSTOMER CAN ORDER EITHER THE 9-TRACK UNIT OR THE DISK OR BOTH.

210. A CABINET SUITABLE FOR HOUSING A 3B2/1000 WITH IT'S ASSOCIATED MODEMS. DISDNI UNIT, NT1 ETC. IS AVAILABLE FROM AT&T-NS. CABINET WILL ALSO HOUSE 1 KVA INVERTER (NOTE 307) OR 1 KVA UPS. (NOTE 308).

211. THE MAXIMUM DISTANCE BETWEEN THE AP AND DTE CAN BE INCREASED FROM 50 TO 200 FEET IF LOW LOSS CABLE IS USED.

212. THE ADDITIONAL TERMINAL (WITH SLAVE PRINTER) IS REQUIRED FOR ACP ADMINISTRATION WHEN THE AP IS LOCATED ON A TELCO PREMISES. WHEN THE AP IS ON CUSTOMER PREMISES A TERMINAL USED FOR BUSINESS CUSTOMER ADMINISTRATION CAN ALSO BE USED FOR ACP ADMINISTRATION. THE ACP ADMINISTRATOR'S TERMINAL CAN BE DIAL-UP OR DEDICATED.

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EQUIPMENT NOTES: (CONT)

213. THE BILLBOARDS FEATURE, WHICH IS A PART OF CMSS, REQUIRES
     THE USE OF A BLACK BOX DATA BROADCAST PORT SPLITTER. (OPTIONAL
     FOR >1 BILLBOARD). EACH OF THE 6 OUTPUTS OF THE PORT SPLITTER MODEL
     TL074A CAN BE CONNECTED TO A 715 TERMINAL WITH KEYBOARD VIA
     LOCAL AREA DATA SETS, DEDICATED LINK OR DIRECT CONNECT. THE
     DATA SETS AND CONNECTIONS DEPICTED BY OPTIONS "N", "W"
     AND "X" OF THIS DRAWING CAN BE USED FOR THIS APPLICATION.
     ANY OUTPUT OF THE PORT SPLITTER CAN ALSO BE CONNECTED TO THE
     INPUT OF ANOTHER PORT SPLITTER, THUS PROVIDING 6 ADDITIONAL
     OUTPUTS FOR TERMINAL OR PORT SPLITTERS. THE CABLES BETWEEN THE PORT
     SPLITTER AND TERMINALS SHOULD BE M25B-87
     CABLE WITH A PRINTER ADAPTER. THE CABLES BETWEEN
     A PORT SPLITTER OUTPUT AND ANOTHER PORT SPLITTER SHOULD ALSO BE
     M25B-87 CABLE. PRIVATE LINE MODEMS
     OR LOCAL AREA DATA SETS CAN BE CONNECTED ON EITHER THE
     INPUT OR OUTPUTS OF THE PORT SPLITTER.

214. BRI TRANSMISSION EXTENSION (BRITE) CARDS IN D4 CHANNEL BANK
     CAN BE USED TO EXTEND THE BRI INTERFACE BEYOND THE 5.5KM LIMIT
     OF THE U-INTERFACE. THIS IS AN ALTERNATIVE TO THE DISDNI-
     MODEM-MODEM-AP METHOD OF EXTENDING THE 5ESS - TO AP LINK RANGE.
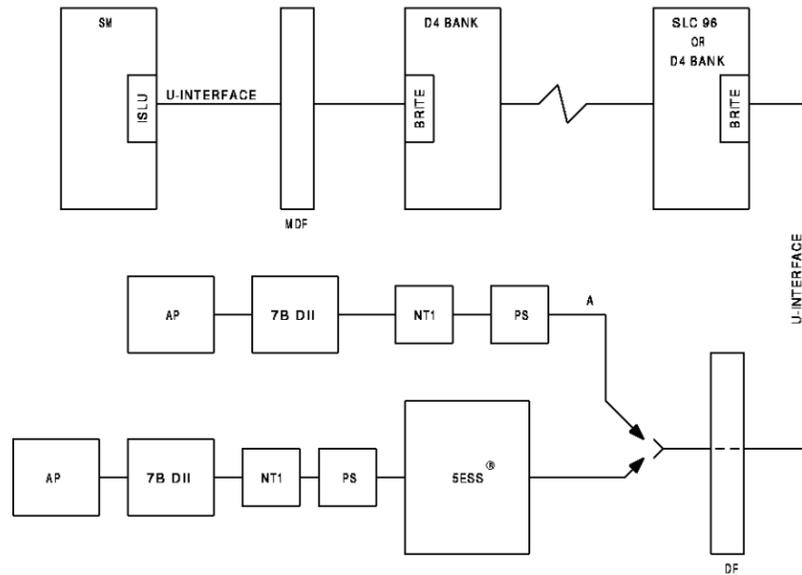
215. CMDR: AP CAN BE CONNECTED TO 93B POLLER OR NCOSS POLLER
          BY 212AR MODEM ONLY. IF UUCP TRANSMISSION OPTION IS USED
          AP CAN BE CONNECTED TO THE COLLECTING DEVICE VIA DIAL-UP
          MODEM (E.G. 2224C), DEDICATED LINK OR DIRECT CABLE IF CO-LOCATED.

     IF CUSTOMER WANTS 9-TRACK TAPE OUTPUT FROM AP, A SINGLE
     ENDED SCSI - COMPATIBLE 9-TRACK TAPE DRIVE IS REQUIRED.
     IT WILL BE CONNECTED TO THE SCSI HOST
     ADAPTER BUS, VIA SCSI CONNECT KIT .

EQUIPMENT NOTES: (CONT)

215. (CONT)
     CMDR OPTIONS
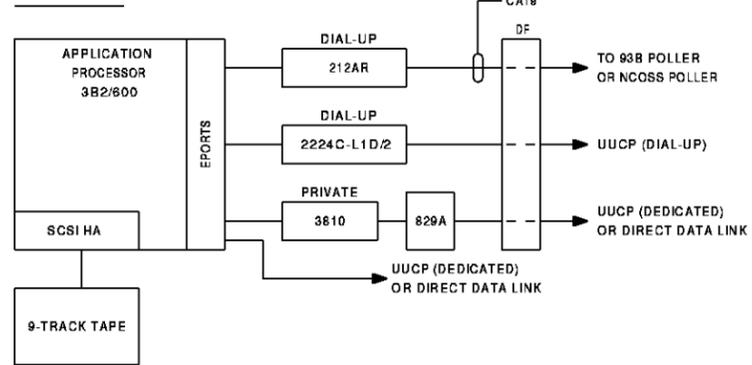
     9-TRACK TAPE UNIT MUST BE USED FOR ASMDR DIRECT
     OUTPUT OPTION AND RAO TAPE FEATURE.

216. THE ARU HAS A J2 CONNECTOR, DESIGNATED FOR ALARM RELAY
     CONNECTIONS. IT IS A 25 PIN (MALE) PB-25P TYPE PLUG.
     THE MATING CONNECTOR REQUIRED IS A 25 PIN (FEMALE)
     DB-25S TYPE RECEPTACLE, TO BE USER PROVIDED AND WIRED
     PER APPLICATIONS REQUIREMENTS (SEE SD-5P079-02).

217. THERE ARE TWO VERSIONS OF THE NT1 THAT MAY BE USED WITH ACP.
     DEPENDING ON WHAT GENERIC PROGRAM IS BEING USED BY THE 5ESS ®
     SWITCH AND WHETHER CUSTOMER IS NEW ISDN USER.

     FOR ALTERNATE MARK INVERSION (AMI) ENCODING ON API LINK.
     THIS NT1 MODEL IS FOR USE WITH SWITCHES THAT ARE ON THE
     5E5 GENERIC AND FOR CUSTOMERS WHO HAD ISDN SERVICE ON SWITCHES
     THAT WERE ON THE 5E4 OR 5E5 GENERICS BEFORE GOING TO THE 5E6 OR LATER
     GENERIC. THE COMCODES FOR THE NT1 HARDWARE FOR USE WITH THE AMI
     - ENCODED API ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
NT1 U	STAND-ALONE		405131137
NT1 P	CIRCUIT PACK MODULE		405131558
NT1 M	MOUNTING MODULE		405130832

     FOR 2B1Q ENCODING ON THE API LINK-THIS NT1 MODEL IS FOR
     NEW CUSTOMERS THAT ARE SERVED BY SWITCHES THAT ARE ON
     THE 5E6 OR LATER GENERIC. (IF THE CUSTOMER HAD ISDN SERVICE ON
     AN EARLIER GENERIC, THE AMI INTERFACE IS TO BE MAINTAINED;
     THEREFORE, THE AMI NT1 MUST BE USED). COMCODES FOR 2B1Q
     NT1 HARDWARE ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
NT1 U-220	STAND-ALONE		406733725
NT1 M-200	MOUNTING MODULE		406040550

     THE AMI AND 2B1Q UNITS USE THE SAME POWER SUPPLIES WHICH ARE:

UNIT	DESCRIPTION	APPARATUS CODE	COMCODE
STAND-ALONE		353A	104380753
BULK UNIT		945-1	405216417

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EQUIPMENT NOTES: (CONT)

218. A 572 PRINTER IS REQUIRED FOR APERR REPORTS. THIS PRINTER
CAN BE SHARED FOR TED/ACA AND/OR ASMDR REPORTS, CONVERSELY,
A HIGH SPEED PRINTER FOR TED/ACA AND ASMDR REPORTS CAN BE USED
FOR APERR REPORTS. THE APERR PRINTER MUST BE AVAILABLE TO THE
ACP ADMINISTRATOR.

219. THE CONNECTION BETWEEN THE 7B DIRECT INTELLIGENT INTERFACE
(DII) AND THE 3810 MODEM IS AS SHOWN BELOW. THE INMAC PROGRAMMABLE
ADAPTER MODULES MUST BE WIRED ON SITE AND LABELED AS DII AND MODEM.

CA18
DII TO SYNCHRONOUS DCE

DII   3810 MODEM

```
                 2    3              3     3
7B DII           3    5              5     2
(MALE)           5    2      8    8  2     4          SYNC
                 7    7     PIN  PIN 7     7          DCE
                 8    6     MOD  MOD 6     20         MODEM
                 20   4     JK    JK 4     8          (MALE)
                 24   1              1     15
                 25   8              8     17
                        D8W-87
                         CORD
                      (50 FOOT MAX)

INMAC 351-2                  INMAC 351-2
PROGRAMMABLE                 PROGRAMMABLE
405628504                    405628504
```

220. WHEN THE AT&T 3810 IS USED WITH THE 7B DII IN THE API LINKS,
THE 3810 OPTIONS MUST BE SET AS FOLLOWS:

OPTION	SET TO	
	AT SWITCH	AT AP
DTE INTERFACE	SYNC	SYNC
DTR ACTION	STANDARD RS232	STANDARD RS232
DSR CONTROL	STANDARD RS232	STANDARD RS232
RTS ACTION	STANDARD RS232	SIM CNTL CAR
CTS CONTROL	FORCED ON	FORCED ON
RTS/CTS DELAY	0MSEC	0MSEC
LSD CONTROL	SIM CNTL CAR	STANDARD RS232
TX CLOCK SOURCE	INTERNAL	RXC LOOP
CT111 RATE CNTL	DISABLE	DISABLE
DTE RATE	DISABLE	DISABLE

THE 7B DII DIP SWITCHES (UNDER DOOR ON FRONT OF UNIT)
MUST BE SET UP AS FOLLOWS:
3, 7 UP (OPEN), ALL OTHER DOWN (CLOSED).

221. WHEN THE 7B DII IS COLOCATED WITH THE AP, THE DIP SWITCHES
MUST BE SET AS FOLLOWS:
3, 5 UP (OPEN), ALL OTHERS DOWN (CLOSED).

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INFORMATION NOTES:

301. UNLESS OTHERWISE SPECIFIED:
RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES
ARE IN MICROFARADS, VALUES PRECEEDED BY THE SYMBOL
+ (PLUS) OR - (MINUS) ARE IN VOLTS.

302.

FEATURE OR OPTION	PROVIDE		
	APP FIG	APP OR WRG	QUANTITY
BRI LINK IS PROVIDED TO REMOTE LOCATION		Z	
BRI LINK IS PROVIDED TO REMOTE LOCATION VIA MODEMS		Y	
DTE IS CO-LOCATED WITH, BUT GREATER THAN 50 FEET FROM AP (SEE NOTE 211)		X	
DTE IS LOCATED WITHIN 50 FEET OF AP (SEE NOTE 211)		W	
U-INTERFACE IS PROVIDED		V	
T-INTERFACE IS PROVIDED		T	
UNASSIGNED		S	
UNASSIGNED		R	
DIAL-UP LINK IS PROVIDED TO AP		Q	
DEDICATED LINK IS PROVIDED TO AP		N	
DIAL-UP BRI LINK IS PROVIDED FOR AP CO-LOCATED WITH ISLU		M	
DIAL-UP BRI LINK IS PROVIDED FOR AP LOCATED REMOTE FROM ISLU		K	
REMOTE CONSOLE TERMINAL IS DESIRED		J	
REMOTE CONSOLE TERMINAL IS NOT DESIRED		H	
CMPS FEATURE IS PROVIDED		G	
SCSI-BASED PERIPHERALS ARE PROVIDED		F	
BILLBOARDS FEATURE IS PROVIDED		E	
WHEN SMSI FEATURE IS REQ'D — VMS IS CO-LOCATED WITH AP — GREATER THAN 50FT		X	
WHEN SMSI FEATURE IS REQ'D — VMS IS CO-LOCATED WITH AP — WITHIN 50FT		W	
WHEN SMSI FEATURE IS REQ'D — VMS IS REMOTE FROM AP		N	
WHEN 1KVA UPS FEATURE IS — PROVIDED WHEN AP IS LOCATED REMOTE FROM ISLU		D	
WHEN 1KVA UPS FEATURE IS — NOT PROVIDED		C	
WHEN 1KVA INVERTER FEATURE IS — PROVIDED WHEN AP IS CO-LOCATED WITH ISLU		B	
WHEN 1KVA INVERTER FEATURE IS — NOT PROVIDED		A	
MSP IS PROVIDED		ZA	
WHEN NT1U IS PROVIDED		ZB	
WHEN NT1U 220 IS PROVIDED		ZC	

INFORMATION NOTES: (CONT)

303.

RECORD OF APP FIGURES, WIRING AND APPARATUS CHANGES

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION WAS FURN.	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA

304. THE FOLLOWING FEATURES ARE AVAILABLE WITH VERSION 7 RELEASE 1 ACP:
ACP SEE (J5D028D-1)

AUTOMATIC CIRCUIT ASSURANCE (ACA)
ADVANCED STATION MESSAGE DETAIL REPORTING (ASMCR)
ELECTRONIC DIRECTORY SERVICE
CUSTOMER MESSAGE SERVICE SYSTEM (CMSS)
FACILITIES MANAGEMENT SYSTEM (FMS)
SIMPLIFIED MESSAGE SERVICE INTERFACE (SMSI)
CANDELA MESSAGE PRINTER SYSTEM (CMPS) P/O CMSS FEATURE
CENTRALIZED MESSAGE DETAIL RECORDING
(MSP) MESSAGE SERVICE PAGING
RAO TAPE
DIRECTORY DATA BASE INFORMATION (DDI)
TRAFFIC ENGINEERING DATA (TED)
BUSINESS CUSTOMER LOCKOUT
BASIC CUSTOMER MESSAGE SYSTEM
GLOBAL LIST ACCESS

305. THE FOLLOWING IS A LIST OF ASSOCIATED CIRCUITS:

SD-5D001-01	5ESS®FLOOR PLAN DATA
SD-5D014-01	5ESS®SYSTEM APPLICATION SCHEMATIC
SD-5D091-01	INTEGRATED SERVICES LINE UNIT
SD-5D118-01	5ESS®SWITCHING MODULE
SD-5D123-01	RISLU CABINET
J1P1368-1	ALARM RELAY UNIT
ED-5D691-32	ACP VERSION 7 SPECIFICATION (ORDERING DOCUMENT)
SD-5D505-01	ACP VERSION 7 APPLICATION SCHEMATIC
J5D038B-1	PAGODA AND 5ESS®SWITCH MISCELLANEOUS CABINETS
J5D028D-1	ACP VERSION 7 SOFTWARE SPECIFICATION

306. GLOSSARY:
API - APPLICATIONS PROCESSOR INTERFACE
ACP - ADVANCED COMMUNICATIONS PACKAGE
AP - APPLICATIONS PROCESSOR
APMSG - AP MESSAGE SERVICING SUBSYSTEM
ARU - ALARM RELAY UNIT
BRI - BASIC RATE INTERFACE
CMDR - CENTRALIZED MESSAGE DETAIL RECORDING
DII - DIRECT INTELLIGENT INTERFACE
DDI - DIRECTORY DATABASE INFORMATION
DF - DISTRIBUTING FRAME
DLTU - DIGITAL LINE TRUNK UNIT
DSX - DIGITAL CROSS CONNECT BAY
DTE - DATA TERMINAL EQUIPMENT
EPORT - ENHANCED PORT
ISC - INTELLIGENT SERIAL CONTROLLER
ISDN - INTEGRATED SERVICES DIGITAL NETWORK
ISLU - INTEGRATED SERVICES LINE UNIT
MSP - MESSAGE SERVICE PAGING
NT1 - NETWORK TERMINATION TYPE 1
RAO - REVENUE ACCOUNTING OFFICE

INFORMATION NOTES: (CONT)

306. (CONT)

RISLU - REMOTE ISLU
RSM - REMOTE SWITCHING MODULE
SCSI - SMALL COMPUTER SYSTEMS INTERFACE
SMSI - SIMPLIFIED MESSAGE SERVICE INTERFACE
TED - TRAFFIC ENGINEERING DATA
UPS - UNINTERRUPTIBLE POWER SUPPLY
VMS - VOICE MESSAGE SYSTEM

307. 1 KVA INVERTER - POWER MARK WP91652.L20 MODEL 611-04
CAN BE USED IN C.O. APPLICATION AND RUN OFF THE -48V
C.O. BATTERY OUTPUT 8.3A 120VAC: 7 IN. HIGH X 17 IN.
WIDE X 17 IN. DEEP: 61 LBS, COMCODE 405686783

308. 1 KVA UPS (UNINTERRUPTIBLE POWER SUPPLY) - PEC
2403-200 - INPUT: 120VAC: OUTPUT 8.3 AMPS @ 120VAC AT
TYPICAL LOAD, 10 MINUTES, 14 IN. HIGH X 8 IN.
WIDE X 12.5 IN. DEEP: 65 LBS.

309. VERSION 7 ACP SYSTEM MUST BE INSTALLED USING INSTALLATION
ENGINEERING HANDBOOK 567.

310. COULD ADD OPTIONAL DUAL DCE CARD 2000A(L3) TO THE 7500B
DATA MODULE AND HAVE 2 ASYNCHRONOUS CONNECTIONS TO AP.
TWO DIFFERENT LINKS OFF SINGLE BRI.

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