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COMMUNICATION MODULE, MODEL 2

DWD SIZE
C2

ISSUE
17M

AT&TSD-5D140-01

SHEET
A2

PRINTED IN U.S.A.

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1510

10

B

A

A

B

DESIGNATION MNEMONICS INDEX

COMMUNICATION MODULE, MODEL 2							
MNEMONIC	DEFINITION	MNEMONIC	DEFINITION	MNEMONIC	DEFINITION	MNEMONIC	DEFINITION
SD5D140 MNEMONICS POWER		(3-8)ADGN3B	BAY 3-8 DIAGNOSTIC LEAD FROM MSPUS TO PREVIOUS MSPUS OF MSCU2 MSCU	(0-1)SC(X,Y)3B10,R0,1,R1	SIDE 0 OR 1 SCAN X OR Y AND RETURNS FROM NETWORK CLOCK TO 3B1OP SIDE 0 OR 1	(3-8)SCW(LIC)	BAY 3-8 SCAN W LOOP FOR EVEN OR ODD TMSU2/3 IN END BAY
(5-6)M48C(A,AR,B,BR,C,CR,D,DR,E,ER)	BAY 5 OR 6 MINUS 48 VOLT POWER TO THE COMMUNICATION MODULE CONTROL UNIT FOR THE SNS18, 485KA, NETWORK CLOCK OSCILLATOR, 410CA, AND 410AA OR RETURN	(3-8)MAN(OVR,RTN)(0,1)	BAY 3-8 MANUAL OVERRIDE LEADS FROM MSPUS TO PREVIOUS MSPUS OR MSCU2 MSCU	(0-1)OOS3B(0,R0,1,R1)	SIDE 0 OR 1 OUT OF SERVICE OR RETURN TO NETWORK CLOCK FROM 3BOP SIDE 0 OR 1	(3-8)ALM(PA,PB,SO,S1)	BAY 3-8 FUSE ALARM TO MSPUS POWER GROUPS A AND B AND TMSU2/3 UPPER AND LOWER SHELF
(3-8)M48F(A,AR,B,BR,C,CR,D,DR,E,FR,G,GR)	BAY 3-8 MINUS 48 VOLT POWER TO THE FAN UNIT FOR A, B, C, E, F, OR G FAN OR RETURN	(5-6)(A,B)DO(S,SR)	BAY 5 OR 6 FPC OR MSCU OUT OF SERVICE OR RETURN FROM MSCU2 MSCU TO 3BOP	(0-1)SCANR	BAY 5 OR 6 FAN SCAN RETURN TO 3BOP SIDE 0 OR 1	(3-8)ALM(J1-J5)	BAY 3-8 FUSE ALARM JUMPER STRAPS 1-5 FOR TYPING FUSE ALARM GROUPS TOGETHER
(5-6)M48M(A,AR,B,BR)	BAY 5 OR 6 MINUS 48 VOLT POWER TO THE MESSAGE SWITCH CONTROL UNIT FOR THE FPC OF THE MSCU OR RETURN	(5-6)(A,B)MPF(0,1)Y	BAY 5 OR 6 FPC OR MSCU MATE POWER FAIL FROM MSCU2 MSCU TO 3BOP SIDE 0 OR 1 (SCAN Y)	(0-1)BSCANC	BAY 5 OR 6 FAN SCAN TO 3BOP SIDE 0 OR 1	(5-6)ALM(CG,FN,MA,MB,CLK)	BAY 5 AND 6 FUSE ALARMS TO THE CMCU FOR THE CMCU AND FANS, TO THE MSCU2 FOR THE FPC AND THE MSCU AND TO THE NETWORK CLOCK
(3-8)M48P(A,AR,B,BR)	BAY 3-8 MINUS 48 VOLT POWER TO THE MESSAGE SWITCH PERIPHERAL UNIT FOR SINGLE MMP OR DUAL MMP OR RETURN	(5-6)(A,B)RO(P,PR)	BAY 5 OR 6 FPC OR MSCU REQUEST IN PROGRESS OR RETURN TO MSCU2 MSCU3 FROM 3BOP	(0-1)BRST1	BAY 5 OR 6 FAN ALARM RESET RETURN FROM 3BOP SIDE 0 OR 1	(5-6)TST(CG,FN,MA,MB)	BAY 5 AND 6 FUSE TEST TO THE CMCU FOR THE CMCU AND FANS, TO THE MSCU2 FOR THE FPC AND THE MSCU AND TO THE NETWORK CLOCK
(3-8)M48S(A,C,D,E)(0,OR,1,1R)	BAY 3-8 MINUS 48 VOLT POWER TO THE TIME MULTIPLEXED SWITCH UNIT FOR THE SNS18, 410CA, 410AA, AND 410AA IN THE (0)UPPER TMSU2/3 OR (1) LOWER TMSU2/3 OR RETURN	(5-6)(A,B)SCW(0,R0,1,R1)	BAY 5 OR 6 FPC OR MSCU SCAN W OR RETURN FROM MSCU2 MSCU3 TO 3BOP SIDE 0 OR 1	(3-4,7-8)RST7FA(N,NS)	BAYS 3-4 OR 7-8 FAN ALARM RESET AND RETURN TO PREVIOUS FAN UNIT	(3-8)TST(PA,PB,SO,S1)	BAY 3-8 FUSE TEST TO MSPUS POWER GROUPS A AND B AND TMSU2 UPPER AND LOWER SHELF
(3-8)M48SL(0,1)	BAY 3-8 MINUS 48 VOLT POWER TO THE TIME MULTIPLEXED SWITCH UNIT FOR THE NCT UNITS IN THE UPPER OR LOWER TMSU2/3	(5-6)(A,B)SCX(0,OR,1,1R)	BAY 5 OR 6 FPC OR MSCU SCAN X OR RETURN FROM MSCU2 MSCU3 TO 3BOP SIDE 0 OR 1	(3-4,7-8)BSCANO	BAYS 3-4 OR 7-8 FAN SCAN TO PREVIOUS FAN UNIT	(3-8)E(F)FCPAR	BAY 3-8 FABRIC CONTROL BOARD 0 OR 1 FABRIC CONTROL BOARD PARITY
(0-1)(M,P)CPM(2,5)	BAY 3, 4, 7, 8 SIDE 0 OR 1 MINUS OR PLUS LEAD CURRENT PROGRAMMING FOR MINUS 2, OR MINUS 5V FROM TMSU2/3 TO E BUS	(5-6)(A,B)SCYR(0,1)	BAY 5 OR 6 FPC OR MSCU SCAN Y RETURN FROM MSCU2 MSCU3 TO 3BOP SIDE 0 OR 1	(0-1)SCZ(0B,R)(0,1)	SIDE 0 OR 1 SCAN Z OR RETURN FROM TMSU2/3 TO PREVIOUS TMSU2/3 OR CMCU	(3-8)E(O)SSEL	BAY 3-8 EVEN OR ODD TMSU2/3 SHELF SELECT
(0-1)M(2,3)	SIDE 0 OR 1 MINUS 2 OR MINUS 5V POWER	(0-1)ADGN(3B,R)(0,1)	SIDE 0 OR 1 DIAGNOSTIC LEADS FROM MSCU2 MSCU3 TO 3BOP SIDE 0 OR 1	(0-1)SCX(3B,R)(0,1)	SIDE 0 OR 1 SCAN X OR RETURN FROM TMSU2/3 TO PREVIOUS TMSU2/3 OR CMCU	(3-4)OOS(0,1,E,0)	BAY 3-8 OUT OF SERVICE LED STRAP FOR UNEQUIPPED +5 VOLT POWER UNIT IN THE UPPER (0) OR LOWER (1) TMSU2/3 AND FOR UNEQUIPPED -5 VOLT POWER UNIT IN THE EVEN OR ODD TMSU2/3
GND	GROUND	(0-1)MAN(OVR,RTN)(0,1)	SIDE 0 OR 1 MANUAL OVERRIDE LEADS FROM MSCU2 MSCU3 TO 3BOP SIDE 0 OR 1	(0-1)SCY(3B,R)(0,1)	SIDE 0 OR 1 SCAN Y OR RETURN FROM TMSU2/3 TO PREVIOUS TMSU2/3 OR CMCU	(3-8)INTS(0,1,E,0)	BAY 3-8 POWER CONVERTER INTERLOCK STRAP FOR UNEQUIPPED +5 VOLT POWER UNIT IN THE UPPER (0) OR LOWER (1) TMSU2/3 AND FOR UNEQUIPPED -5 VOLT POWER UNIT IN THE EVEN OR ODD TMSU2/3
SCAN AND DISTRIBUTE (3-8)(A,B)MPF(0,1)	BAY 3-8 MATE POWER FAIL ACTIVE LOW FROM MSPUS TO 3BOP	(0-1)DGN(0,1,R0,R1)	SIDE 0 OR 1 DIAGNOSTIC LEAD OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1	(2-1)OQAB	SIDE 0 OR 1 DIAGNOSTIC LEAD FROM CMCU TO TMSU2/33	IONM	MSCU2 SIDE 0 OR 1 COMMAND INTERRUPT FROM IONM A, B, C, OR D TO PERIPHERAL CONTROLLER COMMUNITY 0-3 ACTIVE LOW
(3-8)(A,B)DO(S,SR)	BAY 3-8 OUT OF SERVICE AND RETURN FROM MSPUS TO 3BOP	(0-1)SCNV(0,R0,1,R1)	SIDE 0 OR 1 SCAN V OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1	(0-1)HQIP3B	SIDE 0 OR 1 REQUEST IN PROGRESS LEAD FROM CMCU TO TMSU2/38	(0-1)CINT(A,B)(0-3)0	MSCU2 SIDE 0 OR 1 CLEAR PERIPHERAL CONTROLLER FROM IONM A, B, C, OR D TO PERIPHERAL CONTROLLER COMMUNITY 0-3
(3-8)(A,B)RO(P,PR)	BAY 3-8 REQUEST IN PROGRESS AND RETURN FROM MSPUS TO 3BOP	(0-1)SCNX(0,R0,1,R1)	SIDE 0 OR 1 SCAN X OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1	(03,04,17,18)E(O)OOS(3B,R)	SIDE 0 OR 1 BAY 3-4 EVEN OR ODD TMSU2/3 OUT OF SERVICE LOOP TO LAST TMSU2 OR CMCU NOTE: 18500R AND 18000S3B ARE TIED TOGETHER WITHIN THE CMCU 08000R AND 08000S3B ARE TIED TOGETHER WITHIN THE CMCU	(0-1)CLRPC(A,B)(0-3)	
(3-8)(A,B)SCW(0,R0,1,R1)	BAY 3-8 SCAN W OR RETURN FROM MSPUS TO 3BOP 0 OR 1	(0-1)SCNY(0,R0,1,R1)	SIDE 0 OR 1 SCAN Y OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1	(0-1)SCZ(0,R0,1,R1)	SIDE 0 OR 1 SCAN Z OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1		
(3-8)(A,B)SCX(0,OR,1,1R)	BAY 3-8 SCAN X OR RETURN FROM MSPUS TO 3BOP 0 OR 1	(0-1)ROIP(0,R0,1,R1)	SIDE 0 OR 1 REQUEST IN PROGRESS OR RETURN FROM CMCU TO 3BOP SIDE 0 OR 1	(0-1)OOS3B(0,R0,1,R1)	SIDE 0 OR 1 OUT OF SERVICE OR RETURN TO CMCU FROM 3BOP SIDE 0 OR 1		
(5-6)(A,B)SCY(0,1)R	BAY 5-6 SCAN Y RETURN FROM MSPUS TO 3BOP 0 OR 1	(0-1)OOS(3B,R)(0,1)	SIDE 0 OR 1 OUT OF SERVICE OR RETURN TO NETWORK CLOCK FROM 3BOP SIDE 0 OR 1	(3-8)SCY(LIC)	BAY 3-8 SCAN Y LOOP FOR EVEN OR ODD TMSU2/3 IN END BAY		

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COMMUNICATION MODULE, MODEL 2

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DWG SIZE
C2

ISSUE
17M

SHEET
A3

DESIGNATION MNEMONICS INDEX

COMMUNICATION MODULE, MODEL 2

MNEMONIC	DEFINITION	MNEMONIC	DEFINITION	MNEMONIC	DEFINITION	MNEMONIC	DEFINITION
(0,1)OCSA(A,B)(0-3)(0-3)0	MSCU2/AMSCU3 SIDE 0 OR 1 CONTROL SINGLE ACKNOWLEDGE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 ACTIVE LOW	(0,1)SA(A,B)(0-3)(0-3)0	MSCU2/AMSCU3 SIDE 0 OR 1 SERVICE REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 PROCESSOR 0-3 ACTIVE LOW	(0,1)(0,1)TMSR(1,0R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH SERVICE REQUEST ACTIVE HIGH OR ACTIVE LOW RETURN	(0,1)1 OC(0,1,02,03,04,05,06,07)(S,SR,C,CR)	SIDE 0 AND 1 MESSAGE INTERFACE BOARD IN SLOT 154 OUTPUT DATA TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPU3 COMMUNITY 02, 03, 04, 05, 06, 07 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS
(0,1)DMA(A,B)(0-3)(0-15)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ADDRESS IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 ADDRESS LEADS 00-15	(0,1)CLKIO(1,0)(N,P)	MSCU2/AMSCU3 SIDE 0 OR 1 CLOCK FROM 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)TRCK(0,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TRANSMIT CLOCK ACTIVE LOW OR ACTIVE HIGH RETURN	TMS INTERFACE (0,1)MI320(C,T)	TMSU2/3 SHELF 0 SIDE 0 OR 1 MESSAGE INTERFACE 32MHz CLOCK OUT COMPLEMENT OR TRUE
(0,1)DMAD(A,B)(0-3)(0-8)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ACCESS DATA IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 DATA LEADS 0-8	(0,1)DA(H,L)(0,1)(N,P)	MSCU2/AMSCU3 SIDE 0 OR 1 DATA HIGH OR LOW FROM 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)TRMD(T,TR)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TRANSMIT DATA OR RETURN	(0,1)MI32(C,T)	TMSU7/3 SHELF 0 SIDE 0 OR 1 MESSAGE INTERFACE 32MHz CLOCK OUT COMPLEMENT OR TRUE
(0,1)DMAOC(A,B)(0,3)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ACCESS OPERATION COMPLETE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3	(0,1)REQ(0,1)(N,P)	MSCU2/AMSCU3 SIDE 0 OR 1 REQUEST TO 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)LUT(1,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 LINK INTERFACE INTERRUPT ACTIVE HIGH OR RETURN	(0,1)MI32(C,T)	MESSAGE INTERFACE 32MHz CLOCK COMPLEMENT OR TRUE
(0,1)DMARQ(A,B)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ACCESS REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3	(0,1)XCLKIO(1)(N,P)	MSCU2/AMSCU3 SIDE 0 OR 1 TRANSMIT CLOCK TO 38 DMA UNIT SIDE 0 OR 1 NEGATIVE OR POSITIVE LEAD	(0,1)(0,1)LISL(0,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 LINK INTERFACE SELECT ACTIVE LOW OR ACTIVE HIGH RETURN	(0,1)MIDAT(T,C)	TMSU7/3 SHELF 0 SIDE 0 OR 1 MESSAGE INTERFACE 8MHz SYNC COMPLEMENT OR TRUE
(0,1)DMARQ(A,B)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ACCESS REQUEST IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3	CONTROL AND DIAGNOSTIC (0,1)(0,1)MIIT(1,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 MESSAGE INTERFACE INTERRUPT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)NCIT(1,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 NETWORK CLOCK INTERRUPT ACTIVE HIGH OR RETURN	(0,1)TMSID(C,T)	TMSU7/3 SHELF 0 SIDE 0 OR 1 MESSAGE INTERFACE DATA TRUE OR COMPLEMENT
(0,1)DMAWR(A,B)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 DIRECT MEMORY ACCESS WRITE IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3	(0,1)(0,1)MISL(1,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 MESSAGE INTERFACE SELECT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)NCSEL(L,R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 NETWORK CLOCK SELECT OR RETURN	TMS CLOCK CROSS-COUPLE X&K(IN,OUT)(C,T)	CROSS-COUPLE 8MHz SYNC INPUT OR OUTPUT COMPLEMENT OR TRUE
(0,1)ER(A,B)(0-3)(0-3)0	MSCU2/AMSCU3 SIDE 0 OR 1 ERROR TO IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 PROCESSOR 0-3 ACTIVE LOW	(0,1)(0,1)TRMT(1,1R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH INTERRUPT ACTIVE HIGH OR RETURN LEAD	(0,1)(0,1)PCVDT(,TR)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 RECEIVE DATA OR RETURN	NETWORK CLOCK CROSS-COUPLE XCPL(IN,OUT)(N,P)	NETWORK CLOCK CROSS-COUPLE INPUT OR OUTPUT NEGATIVE OR POSITIVE RAIL
(0,1)INT(A,B)(0-3)(0-3)0	MSCU2/AMSCU3 SIDE 0 OR 1 INTERRUPT IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0-3 PROCESSOR 0-3 ACTIVE LOW	(0,1)(0,1)TMRD(Y,YR)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH READY OR RETURN	MESSAGE INTERFACE BUS (0,1)1 4M(01,02,03,04,05,06,07)(S,SR,C,CR)	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 154 4 MHz CLOCK TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPU3 COMMUNITY 02, 03, 04, 05, 06, 07 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	TBHN(N,P)	TIME BASE INPUT NEGATIVE OR POSITIVE RAIL
(0,1)XOOL(A,B)(0-3)0	MSCU2/AMSCU3 SIDE 0 OR 1 OUT OF LEVEL IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 ACTIVE LOW	(0,1)(0,1)TMSR(T,TR)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 TIME MULTIPLEXED SWITCH RESET OR RETURN	(0,1)1 5Y(01,02,03,04,05,06,07)(S,SR,C,CR)	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 154 8 MHz SYNC TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPU3 COMMUNITY 02, 03, 04, 05, 06, 07 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	TB(N,P)	TIME BASE INPUT NEGATIVE OR POSITIVE RAIL
(0,1)PCSL(A,B)(0-3)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 PERIPHERAL CONTROLLER SELECT IOMI A,B,C, OR D PERIPHERAL CONTROLLER COMMUNITY 0-3 PROCESSOR 0-3	(0,1)(0,1)DTVAL(L,R)	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 DATA VALID OR RETURN	(0,1)1 ID(01,02,03,04,05,06,07)(S,SR,C,CR)	SIDE 0 OR 1 MESSAGE INTERFACE BOARD IN SLOT 154 INPUT DATA TO THE FOUNDATION AND PUMP PERIPHERAL CONTROLLER OR MSPU3 COMMUNITY 02, 03, 04, 05, 06, 07 IN THE SAME OR OPPOSITE SIDE OF THE CM2 OR RETURNS	DIGITAL NETWORK CLOCK REFERENCE (0,1)REF(1-8)(N,P)	NETWORK CLOCK SIDE 0 OR 1 DIGITAL REFERENCE 1-8 NEGATIVE OR POSITIVE RAIL
(0,1)RISLS(A,B)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 RESET ISOLATE IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0-3	(0,1)(0,1)ACTDAR	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE CONTROL AND DIAGNOSTIC LINK RETURN				
(0,1)SISLS(A,B)(0-3)	MSCU2/AMSCU3 SIDE 0 OR 1 SET ISOLATE IOMI A,B,C, OR D PERIPHERAL CONTROLLER 0-3	(0,1)(0,1)SACAL	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE FPC STATUS CONTROL AND DIAGNOSTIC LINK				
		(0,1)(0,1)STADAR	MI SIDE 0 OR 1 MSCU SIDE 0 OR 1 ACTIVE FPC STATUS CONTROL AND DIAGNOSTIC LINK RETURN				

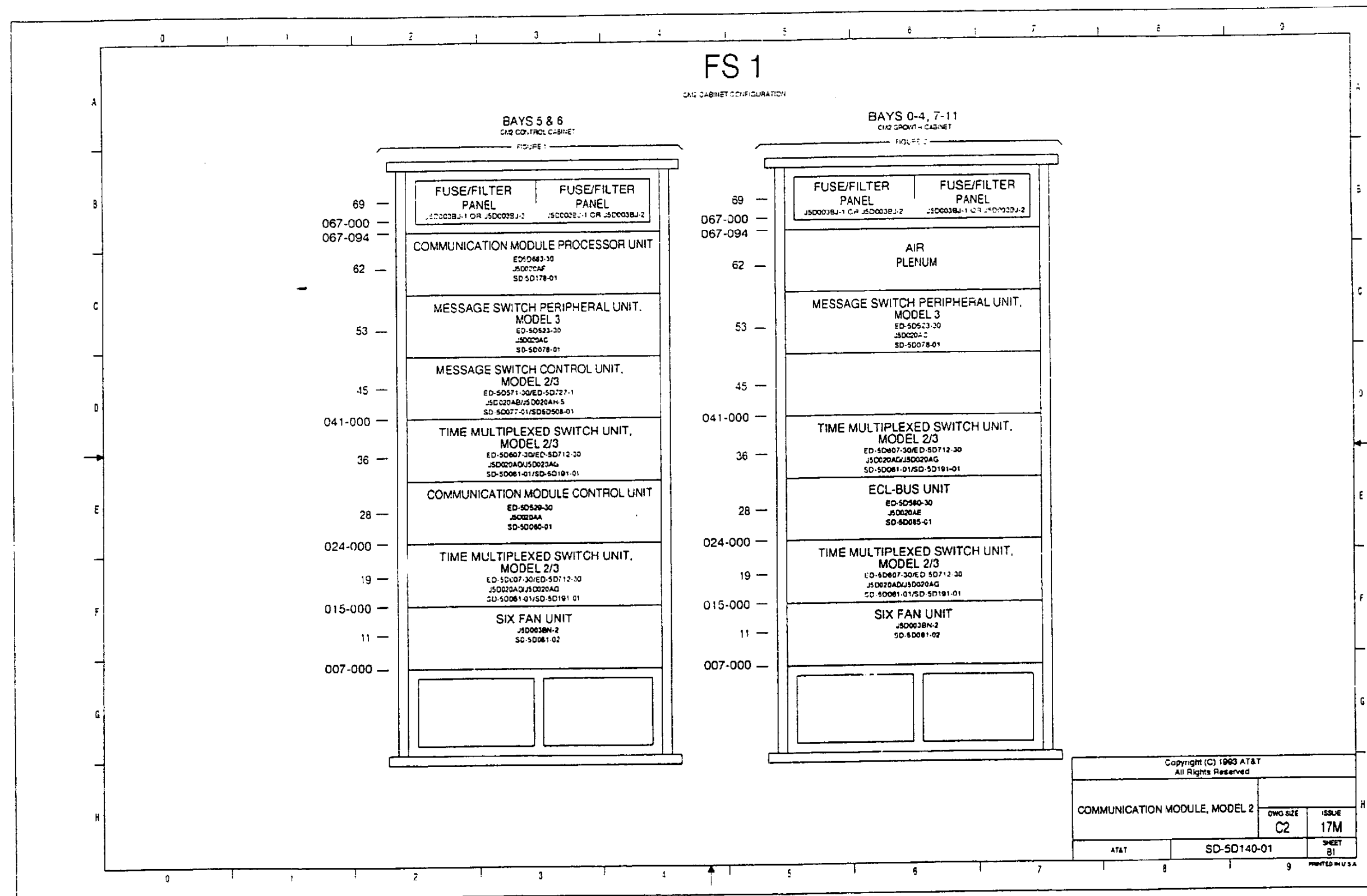
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COMMUNICATION MODULE, MODEL 2		ISSUE 17M
AT&T	SD-5D140-01	SHEET A4

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DESIGNATION MNEMONIC INDEX			
COMMUNICATION MODULE, MODEL 2			
LINE/ION	DEFINITION	MNEMONIC	DEFINITION
(0,1) EXM (G-3)(C,T)	SIDE 0 OR 1 EBUS MUX CONTROL LEADS 0-3 COMPLEMENT OR TRUE	(3,8) MS(U,L)BS2(C,T)	BAY 3 OR 8 EBUS MUX TAP BOARD TO SUB UPPER OR LOWER 85MHz CLOCK 2 COMPLEMENT OR TRUE
(0,1) ST(CD1,ER)(0-5)(C,T)	SIDE 0 OR 1 EBUS SUB TO CNCU RETURN DATA OR ERRORS FROM TMSU2/3 SHELF 0-5 COMPLEMENT OR TRUE	(4,7) MS(U,L)SY1(C,T)	BAY 4 OR 7 EBUS MUX TAP BOARD TO SUB UPPER OR LOWER 8K SYNC 1 COMPLEMENT OR TRUE
(0,1) EK(85M.SYN)(3,4)(C,T)	SIDE 0 OR 1 EBUS TO CLOCK TAP 85MHz CLOCK OR 8K SYNC LEADS 0-4 COMPLEMENT OR TRUE	(3-4,7-8) MS(U,L)D(C,T)	BAY 3-4 OR 7-8 EBUS MUX TAP BOARD TO SUB CONTROL UPPER OR LOWER ADDRESS OR CONTROL DATA COMPLEMENT OR TRUE
(0,1) EK(85M.SYN)(3,4)(C,T)	SIDE 0 OR 1 EBUS TO CLOCK TAP 85MHz CLOCK OR 8K SYNC LEADS 3 AND 4 COMPLEMENT OR TRUE	(3-4,7-8) MS(U,L)M(0-3)(C,T)	BAY 3-4 OR 7-8 EBUS MUX TAP BOARD TO SUB MUX CONTROL UPPER OR LOWER LEADS 0-3 COMPLEMENT OR TRUE
(0,1) ECADD(C,T)	SIDE 0 OR 1 EBUS CONTROL ADDRESS COMPLEMENT OR TRUE	(3,8) MS(U,L)SY2(C,T)	BAY 3 OR 8 EBUS MUX TAP BOARD TO SUB UPPER OR LOWER 8K SYNC 2 COMPLEMENT OR TRUE
(0,1) ECDAT(C,T)	SIDE 0 OR 1 EBUS CONTROL ADDRESS COMPLEMENT OR TRUE	CS(0,1)D(85M.SYN)(C,T)	SIDE 0 OR 1 CLOCK BOARD TO SUB IN TMSU2/3 SHELF 0 OR 1 85MHz CLOCK OR 80K SYNC COMPLEMENT OR TRUE
(0,1) EMXM(0-3)(C,T)	SIDE 0 OR 1 EBUS TO MUX TAP MUX CONTROL LEADS 0-3 COMPLEMENT OR TRUE	TSCD(0,1)(C,T)	SIDE 0 OR 1 CONTROL DATA FROM TMS INTERFACE BOARD TO SUB BOARD ON SHELF 0 OR 1 COMPLEMENT OR TRUE
(0,1)(E,D)M(85M.SYN)(0-2)(C,T)	SIDE 0 OR 1 EVEN OR ODD TO MUX TAP 85MHz CLOCK OR 8K SYNC LEADS 0-2 COMPLEMENT OR TRUE	TSCD(0,1)(C,T)	SIDE 0 OR 1 CONTROL ADDRESS FROM TMS INTERFACE BOARD TO SUB BOARD ON SHELF 0 OR 1 COMPLEMENT OR TRUE
(0,1) EMG(ADD,DAT)(C,T)	SIDE 0 OR 1 EBUS TO MUX TAP CONTROL ADDRESS AND CONTROL DATA COMPLEMENT OR TRUE	TSUB(ED)1M(0-3)(C,T)	SIDE 0 OR 1 TMS INTERFACE BOARD TO SUB BOARD ON EVEN OR ODD SHELF MUX CONTROL LEADS 0-3 COMPLEMENT OR TRUE
(0,1) SE(0-2)D(00-31)(C,T)	SIDE 0 OR 1 EBUS SUB TO EBUS RECEIVE DATA FOR FABRIC BOARDS 01 OR 2 DATA LEADS 00-31 COMPLEMENT OR TRUE	(0,1)(E,D)1 B(O,P)(0,1)	SPARE WIRES
(0,1) EP(0-2)D(00-31)(C,T)	SIDE 0 OR 1 EBUS TO DATA TAP BOARDS 0, 1, OR 2 DATA LEADS 00-31 COMPLEMENT OR TRUE	(0,1)(E,D)1 C(O,P)(0,1)	SPARE WIRES
(3-8)P(0-2)F(L,U)D(00-31)	BAY 3-8 EBUS DATA TAP BOARD 0, 1, OR 2 TO FABRIC BOARD LOWER OR UPPER DATA LEADS 00-31	(0,1)(E,D)1 D(G,H)(0,1)	SPARE WIRES
(3-8)KF(0-2)U,L)(85,SY)(C,T)	BAY 3-8 EBUS CLOCK TAP TO FABRIC BOARD 0, 1, OR 2 UPPER OR LOWER 85MHz CLOCK OR 8K SYNC COMPLEMENT OR TRUE	(0,1) SPARE(0-23)	SPARE WIRES
(3-8)KF(0-2)U,L)(85,SY)(C,T)	BAY 3-8 EBUS CLOCK TAP TO FABRIC BOARD 0, 1, OR 2 UPPER OR LOWER 85MHz CLOCK OR 8K SYNC COMPLEMENT OR TRUE	SPARE (0-9)	SPARE WIRES
(3-8)KC(0-1)U,L)(85,SY)(C,T)	BAY 3-8 EBUS CLOCK TAP TO FABRIC CONTROL BOARD 0, OR 1 UPPER OR LOWER 85MHz CLOCK OR 8K SYNC COMPLEMENT OR TRUE	00 SPARE(1,8,9)	SPARE WIRES
(4,7)MS(U,L)BS1(C,T)	BAY 4 OR 7 EBUS MUX TAP BOARD TO SUB UPPER OR LOWER 85MHz CLOCK 1 COMPLEMENT OR TRUE		

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COMMUNICATION MODULE, MODEL 2		
DWG. SIZE C2	ISSUE 17M	
AT&T	SD-5D140-01	SHEET A5

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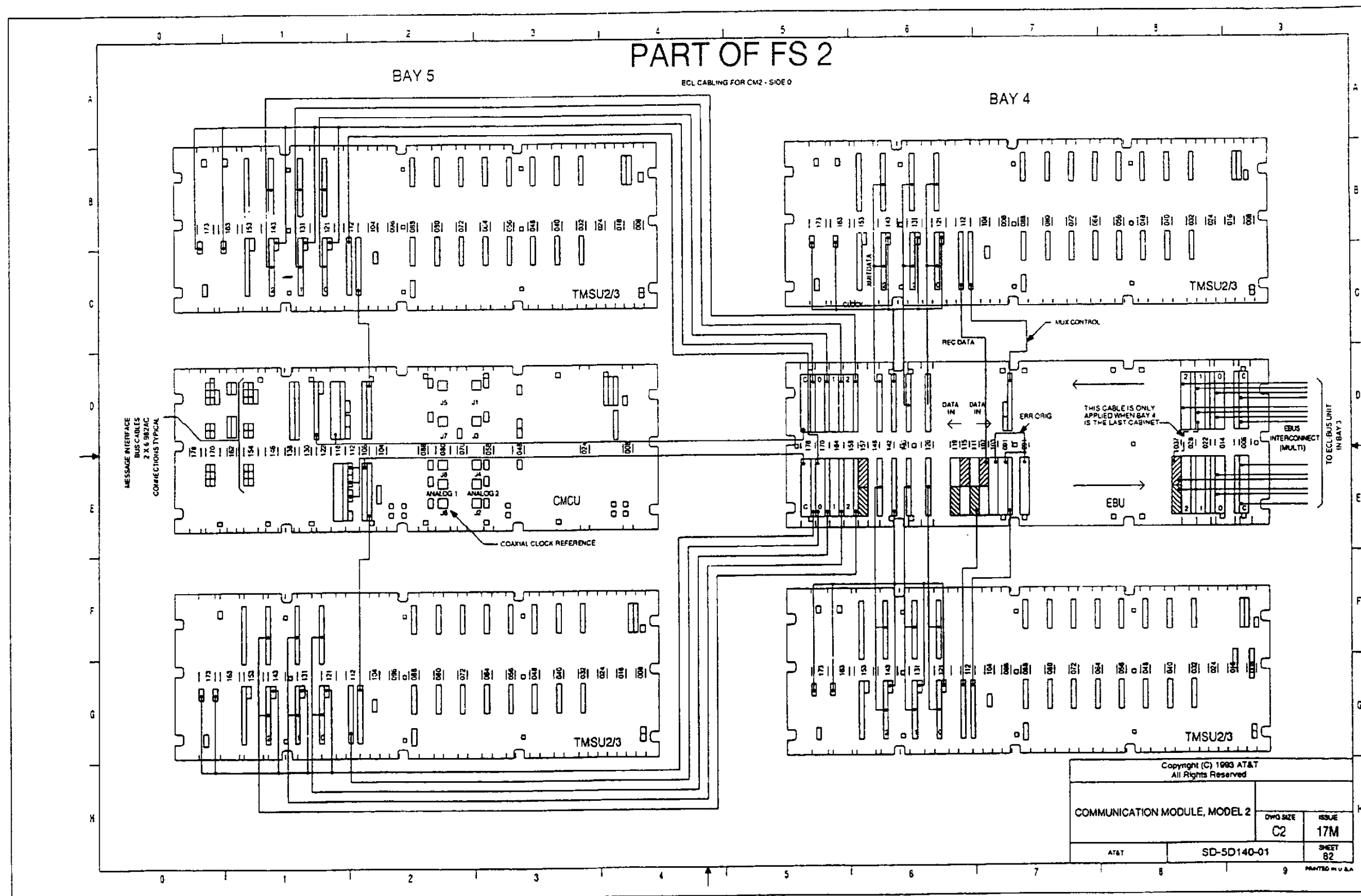
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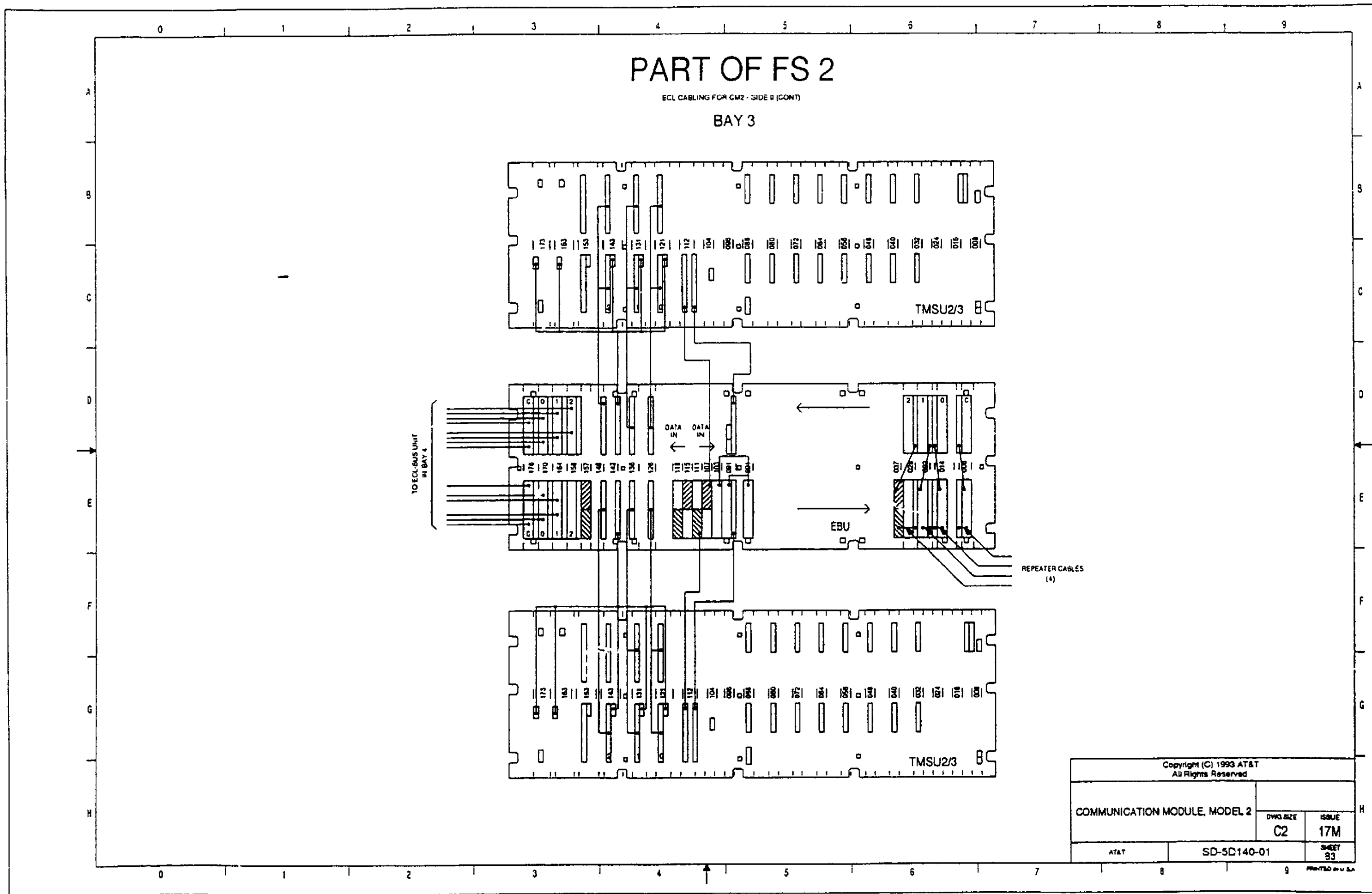
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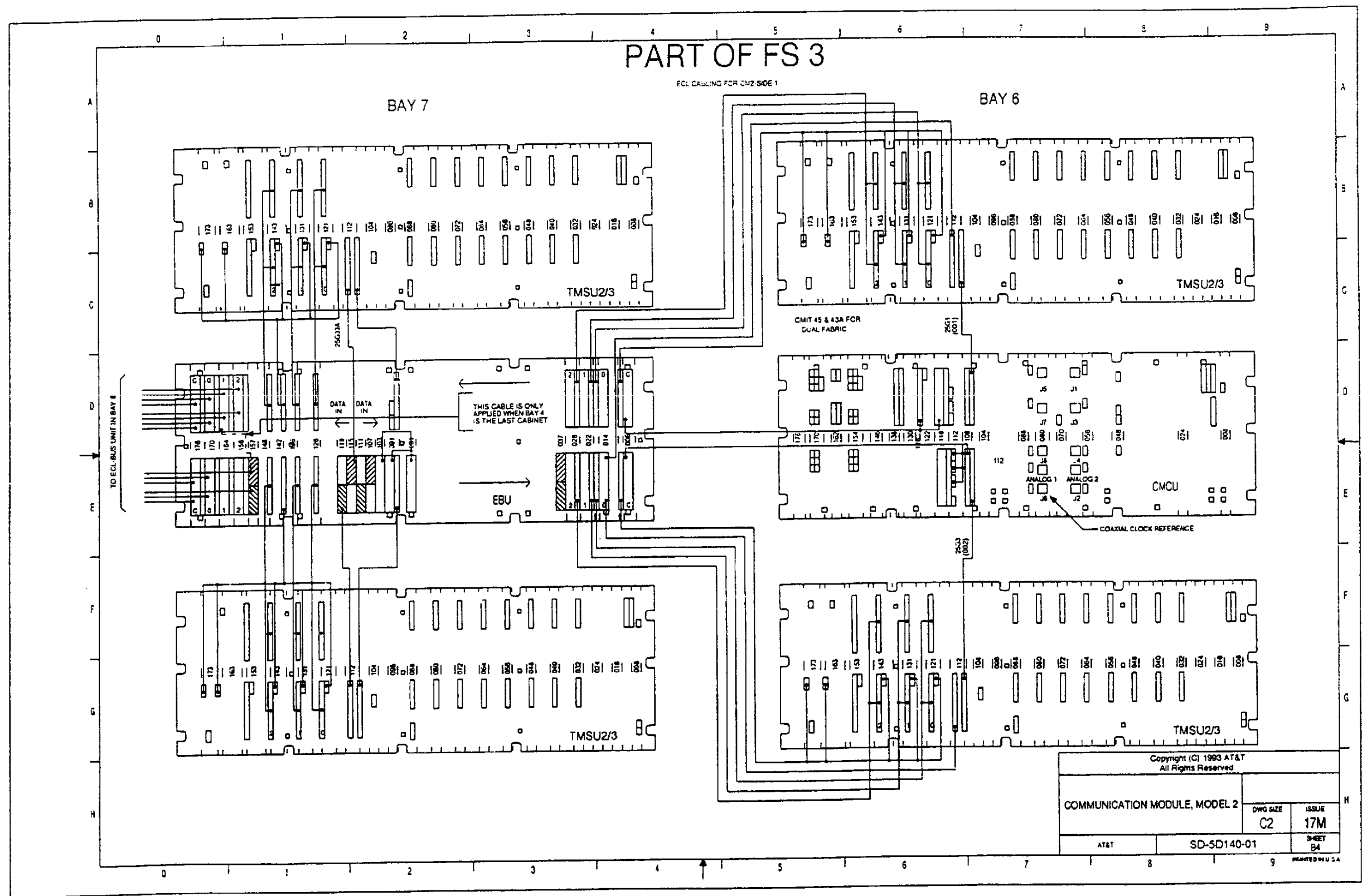
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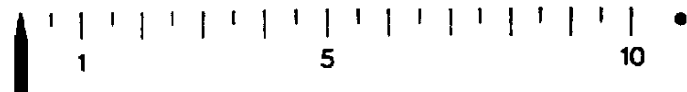
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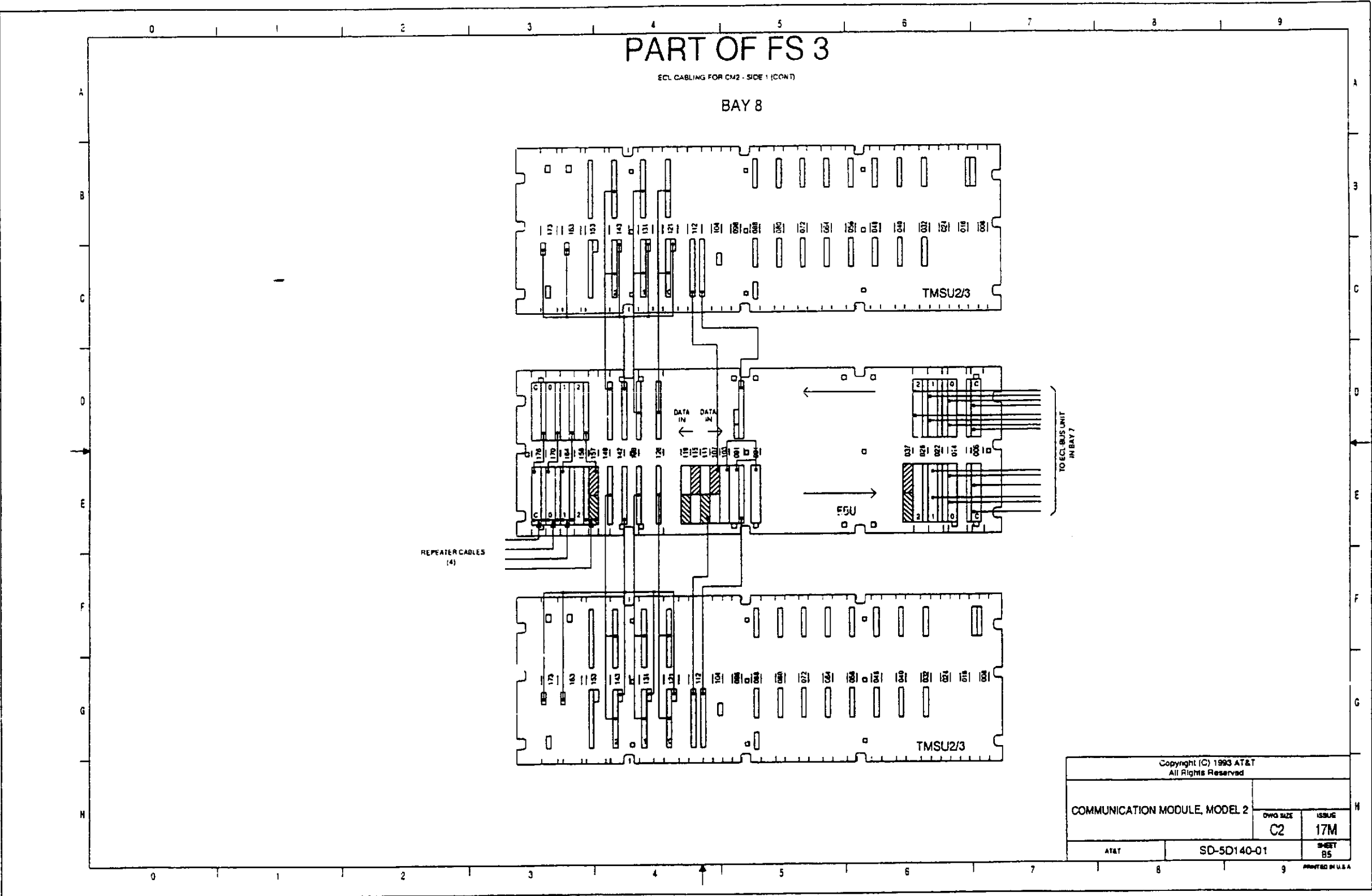
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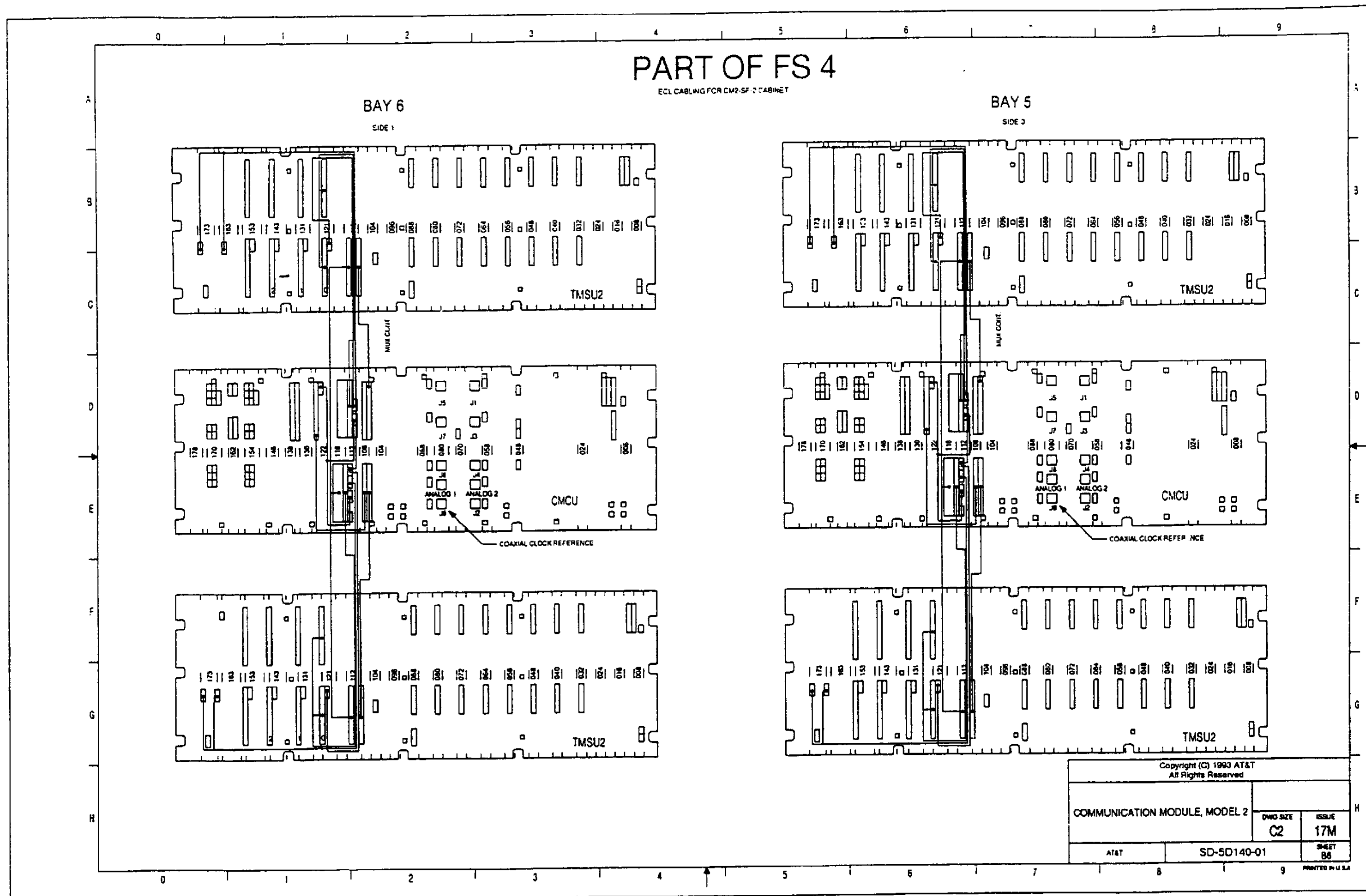
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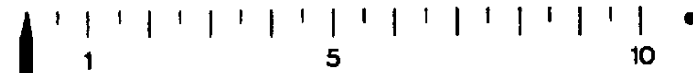
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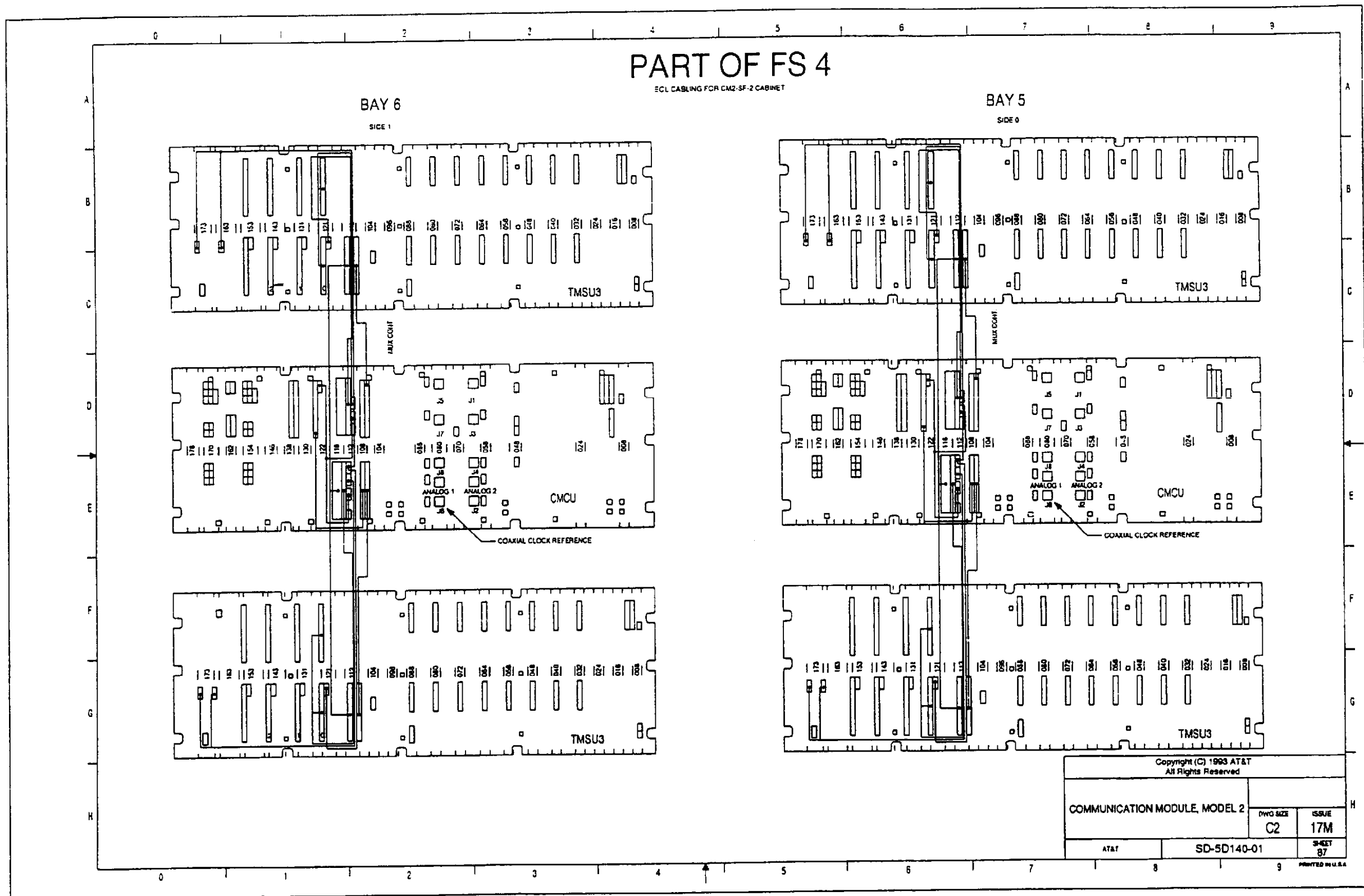
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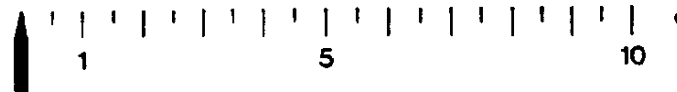
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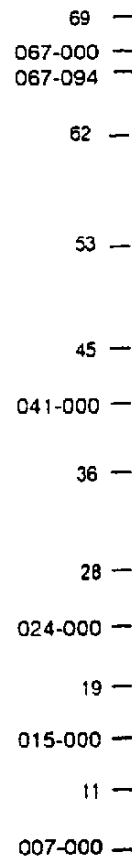
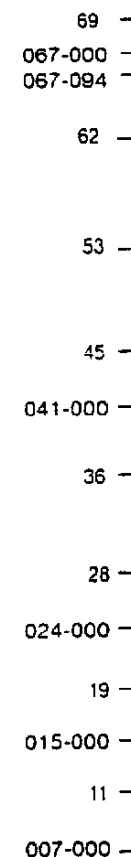
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CM2 CABINET CONFIGURATION



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COMMUNICATION MODULE, MODEL 2		DWG SIZE C2	ISSUE 17M
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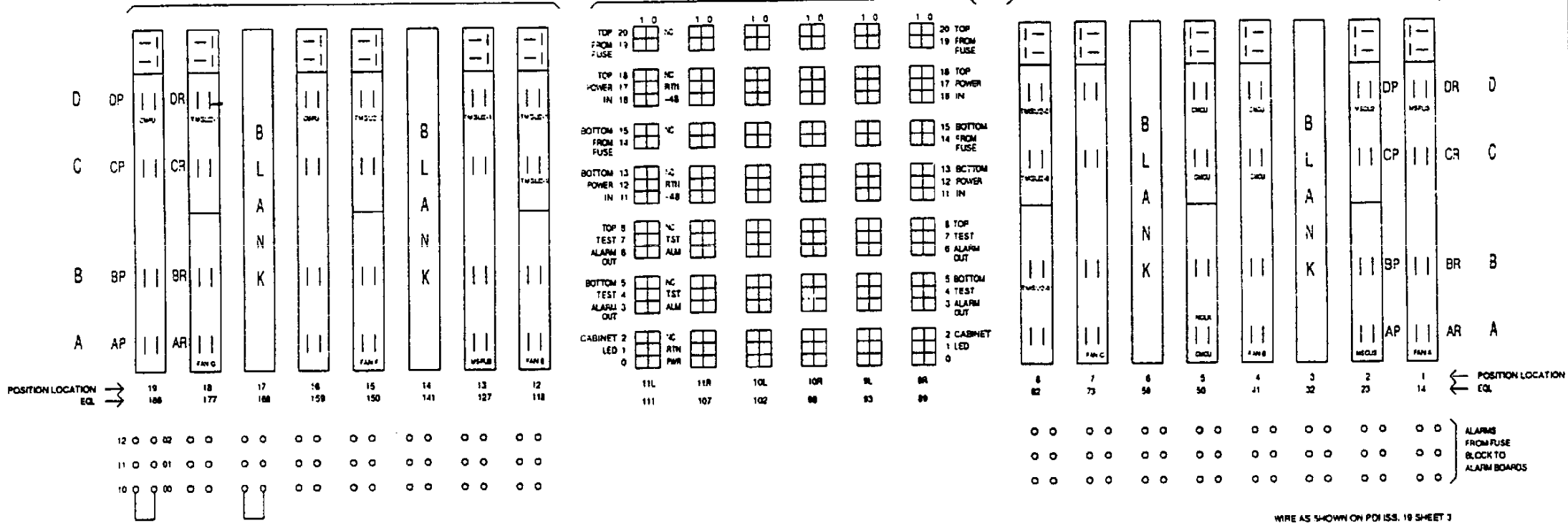
PART OF FS 5

FJ FUSE FILTER
FOR CABINETS 5 AND 6
(AS VIEWED FROM REAR)

FUSE BLOCKS

ALARM BOARDS

FUSE BLOCKS



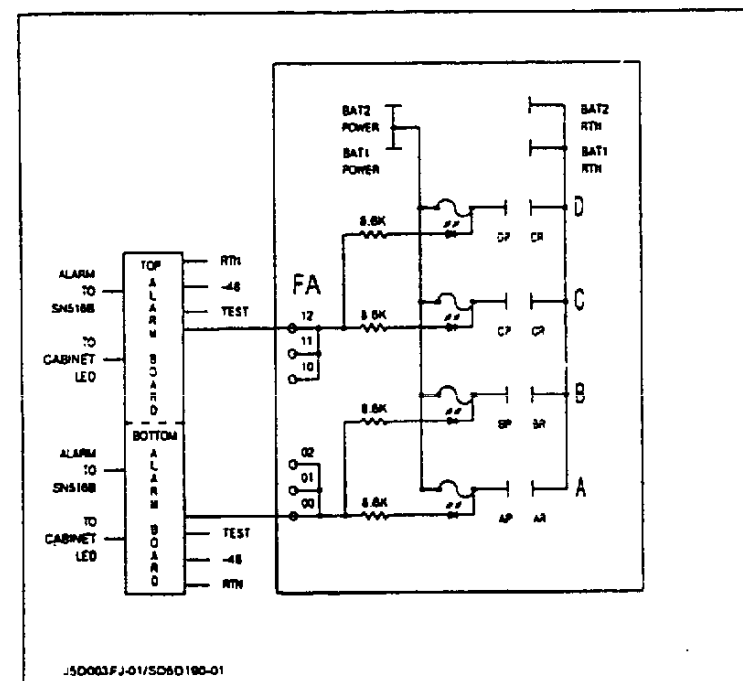
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COMMUNICATION MODULE, MODEL 2

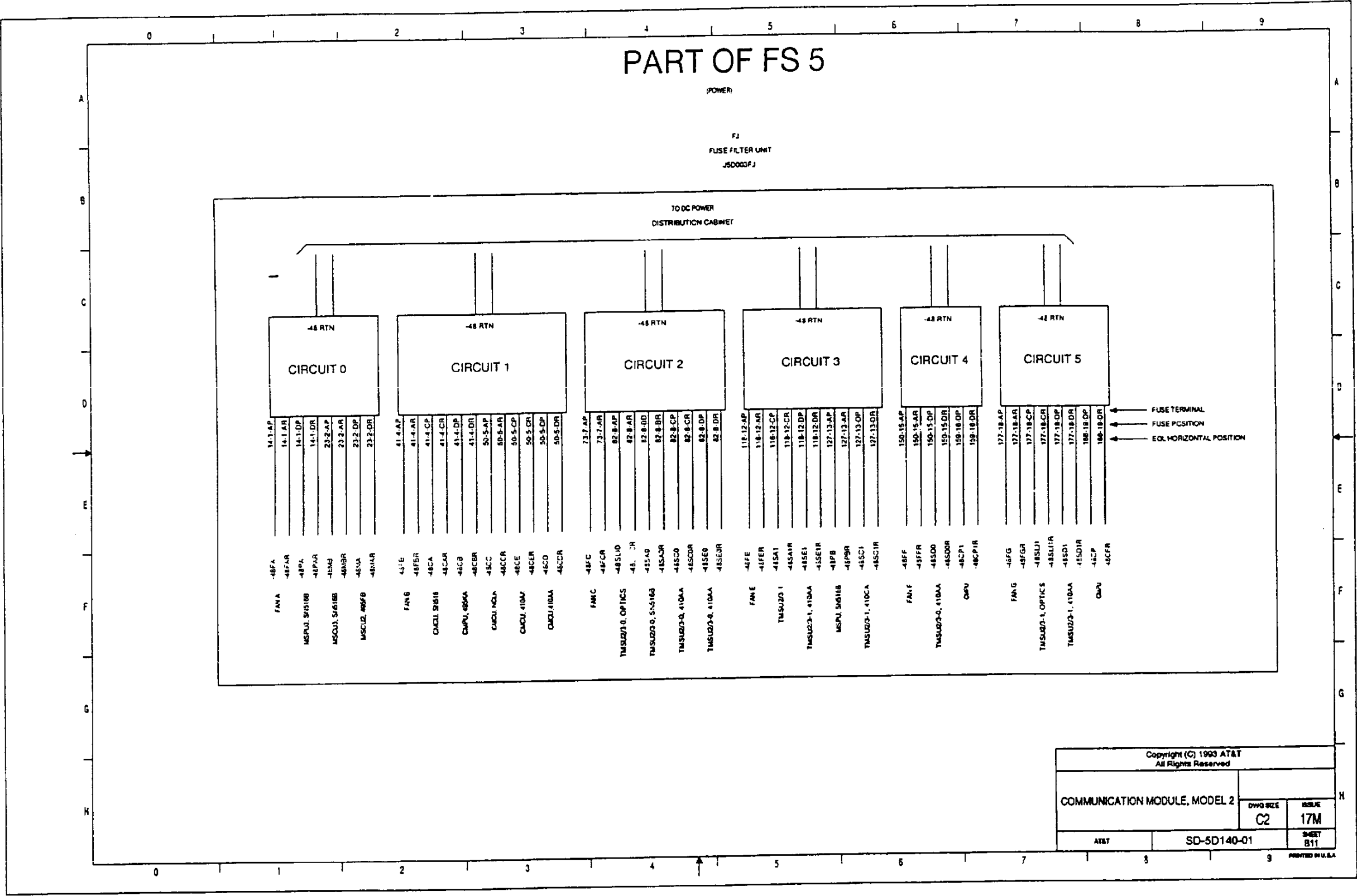
DVD SIZE C2 ISSUE 17M

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TYPICAL FUSE BLOCK
FJ-FUSE FILTER UNIT



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COMMUNICATION MODULE, MODEL 2		Drawn SIZE	ISSUE
		C2	17M
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COMMUNICATION MODULE, MODEL 2

DWG SIZE

C2

ISSUE

17M

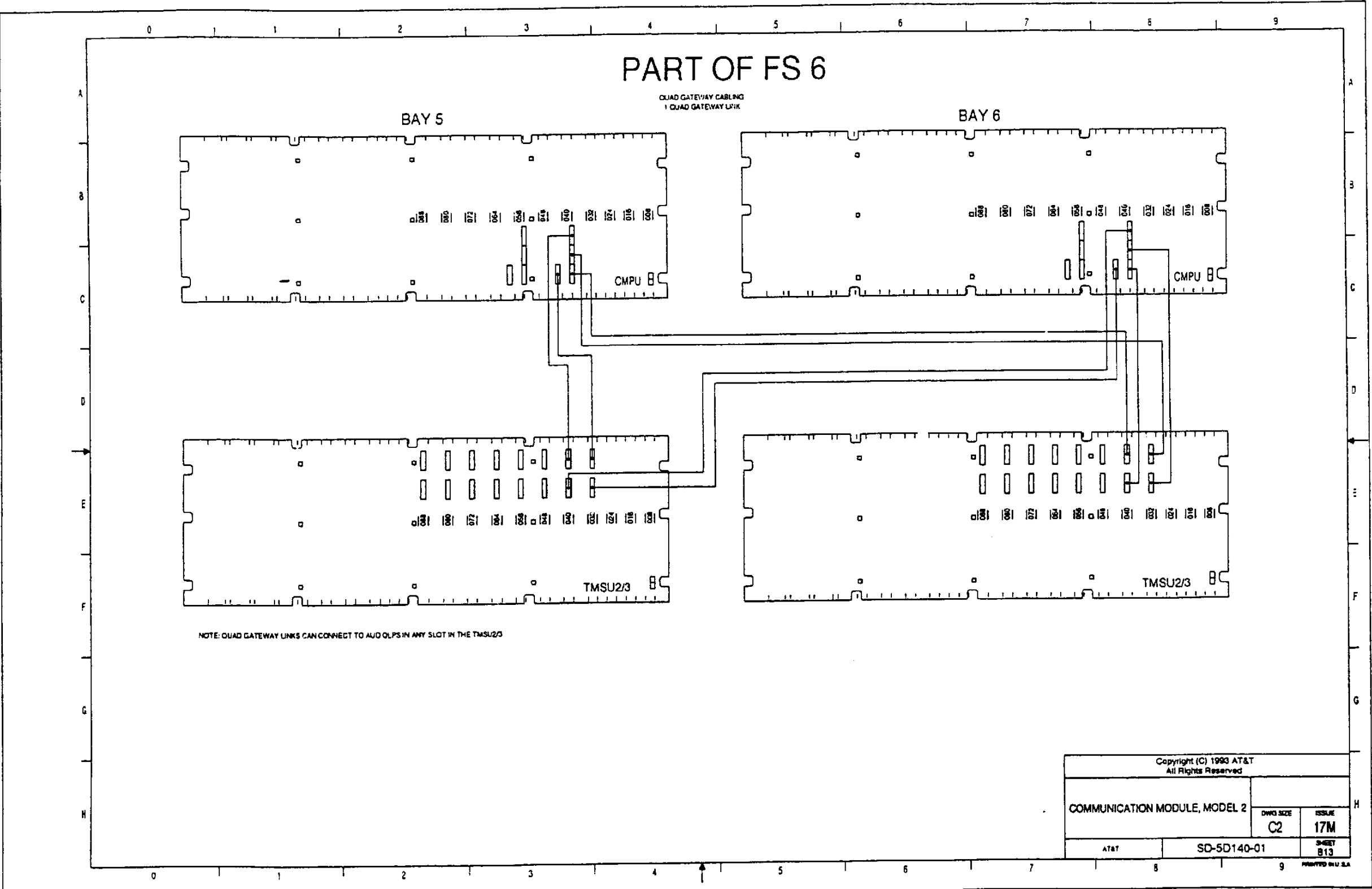
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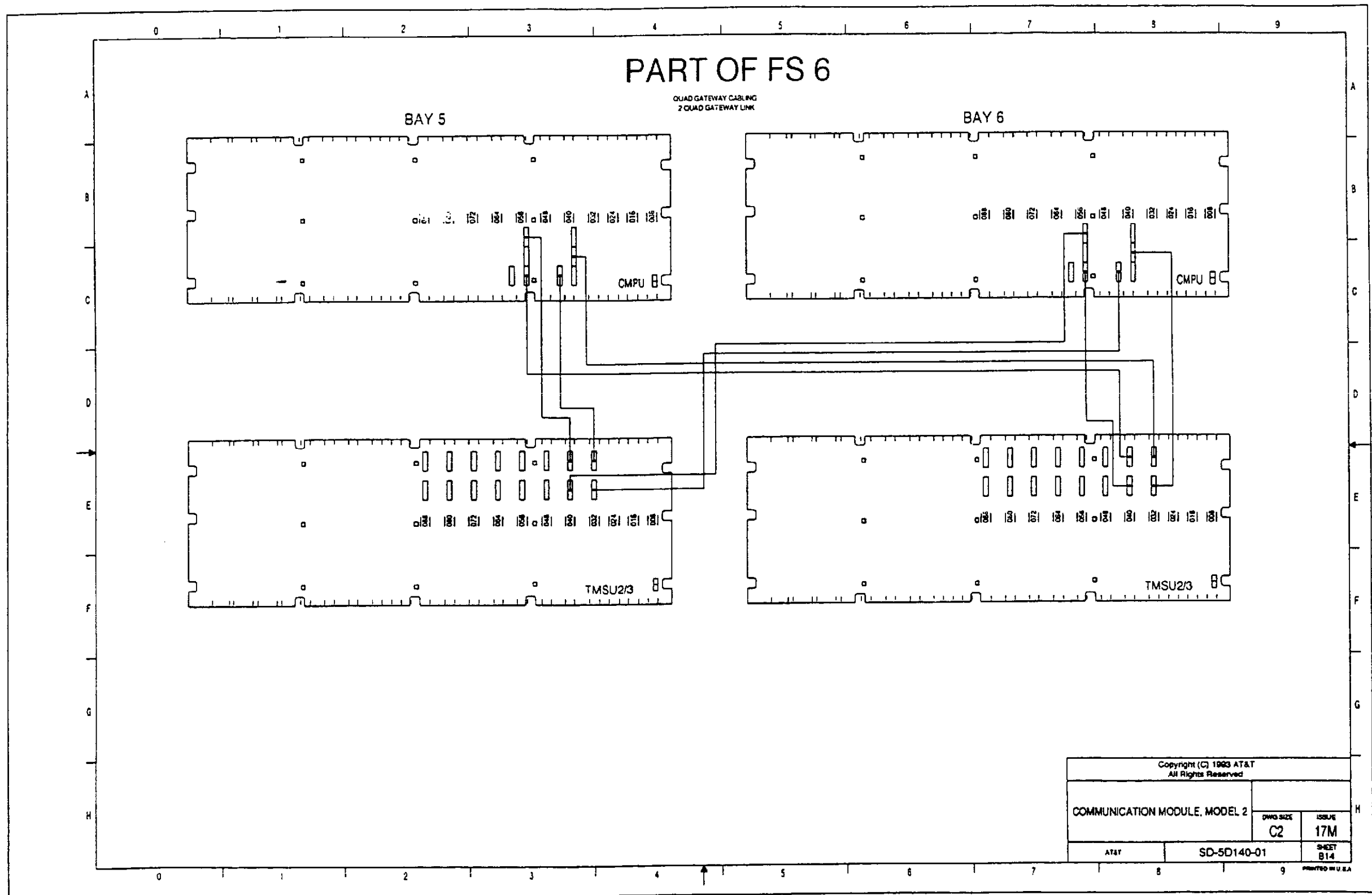
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0 1 2 3 4 5 6 7 8 9									
A	APP FIG 1				APP FIG 2				B
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	8 FT CAB	BAY 5	EO-SD184-70, G6		(2)	CMCU	524-000	JSD020AA-1, L4B	
	MSPLJ	549-000	JSD020AC-1, L1B		(2)	CMCU	624-000	JSD020AA-1, L4B	
	MSQLJ	541-000	JSD020AB-1, L1C						
	TMSUJ	532-000	JSD020AD-1, L2A,BA,11,4						
	CMCU	524-000	JSD020AA-1, L1D						
	MMFU	562-000	JSD003F-1, L100						
	RU	507-000	JSD003BN-2, L3A,C						
B	APP FIG 3				APP FIG 4				C
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	8 FT CAB	BAY 6	EO-SD184-70, G6		(4)	CMCU	524-000	JSD020AA-1, L8B	
	MSPLJ	649-000	JSD020AC-1, L1B		(4)	CMCU	624-000	JSD020AA-1, L8B	
	MSQLJ	641-000	JSD020AB-1, L1C						
	TMSUJ	632-000	JSD020AD-1, L2A,BA,11,4						
	CMCU	624-000	JSD020AA-1, L1D						
	MMFU	669-000	JSD003F-1, L100						
	RU	607-000	JSD003BN-2, L3A,C						
C	APP FIG 5				APP FIG 6				D
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(5)	CMCU	524-000	JSD020AA-1, L7B	(5)	CMCU	524-000	JSD020AA-1, L8B	
	(5)	CMCU	624-000	JSD020AA-1, L7B	(5)	CMCU	624-000	JSD020AA-1, L8B	
D	APP FIG 7				APP FIG 8				E
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(7)	CMCU	524-000	JSD020AA-1, L9B	(8)	CMCU	524-000	JSD020AA-1, L10	
	(7)	CMCU	624-000	JSD020AA-1, L9B	(8)	CMCU	624-000	JSD020AA-1, L10	
E	APP FIG 9				APP FIG 10				F
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(9,2E)	TMSUJ	532-000	JSD020AD-1, L4	(10,2N)	TMSUJ	532-000	JSD020AD-1, L3A,4	
	(9,2E)	TMSUJ	632-000	JSD020AD-1, L4	(10,2N)	TMSUJ	632-000	JSD020AD-1, L3A,4	
	(9,2F)	TMSUJ	515-000	JSD020AD-1, L4	(10,2P)	TMSUJ	615-000	JSD020AD-1, L3A,4	
	(9,2F)	TMSUJ	615-000	JSD020AD-1, L4	(10,2P)	TMSUJ	615-000	JSD020AD-1, L3A,4	
	(9,2G)	TMSUJ	432-000	JSD020AD-1, L4	(10,2Q)	TMSUJ	432-000	JSD020AD-1, L3A,4	
	(9,2G)	TMSUJ	732-000	JSD020AD-1, L4	(10,2Q)	TMSUJ	732-000	JSD020AD-1, L3A,4	
	(9,2J)	TMSUJ	415-000	JSD020AD-1, L4	(10,2R)	TMSUJ	415-000	JSD020AD-1, L3A,4	
F	APP FIG 11				APP FIG 12				G
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(12,2W)	MSPLJ	549-000	JSD020AC-1, L2A	(12,2W)	MSPLJ	549-000	JSD020AC-1, L2A	
	(12,2W)	MSPLJ	649-000	JSD020AC-1, L2A	(12,2X)	MSPLJ	449-000	JSD020AC-1, L2A	
	(12,2X)	MSPLJ	449-000	JSD020AC-1, L2A	(12,2X)	MSPLJ	749-000	JSD020AC-1, L2A	
	(12,2Y)	MSPLJ	349-000	JSD020AC-1, L2A	(12,2Y)	MSPLJ	349-000	JSD020AC-1, L2A	
	(12,2Y)	MSPLJ	649-000	JSD020AC-1, L2A					
G	APP FIG 12				APP FIG 13				H
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(13,2A)	TMSUJ	532-000	JSD020AD-1, L4	(14,2A)	TMSUJ	532-000	JSD020AD-1, L4	
	(13,2A)	TMSUJ	632-000	JSD020AD-1, L4	(14,2A)	TMSUJ	632-000	JSD020AD-1, L4	
	(13,2B)	TMSUJ	515-000	JSD020AD-1, L4	(14,2B)	TMSUJ	515-000	JSD020AD-1, L4	
	(13,2B)	TMSUJ	615-000	JSD020AD-1, L4	(14,2B)	TMSUJ	615-000	JSD020AD-1, L4	
	(13,2C)	TMSUJ	432-000	JSD020AD-1, L4	(14,2C)	TMSUJ	432-000	JSD020AD-1, L4	
	(13,2C)	TMSUJ	732-000	JSD020AD-1, L4	(14,2C)	TMSUJ	732-000	JSD020AD-1, L4	
	(13,2D)	TMSUJ	415-000	JSD020AD-1, L4	(14,2D)	TMSUJ	415-000	JSD020AD-1, L4	
H	APP FIG 14				APP FIG 15				I
	UNIT	DESIG	LOC	CODE	UNIT	DESIG	LOC	CODE	
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	
	(15,2A)	TMSUJ	532-000	JSD020AD-1, L4	(16,2A)	TMSUJ	532-000	JSD020AD-1, L4	
	(15,2A)	TMSUJ	632-000	JSD020AD-1, L4	(16,2A)	TMSUJ	632-000	JSD020AD-1, L4	
	(15,2B)	TMSUJ	515-000	JSD020AD-1, L4	(16,2B)	TMSUJ	515-000	JSD020AD-1, L4	
	(15,2B)	TMSUJ	615-000	JSD020AD-1, L4	(16,2B)	TMSUJ	615-000	JSD020AD-1, L4	
	(15,2C)	TMSUJ	432-000	JSD020AD-1, L4	(16,2C)	TMSUJ	432-000	JSD020AD-1, L4	
	(15,2C)	TMSUJ	732-000	JSD020AD-1, L4	(16,2C)	TMSUJ	732-000	JSD020AD-1, L4	
	(15,2D)	TMSUJ	415-000	JSD020AD-1, L4	(16,2D)	TMSUJ	415-000	JSD020AD-1, L4	

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		ISSUE 17M
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		SHEET C1

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APP FIG 13 (LOWER UNIT)			
UNIT	DESIG	LOC	CODE
(13)	TMSU2	515-000	JSD020AD-1, L2A, 8A, 11, 4
(13)	TMSU2	615-000	JSD020AD-1, L2A, 8A, 11, 4

APP FIG 14			
OPT	DESIG	LOC	CODE

APP FIG 15 (CABINET)			
OPT	DESIG	LOC	CODE
(15, R)	6 FT CAB	BAY 4	ED-SD184-70, G6
(15, R)	PU	407-000	JSD003BN-2, L3A, C
(15, R)	WUFU	469-000	JSD003FJ-1, L101
(15, R)	6 FT CAB	BAY 7	ED-SD184-70, G6
(15, R)	PU	707-000	JSD003BN-2, L3A, C
(15, R)	WUFU	769-000	JSD003FJ-1, L101
(15, Q)	6 FT CAB	BAY 3	ED-SD184-70, G6
(15, Q)	PU	307-000	JSD003BN-2, L3A, C
(15, Q)	WUFU	369-000	JSD003FJ-1, L101
(15, Q)	6 FT CAB	BAY 8	ED-SD184-70, G6
(15, Q)	PU	807-000	JSD003BN-2, L3A, C
(15, Q)	WUFU	869-000	JSD003FJ-1, L101

APP FIG 16 (UNIT)			
OPT	DESIG	LOC	CODE
(16, V)	TMSU2	432-000	JSD020AD-1, L3A, 8A, 11, 4
(16, V)	TMSU2	732-000	JSD020AD-1, L3A, 8A, 11, 4
(16, U)	TMSU2	415-000	JSD020AD-1, L3A, 8A, 11, 4
(16, U)	TMSU2	715-000	JSD020AD-1, L3A, 8A, 11, 4
(16, T)	TMSU2	332-000	JSD020AD-1, L3A, 8A, 11, 4
(16, T)	TMSU2	832-000	JSD020AD-1, L3A, 8A, 11, 4
(16, S)	TMSU2	315-000	JSD020AD-1, L3A, 8A, 11, 4
(16, S)	TMSU2	815-000	JSD020AD-1, L3A, 8A, 11, 4

APP FIG 17 (2ND AND 3RD KBN4 PACK)			
UNIT	DESIG	LOC	CODE
(17, Z2)	TMSU2	532-000	JSD020AD-1, L7
(17, Z2)	TMSU2	832-000	JSD020AD-1, L7
(17, YA)	TMSU2	515-000	JSD020AD-1, L7
(17, YA)	TMSU2	615-000	JSD020AD-1, L7
(17, YB)	TMSU2	432-000	JSD020AD-1, L7
(17, YB)	TMSU2	732-000	JSD020AD-1, L7
(17, YD)	TMSU2	415-000	JSD020AD-1, L7
(17, YD)	TMSU2	715-000	JSD020AD-1, L7
(17, YE)	TMSU2	332-000	JSD020AD-1, L7
(17, YE)	TMSU2	832-000	JSD020AD-1, L7
(17, YF)	TMSU2	315-000	JSD020AD-1, L7
(17, YF)	TMSU2	815-000	JSD020AD-1, L7

APP FIG 18 (2ND KBN2 PACK)			
OPT	DESIG	LOC	CODE
(18, YG)	TMSU2	432-000	JSD020AD-1, L5
(18, YG)	TMSU2	732-000	JSD020AD-1, L5
(18, YJ)	TMSU2	415-000	JSD020AD-1, L5
(18, YJ)	TMSU2	715-000	JSD020AD-1, L5
(18, YK)	TMSU2	332-000	JSD020AD-1, L5
(18, YK)	TMSU2	832-000	JSD020AD-1, L5
(18, YM)	TMSU2	315-000	JSD020AD-1, L5
(18, YM)	TMSU2	815-000	JSD020AD-1, L5
(18, ZL)	TMSU2	532-000	JSD020AD-1, L5
(18, ZL)	TMSU2	832-000	JSD020AD-1, L5
(18, ZV)	TMSU2	515-000	JSD020AD-1, L5
(18, ZV)	TMSU2	615-000	JSD020AD-1, L5

APP FIG 19 (2ND 410AA PACK)			
OPT	DESIG	LOC	CODE
(19, YN)	TMSU2	432-000	JSD020AD-1, L8
(19, YN)	TMSU2	732-000	JSD020AD-1, L8
(19, YP)	TMSU2	415-000	JSD020AD-1, L8
(19, YP)	TMSU2	715-000	JSD020AD-1, L8
(19, YQ)	TMSU2	332-000	JSD020AD-1, L8
(19, YQ)	TMSU2	832-000	JSD020AD-1, L8
(19, YR)	TMSU2	315-000	JSD020AD-1, L8
(19, YR)	TMSU2	815-000	JSD020AD-1, L8
(19, YX)	TMSU2	532-000	JSD020AD-1, L8
(19, YX)	TMSU2	832-000	JSD020AD-1, L8
(19, YY)	TMSU2	515-000	JSD020AD-1, L8
(19, YY)	TMSU2	615-000	JSD020AD-1, L8

APP FIG 20			
OPT	DESIG	LOC	CODE
(20)	MSPL0	440-000	JSD020AC-1, L18
(20)	MSCL0	541-000	JSD020AB-1, L2
(20)	MSPL0	749-000	JSD020AC-1, L18
(20)	MSCL0	841-000	JSD020AB-1, L2

APP FIG 21 (UNIT)			
UNIT	DESIG	LOC	CODE
(21)	MSPL0	349-000	JSD020AC-1, L18
(21)	MSPL0	849-000	JSD020AC-1, L18

APP FIG 22 (UNIT)			
OPT	DESIG	LOC	CODE
(22, M)	EBU	424-000	JSD020AE-1, L5
(22, M)	EBU	724-000	JSD020AE-1, L5
(22, N)	EBU	324-000	JSD020AE-1, L5
(22, N)	EBU	824-000	JSD020AE-1, L5

APP FIG 23 (UNIT17 PACK)			
OPT	DESIG	LOC	CODE
(23, YS)	EBU	424-000	JSD020AE-1, L8
(23, YS)	EBU	724-000	JSD020AE-1, L8
(23, YT)	EBU	324-000	JSD020AE-1, L8
(23, YT)	EBU	824-000	JSD020AE-1, L8

APP FIG 24 (UNIT10 PACK)			
OPT	DESIG	LOC	CODE
(24, YU)	EBU	424-000	JSD020AE-1, L8
(24, YU)	EBU	724-000	JSD020AE-1, L8

APP FIG 25 (UNIT08 PACK)			
UNIT	DESIG	LOC	CODE
(25, YV)	EBU	424-000	JSD020AE-1, L4
(25, YV)	EBU	724-000	JSD020AE-1, L4

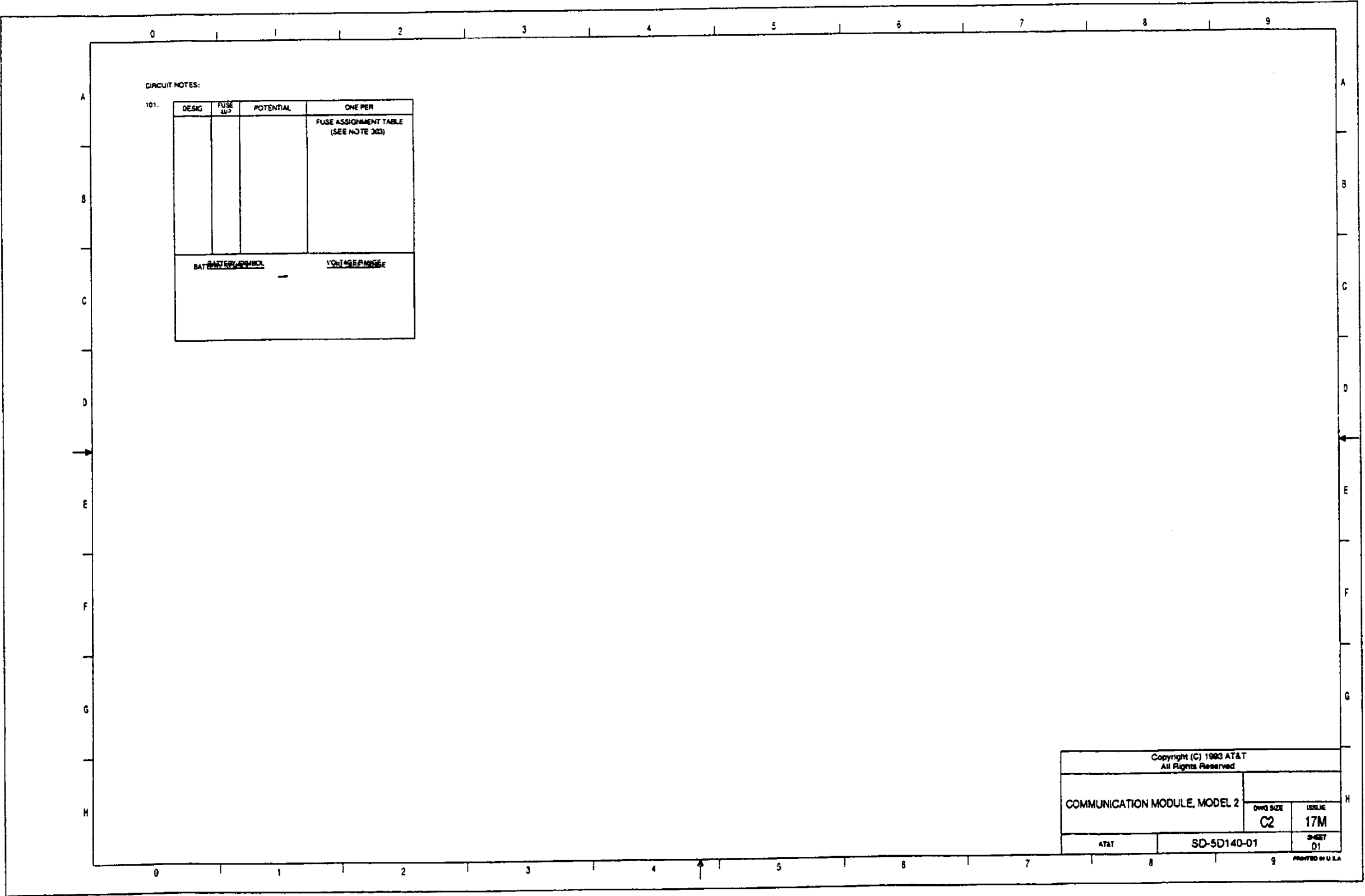
APP FIG 26			
OPT	DESIG	LOC	CODE
(26, F)	MSPL0	849-000	JSD020AC-1
(26, F)	MSPL0	849-000	JSD020AC-1
(26, G)	MSPL0	449-000	JSD020AC-1
(26, G)	MSPL0	749-000	JSD020AC-1
(26, J)	MSPL0	349-000	JSD020AC-1
(26, J)	MSPL0	849-000	JSD020AC-1

APP FIG 27 (UNIT11 PACK)			
OPT	DESIG	LOC	CODE
(27, XA)	EBU	424-000	JSD020AE-1, L8
(27, XA)	EBU	724-000	JSD020AE-1, L8
(27, XB)	EBU	324-000	JSD020AE-1, L8
(27, XB)	EBU	824-000	JSD020AE-1, L8

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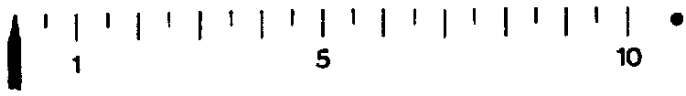
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A	APP FIG 41 (UNIT)			APP FIG 42 (TN1368 PACK)			APP FIG 43 (TN1369 PACK)			APP FIG 44 (TN1800 PACK)			APP FIG 45 (TN1681 & TN1684 PACKS)			A			
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE			
		CMPU	558-000	JSD020AF-1, L1A		CMPU	558-000	JSD020AF-1, L2B		CMPU	558-000	JSD020AF-1, L3B		CMPU	558-000	JSD020AF-1, L4			
		CMPU	658-000	JSD020AF-1, L1A		CMPU	658-000	JSD020AF-1, L2B		CMPU	658-000	JSD020AF-1, L3B		CMPU	658-000	JSD020AF-1, L4			
B																	B		
C	APP FIG 46 (2ND S45188 & 410AA)			APP FIG 47 (TN1681 & BK1 PACKS)			APP FIG 48 (TN1682 PACK)			APP FIG 49 (TN1681 & BK1)			APP FIG 50 (TN1682 PACK)			C			
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE			
		CMPU	558-000	JSD020AF-1, L6		TMSU2	532-000	JSD020AD-1, L16		TMSU2	532-000	JSD020AD-1, L17		TMSU3	532-000	JSD020AG-1, L7			
		CMPU	658-000	JSD020AF-1, L6		TMSU2	632-000	JSD020AD-1, L16		TMSU2	632-000	JSD020AD-1, L17		TMSU3	632-000	JSD020AG-1, L7			
						TMSU2	515-000	JSD020AD-1, L16		TMSU2	515-000	JSD020AD-1, L17		TMSU3	515-000	JSD020AG-1, L7			
						TMSU2	615-000	JSD020AD-1, L16		TMSU2	615-000	JSD020AD-1, L17		TMSU3	615-000	JSD020AG-1, L7			
						TMSU2	432-000	JSD020AD-1, L16		TMSU2	432-000	JSD020AD-1, L17		TMSU3	432-000	JSD020AG-1, L7			
						TMSU2	732-000	JSD020AD-1, L16		TMSU2	732-000	JSD020AD-1, L17		TMSU3	732-000	JSD020AG-1, L7			
						TMSU2	415-000	JSD020AD-1, L16		TMSU2	415-000	JSD020AD-1, L17		TMSU3	415-000	JSD020AG-1, L7			
						TMSU2	715-000	JSD020AD-1, L16		TMSU2	715-000	JSD020AD-1, L17		TMSU3	715-000	JSD020AG-1, L7			
						TMSU2	332-000	JSD020AD-1, L16		TMSU2	332-000	JSD020AD-1, L17		TMSU3	332-000	JSD020AG-1, L7			
						TMSU2	832-000	JSD020AD-1, L16		TMSU2	832-000	JSD020AD-1, L17		TMSU3	832-000	JSD020AG-1, L7			
						TMSU2	315-000	JSD020AD-1, L16		TMSU2	315-000	JSD020AD-1, L17		TMSU3	315-000	JSD020AG-1, L7			
						TMSU2	815-000	JSD020AD-1, L16		TMSU2	815-000	JSD020AD-1, L17		TMSU3	815-000	JSD020AG-1, L7			
D																	D		
E																	E		
F	APP FIG 51 (TN1686 AND 9827TC)			APP FIG 52													F		
	OPT	DESIG	LOC	CODE	OPT	DESIG	LOC	CODE											
		8 FT CAB	8AY 5	ED80741-70, G1		MSPLD	448-000	JSD020AC-1, L1B											
		MSPLD	548-000	JSD020AC-1, L1B		MSCLD	541-000	JSD020AH-5, L7											
		MSCLD	541-000	JSD020AH-5, L1,2,3,4,5,6,8A		MSPLD	748-000	JSD020AC-1, L1B											
		TMSU3	532-000	JSD020AG-1, L1B		MSCLD	641-000	JSD020AH-5, L7											
		CMPU	542-000	JSD020AA-1, L1D															
		MFU	588-000	JSD020FJ-1, L100															
		PU	507-000	JSD0203BH-2, L3A,C															
		8 FT CAB	8AY 6	ED80741-70, G1															
		MSPLD	648-000	JSD020AC-1, L1B															
		MSCLD	641-000	JSD020AH-5, L1,2,3,4,5,6,8A															
		TMSU3	632-000	JSD020AG-1, L1B															
		CMPU	624-000	JSD020AA-1, L1D															
		MFU	688-000	JSD020FJ-1, L100															
		PU	607-000	JSD0203BH-2, L3A,C															
G																	G		
H																	H		
										Copyright (C) 1993 AT&T All Rights Reserved									
										COMMUNICATION MODULE, MODEL 2							DRWG SIZE C2	ISSUE 17M	
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										PRINTED IN U.S.A.									
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EQUIPMENT NOTES:
201. DIAGRAM OF NCT LINKS.

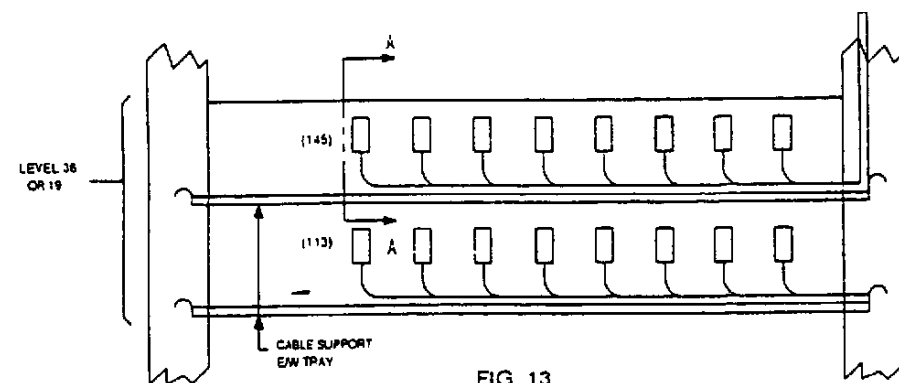
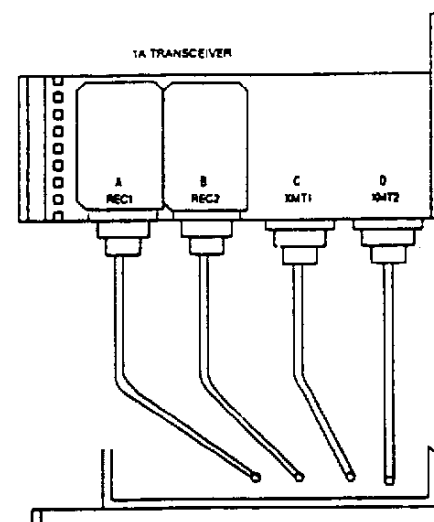
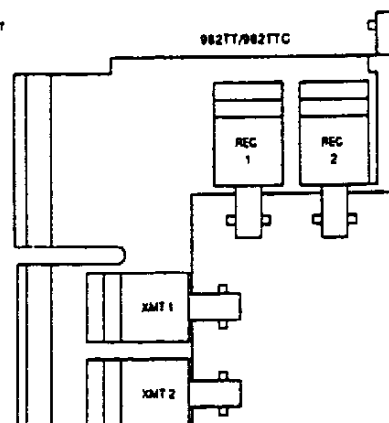
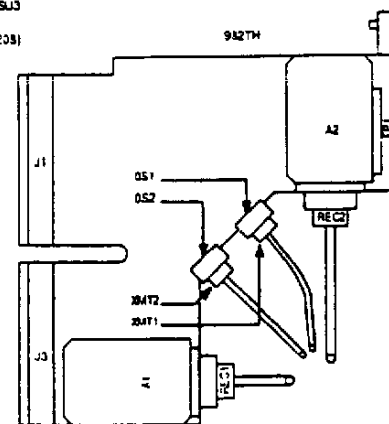


FIG. 13
FIBER OPTIC DRESS FOR
THE JS0020A TMSU2/TMSU3
IN CM2 CABINET
(SEE NOTE 202, 203, 208)



SECT A-A
SIDE VIEW OF FIBER OPTIC
DRESS ON TMSU2/JS0020A
IN CM2

NOTE: FIBER OPTIC END E/W LIMITER IS
INTERCONNECTED TO A TSM. CABLE END WITH OUT
LIMITER IS INTERCONNECTED TO A TMSU2/TMSU3 AT CM2.



EQUIPMENT NOTE: (CONT.)
202. NCT LINK APPLICATION TABLES.

TABLE AA

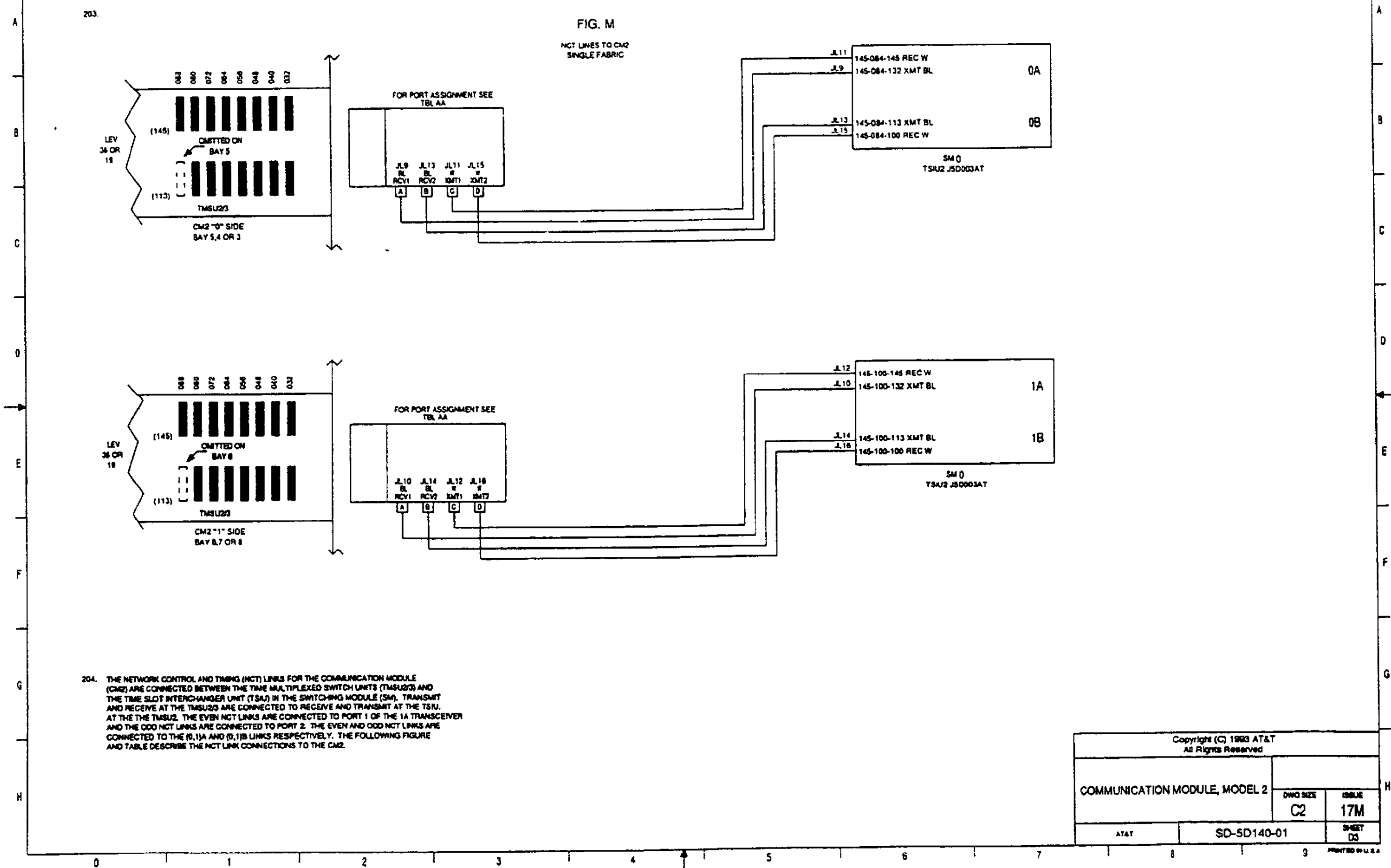
SINGLE FABRIC

CABLE DESIG	J.9	J.11	J.13	J.15	J.10	J.12	J.14	J.16
LINKS	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
SM1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
SMC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
TSMU2	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1

CABLE DESIG	J.9	J.11	J.13	J.15	J.10	J.12	J.14	J.16
LINKS	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
SM1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
SMC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1
TSMU2	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1	145- XMT1 REC1

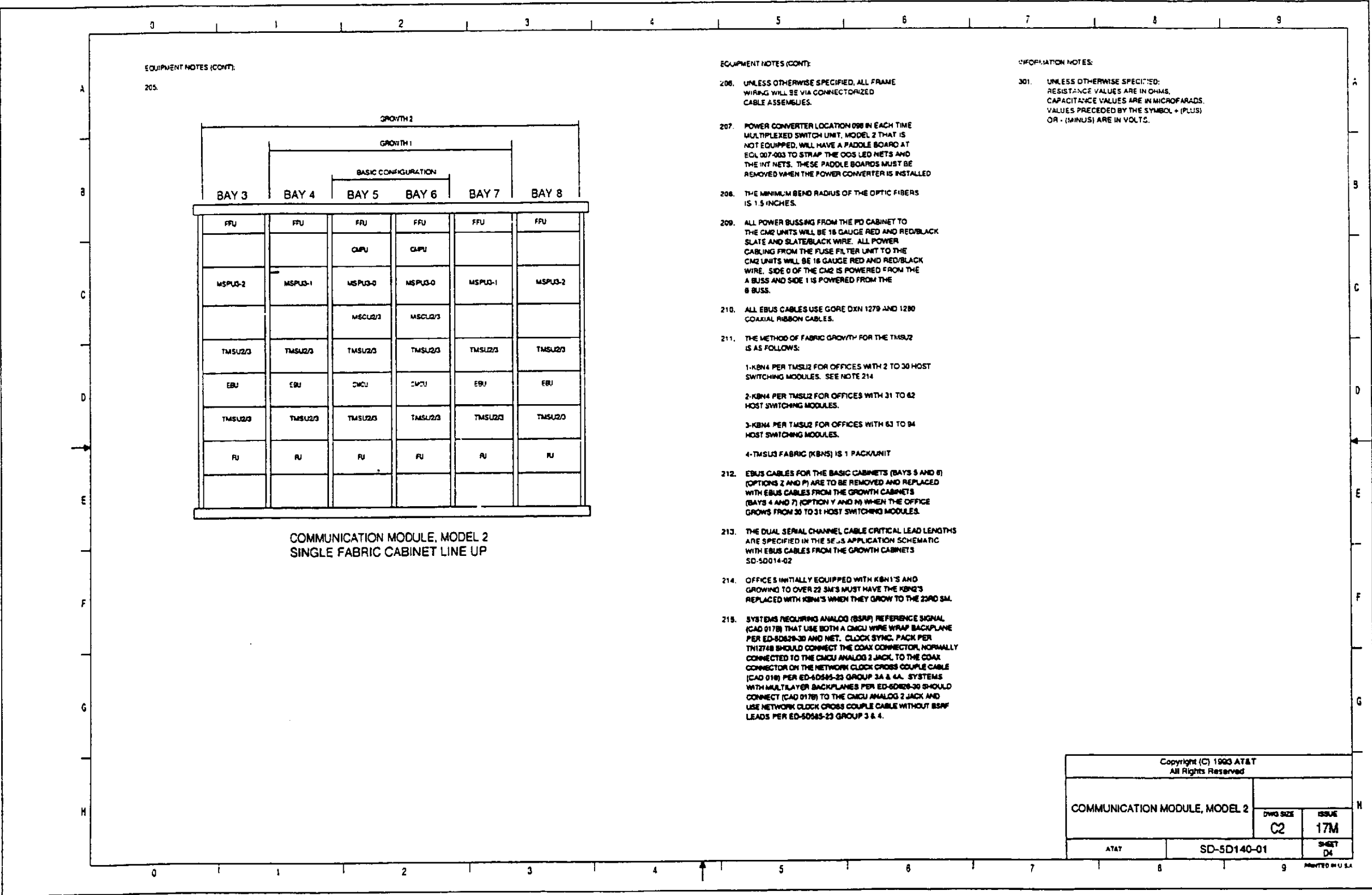
EQUIPMENT NOTES (CONT):

203.



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INFORMATION NOTES:

INFORMATION NOTES (CONT.):

302.	FEATURE OR OPTION	PROVIDES		
		APP. FIG.	QTY.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 5 AND 6	6 FOOT CABINET*	EDUSU74170, G1 CABINET ASSEMBLY	ZU	
	MODULAR FUSE FILTER UNIT (MFFU)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FUSE/FILTER UNIT WHICH PROVIDES THREE ISOLATED 48V POWER SUPPLIES AND RETURNS	ZE	2 EACH BAY 5 AND 6
	6 FAN UNIT*	ASSEMBLY, WIRING AND EQUIPMENT REQUIRED TO PROVIDE BELT-LINE JACK MODULE		1 USED IN BAY 5 LEFT HAND SIDE
	MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	ASSEMBLY, WIRING AND EQUIPMENT ONE FAN UNIT & FAN	ZE	1 EACH BAY 5 AND 6
	MESSAGE SWITCH CONTROL UNIT MODEL 2/3 (MSCU2/3)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MPP MODULE MESSAGE PROCESSOR FOR EIGHT SWITCHING MODULES		1 EACH BAY 5 AND 6 FOR FIRST 2 SWITCHING MODULES PROVIDED
	MESSAGE SWITCH CONTROL UNIT MODEL 2/3 (MSCU2/3)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MESSAGE SWITCH CONTROL UNIT MODEL 2, ARRANGED FOR UP TO 192 SWITCHING MODULES AND EQUIPPED FOR UP TO 32 SWITCHING MODULES AND WITH FOUNDATION PERIPHERAL CONTROLLER (FPC) AND PUMP PERIPHERAL CONTROLLER (PPC)		
	COMMUNICATION MODULE CONTROL UNIT (CMCU)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE COMMUNICATIONS MODULE CONTROL UNIT ARRANGED FOR UP TO 192 SWITCHING MODULES AND EQUIPPED FOR UP TO 94 SWITCHING MODULES IN SINGLE FABRIC CONFIGURATION	1 C3 33 C1 51	
	TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3)	REF. CABLE FROM DSX	X	
		REF. CABLE FROM DLTE	YI	
		DIGITAL LOAN REF. CABLE	4	
		ANALOG BSRF COAX	YV	
EQUIPMENT REQUIRED FOR BAY 5 AND 6	TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3)	ASSEMBLY, WIRING AND EQUIPMENT FOR ONE TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3) ARRANGED TO SWITCH UP TO 15 SWITCHING MODULES IN SINGLE FABRIC CONFIGURATION	2	1 EACH BAY 5 AND 6 FOR FIRST 2 SWITCHING MODULES PROVIDED
		APPARATUS REQUIRED TO PROVIDE TEST MESSAGE LINK INTERFACE AND NCT LINK FOR 1 SM IN A BASIC TMSU2/3 ONLY. (UNITS MOUNTED IN BAYS 5 AND 6). TMSU2 PACK AND 1A	Y	
	TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3)	APPARATUS REQUIRED TO PROVIDE TEST MESSAGE LINK INTERFACE AND NCT LINK FOR 1 SM IN A BASIC TMSU2/3 ONLY. (UNITS MOUNTED IN BAYS 5 AND 6). TMSU2 PACK AND 1A	E	1 EACH BAY 5 AND 6 FOR FIRST 2 SWITCHING MODULES PROVIDED
		APPARATUS REQUIRED TO PROVIDE TEST MESSAGE LINK INTERFACE AND NCT LINK FOR 1 SM IN A BASIC TMSU2/3 ONLY. (UNITS MOUNTED IN BAYS 5 AND 6). TMSU2 PACK AND 1A		
	EQUIPMENT REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC LOCAL APPLICATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	2	1 EACH BAY 5 AND 6 FOR EITHER APP FIG. 2, 3, 4, 5, 6 OR 7.
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR DOMESTIC TOLL APPLICATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	3	
	EQUIPMENT REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR INTERNATIONAL LOCAL APPLICATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	4	

302.	FEATURE OR OPTION	PROVIDES		
		APP. FIG.	QTY.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 5 AND 6	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR INTERNATIONAL TOLL APPLICATIONS.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	5	1 EACH BAY 5 AND 6 FOR EITHER APP FIG. 2, 3, 4, 5, 6 OR 7.
	EQUIPMENT REQUIRED TO PROVIDE MEDIUM STABILITY (STRATUM 3) NETWORK CLOCK 2 WITH 24-CHANNEL EXTERNAL SYNCHRONIZATION FOR INTERNATIONAL LOCAL APPLICATIONS.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	6	
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION FOR INTERNATIONAL TOLL APPLICATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	7	1 EACH BAY 5 AND 6 IN CONJUNCTION WITH APP FIG. 6 OR 7.
	EQUIPMENT REQUIRED TO PROVIDE HIGH STABILITY (STRATUM 2) NETWORK CLOCK 2 WITH 30-CHANNEL EXTERNAL SYNCHRONIZATION FOR UP TO FOUR DIGITAL OR THREE DIGITAL AND ONE ANALOG EXTERNAL REFERENCE FOR INTERNATIONAL TOLL APPLICATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	7	
	EQUIPMENT REQUIRED TO PROVIDE FOR FOUR ADDITIONAL DIGITAL OR THREE DIGITAL AND ONE ANALOG REFERENCE. 30-CHANNEL EXTERNAL SYNCHRONIZATION.	COMMUNICATION MODULE CONTROL UNIT (CMCU)	3	1 EACH BAY 5 AND 6 FOR EACH OF THE SMTS PROVIDED
	EQUIPMENT REQUIRED TO PROVIDE AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM).	TIME MULTIPLEXED SWITCH UNIT 2/3 (TMSU2/3)	ZE	
	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM).	TIME MULTIPLEXED SWITCH UNIT 2/3 (TMSU2/3)	ZE	1 EACH BAY 5 AND 6 FOR EACH OF THE SMTS PROVIDED
	EQUIPMENT REQUIRED TO PROVIDE 4 VOLT POWER FOR ADDITIONAL HOST SWITCHING MODULES.	TIME MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU2)	ZE	
	EQUIPMENT REQUIRED TO PROVIDE SINGLE MPP GROWTH.	MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	12	1 EACH BAY 5 AND 6 FOR EACH OF THE FOLLOWING SMTS PROVIDED: 9, 17, 25.
	EQUIPMENT REQUIRED TO PROVIDE A TIME MULTIPLEXED SWITCH UNIT, MODEL 2/3 (TMSU2/3), MESSAGE LINK, LINK INTERFACE AND AN NCT LINK.	TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3)	13	

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INFORMATION NOTES

FEATURE OR OPTION			PROVIDES		
			APP FIG.	APP FIG.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 3, 4, 7 AND 8	FRAMEWORK ASSEMBLY WIRING AND EQUIPMENT TO PROVIDE GROWTH EQUIPMENT (BAYS 4 AND 7, 3 AND 8) FOR THE COMMUNICATION MODULES, SINGLE MIMP AND SINGLE FABRIC.	5 FAN UNIT			1 EACH IN BAYS 4 AND 7 (OPTION Q) BAYS 3 AND 8 (OPTION Q) BAYS 4 AND 7 ARE INSTALLED WITH 31 SM'S AND BAYS 3 AND 8 WITH 63 SM'S
		8 FOOT CABINET	ED 50741-70, G1	CABINET ASSEMBLY	BAY 4, 7 BAY 3, 8
		MODULAR FUSE FILTER UNIT			ASSEMBLY, WIRING AND EQUIPMENT FOR ONE FUSE/FILTER UNIT WHICH PROVIDES THREE ISOLATED -48 VOLT POWER SUPPLIES AND RETURNS
	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR ADDITIONAL HOST SWITCHING MODULES.				ASSEMBLY, WIRING AND EQUIPMENT REQUIRED TO PROVIDE SELF LINE JACK MODULE.
			436, 736 336, 836 419, 719 319, 819		1 EACH IN BAY 4 AND 7 FOR THE 31ST AND 4TH SM PROVIDED AND 1 EACH BAY 3 AND 8 FOR THE 63RD AND 7TH SM'S PROVIDED
					ASSEMBLY, WIRING AND EQUIPMENT FOR ONE TIME MULTIPLEXED SWITCH UNIT (MODEL 2) (TMSU2/3) ARRANGED TO SWITCH 64 SWITCHING MODULES IN SINGLE FABRIC CONFIGURATION UNIT.
	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR 2 SM'S IN TMSU2/3 GROWTH. TMSU3 PACK 1A, AND 982TT OR 982TTC.				APPARATUS REQUIRED TO PROVIDE LINK INTERFACE AND NCT LINK FOR 2 SM'S IN TMSU2/3 GROWTH. TMSU3 PACK 1A, AND 982TT OR 982TTC.
					APPARATUS REQUIRED TO PROVIDE NCT LINK FOR TMSU2/3 GROWTH 982TT.
					1 EACH FOR BAY 4 AND 7 FOR SM'S PROVIDED
	EQUIPMENT REQUIRED TO PROVIDE AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM'S 32 AND ABOVE).				1 EACH FOR BAY 3 AND 8 FOR SM'S PROVIDED.
EQUIPMENT REQUIRED FOR BAY 4 AND 7	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR AN ADDITIONAL HOST SWITCHING MODULE (HSM'S 33 AND ABOVE).				1 EACH PER BAY FOR SM'S 32, 34, 36, 38, 40, 42, 44, 46
					1 EACH PER BAY FOR SM'S 48, 50, 52, 54, 56, 58, 60, 62
					1 EACH PER BAY FOR SM'S 64, 66, 68, 70, 72, 74, 76, 78
	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE AND AN NCT LINK FOR TMSU2/3 GROWTH. FOR 4 ADDITIONAL SM'S. TMSU3 PACK 1A, AND 982TT OR 982TTC.				1 EACH PER BAY FOR SM'S 80, 82, 84, 86, 88, 90, 92, 94
					1 EACH PER BAY FOR SM'S 33, 35, 37, 39, 41, 43, 45
					1 EACH PER BAY FOR SM'S 49, 51, 53, 55, 57, 59, 61
					1 EACH PER BAY FOR SM'S 65, 67, 69, 71, 73, 75, 77
					1 EACH PER BAY FOR SM'S 81, 83, 85, 87, 89, 91, 93
	EQUIPMENT REQUIRED TO PROVIDE 5 VOLT POWER FOR SWITCHING MODULE GROWTH.				1 EACH BAY 4, 7
					1 EACH BAY 3, 8
EQUIPMENT REQUIRED FOR BAY 4 AND 7	EQUIPMENT REQUIRED TO PROVIDE FABRIC CONTROL FOR TMSU2 GROWTH 2ND KBA2 PACK				
	EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL FABRIC				
	EQUIPMENT REQUIRED TO PROVIDE ODSO OPTICS				
	EQUIPMENT REQUIRED TO PROVIDE ODSO OPTICS				

INFORMATION NOTES (CONT.)

FEATURE OR OPTION				PROVIDES		
				APP FIG.	APP FIG.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 3, 4, 7 AND 8	OPTICS REQUIRED FOR EACH TWO MILE OPTICALLY REMOTE MODULE EQUIPPED (TRM).	THE MULTIPLEXED SWITCH UNIT MODEL 2 (TMSU23)	APPARATUS REQUIRED FOR EACH TWO MILE OPTICALLY REMOTE MODULE (TRM).	21		1 EACH CRM
	EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL PERIPHERAL CONTROLLERS AND MODULE MESSAGE PROCESSOR. (SEE NOTE 53).	MESSAGE SWITCH CONTROL UNIT MODEL 2 (MSCU23)	APPARATUS REQUIRED FOR OFFICES 5W UP TO AN ADDITIONAL 64 SWITCHING MODULES. 2ND UN258 PACK.	22		1 EACH BAY 5 AND 8 FOR THE 33RD SM PROVIDED.
		MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MIMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES.	23		1 EACH BAY 4 AND 7 FOR THE 33RD SM PROVIDED.
			APPARATUS REQUIRED TO PROVIDE SINGLE MIMP (MODULE MESSAGE PROCESSOR) FOR EIGHT ADDITIONAL SWITCHING MODULES. TM258B AND TM260 PACK.	12	ZK	1 EACH BAY 4, 7 FOR SM 41, 49, 57.
	EQUIPMENT REQUIRED TO PROVIDE SINGLE MIMP GROWTH (ONE LIST 9 PER AND SWITCHING MODULES).			ZV	1 EACH FOR 3, 8 FOR SM 13, 81, 89.	
	EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL MIMP.			21		1 EACH BAY 3, 8 FOR SM 65.
		MESSAGE SWITCH PERIPHERAL UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MIMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES. MSPU3 UNIT.				
	EQUIPMENT REQUIRED TO PROVIDE ADDITIONAL PERIPHERAL CONTROLLERS AND MODULE MESSAGE PROCESSOR. (SEE NOTE 53).	MESSAGE SWITCH CONTROL UNIT MODEL 3 (MSCU3)	APPARATUS REQUIRED FOR OFFICES 5W UP TO AN ADDITIONAL 64 SWITCHING MODULES. 1ST UN258 PACK.			1 EACH BAY 5 AND 8 FOR THE 33RD PROVIDED.
		MESSAGE SWITCH PERIPHERAL UNIT MODEL 3 (MSPU3)	ASSEMBLY, WIRING, AND EQUIPMENT FOR ONE MESSAGE SWITCH PERIPHERAL UNIT-MODEL 3 (MSPU-3) ARRANGED FOR UP TO 32 SWITCHING MODULES AND EQUIPPED WITH SINGLE MIMP (MODULE MESSAGE PROCESSOR) FOR EIGHT SWITCHING MODULES. MSPU3 UNIT.	52		1 EACH BAY 4 AND 7 FOR THE 33RD PROVIDED.
	EQUIPMENT REQUIRED TO PROVIDE ONE ECL-BUS UNIT FOR UP TO 70 SWITCHING MODULES.		ASSEMBLY, WIRING AND EQUIPMENT FOR ONE ECL-BUS UNIT (EBU) ARRANGED FOR UP TO 70 SWITCHING MODULES IN SINGLE FABRIC.	22	M	1 EACH BAY 4, 7 FOR SM 31.
	EQUIPMENT REQUIRED TO PROVIDE DATA TAP BOARDS.				K	1 EACH BAY 3, 8 FOR SM 63.
			APPARATUS REQUIRED TO PROVIDE DATA TAP BOARDS (UN311 CIRCUIT PACK).	27	XA	2 EACH BAY 4, 7 FOR SM 31, 3 EACH BAY 4, 7 FOR SM 63.
	EQUIPMENT REQUIRED TO PROVIDE CLOCK TAP BOARDS.		APPARATUS REQUIRED TO PROVIDE CLOCK TAP BOARDS (UN313 CIRCUIT PACK).	29	XB	3 EACH BAY 3, 8 FOR SM 63.
	EQUIPMENT REQUIRED TO PROVIDE LOOP BOARD UN198, AT THE END OF EACH CM2 LINE-UP.	ECL-BUS UNIT (EBU)		29	XD	1 EACH BAY 4, 7 FOR SM 31.
				NE	1 EACH BAY 3, 4, 7 FOR SM 63.	
EQUIPMENT REQUIRED FOR BAY 4 AND 7	EQUIPMENT REQUIRED TO PROVIDE DATA END TAP BOARDS.		24	YU	2 EACH BAY 4, 7 FOR SM 31, 3 EACH BAY 4, 7 FOR SM 63.	
	EQUIPMENT REQUIRED TO PROVIDE CLOCK END TAP BOARDS.		28	YZ	1 EACH BAY 4, 7 FOR SM 31, 1 EACH BAY 4, 7 FOR SM 63.	

INFORMATION NOTES:

302.	FEATURE OR OPTION			PROVIDES	
				APP FIG.	QUANTITY
EQUIPMENT REQUIRED FOR BAY 3, 4, 7 AND 8	EQUIPMENT REQUIRED TO PROVIDE LINK INTERFACE 2 (QLI2)	TIME MULTIPLEXED SWITCH UNIT MODEL 2/3 (TMSU2/3)	APPARATUS REQUIRED TO PROVIDE QUAD LINK INTERFACE 2 PACK (QLI2) FOR TMSU2/3	.47 CR .48	
	EQUIPMENT REQUIRED TO PROVIDE QUAD LINK PACKAGE SWITCH (QLPS)		APPARATUS REQUIRED TO PROVIDE QUAD LINK PACKAGE SWITCH (QLPS) FOR TMSU2/3	.48 CR .50	
	EQUIPMENT REQUIRED TO PROVIDE MUX CONTROL BOARD	ECL-BUS UNIT (EBU)	APPARATUS REQUIRED TO PROVIDE MUX CONTROL BOARD. UNIT97 PACK	.23 YS YT	1 EACH BAY 4 AND 7 SM31 1 EACH BAY 4,7,3,8 SM30
EQUIPMENT REQUIRED FOR BAY 3 AND 8	EQUIPMENT REQUIRED TO PROVIDE TRANSMIT CONTROL REPEATER BOARD.	ECL-BUS UNIT (EBU)	APPARATUS REQUIRED TO PROVIDE TRANSMIT DATA REPEATER BOARD. UNS00 PACK.	.30 TW	1 EACH BAY 3,8 FOR SM 63.
	EQUIPMENT REQUIRED TO PROVIDE TRANSMIT DATA REPEATER BOARD.		APPARATUS REQUIRED TO PROVIDE TRANSMIT DATA REPEATER BOARD. UNS01 PACK.		3 EACH BAY 3,8 FOR SM 63.

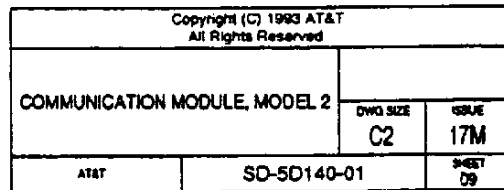
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COMMUNICATION MODULE, MODEL 2	OWS SIZE	ISSUE
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303. THE FUSE ASSIGNMENTS FOR THE CM2 BJ FUSE FILTER UNIT ARE SHOWN IN THE FOLLOWING FIGURE.

C42 SIDE 0 USES "A" BUS
SIDE 1 USES "B" BUS
NEED JACK PANEL EVERY 6

304. THE FUSE ASSIGNMENTS FOR THE CM2 FJ FUSE FILTER UNIT ARE SHOWN IN THE FOLLOWING FIGURE

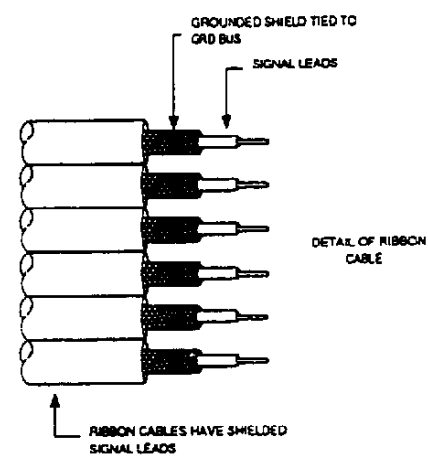


INFORMATION NOTES (CONT):

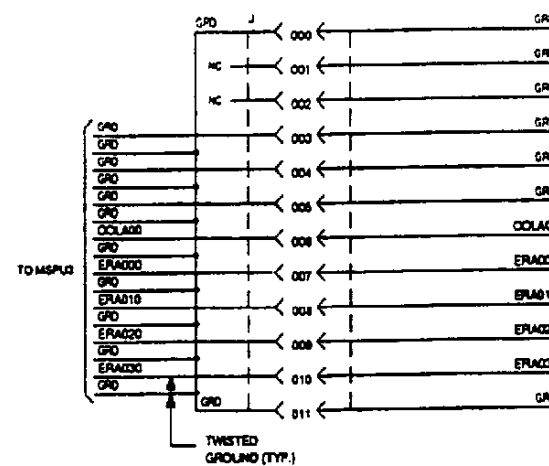
305. CM2 CABINETS 0 THROUGH 5 ARE TO BE ASSIGNED TO -48VOLT BUS A AT THE POWER DISTRIBUTION CABINET. CM2 CABINETS 5 THROUGH 11 ARE TO BE ASSIGNED TO -48VOLT BUS B AT THE POWER DISTRIBUTION CABINET.
306. CM2 SIDE 0 HAS THE SAME CIRCUIT CONNECTIONS AS CM2 SIDE 1. HOWEVER, THE TWO SIDES ARE MIRROR IMAGED IN THEIR CABLING.
307. POWER FOR THE 1A TRANSCEIVER IS INTERLOCKED THROUGH THEIR RESPECTIVE TN888, AND SN516. WHEN THE TN888, TN883, AND SN516 ARE REMOVED THE TRANSCEIVERS WILL NO LONGER RECEIVE -48V OR -5V.
308. FIBER OPTIC CABLES ARE ROUTED DOWN THE SIDE OF THE CABINET TO THE CENTER OR BOTTOM OF THE TMSU23 AND ROUTED ACROSS TO THE DESIGNATED EOL AND UP TO THE 1A.
309. THE CM2 IS GROWABLE FROM 31 TO 94 SWITCHING MODULES. THIS GROWTH IS ACCOMPLISHED BY ADDING CABINETS, UNITS, AND CIRCUIT PACKS. THE BASIC CONFIGURATION (SAYS 5 AND 6) CAN BE EQUIPPED FOR 2 TO 30 HOST SWITCHING MODULES IN THE TMSU23 AND A TOTAL OF 32 HOST AND REMOTE SWITCHING MODULES IN THE MSPU3.

INFORMATION NOTES (CONT):

310. THIS NOTE APPLIES TO ALL ECL-BUS CABLES. ON ALL RIBBON CABLES "TO CONNECTIONS" ARE NOT SHOWN IN THE CABS FOR GRD. ALL GRDS ARE TIED TO A COMMON BUS ON THE CONNECTORS. THE GRD SHIELDS ON THE SIGNAL LEADS OF THE RIBBON CABLE ARE ALSO TIED TO THE GRD BUS. THIS MEANS THAT ALL SIGNALS IN THE RIBBON CABLE ARE SHIELDED WITH GRD.



311. THIS NOTE APPLIES TO ALL VO MICROPROCESSOR INTERFACE CABLES. ALL SIGNAL LEADS ARE PAIRED WITH GROUND IN THE MANNER DISPLAYED BELOW.



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INFORMATION NOTES (CONT):

312.

SINGLE FABRIC,
SINGLE MMP-MIB CONNECTIONS

BAY 5, SIDE 0

FROM MSCU2/3 PPC SIDE 0	FROM MSCU2/3 PPC SIDE 1
334	339
FROM MSPUS COMMUNITY 2 SIDE 0	
345	
	FROM MSPUS COMMUNITY 3 SIDE 1
	338
FROM MSPUS COMMUNITY 4 SIDE 0	
332	
	FROM MSPUS COMMUNITY 5 SIDE 1
	321
FROM MSPUS COMMUNITY 6 SIDE 0	
317	
	FROM MSPUS COMMUNITY 7 SIDE 1
	313

EQ. 154
B LINK

BAY 6, SIDE 1

FROM MSCU2/3 PPC SIDE 0	FROM MSCU2/3 PPC SIDE 1
349	349
FROM MSPUS COMMUNITY 2 SIDE 0	
345	
	FROM MSPUS COMMUNITY 3 SIDE 1
	338
FROM MSPUS COMMUNITY 4 SIDE 0	
332	
	FROM MSPUS COMMUNITY 5 SIDE 1
	321
FROM MSPUS COMMUNITY 6 SIDE 0	
317	
	FROM MSPUS COMMUNITY 7 SIDE 1
	313

EQ. 154
B LINK

INFORMATION NOTES (CONT):

313.

SINGLE FABRIC,
DUAL MMP-MIB CONNECTIONS

BAY 5, SIDE 0

FROM MSCU2/3 PPC SIDE 0	FROM MSCU2/3 PPC SIDE 1
349	349
FROM MSPUS COMMUNITY 2 SIDE 0	FROM MSPUS COMMUNITY 2 SIDE 1
345	345
FROM MSPUS COMMUNITY 3 SIDE 0	FROM MSPUS COMMUNITY 3 SIDE 1
338	338
FROM MSPUS COMMUNITY 4 SIDE 0	FROM MSPUS COMMUNITY 4 SIDE 1
332	332
FROM MSPUS COMMUNITY 5 SIDE 0	FROM MSPUS COMMUNITY 5 SIDE 1
321	321
FROM MSPUS COMMUNITY 6 SIDE 0	FROM MSPUS COMMUNITY 6 SIDE 1
317	317
FROM MSPUS COMMUNITY 7 SIDE 0	FROM MSPUS COMMUNITY 7 SIDE 1
313	313

EQ. 154
B LINK

BAY 6, SIDE 1

FROM MSCU2/3 PPC SIDE 0	FROM MSCU2/3 PPC SIDE 1
349	349
FROM MSPUS COMMUNITY 2 SIDE 0	FROM MSPUS COMMUNITY 2 SIDE 1
345	345
FROM MSPUS COMMUNITY 3 SIDE 0	FROM MSPUS COMMUNITY 3 SIDE 1
338	338
FROM MSPUS COMMUNITY 4 SIDE 0	FROM MSPUS COMMUNITY 4 SIDE 1
332	332
FROM MSPUS COMMUNITY 5 SIDE 0	FROM MSPUS COMMUNITY 5 SIDE 1
321	321
FROM MSPUS COMMUNITY 6 SIDE 0	FROM MSPUS COMMUNITY 6 SIDE 1
317	317
FROM MSPUS COMMUNITY 7 SIDE 0	FROM MSPUS COMMUNITY 7 SIDE 1
313	313

EQ. 154
B LINK

INFORMATION NOTES (CONT):

314. TWO TYPES OF FIBER OPTIC CABLE AND TRANSMITTER, RECEIVER PADDLE BOARDS ARE USED TO CONNECT THE CM-2 TO AN SM. DUE TO THE CHARACTERISTIC DIFFERENCES OF THE CABLE AND CONNECTORS, EQUIPMENT TYPES CAN NOT BE MIXED IN A FIBER OPTIC SIGNAL PATH.

TYPE: CCL40

CM-2 END - 982FH (1A TRANSCEIVER)
A & M REPLACED BY 982TT

- 982TH FOR TRM USE

SM END - 982CF

- 982CG

FIBER - 50 MICRON W/100S TYPE CONNECTORS

TYPE: CCL50

CM-2 END - 982TT

SM END - 982TR

- 982TS

FIBER - 62.5 MICRON W/ST TYPE CONNECTORS

THE 982TH AND 982TT/982TTC SHOULD BE USED AT THE CM-2 END ON NEW SYSTEMS AND CM, SM GROWTH.

CM-1 TO CM-2 RETROFITS SHOULD BE ENGINEERED SO THE CM FIBER IS COMPATIBLE WITH EXISTING SM'S.

315. OLPS GATEWAY AND CMP FUNCTIONS IN THE CMP17 CAN BE EQUIPPED INDEPENDENTLY.

316. OLPS FOR SINGLE OLAD GATEWAY ARE EQUIPPED IN PAIRS IN BAYS 5 & 6 FOR BAYS 3 & 4 AND 4 & 7 DUAL OLAD GATEWAY OLPS ARE EQUIPPED IN PAIRS, ONE IN CABINET LEVEL 019 AND ONE IN CABINET LEVEL 054.

317. CADS 043 THROUGH 054 PROVIDE CONNECTOR ECLS FOR SINGLE AND TWO OLAD GATEWAY. TABLE A PROVIDES TERMINAL NUMBERS AND LEAD DESIGNATION FOR CABLES SHOWN IN CADS 043 THROUGH 054.

318. THE 982TTC OPTIC BOARD IS THE EQUIVALENT OF THE 982TT.

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INFORMATION NOTES (CONT):

319. THE EQUIVALENCE TABLE PROVIDES LISTS EQUIVALENCE BETWEEN THE "1" AND "2" CMQ UNIT J-DRAWINGS.

J-EQUIVALENCE TABLES

JSD020AA-1 LIST(S)	JSD020AA-2 EQUIVALENT LIST(S)
10	1,2B,3,6
3	3
4B	11,4
5B	9,4
6B	10,4
7B	4,8
8B	10,5
9B	5,8
10	5
13	12
14	7
15B	11
16B	10

JSD020AC-1 LIST(S)	JSD020AC-2 LIST(S)
1B	1,2,3
2A	3
3A	2
4A	3

JSD020AD-1 LIST(S)	JSD020AD-2 LIST(S)
2A	3
3A	8
4	4
5B	9
6	9
7	5,10
8A	1,2,9
10A	11
11	2,4
12	5
13	5
14	5
15A	10,11
16	7,12
17	8A

JSD020AE-1 LIST(S)	JSD020AE-2 LIST(S)
4	3
5	1
7	2
8	8
9	7
10	5
11	9
14	4
15	5
16	10
17	11

JSD020AF-1 LIST(S)	JSD020AF-2 LIST(S)
1A	1,2
2B	3
3B	3
4	5
5	4
6	2

JSD020AG-1 LIST(S)	JSD020AG-2 LIST(S)
1B	1,2,3,7
2B	1,2,7
3	4
5	8
6	9
7	5,10
8	8A

INFORMATION NOTES (CONT):

320. THE TN1882 CIRCUIT PACKS IN THE TMSU MUST BE INSTALLED AS A PAIR IN SLOTS 088 AND 090, 072 AND 084, 056 AND 048 OR 040 AND 032.

THE FIRST OLPS CIRCUIT PACK ASSIGNED MUST BE LOCATED IN EQL 088,072,056 OR 040. THE SECOND OLPS CIRCUIT PACK ASSIGNED MUST BE LOCATED IN EQL 080,084,046, OR 032.

FOR ALL NEW OFFICES, RECOMMENDED PLACEMENT OF OLPS IS IN BAYS 5 AND 6 IN TOP TMSU (536 AND 636) AT PACK EQLS 072 AND 084.

FOR GROWTH OFFICES OLPS MAY BE EQUIPPED IN ANY CABINET (0-4 AND 11-7) IN ANY TMSU (VERTICAL EQL 036 OR 019), BUT MUST STILL BE INSTALLED IN PAIRS IN ADJACENT SLOTS. SEE CADS 43A THROUGH 43H AND 44A THROUGH 44H.

SINGLE CGW APPLICATIONS

FROM			TO			
PORT	UNIT	EQL	PORT	UNIT	BAY	EQL NOTE 320
0	CMPU	862-040	0	TMSU2/3	3,4 OR 5	1ST ASSIGNED
1	CMPU	862-040	0	TMSU2/3	3,4 OR 5	2ND ASSIGNED
2	CMPU	862-040	0	TMSU2/3	6,7 OR 8	1ST ASSIGNED
3	CMPU	862-040	0	TMSU2/3	6,7 OR 8	2ND ASSIGNED
0	CMPU	862-040	1	TMSU2/3	3,4 OR 5	1ST ASSIGNED
1	CMPU	862-040	1	TMSU2/3	3,4 OR 5	2ND ASSIGNED
2	CMPU	862-040	1	TMSU2/3	6,7 OR 8	1ST ASSIGNED
3	CMPU	862-040	1	TMSU2/3	6,7 OR 8	2ND ASSIGNED

TWO CGW APPLICATIONS

FROM			TO			
PORT	UNIT	EQL	PORT	UNIT	BAY	EQL NOTE 320
0	CMPU	862-040	0	TMSU2/3	3,4 OR 5	1ST ASSIGNED
1	CMPU	862-058	0	TMSU2/3	3,4 OR 5	2ND ASSIGNED
2	CMPU	862-040	0	TMSU2/3	6,7 OR 8	1ST ASSIGNED
3	CMPU	862-058	0	TMSU2/3	6,7 OR 8	2ND ASSIGNED
0	CMPU	862-040	1	TMSU2/3	3,4 OR 5	1ST ASSIGNED
1	CMPU	862-058	1	TMSU2/3	3,4 OR 5	2ND ASSIGNED
2	CMPU	862-040	1	TMSU2/3	6,7 OR 8	1ST ASSIGNED
3	CMPU	862-058	1	TMSU2/3	6,7 OR 8	2ND ASSIGNED

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COMMUNICATION MODULE, MODEL 2

DWG SIZE
C2

ISSUE
17M

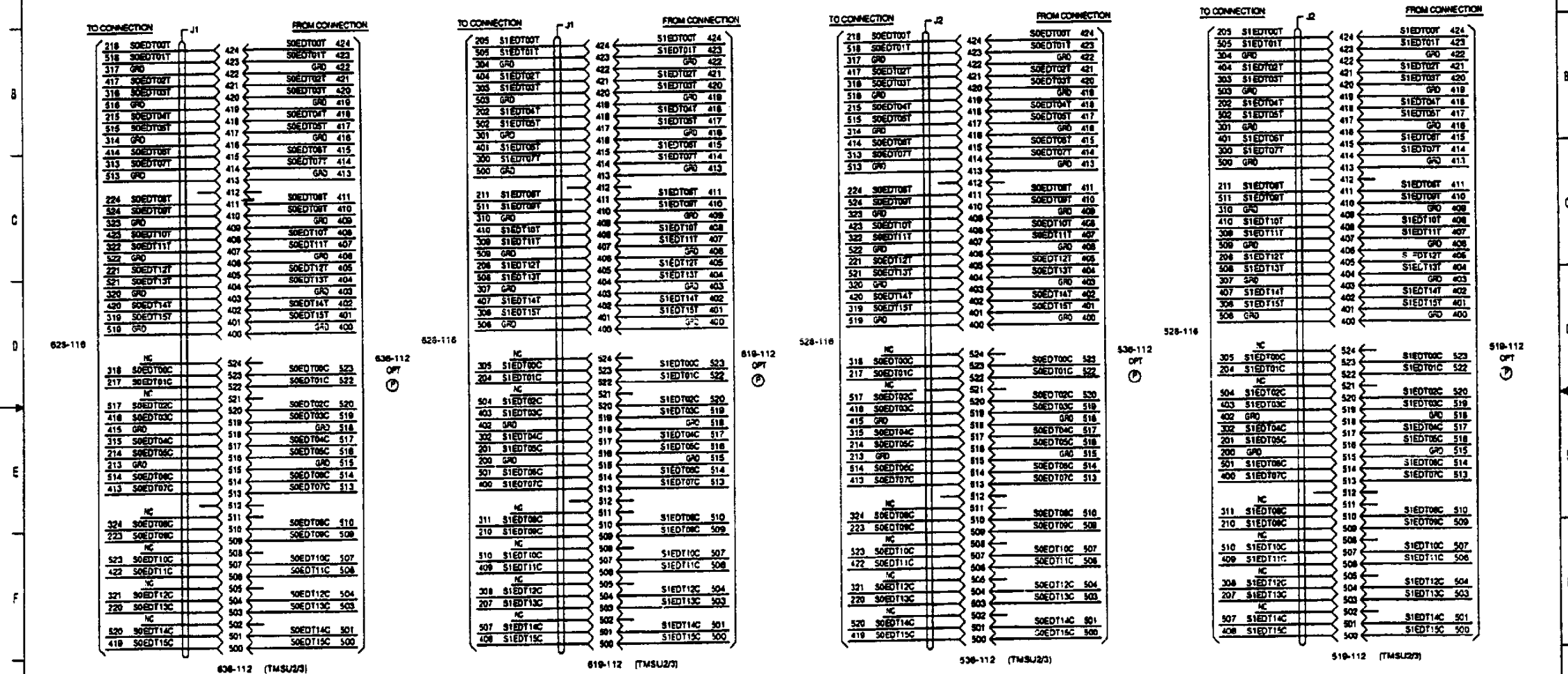
AT&T

SD-5D140-01

SHEET
D12

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CAD 3 RECEIVE DATA



CAD 4 TRANSMIT DATA

CAD 5 TRANSMIT DATA

TO CONNECTION	FROM CONNECTION
424 1P0F0018	056 1P0F0018 056
421 1P0F0018	055 1P0F0018 055
419 GND	054 GND 054
418 1P0F0020	053 1P0F0020 053
415 1P0F0022	052 1P0F0022 052
413 GND	051 GND 051
411 1P0F0024	050 1P0F0024 050
408 1P0F0026	049 1P0F0026 049
406 GND	048 GND 048
405 1P0F0028	047 1P0F0028 047
402 1P0F0030	046 1P0F0030 046
400 GND	045 GND 045
456 1P0F0000	044 1P0F0000 043
453 1P0F0002	043 1P0F0002 042
451 GND	042 GND 041
450 1P0F0004	041 1P0F0004 040
447 1P0F0006	040 1P0F0006 039
445 GND	039 GND 038
443 1P0F0008	038 1P0F0008 037
440 1P0F0010	037 1P0F0010 036
438 GND	036 GND 035
437 1P0F0012	035 1P0F0012 034
434 1P0F0014	034 1P0F0014 033
432 GND	033 GND 032
422 GND	156 GND 156
423 1P0F0017	155 1P0F0017 155
420 1P0F0019	154 1P0F0019 154
416 GND	153 GND 153
417 1P0F0021	152 1P0F0021 152
414 1P0F0023	151 1P0F0023 151
408 GND	150 GND 150
410 1P0F0025	149 1P0F0025 149
407 1P0F0027	148 1P0F0027 148
403 GND	147 GND 147
404 1P0F0029	146 1P0F0029 146
401 1P0F0031	145 1P0F0031 145
454 GND	144 GND 143
455 1P0F0001	143 1P0F0001 142
452 1P0F0003	142 1P0F0003 141
448 GND	140 GND 140
449 1P0F0005	139 1P0F0005 139
446 1P0F0007	138 1P0F0007 138
441 GND	137 GND 137
442 1P0F0009	136 1P0F0009 136
439 1P0F0011	135 1P0F0011 135
435 GND	134 GND 134
436 1P0F0013	133 1P0F0013 133
433 1P0F0015	132 1P0F0015 132

TO CONNECTION	FROM CONNECTION
424 0P0F0018	056 0P0F0018 056
421 0P0F0018	055 0P0F0018 055
419 GND	054 GND 054
418 0P0F0020	053 0P0F0020 053
415 0P0F0022	052 0P0F0022 052
413 GND	051 GND 051
411 0P0F0024	050 0P0F0024 050
408 0P0F0026	049 0P0F0026 049
406 GND	048 GND 048
405 0P0F0028	047 0P0F0028 047
402 0P0F0030	046 0P0F0030 046
400 GND	045 GND 045
456 0P0F0000	044 0P0F0000 043
453 0P0F0002	043 0P0F0002 042
451 GND	042 GND 041
450 0P0F0004	041 0P0F0004 040
447 0P0F0006	040 0P0F0006 039
445 GND	039 GND 038
443 0P0F0008	038 0P0F0008 037
440 0P0F0010	037 0P0F0010 036
438 GND	036 GND 035
437 0P0F0012	035 0P0F0012 034
434 0P0F0014	034 0P0F0014 033
432 GND	033 GND 032
422 GND	156 GND 156
423 0P0F0017	155 0P0F0017 155
420 0P0F0019	154 0P0F0019 154
416 GND	153 GND 153
417 0P0F0021	152 0P0F0021 152
414 0P0F0023	151 0P0F0023 151
408 GND	150 GND 150
410 0P0F0025	149 0P0F0025 149
407 0P0F0027	148 0P0F0027 148
403 GND	147 GND 147
404 0P0F0029	146 0P0F0029 146
401 0P0F0031	145 0P0F0031 145
454 GND	144 GND 143
455 0P0F0001	143 0P0F0001 142
452 0P0F0003	142 0P0F0003 141
448 GND	140 GND 140
449 0P0F0005	139 0P0F0005 139
446 0P0F0007	138 0P0F0007 138
441 GND	137 GND 137
442 0P0F0009	136 0P0F0009 136
439 0P0F0011	135 0P0F0011 135
435 GND	134 GND 134
436 0P0F0013	133 0P0F0013 133
433 0P0F0015	132 0P0F0015 132

TO CONNECTION	FROM CONNECTION
424 1P0F1018	024 1P0F1018 024
421 1P0F1018	023 1P0F1018 023
419 GND	022 GND 022
418 1P0F1020	021 1P0F1020 021
415 1P0F1022	020 1P0F1022 020
413 GND	019 GND 019
411 1P0F1024	018 1P0F1024 018
408 1P0F1026	017 1P0F1026 017
406 GND	016 GND 016
405 1P1F0028	015 1P0F1028 015
402 1P0F1030	014 1P0F1030 014
400 GND	013 GND 013
456 1P0F1000	012 1P0F1000 011
453 1P0F1002	011 1P0F1002 010
451 GND	010 GND 009
450 1P0F1004	009 1P0F1004 008
447 1P0F1006	008 1P0F1006 007
445 GND	007 GND 006
443 1P0F1008	006 1P0F1008 005
440 1P0F1010	005 1P0F1010 004
438 GND	004 GND 003
437 1P0F1012	003 1P0F1012 002
434 1P0F1014	002 1P0F1014 001
432 GND	001 GND 000
422 GND	124 GND 124
423 1P0F1017	123 1P0F1017 123
420 1P0F1019	122 1P0F1019 122
416 GND	121 GND 121
417 1P0F1021	120 1P0F1021 120
414 1P0F1023	119 1P0F1023 119
408 GND	118 GND 118
410 1P0F1025	117 1P0F1025 117
407 1P0F1027	116 1P0F1027 116
403 GND	115 GND 115
404 1P0F1029	114 1P0F1029 114
401 1P0F1031	113 1P0F1031 113
454 GND	112 GND 111
455 1P0F1001	111 1P0F1001 110
452 1P0F1003	110 1P0F1003 109
448 GND	108 GND 108
449 1P0F1005	107 1P0F1005 107
446 1P0F1007	106 1P0F1007 106
441 GND	105 GND 105
442 1P0F1009	104 1P0F1009 104
439 1P0F1011	103 1P0F1011 103
435 GND	102 GND 102
436 1P0F1013	101 1P0F1013 101
433 1P0F1015	100 1P0F1015 100

TO CONNECTION	FROM CONNECTION
424 0P0F1018	024 0P0F1018 024
421 0P0F1018	023 0P0F1018 023
419 GND	022 GND 022
418 0P0F1020	021 0P0F1020 021
415 0P0F1022	020 0P0F1022 020
413 GND	019 GND 019
411 0P0F1024	018 0P0F1024 018
408 0P0F1026	017 0P0F1026 017
406 GND	016 GND 016
405 0P0F1028	015 0P0F1028 015
402 0P0F1030	014 0P0F1030 014
400 GND	013 GND 013
456 0P0F1000	012 0P0F1000 011
453 0P0F1002	011 0P0F1002 010
451 GND	010 GND 009
450 0P0F1004	009 0P0F1004 008
447 0P0F1006	008 0P0F1006 007
445 GND	007 GND 006
443 0P0F1008	006 0P0F1008 005
440 0P0F1010	005 0P0F1010 004
438 GND	004 GND 003
437 0P0F1012	003 0P0F1012 002
434 0P0F1014	002 0P0F1014 001
432 GND	001 GND 000
422 GND	124 GND 124
423 0P0F1017	123 0P0F1017 123
420 0P0F1019	122 0P0F1019 122
416 GND	121 GND 121
417 0P0F1021	120 0P0F1021 120
414 0P0F1023	119 0P0F1023 119
408 GND	118 GND 118
410 0P0F1025	117 0P0F1025 117
407 0P0F1027	116 0P0F1027 116
403 GND	115 GND 115
404 0P0F1029	114 0P0F1029 114
401 0P0F1031	113 0P0F1031 113
454 GND	112 GND 111
455 0P0F1001	111 0P0F1001 110
452 0P0F1003	110 0P0F1003 109
448 GND	108 GND 108
449 0P0F1005	107 0P0F1005 107
446 0P0F1007	106 0P0F1007 106
441 GND	105 GND 105
442 0P0F1009	104 0P0F1009 104
439 0P0F1011	103 0P0F1011 103
435 GND	102 GND 102
436 0P0F1013	101 0P0F1013 101
433 0P0F1015	100 0P0F1015 100

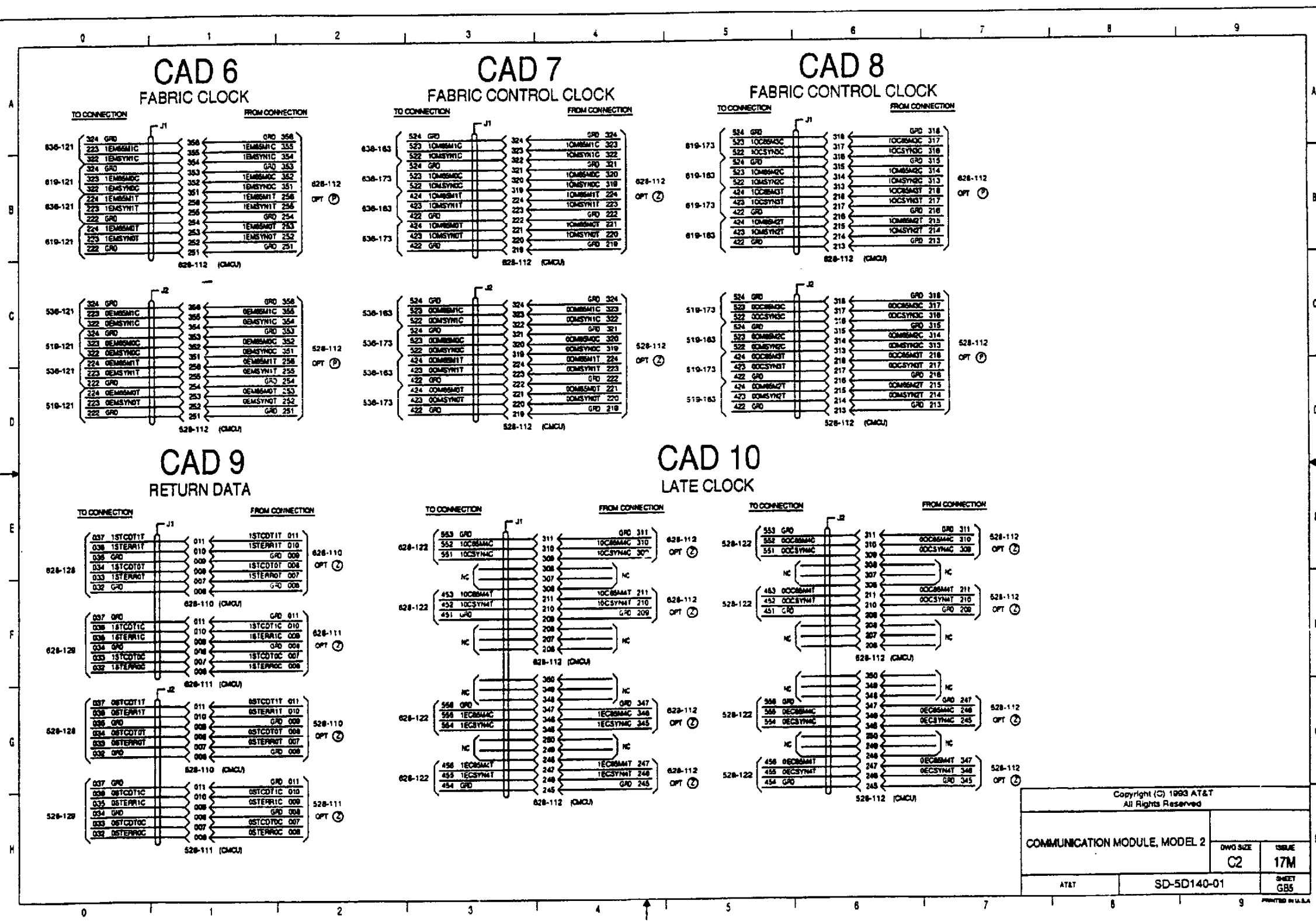
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COMMUNICATION MODULE, MODEL 2

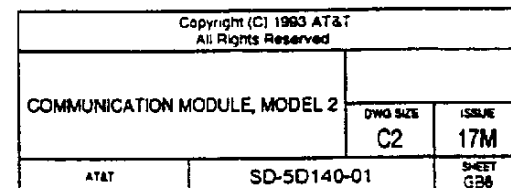
AT&T SD-50140-01

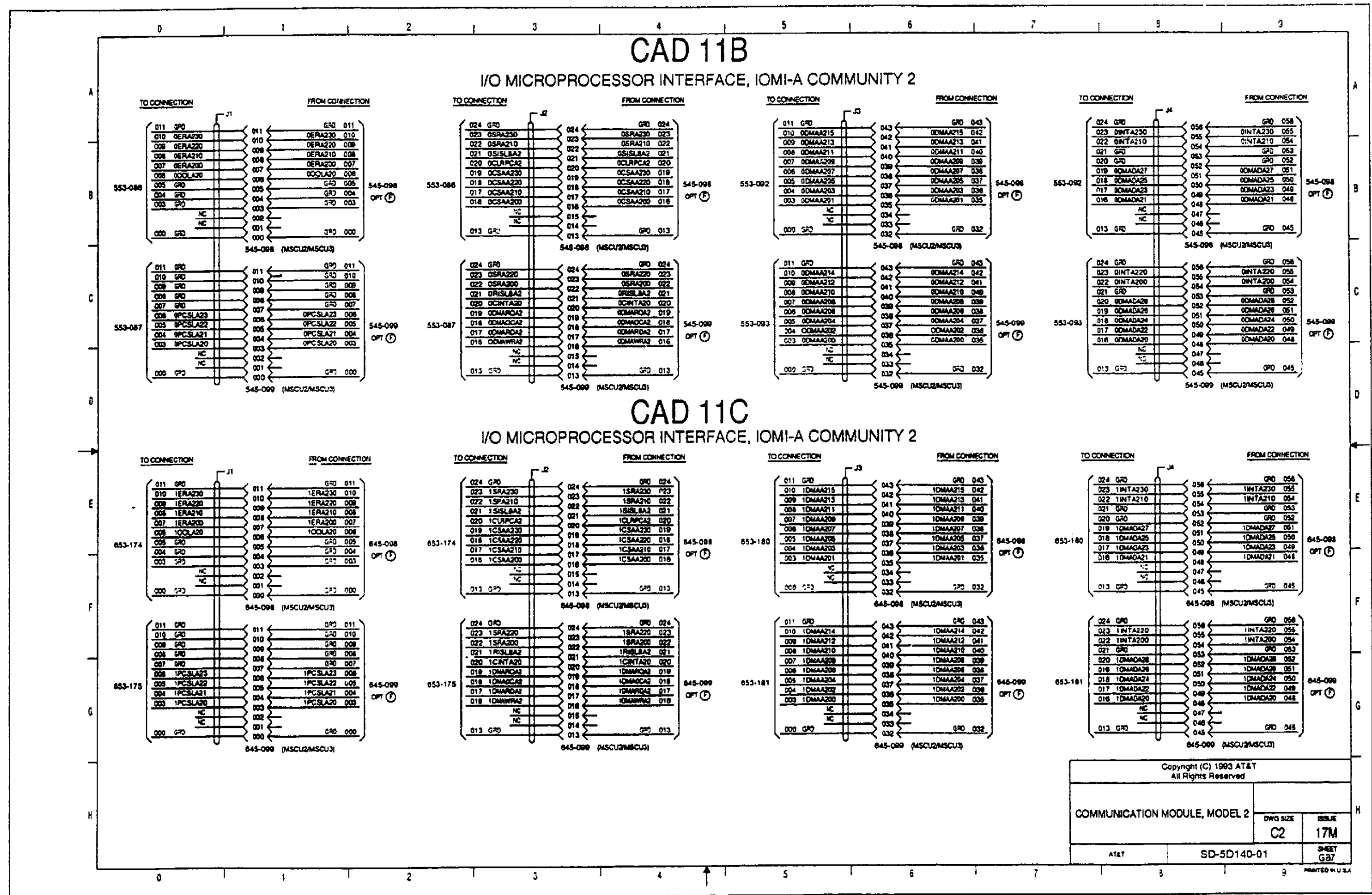
DWG SIZE C2 ISSUE 17M SHEET 684

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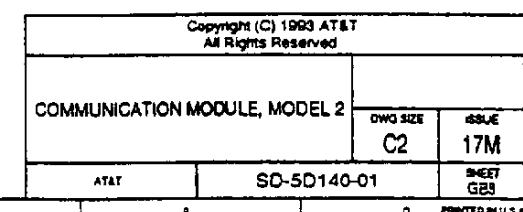


I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 1





I/O MICROPROCESSOR INTERFACE, IOMI-A COMMUNITY 3

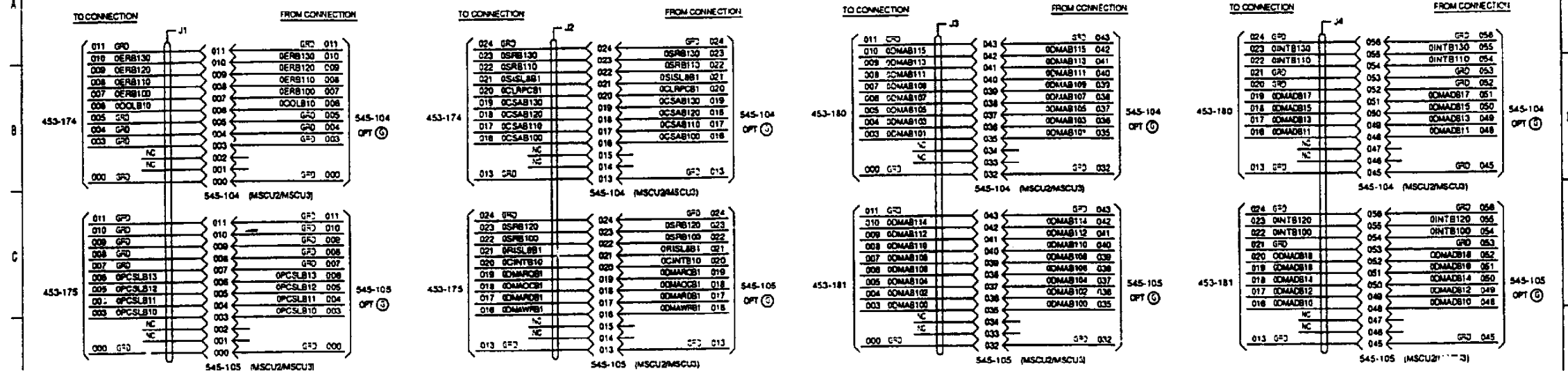


I/O MICROPROCESSOR INTERFACE, IOMI-8 COMMUNITY 0



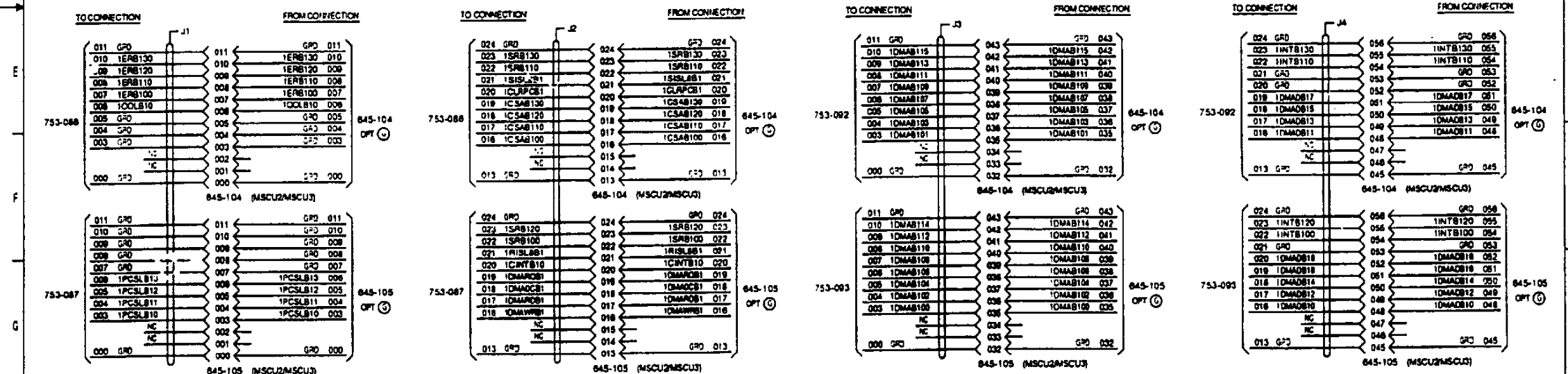
CAD 11H

I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 1



CAD 11J

I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 1



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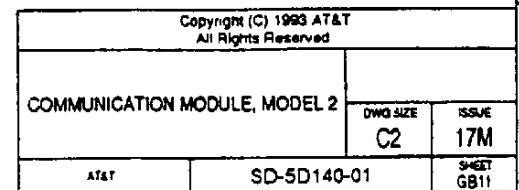
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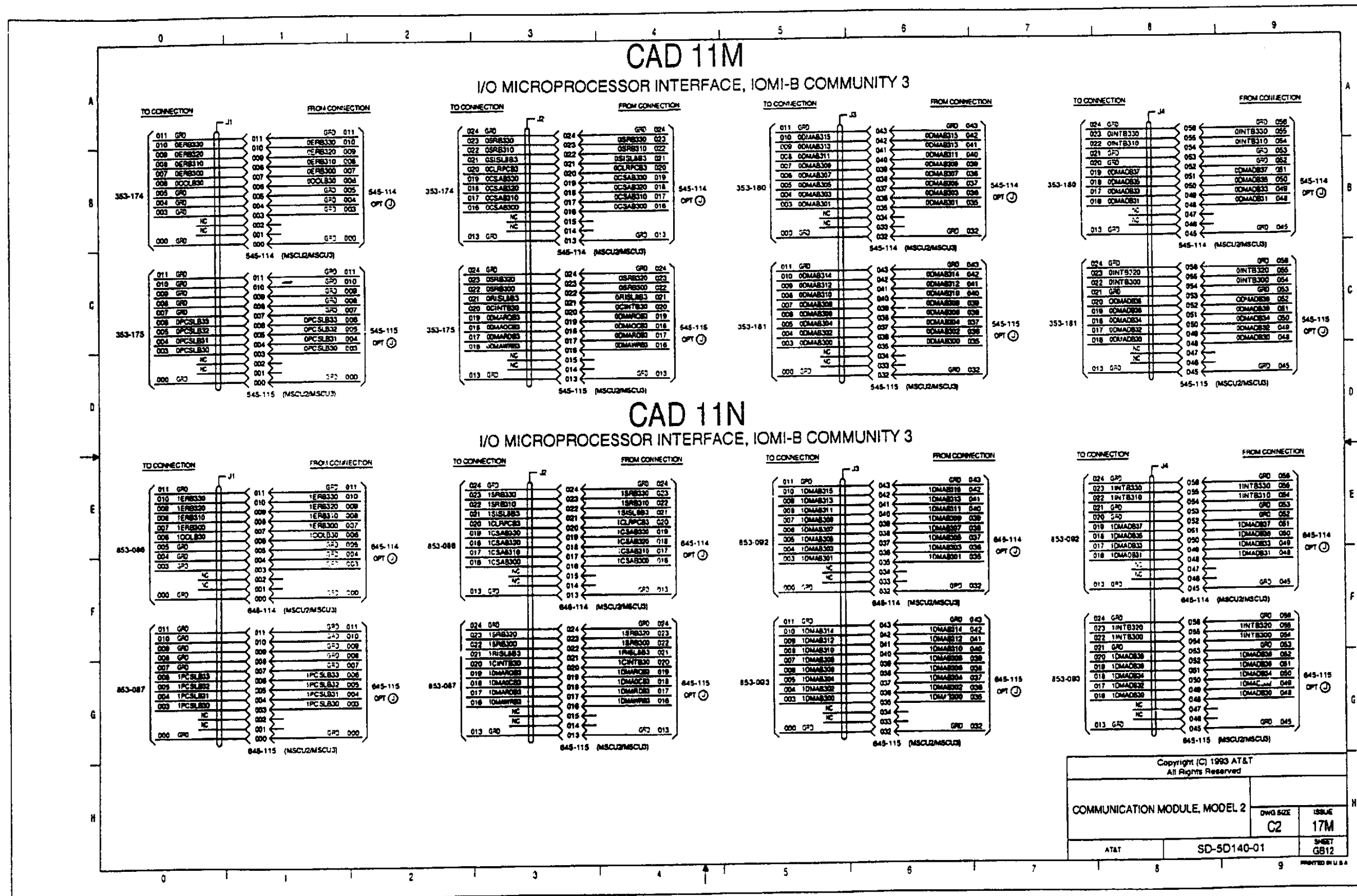
AT&T SD-SD140-01

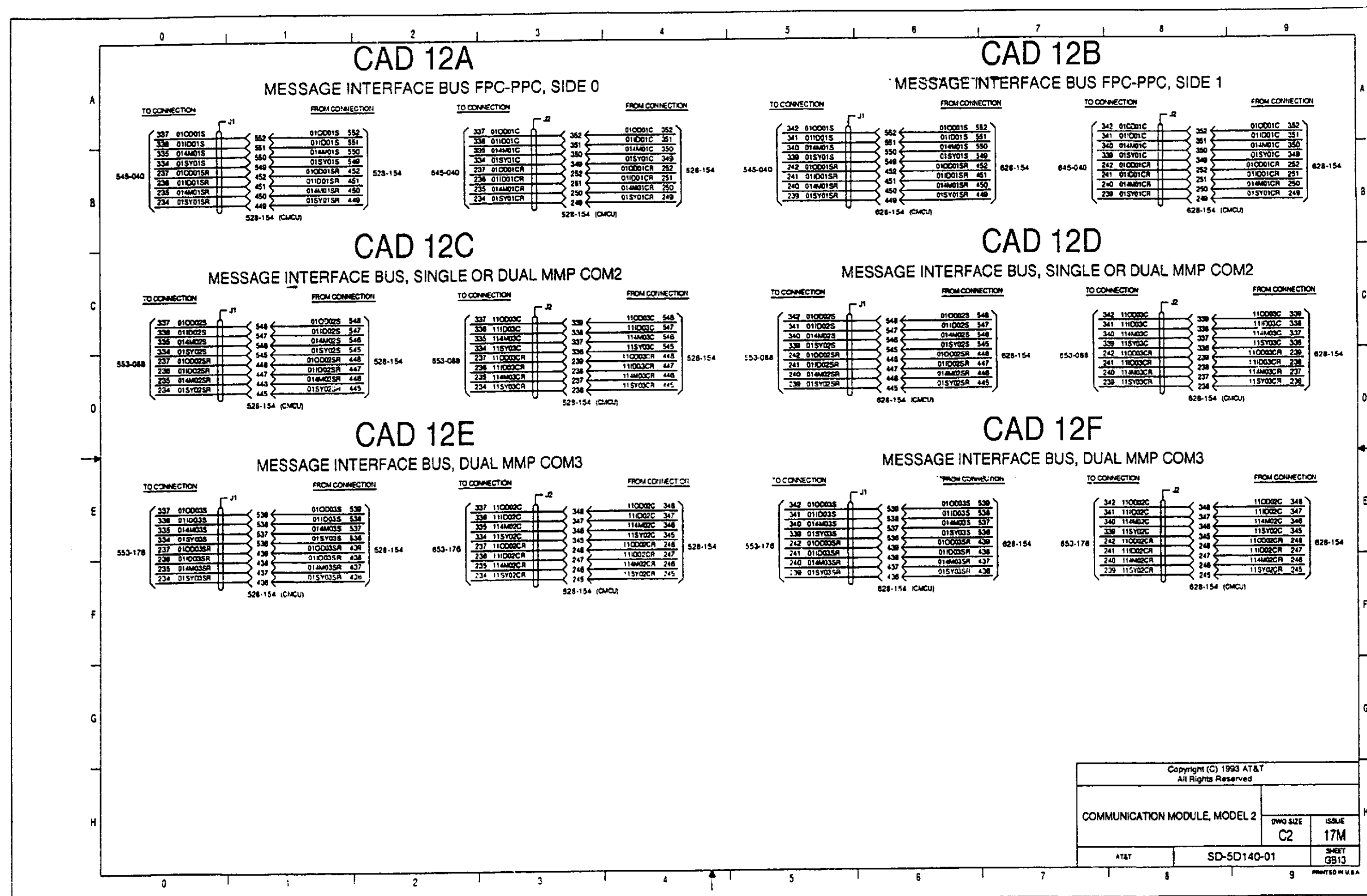
DWG SIZE C2 ISSUE 17M

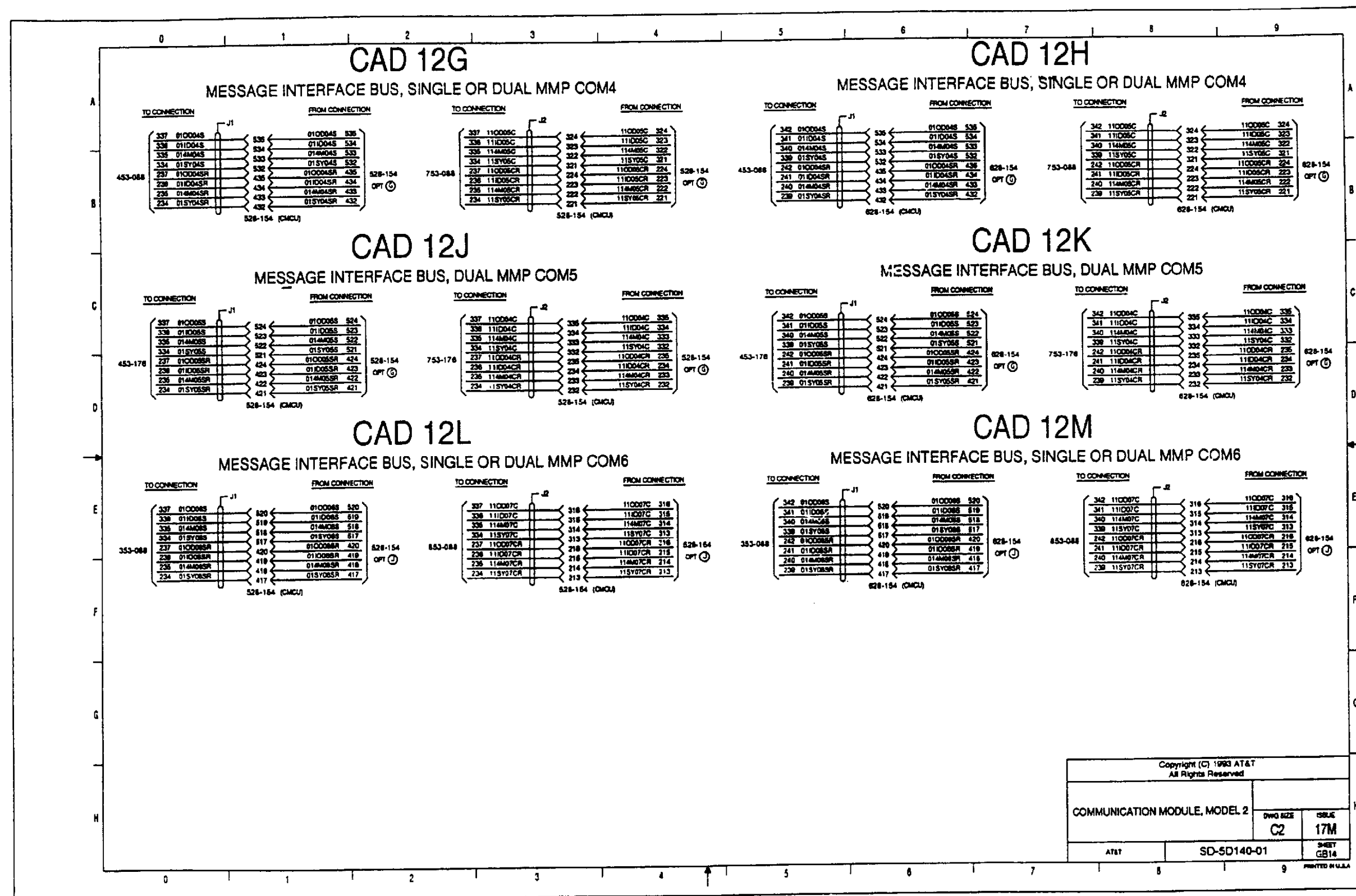
SHEET 3310

I/O MICROPROCESSOR INTERFACE, IOMI-B COMMUNITY 2









B

A

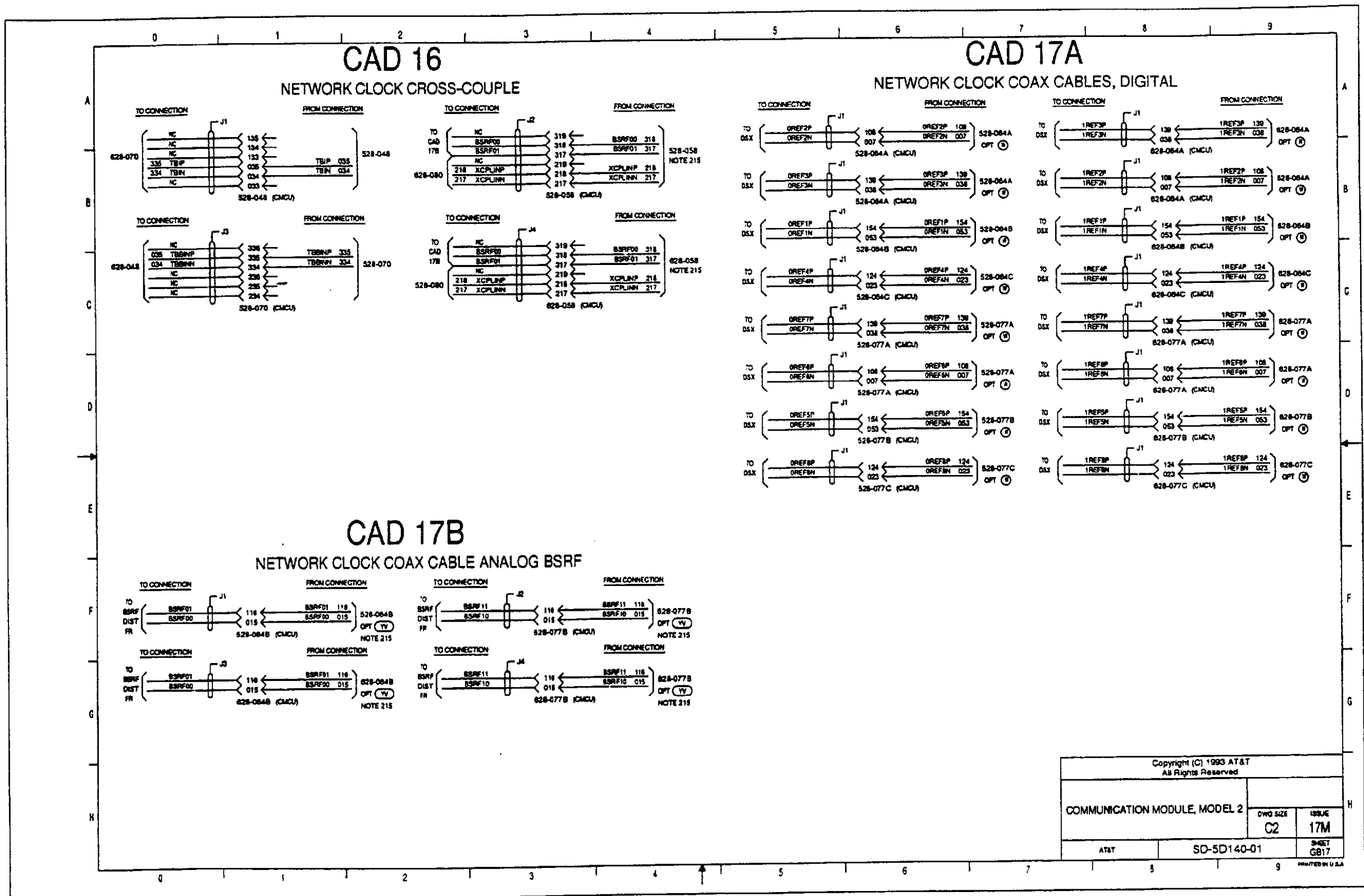
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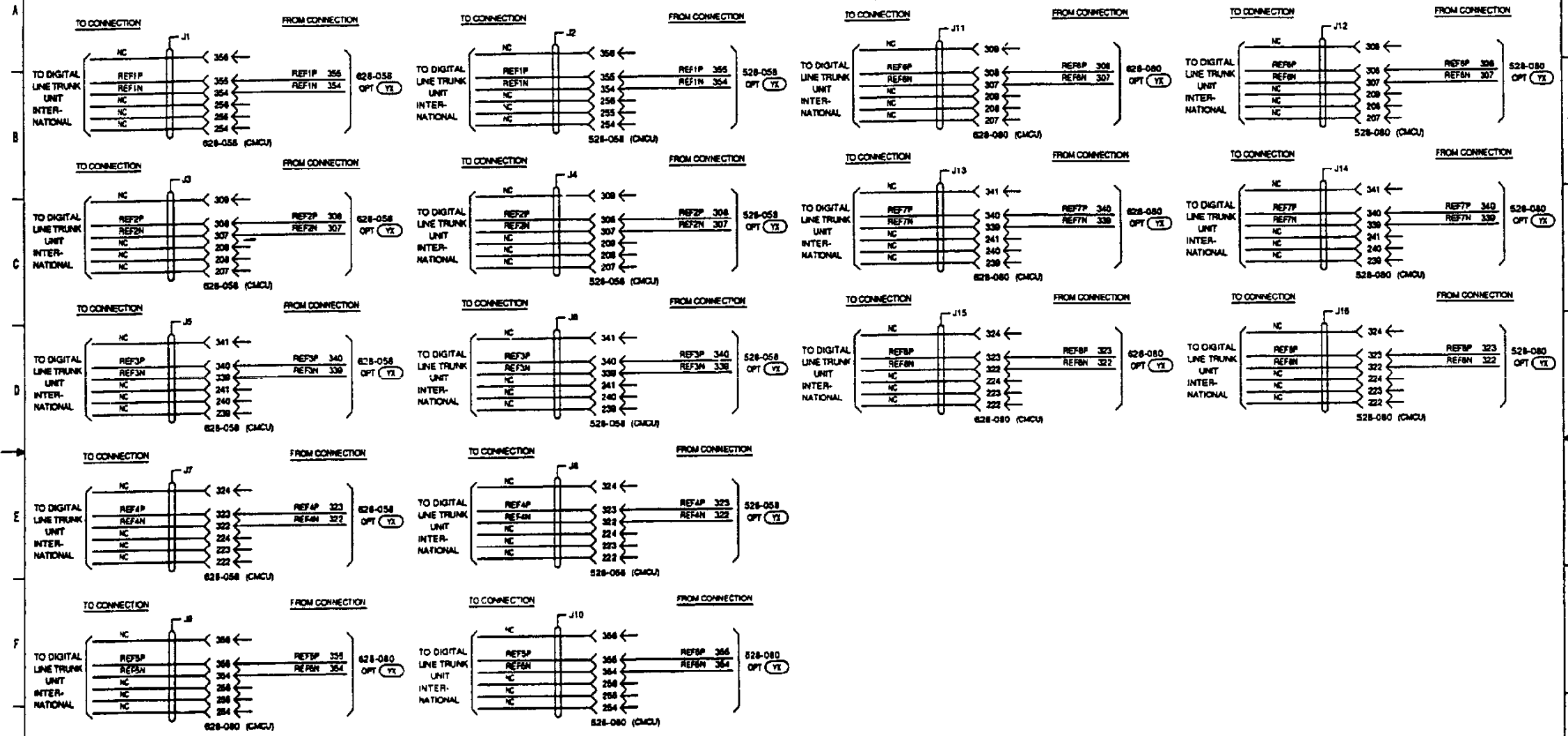
A

B



CAD 18B

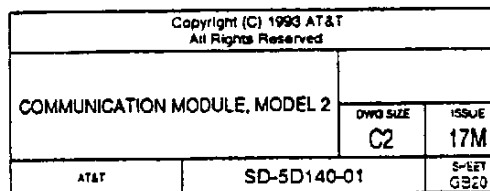
NETWORK CLOCK CABLES, TO DLTUE



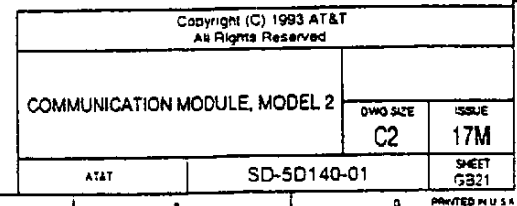
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COMMUNICATION MODULE, MODEL 2		ISSUE
		17M
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SCAN AND DISTRIBUTE, TO 3BIOP

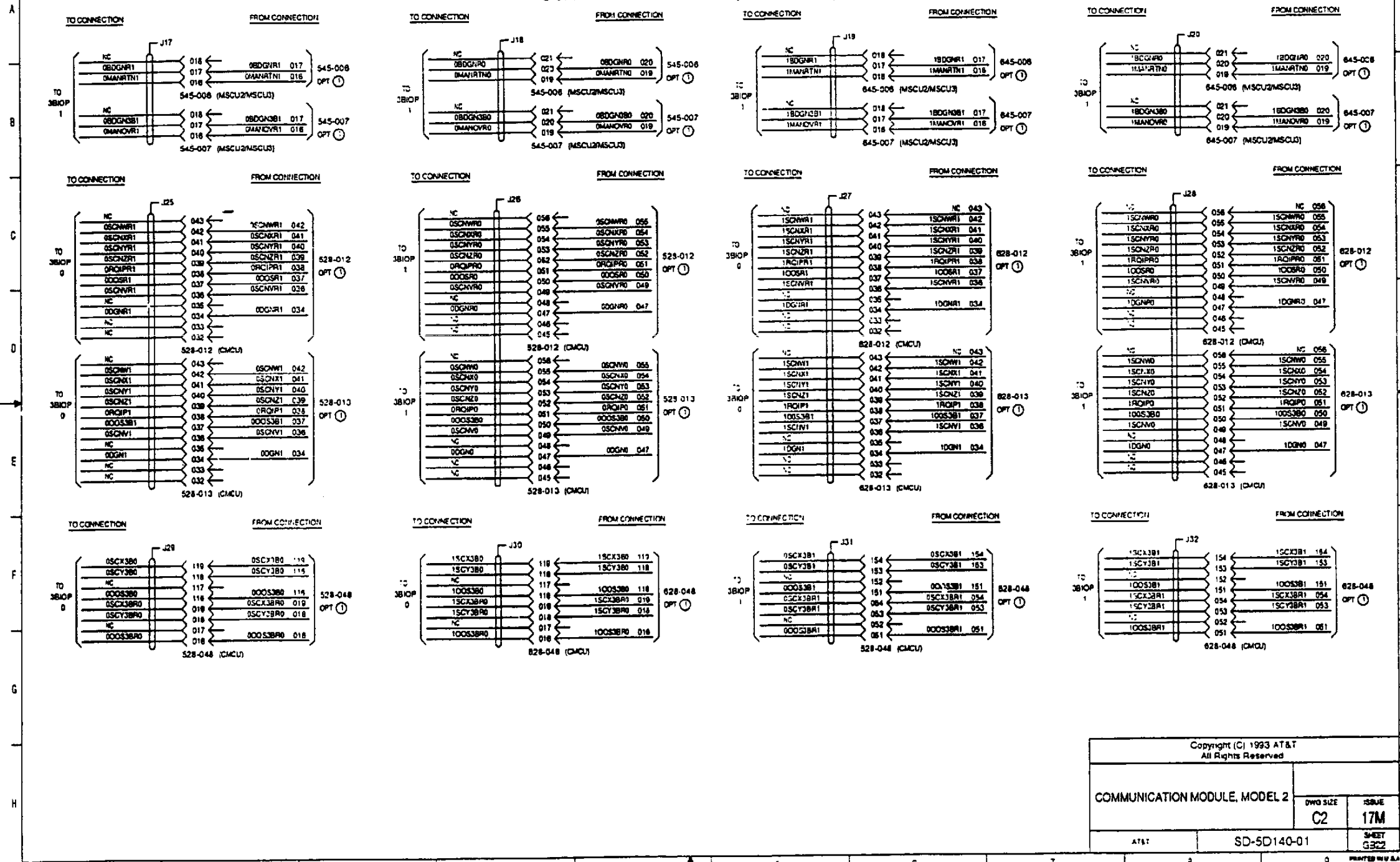


SCAN AND DISTRIBUTE, TO 3BIOP (CONT'D)



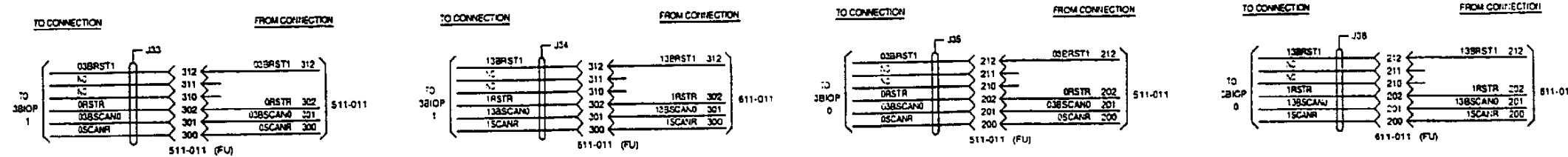
CAD 19A

SCAN AND DISTRIBUTE, TO 3BIOP (CONT'D)



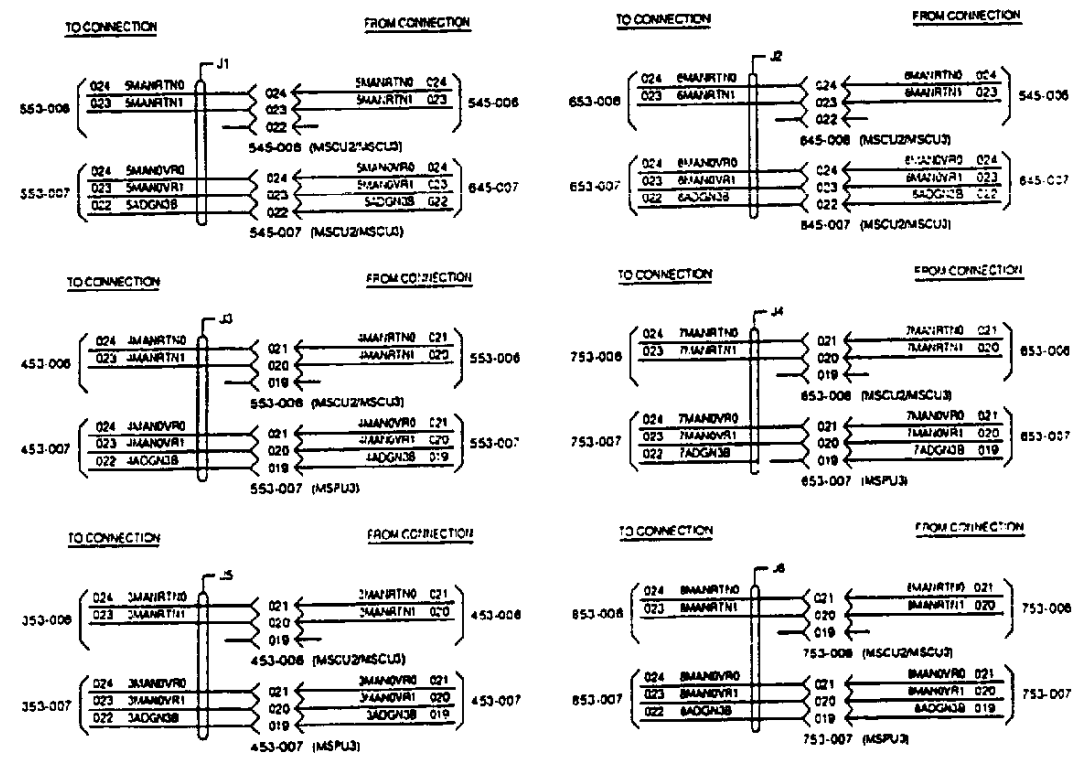
CAD 19A

SCAN AND DISTRIBUTE, TO 3BIOP



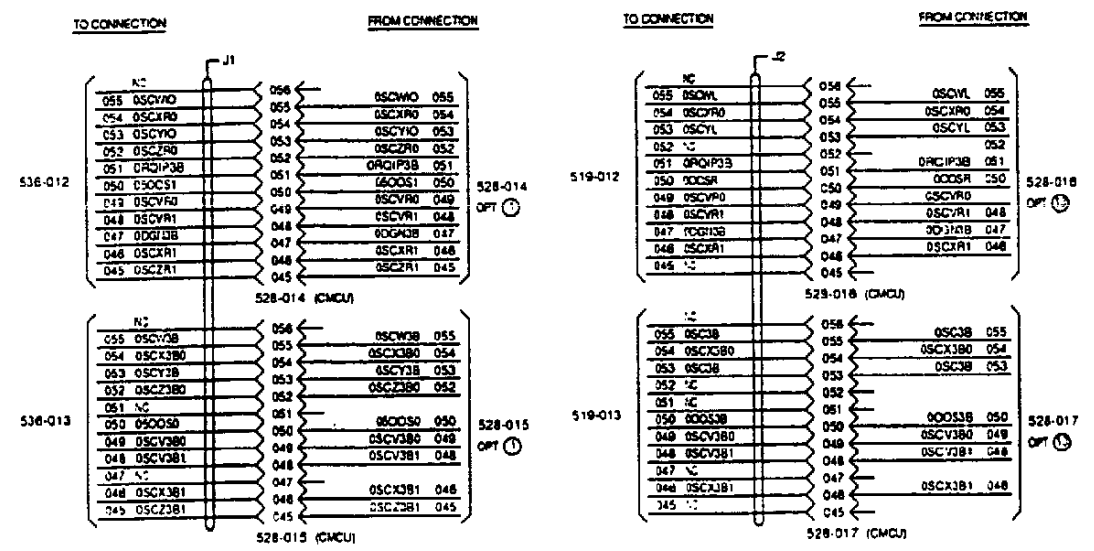
CAD 19B

SCAN AND DISTRIBUTE, MSPU3 LINKS BACK TO MSCU2



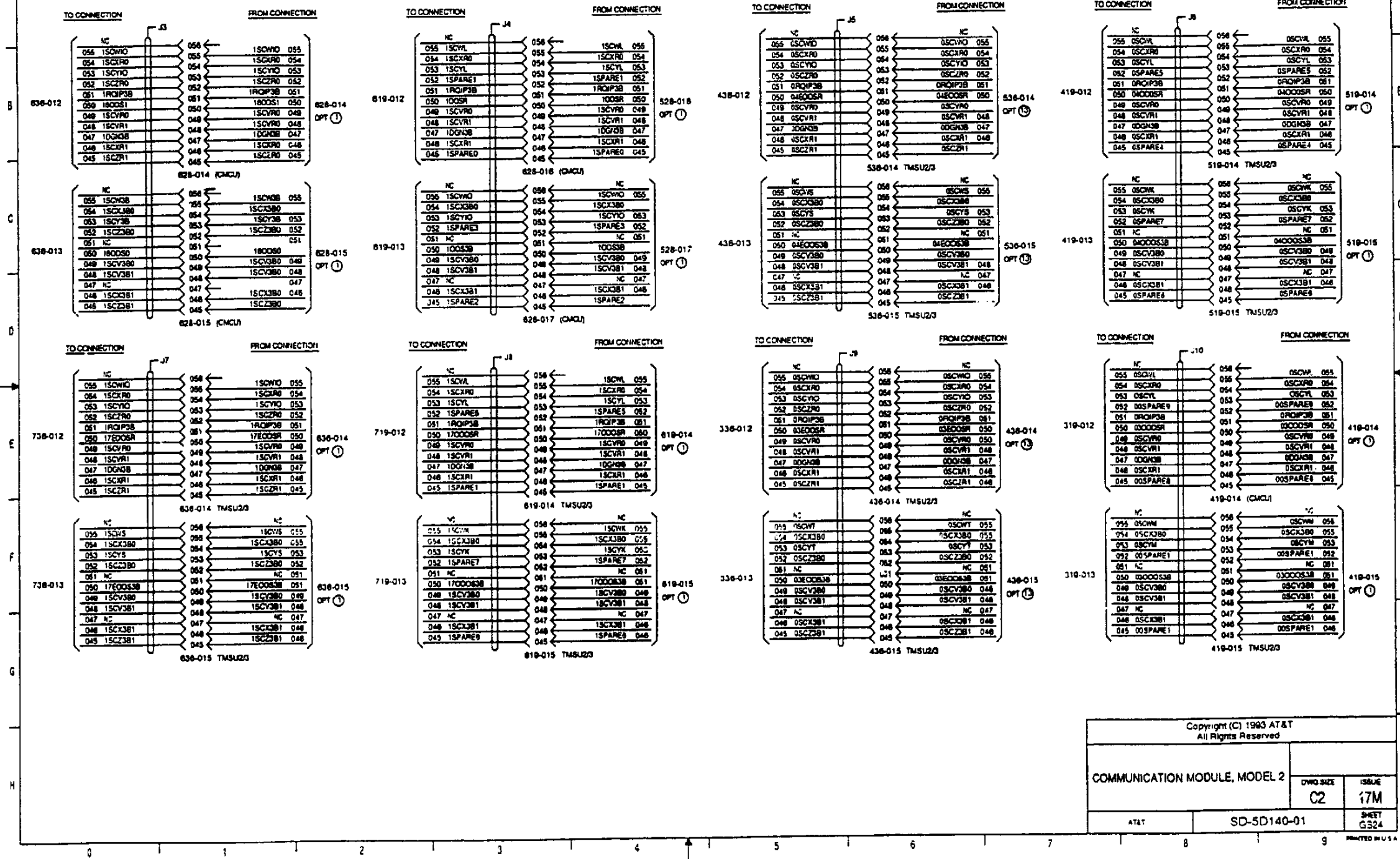
CAD 19C

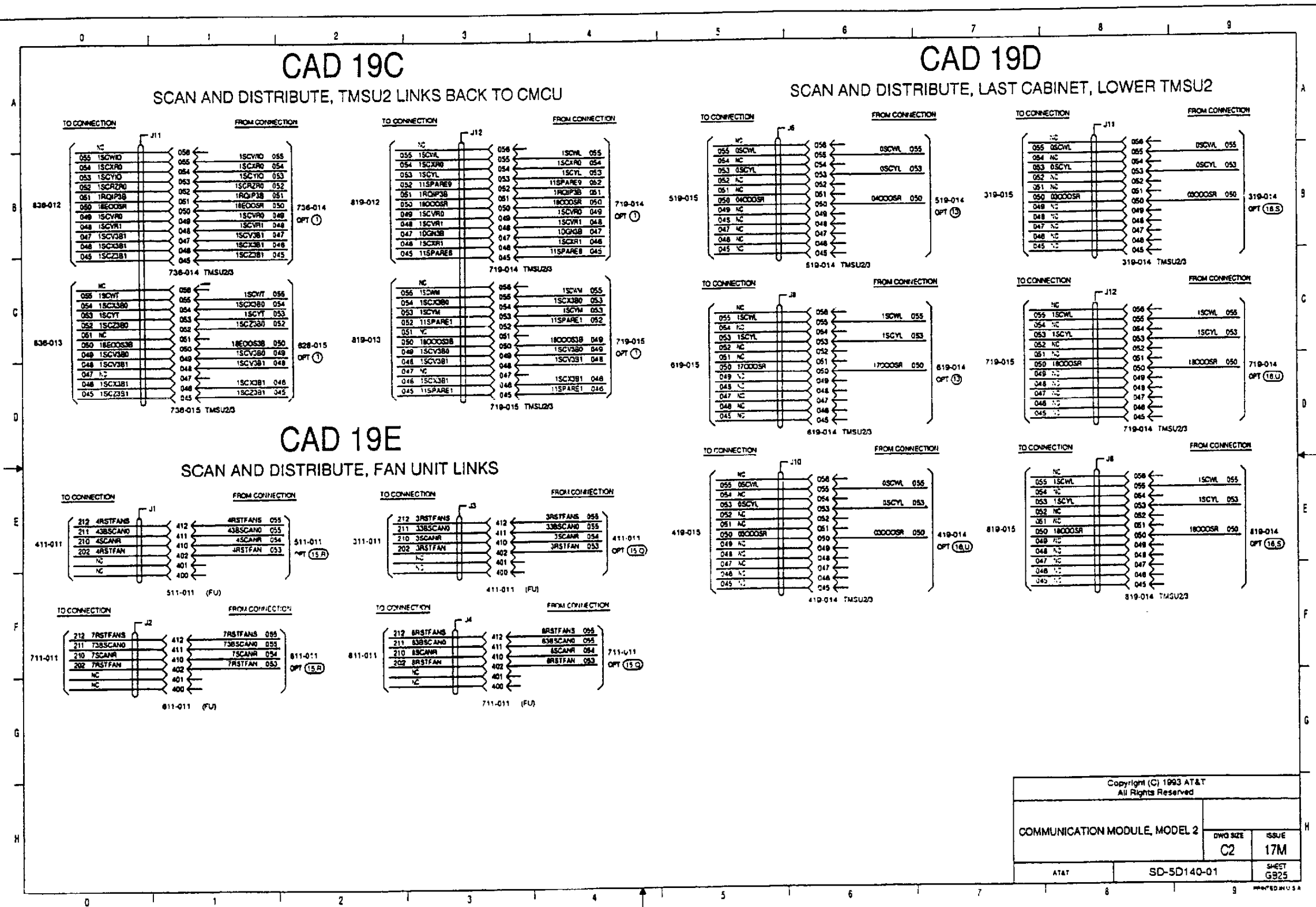
SCAN AND DISTRIBUTE, TMSU LINKS BACK TO CMCU



CAD 19C

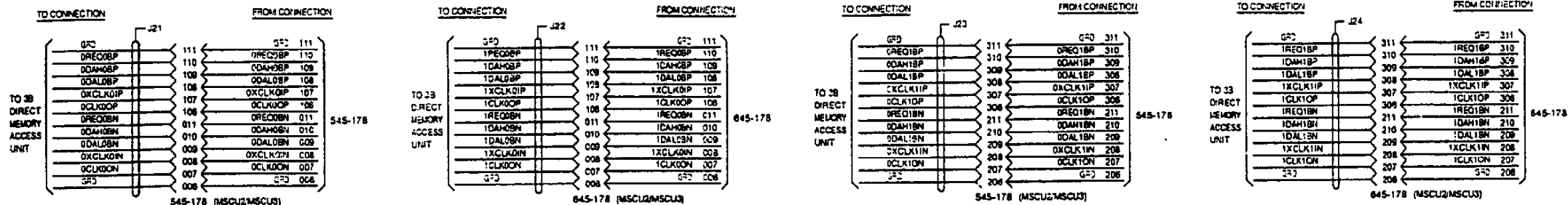
SCAN AND DISTRIBUTE, TMSU LINKS BACK TO CMCU





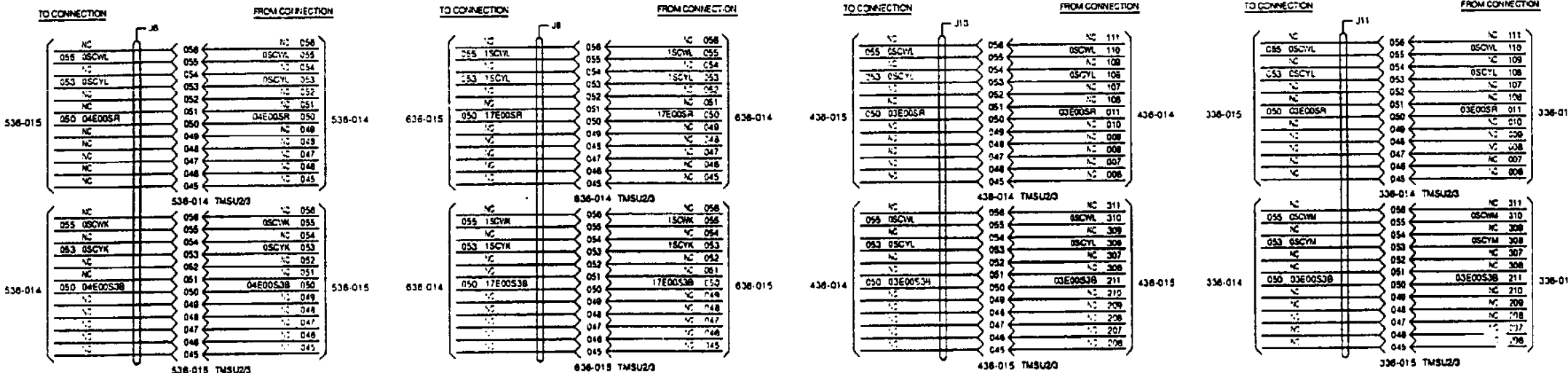
CAD 19F

DIRECT MEMORY ACCESS LINK



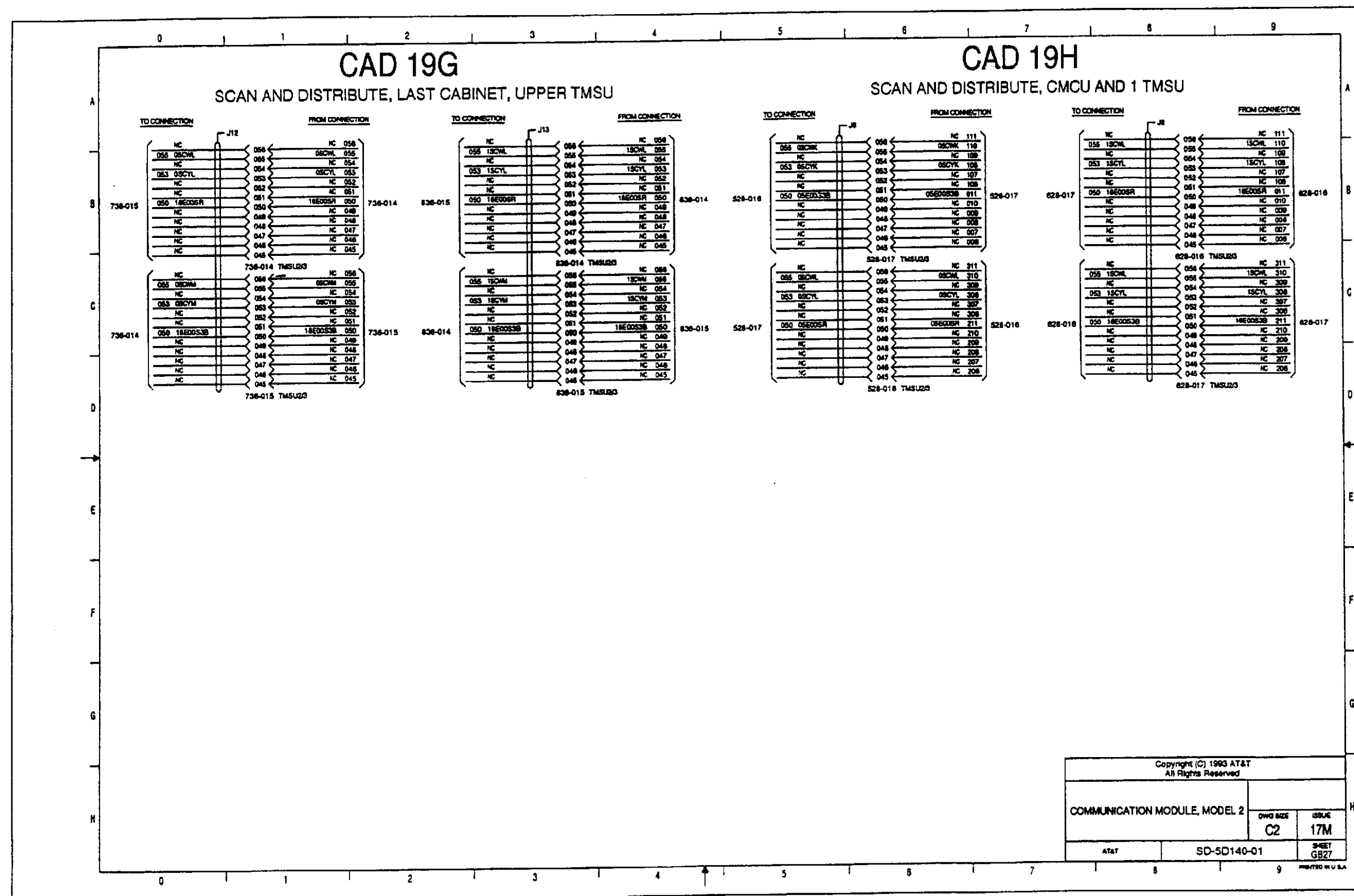
CAD 19G

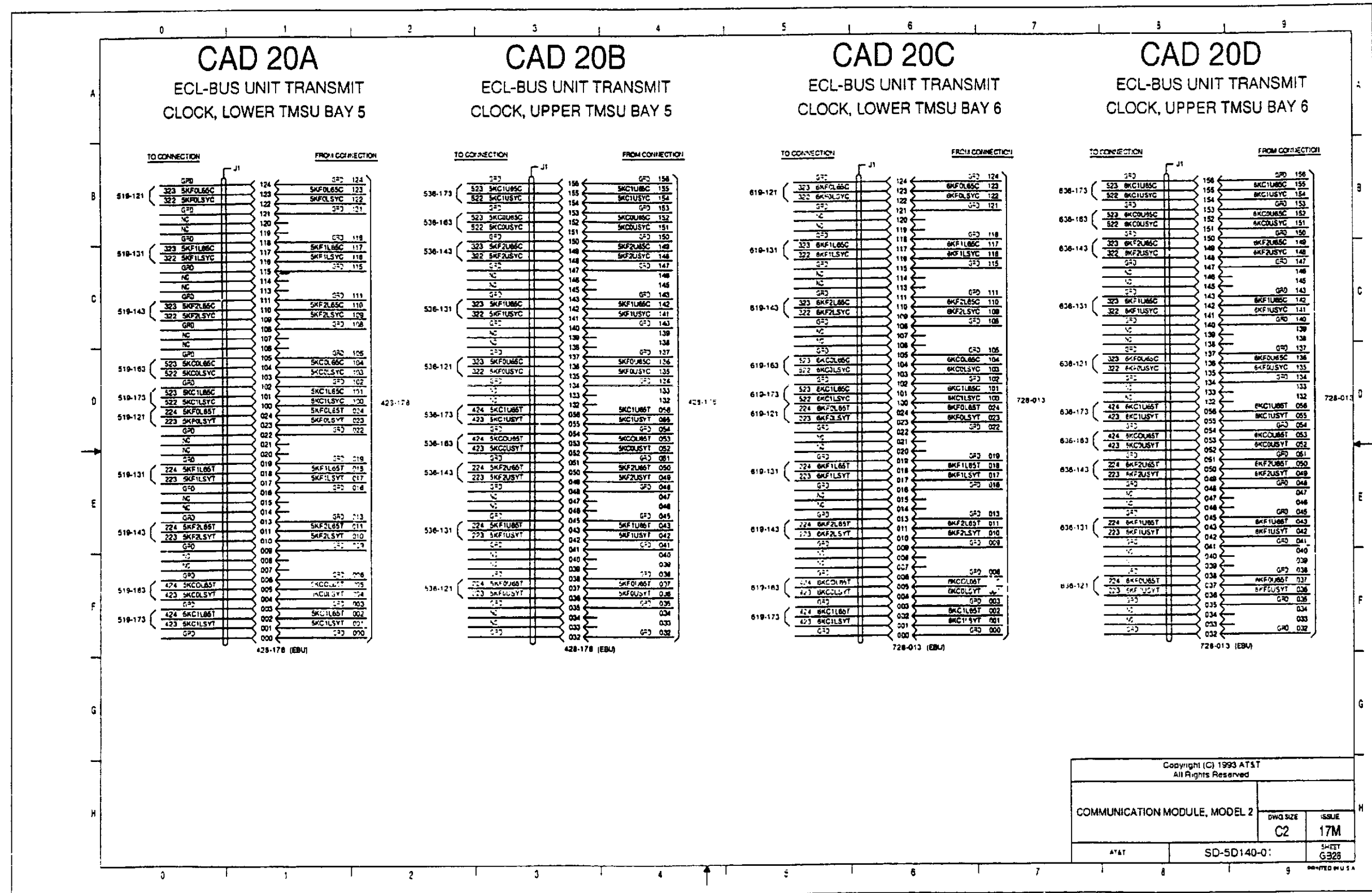
SCAN AND DISTRIBUTE, LAST CABINET, UPPER TMSU

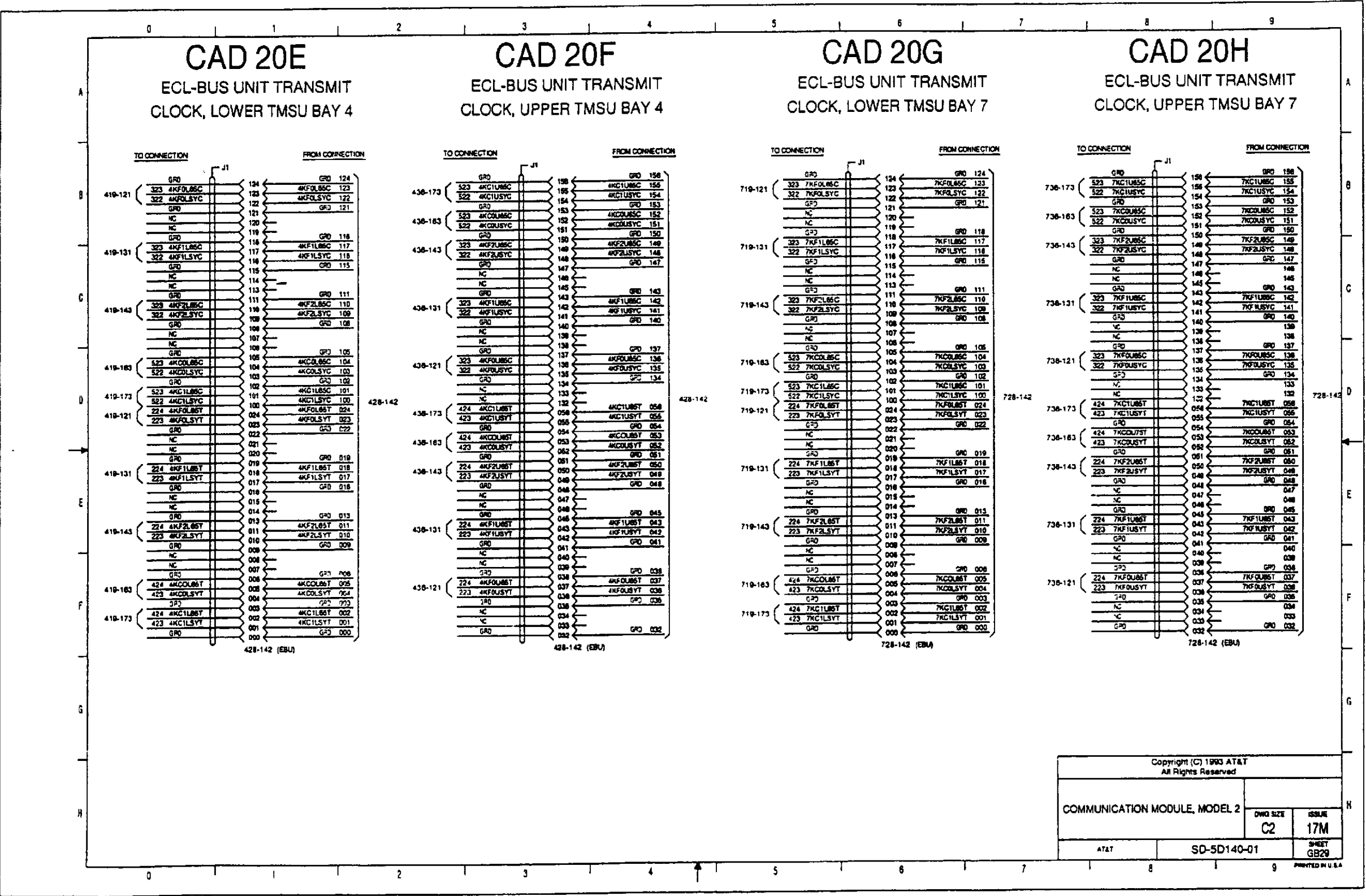


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COMMUNICATION MODULE, MODEL 2		ISSUE
C2		17M
AT&T	SD-SD140-01	SHEET 3325

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B

A

1

5

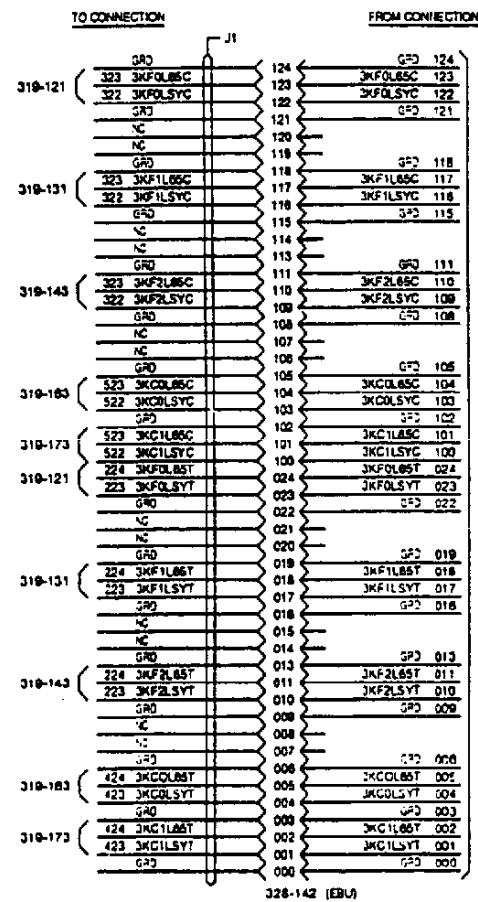
10

A

B

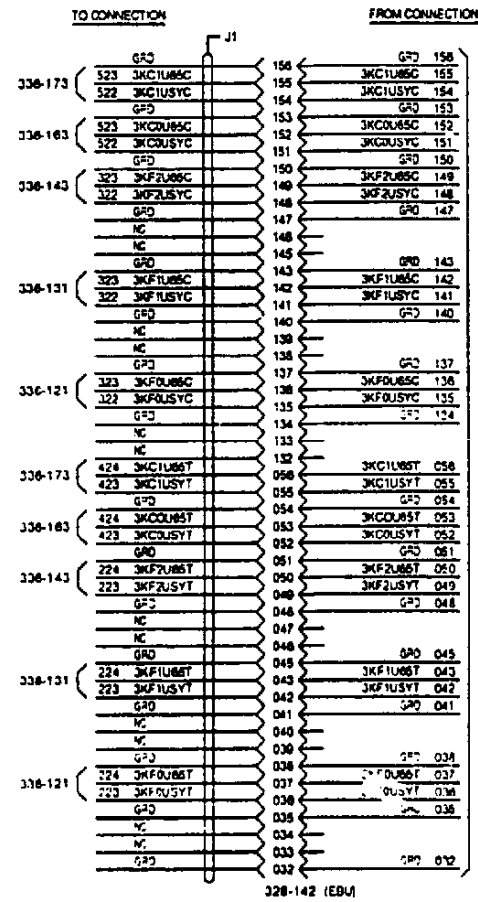
CAD 20J

ECL-BUS UNIT TRANSMIT
CLOCK, LOWER TMSU BAY 3



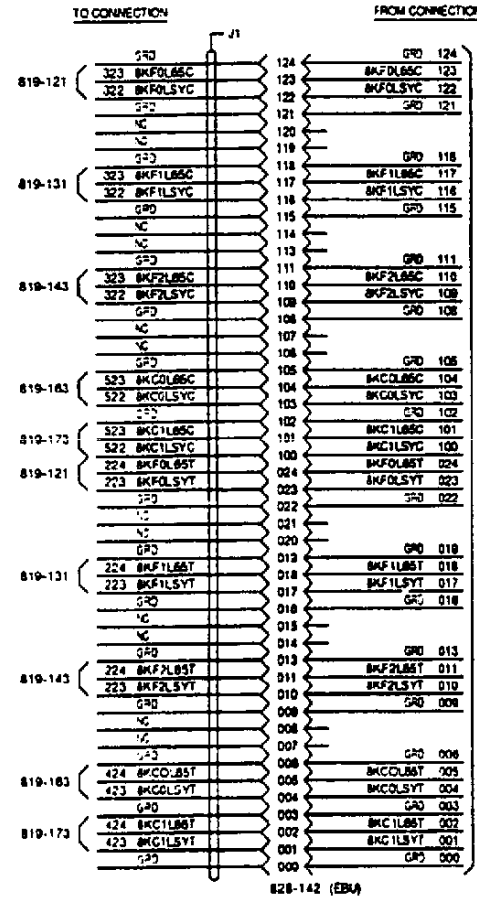
CAD 20K

ECL-BUS UNIT TRANSMIT
CLOCK, UPPER TMSU BAY 3



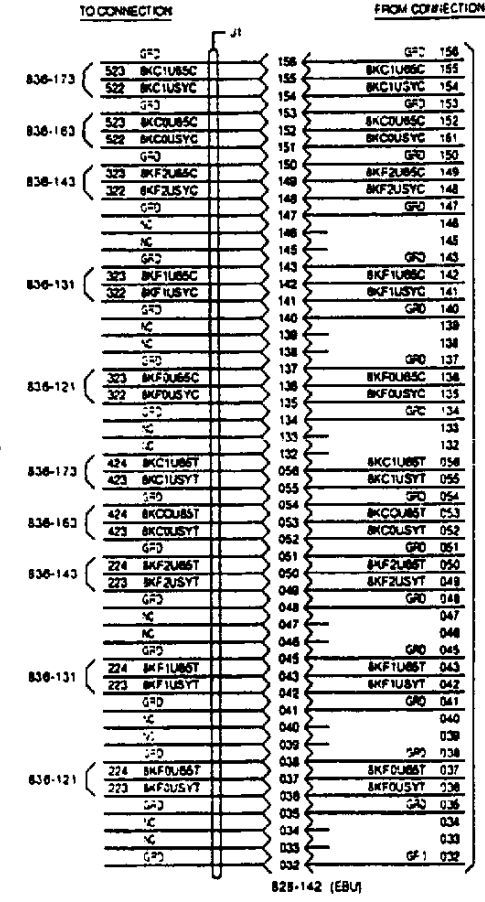
CAD 20L

ECL-BUS UNIT TRANSMIT
CLOCK, LOWER TMSU BAY 8

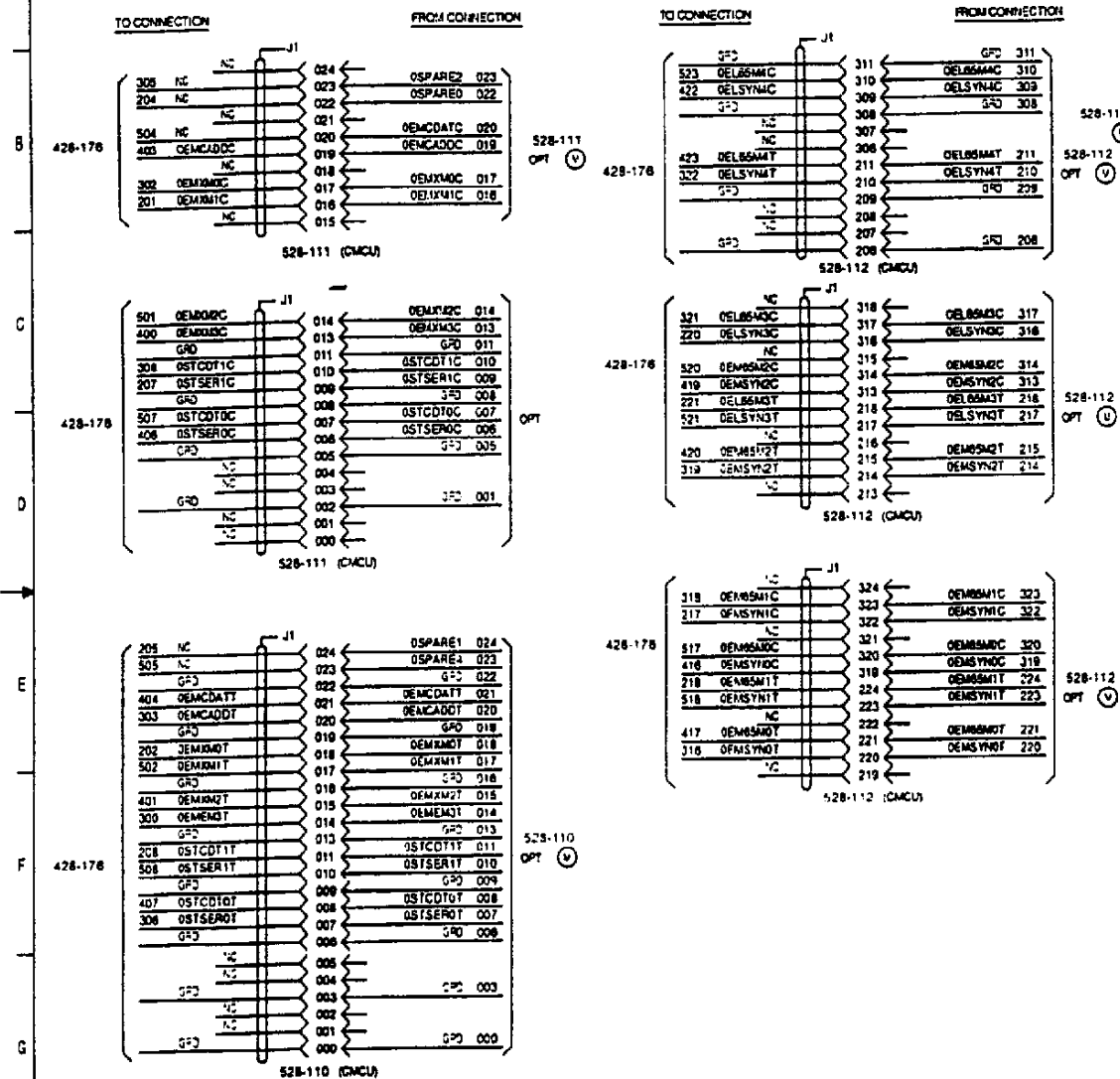


CAD 20M

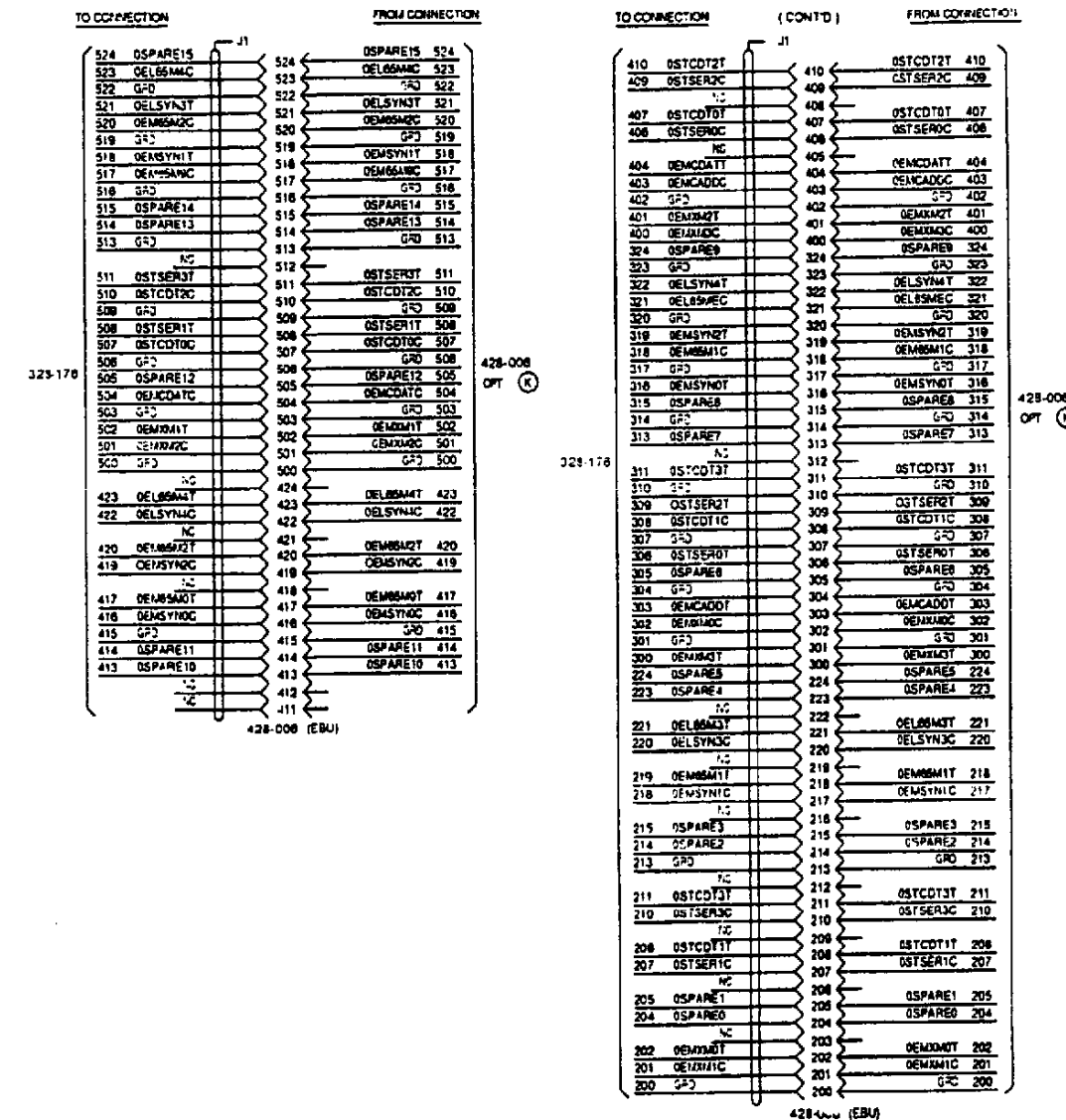
ECL-BUS UNIT TRANSMIT
CLOCK, UPPER TMSU BAY 8



CAD 21A ECL - BUS UNIT CONTROL, BAY 4 TO CMCU BAY 5



CAD 21B ECL - BUS UNIT CONTROL AND RETURN FROM PREVIOUS EBU



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COMMUNICATION MODULE, MODEL 2

AT&T SD-5D140-01

DWG SIZE C2 ISSUE 17M

SHEET 633

CAD 21B (CONT'D)

TO CONNECTION	(CONT'D)	FROM CONNECTION
356 DEKSYN1T	356 DEKSYN1T	356
356 DEKSYN1C	356 DEKSYN1C	356
356 GPO	356 GPO	356
353 OSTCOT1T	353 OSTCOT1T	353
353 OSTCOT1C	353 OSTCOT1C	353
351 GPO	351 GPO	351
350 OSPARE23	350 OSPARE23	350
349 DEKSYN1C	349 DEKSYN1C	349
348 GPO	348 GPO	348
347 DEKSYN1T	347 DEKSYN1T	347
346 DEKSYN1C	346 DEKSYN1C	346
345 GPO	345 GPO	345
NC	NC	NC
343 OSPARE22	343 OSPARE22	343
342 DEKSYN1C	342 DEKSYN1C	342
341 GPO	341 GPO	341
340 DEKSYN1T	340 DEKSYN1T	340
339 DEKSYN1C	339 DEKSYN1C	339
338 GPO	338 GPO	338
337 OSTCOT1T	337 OSTCOT1T	337
336 OSTCOT1C	336 OSTCOT1C	336
335 GPO	335 GPO	335
334 OSTCOT1T	334 OSTCOT1T	334
333 OSTCOT1C	333 OSTCOT1C	333
332 GPO	332 GPO	332
NC	NC	NC
455 DEKSYN1T	455 DEKSYN1T	455
454 DEKSYN1C	454 DEKSYN1C	454
NC	NC	NC
452 OSTCOT1T	452 OSTCOT1T	452
451 OSTCOT1C	451 OSTCOT1C	451
NC	NC	NC
449 DEKSYN1T	449 DEKSYN1T	449
448 DEKSYN1C	448 DEKSYN1C	448
447 GPO	447 GPO	447
446 DEKSYN1T	446 DEKSYN1T	446
445 DEKSYN1C	445 DEKSYN1C	445
NC	NC	NC
442 DEKSYN1T	442 DEKSYN1T	442
441 DEKSYN1C	441 DEKSYN1C	441
NC	NC	NC
439 DEKSYN1T	439 DEKSYN1T	439
438 DEKSYN1C	438 DEKSYN1C	438
NC	NC	NC
436 OSTCOT1T	436 OSTCOT1T	436
435 OSTCOT1C	435 OSTCOT1C	435
434 GPO	434 GPO	434
433 OSTCOT1T	433 OSTCOT1T	433
432 OSTCOT1C	432 OSTCOT1C	432

TO CONNECTION	(CONT'D)	FROM CONNECTION
356 DEKSYN1C	356 DEKSYN1C	356
356 GQ	355 GQ	355
354 DEKSYN0T	354 DEKSYN0T	354
353 OSTCOT3T	353 OSTCOT3T	353
352 GQ	352 GQ	352
351 OSTER1T	351 OSTER1T	351
350 OSPARE2T	350 OSPARE2T	350
349 GQ	349 GQ	349
348 DEKSYN1T	348 DEKSYN1T	348
347 DEKSYN0C	347 DEKSYN0C	347
346 GQ	346 GQ	346
345 DEKSYN0T	345 DEKSYN0T	345
NC		
343 OSPARE20	343 OSPARE20	343
342 GQ	342 GQ	342
341 DECA00T	341 DECA00T	341
340 DE00CQ	340 DE00CQ	340
339 GQ	340 GQ	339
338 DE000T	338 DE000T	338
337 OSTCOT3C	337 OSTCOT3C	337
336 GQ	336 GQ	336
335 OSTER2T	335 OSTER2T	335
334 OSTCOT1C	334 OSTCOT1C	334
333 GQ	333 GQ	333
332 OSTER0T	332 OSTER0T	332
256 DEKSYN1T	332 DEKSYN1T	256
255 DEKSYN1C	332 DEKSYN1C	255
NC		
253 OSTCOT3T	254 OSTCOT3T	253
252 OSTER0C	252 OSTER0C	252
NC		
250 OSPARE10	251 OSPARE10	250
247 OSPARE10	250 OSPARE10	248
NC		
247 DEKSYN0T	248 DEKSYN0T	247
246 DEKSYN0C	247 DEKSYN0C	246
245 GQ	246 GQ	245
NC		
243 OSPARE1T	244 OSPARE1T	243
242 OSPARE10	243 OSPARE10	242
NC		
240 DE000T	241 DE000T	240
236 DE001C	240 DE001C	236
NC		
237 OSTCOT3T	238 OSTCOT3T	237
236 OSTER0C	237 OSTER0C	236
NC		
234 OSTCOT1T	235 OSTCOT1T	234
233 OSTER1C	234 OSTER1C	233
232 GQ	233 GQ	232

328-178 (ENL)

CAD 21B (CONT'D)

TO CONNECTION	(CONT'D)	FROM CONNECTION
558 DEPO001T	558 DEPO001T 558	
558 DEPO002C	558 DEPO002C 558	
554 GRD	554 GRD 554	
553 DEPO005T	553 DEPO005T 553	
552 DEPO006C	552 DEPO006C 552	
551 GRD	551 GRD 551	
550 DEPO008T	550 DEPO008T 550	
549 DEPO100C	549 DEPO100C 549	
548 GRD	548 GRD 548	
547 DEPO131T	547 DEPO131T 547	
546 DEPO140C	546 DEPO140C 546	
545 GRD	545 GRD 545	
NC		
543 DEPO177T	543 DEPO177T 543	
542 DEPO180C	542 DEPO180C 542	
541 GRD	541 GRD 541	
540 DEPO211T	540 DEPO211T 540	
539 DEPO220C	539 DEPO220C 539	
538 GRD	538 GRD 538	
537 DEPO257T	537 DEPO257T 537	
536 DEPO260C	536 DEPO260C 536	
535 GRD	535 GRD 535	
534 DEPO297T	534 DEPO297T 534	
533 DEPO300C	533 DEPO300C 533	
532 GRD	532 GRD 532	
NC		
455 DEPO002T	455 DEPO002T 455	
454 DEPO003C	454 DEPO003C 454	
NC		
452 DEPO006T	452 DEPO006T 452	
451 DEPO070C	451 DEPO070C 451	
NC		
449 DEPO107T	449 DEPO107T 449	
448 DEPO110C	448 DEPO110C 448	
447 GRD	447 GRD 447	
446 DEPO147T	446 DEPO147T 446	
445 DEPO150C	445 DEPO150C 445	
NC		
NC		
442 DEPO187T	442 DEPO187T 442	
441 DEPO190C	441 DEPO190C 441	
NC		
439 DEPO227T	439 DEPO227T 439	
438 DEPO230C	438 DEPO230C 438	
NC		
436 DEPO267T	436 DEPO267T 436	
435 DEPO270C	435 DEPO270C 435	
434 GRD	434 GRD 434	
433 DEPO307T	433 DEPO307T 433	
432 DEPO310C	432 DEPO310C 432	

328-170 (EBU)

TO CONNECTION	(CONT'D)	FROM CONNECTION
358 DEPO000C	358 DEPO000C 358	
355 GRD	355 GRD 355	
354 DEPO003T	354 DEPO003T 354	
353 DEPO004C	353 DEPO004C 353	
352 GRD	352 GRD 352	
351 DEPO007T	351 DEPO007T 351	
350 DEPO008C	350 DEPO008C 350	
349 GRD	349 GRD 349	
348 DEPO111T	348 DEPO111T 348	
347 DEPO120C	347 DEPO120C 347	
346 GRD	346 GRD 346	
345 DEPO157T	345 DEPO157T 345	
NC		
343 DEPO180C	343 DEPO180C 343	
342 GRD	342 GRD 342	
341 DEPO197T	341 DEPO197T 341	
340 DEPO200C	340 DEPO200C 340	
339 GRD	339 GRD 339	
338 DEPO237T	338 DEPO237T 338	
337 DEPO240C	337 DEPO240C 337	
336 GRD	336 GRD 336	
335 DEPO277T	335 DEPO277T 335	
334 DEPO280C	334 DEPO280C 334	
333 GRD	333 GRD 333	
332 DEPO311T	332 DEPO311T 332	
331 DEPO300T	331 DEPO300T 331	
330 DEPO001C	330 DEPO001C 330	
NC		
253 DEPO004T	253 DEPO004T 253	
252 DEPO005C	252 DEPO005C 252	
NC		
250 DEPO007T	250 DEPO007T 250	
249 DEPO008C	249 DEPO008C 249	
NC		
247 DEPO127T	247 DEPO127T 247	
246 DEPO130C	246 DEPO130C 246	
245 GRD	245 GRD 245	
NC		
243 DEPO167T	243 DEPO167T 243	
242 DEPO170C	242 DEPO170C 242	
NC		
240 DEPO207T	240 DEPO207T 240	
239 DEPO210C	239 DEPO210C 239	
NC		
237 DEPO247T	237 DEPO247T 237	
236 DEPO250C	236 DEPO250C 236	
NC		
234 DEPO287T	234 DEPO287T 234	
233 DEPO290C	233 DEPO290C 233	
232 GRD	232 GRD 232	

328-170 (EBU)

TO CONNECTION	(CONT'D)	FROM CONNECTION
558 DEPO001T	558 DEPO001T 558	
555 DEPO002C	555 DEPO002C 555	
554 GRD	554 GRD 554	
553 DEPO005T	553 DEPO005T 553	
552 DEPO006C	552 DEPO006C 552	
551 GRD	551 GRD 551	
550 DEPO008T	550 DEPO008T 550	
549 DEPO100C	549 DEPO100C 549	
548 GRD	548 GRD 548	
547 DEPO137T	547 DEPO137T 547	
546 DEPO140C	546 DEPO140C 546	
545 GRD	545 GRD 545	
NC		
543 DEPO177T	543 DEPO177T 543	
542 DEPO180C	542 DEPO180C 542	
541 GRD	541 GRD 541	
540 DEPO217T	540 DEPO217T 540	
539 DEPO220C	539 DEPO220C 539	
538 GRD	538 GRD 538	
537 DEPO257T	537 DEPO257T 537	
536 DEPO260C	536 DEPO260C 536	
535 GRD	535 GRD 535	
534 DEPO297T	534 DEPO297T 534	
533 DEPO300C	533 DEPO300C 533	
532 GRD	532 GRD 532	
NC		
455 DEPO007T	455 DEPO007T 455	
454 DEPO003C	454 DEPO003C 454	
NC		
452 DEPO006T	452 DEPO006T 452	
451 DEPO070C	451 DEPO070C 451	
NC		
449 DEPO107T	449 DEPO107T 449	
448 DEPO110C	448 DEPO110C 448	
447 GRD	447 GRD 447	
446 DEPO147T	446 DEPO147T 446	
445 DEPO150C	445 DEPO150C 445	
NC		
NC		
442 DEPO187T	442 DEPO187T 442	
441 DEPO190C	441 DEPO190C 441	
NC		
439 DEPO227T	439 DEPO227T 439	
438 DEPO230C	438 DEPO230C 438	
NC		
436 DEPO267T	436 DEPO267T 436	
435 DEPO270C	435 DEPO270C 435	
434 GRD	434 GRD 434	
433 DEPO307T	433 DEPO307T 433	
432 DEPO310C	432 DEPO310C 432	

328-184 (EBU)

TO CONNECTION	(CONT'D)	FROM CONNECTION
358 DEPO000C	358 DEPO000C 358	
355 GRD	355 GRD 355	
354 DEPO003T	354 DEPO003T 354	
353 DEPO004C	353 DEPO004C 353	
352 GRD	352 GRD 352	
351 DEPO007T	351 DEPO007T 351	
350 DEPO008C	350 DEPO008C 350	
349 GRD	349 GRD 349	
348 DEPO111T	348 DEPO111T 348	
347 DEPO120C	347 DEPO120C 347	
346 GRD	346 GRD 346	
345 DEPO157T	345 DEPO157T 345	
NC		
343 DEPO180C	343 DEPO180C 343	
342 GRD	342 GRD 342	
341 DEPO197T	341 DEPO197T 341	
340 DEPO200C	340 DEPO200C 340	
339 GRD	339 GRD 339	
338 DEPO237T	338 DEPO237T 338	
337 DEPO240C	337 DEPO240C 337	
336 GRD	336 GRD 336	
335 DEPO277T	335 DEPO277T 335	
334 DEPO280C	334 DEPO280C 334	
333 GRD	333 GRD 333	
332 DEPO311T	332 DEPO311T 332	
331 DEPO300T	331 DEPO300T 331	
330 DEPO001C	330 DEPO001C 330	
NC		
253 DEPO004T	253 DEPO004T 253	
252 DEPO005C	252 DEPO005C 252	
NC		
250 DEPO007T	250 DEPO007T 250	
249 DEPO008C	249 DEPO008C 249	
NC		
247 DEPO127T	247 DEPO127T 247	
246 DEPO130C	246 DEPO130C 246	
245 GRD	245 GRD 245	
NC		
243 DEPO167T	243 DEPO167T 243	
242 DEPO170C	242 DEPO170C 242	
NC		
240 DEPO207T	240 DEPO207T 240	
239 DEPO210C	239 DEPO210C 239	
NC		
237 DEPO247T	237 DEPO247T 237	
236 DEPO250C	236 DEPO250C 236	
NC		
234 DEPO287T	234 DEPO287T 234	
233 DEPO290C	233 DEPO290C 233	
232 GRD	232 GRD 232	

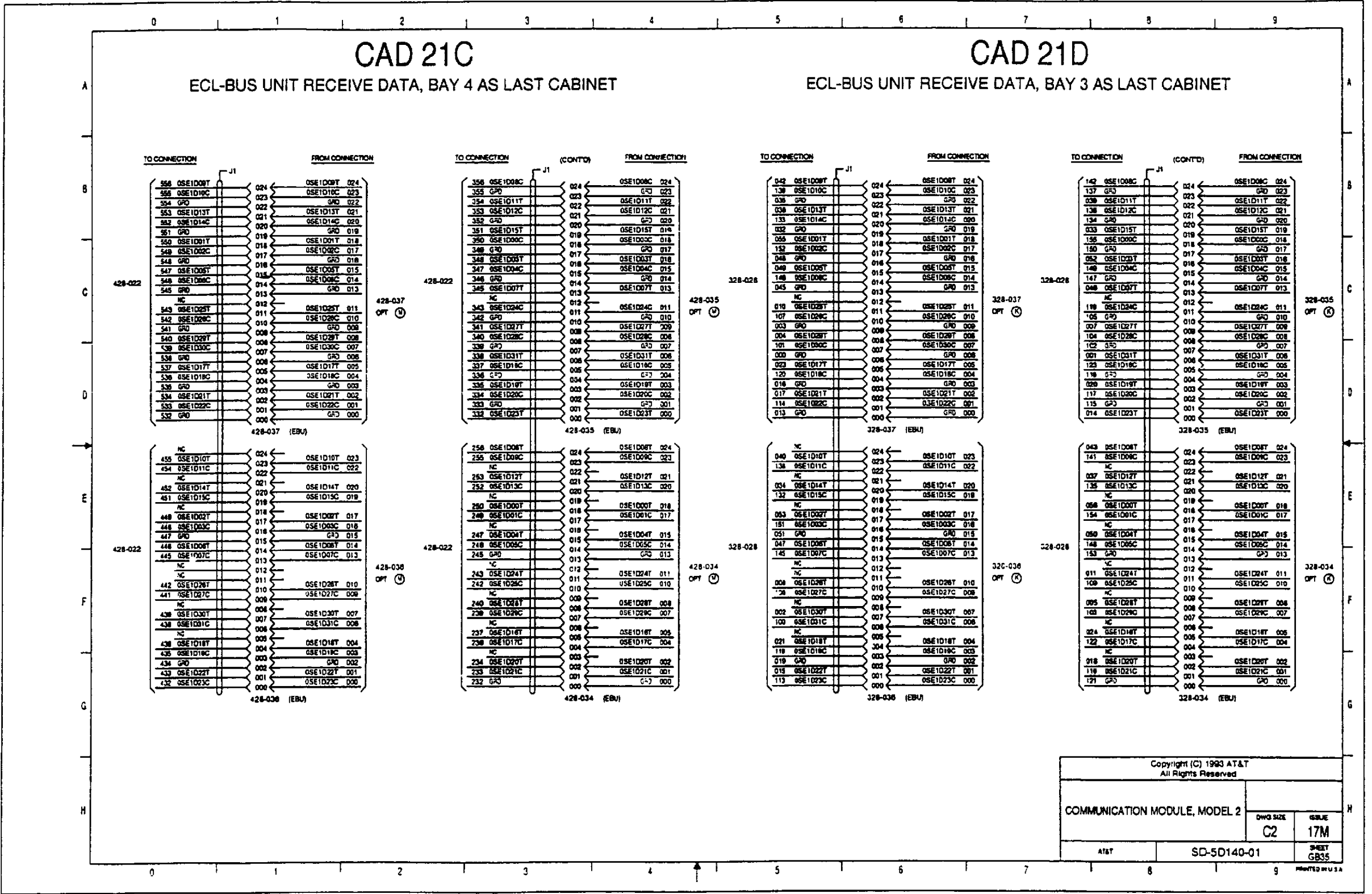
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CAD 21B (CONT'D)

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION	
556 DEP2001T	556	DEP2001T	556	356 DEP2000C	356	DEP2000C	356	224 OSE1008T	024	OSE1008T	024	423 OSE1010T	024	OSE1010T	024	524 OSE1008T	024	OSE1008T	024
555 DEP2000C	555	DEP2000C	555	355 GND	355	GND	355	223 OSE1008C	023	OSE1008C	023	422 OSE1010C	023	OSE1010C	023	523 OSE1010C	023	OSE1010C	023
554 GND	554	GND	554	354 DEP2001T	354	DEP2001T	354	222 OSE1011T	022	OSE1011T	022	421 OSE1011C	022	OSE1011C	022	522 GND	022	GND	022
553 DEP2000T	553	DEP2000T	553	353 DEP2000C	353	DEP2000C	353	221 OSE1012T	021	OSE1012T	021	420 OSE1011T	021	OSE1011T	021	521 OSE1011C	021	OSE1011C	021
552 DEP2000C	552	DEP2000C	552	352 GND	352	GND	352	220 OSE1013C	020	OSE1013C	020	419 OSE1012T	020	OSE1012T	020	520 OSE1012C	020	OSE1012C	020
551 GND	551	GND	551	351 DEP2001T	351	DEP2001T	351	219 OSE1013T	019	OSE1013T	019	418 OSE1012C	019	OSE1012C	019	519 GND	019	GND	019
550 DEP2000T	550	DEP2000T	550	350 DEP2000C	350	DEP2000C	350	218 OSE1000T	018	OSE1000T	018	417 OSE1011T	018	OSE1011T	018	518 OSE1011C	018	OSE1011C	018
549 DEP2010C	549	DEP2010C	549	349 GND	349	GND	349	217 OSE1001C	017	OSE1001C	017	416 OSE1010C	017	OSE1010C	017	517 OSE1010T	017	OSE1010T	017
548 GND	548	GND	548	348 DEP2011T	348	DEP2011T	348	216 OSE1001T	016	OSE1001T	016	415 GND	016	GND	016	516 OSE1009C	016	OSE1009C	016
547 DEP2013T	547	DEP2013T	547	347 DEP2012C	347	DEP2012C	347	215 OSE1000C	015	OSE1000C	015	414 OSE1008T	015	OSE1008T	015	515 OSE1008T	015	OSE1008T	015
546 DEP2014C	546	DEP2014C	546	346 GND	346	GND	346	214 OSE1009C	014	OSE1009C	014	413 OSE1007C	014	OSE1007C	014	514 OSE1008C	014	OSE1008C	014
545 GND	545	GND	545	345 DEP2018T	345	DEP2018T	345	213 GND	013	GND	013	412 OSE1007T	013	OSE1007T	013	513 GND	013	GND	013
544 NC	544	NC	544	344 NC	344	NC	344	212 OSE1024T	012	OSE1024T	012	411 OSE1026T	012	OSE1026T	012	512 OSE1025T	012	OSE1025T	012
543 DEP2017T	543	DEP2017T	543	343 DEP2018C	343	DEP2018C	343	211 OSE1024T	011	OSE1024T	011	410 OSE1026C	011	OSE1026C	011	511 OSE1026T	011	OSE1026T	011
542 DEP2018C	542	DEP2018C	542	342 GND	342	GND	342	210 OSE1025C	010	OSE1025C	010	409 OSE1027C	010	OSE1027C	010	510 OSE1026C	010	OSE1026C	010
541 GND	541	GND	541	341 DEP2018T	341	DEP2018T	341	209 OSE1025T	009	OSE1025T	009	408 OSE1027T	009	OSE1027T	009	509 GND	009	GND	009
540 DEP2021T	540	DEP2021T	540	340 DEP2020C	340	DEP2020C	340	208 OSE1026T	008	OSE1026T	008	407 OSE1027C	008	OSE1027C	008	508 OSE1027T	008	OSE1027T	008
539 DEP2022C	539	DEP2022C	539	339 GND	339	GND	339	207 OSE1026C	007	OSE1026C	007	406 OSE1027T	007	OSE1027T	007	507 OSE1027C	007	OSE1027C	007
538 GND	538	GND	538	338 DEP2023T	338	DEP2023T	338	206 OSE1026T	006	OSE1026T	006	405 OSE1027C	006	OSE1027C	006	506 GND	006	GND	006
537 DEP2025T	537	DEP2025T	537	337 DEP2024C	337	DEP2024C	337	205 OSE1018T	005	OSE1018T	005	404 OSE1027T	005	OSE1027T	005	505 OSE1027T	005	OSE1027T	005
536 DEP2026C	536	DEP2026C	536	336 GND	336	GND	336	204 OSE1017C	004	OSE1017C	004	403 OSE1027T	004	OSE1027T	004	504 OSE1027T	004	OSE1027T	004
535 GND	535	GND	535	335 DEP2027T	335	DEP2027T	335	203 OSE1020T	003	OSE1020T	003	402 GND	003	GND	003	503 GND	003	GND	003
534 DEP2028T	534	DEP2028T	534	334 DEP2028C	334	DEP2028C	334	202 OSE1020T	002	OSE1020T	002	401 OSE1022T	002	OSE1022T	002	502 OSE1022T	002	OSE1022T	002
533 DEP2030C	533	DEP2030C	533	333 GND	333	GND	333	201 OSE1021C	001	OSE1021C	001	400 OSE1023C	001	OSE1023C	001	501 OSE1022C	001	OSE1022C	001
532 GND	532	GND	532	332 DEP2031T	332	DEP2031T	332	200 GND	000	GND	000	399 GND	000	GND	000	500 GND	000	GND	000
531 NC	531	NC	531	331 DEP2031T	331	DEP2031T	331	428-034 (EBU)				428-036 (EBU)				428-037 (EBU)			
530 DEP2032T	530	DEP2032T	530	330 DEP2032C	330	DEP2032C	330												
529 DEP2033C	529	DEP2033C	529	329 GND	329	GND	329												
528 GND	528	GND	528	328 DEP2034T	328	DEP2034T	328												
527 DEP2035T	527	DEP2035T	527	327 DEP2035C	327	DEP2035C	327												
526 GND	526	GND	526	326 GND	326	GND	326												
525 DEP2036T	525	DEP2036T	525	325 DEP2036C	325	DEP2036C	325												
524 GND	524	GND	524	324 GND	324	GND	324												
523 DEP2037T	523	DEP2037T	523	323 GND	323	GND	323												
522 DEP2038C	522	DEP2038C	522	322 GND	322	GND	322												
521 GND	521	GND	521	321 GND	321	GND	321												
520 DEP2039T	520	DEP2039T	520	320 GND	320	GND	320												
519 GND	519	GND	519	319 GND	319	GND	319												
518 DEP2040T	518	DEP2040T	518	318 GND	318	GND	318												
517 GND	517	GND	517	317 GND	317	GND	317												
516 DEP2041C	516	DEP2041C	516	316 GND	316	GND	316												
515 GND	515	GND	515	315 GND	315	GND	315												
514 DEP2042T	514	DEP2042T	514	314 GND	314	GND	314												
513 GND	513	GND	513	313 GND	313	GND	313												
512 NC	512	NC	512	312 GND	312	GND	312												
511 DEP2043T	511	DEP2043T	511	311 GND	311	GND	311												
510 GND	510	GND	510	310 GND	310	GND	310												
509 DEP2044C	509	DEP2044C	509	309 GND	309	GND	309												
508 GND	508	GND	508	308 GND	308	GND	308												
507 DEP2045T	507	DEP2045T	507	307 GND	307	GND	307												
506 GND	506	GND	506	306 GND	306	GND	306												
505 DEP2046C	505	DEP2046C	505	305 GND	305	GND	305												
504 GND	504	GND	504	304 GND	304	GND	304												
503 DEP2047T	503	DEP2047T	503	303 GND	303	GND	303												
502 GND	502	GND	502	302 GND	302	GND	302												
501 DEP2048C	501	DEP2048C	501	301 GND	301	GND	301												
500 GND	500	GND	500	300 GND	300	GND	300												



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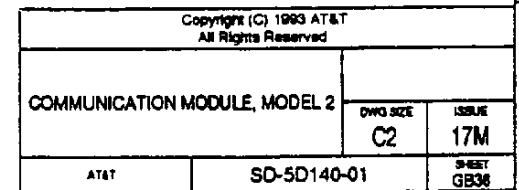
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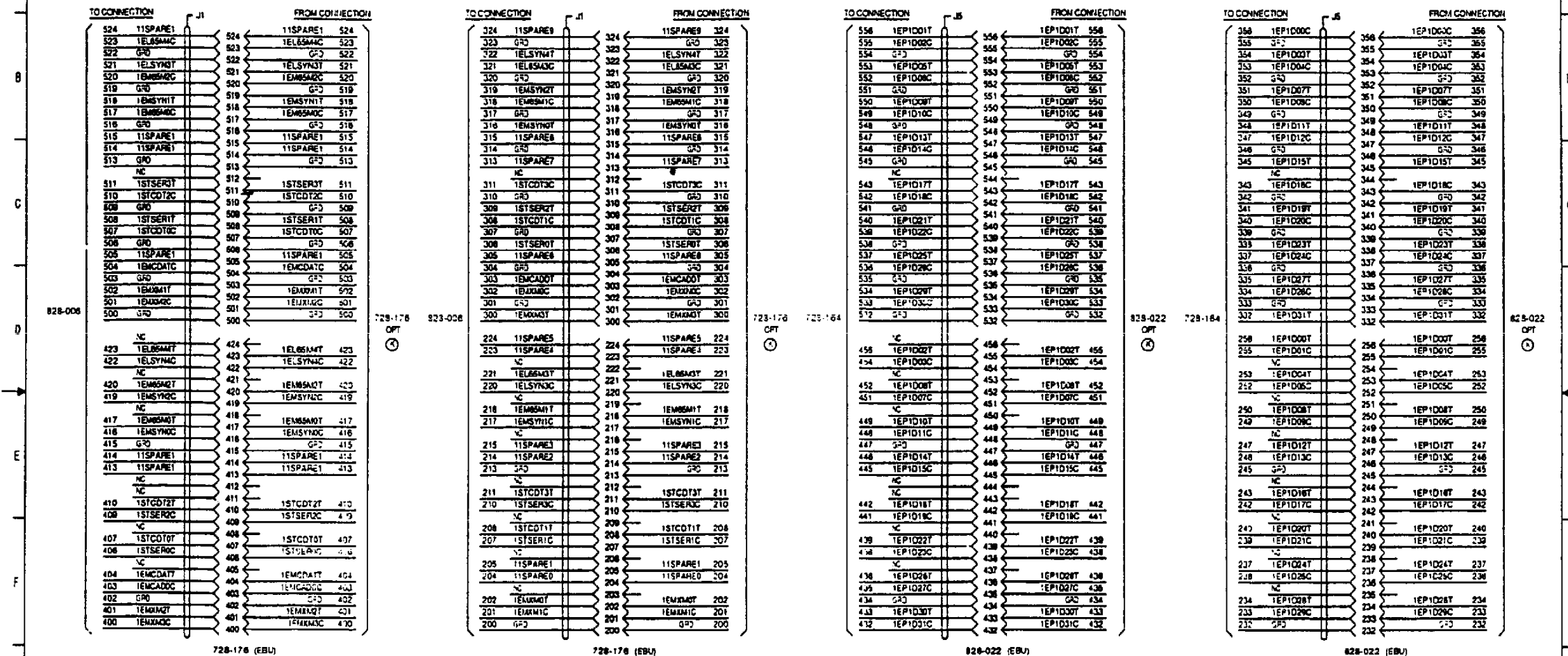
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ECL-BUS UNIT CONTROL, BAY 7 TO CMCU BAY 6



CAD 21F

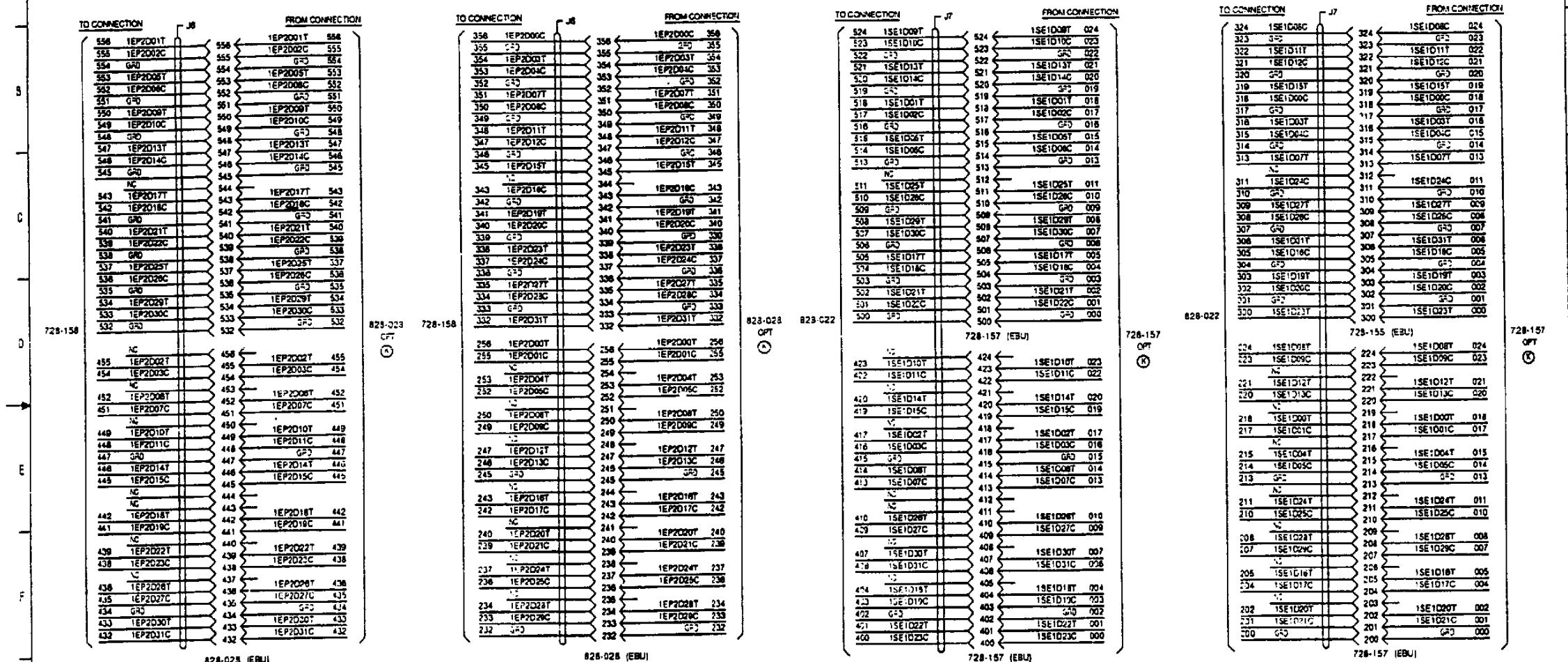
ECL-BUS UNIT CONTROL AND RETURN FROM PREVIOUS EBU



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ECL-BUS UNIT CONTROL AND RETURN FROM PREVIOUS EBU

TO CONNECTION	FROM CONNECTION
556 1EKSYN1T	556 1EKSYN1T
555 1EKSYN1C	555 1EKSYN1C
554 GND	554 GND
553 1STER3T	553 1STER3T
552 1STCD14C	552 1STCD14C
551 GND	551 GND
550 11SPARE2	550 11SPARE2
549 1EKSYN1C	549 1EKSYN1C
548 GND	548 GND
547 1EKSYN1T	547 1EKSYN1T
546 1EKSYN1C	546 1EKSYN1C
545 GND	545 GND
544 NC	544 NC
543 11SPARE2	543 11SPARE2
542 1ECDA1C	542 1ECDA1C
541 GND	541 GND
540 1EXM1T	540 1EXM1T
539 1EXM1C	539 1EXM1C
538 GND	538 GND
537 1STER3T	537 1STER3T
536 1STCD12C	536 1STCD12C
535 GND	535 GND
534 1STER1T	534 1STER1T
533 1STCD10C	533 1STCD10C
532 GND	532 GND
531 NC	531 NC
530 1EKSYN1T	530 1EKSYN1T
529 1EKSYN1C	529 1EKSYN1C
528 GND	528 GND
527 1STCD11T	527 1STCD11T
526 1STCD11C	526 1STCD11C
525 GND	525 GND
524 1STER0T	524 1STER0T
523 1STER0C	523 1STER0C
522 GND	522 GND
521 NC	521 NC
520 1EKSYN1T	520 1EKSYN1T
519 1EKSYN1C	519 1EKSYN1C
518 GND	518 GND
517 1STCD11T	517 1STCD11T
516 1STCD11C	516 1STCD11C
515 GND	515 GND
514 1STER0T	514 1STER0T
513 1STER0C	513 1STER0C
512 GND	512 GND
511 NC	511 NC
510 1EKSYN1T	510 1EKSYN1T
509 1EKSYN1C	509 1EKSYN1C
508 GND	508 GND
507 1STCD11T	507 1STCD11T
506 1STCD11C	506 1STCD11C
505 GND	505 GND
504 1STER0T	504 1STER0T
503 1STER0C	503 1STER0C
502 GND	502 GND
501 NC	501 NC
500 1EKSYN1T	500 1EKSYN1T
499 1EKSYN1C	499 1EKSYN1C
498 GND	498 GND
497 1STCD11T	497 1STCD11T
496 1STCD11C	496 1STCD11C
495 GND	495 GND
494 1STER0T	494 1STER0T
493 1STER0C	493 1STER0C
492 GND	492 GND
491 NC	491 NC
490 1EKSYN1T	490 1EKSYN1T
489 1EKSYN1C	489 1EKSYN1C
488 GND	488 GND
487 1STCD11T	487 1STCD11T
486 1STCD11C	486 1STCD11C
485 GND	485 GND
484 1STER0T	484 1STER0T
483 1STER0C	483 1STER0C
482 GND	482 GND
481 NC	481 NC
480 1EKSYN1T	480 1EKSYN1T
479 1EKSYN1C	479 1EKSYN1C
478 GND	478 GND
477 1STCD11T	477 1STCD11T
476 1STCD11C	476 1STCD11C
475 GND	475 GND
474 1STER0T	474 1STER0T
473 1STER0C	473 1STER0C
472 GND	472 GND
471 NC	471 NC
470 1EKSYN1T	470 1EKSYN1T
469 1EKSYN1C	469 1EKSYN1C
468 GND	468 GND
467 1STCD11T	467 1STCD11T
466 1STCD11C	466 1STCD11C
465 GND	465 GND
464 1STER0T	464 1STER0T
463 1STER0C	463 1STER0C
462 GND	462 GND
461 NC	461 NC
460 1EKSYN1T	460 1EKSYN1T
459 1EKSYN1C	459 1EKSYN1C
458 GND	458 GND
457 1STCD11T	457 1STCD11T
456 1STCD11C	456 1STCD11C
455 GND	455 GND
454 1STER0T	454 1STER0T
453 1STER0C	453 1STER0C
452 GND	452 GND
451 NC	451 NC
450 1EKSYN1T	450 1EKSYN1T
449 1EKSYN1C	449 1EKSYN1C
448 GND	448 GND
447 1STCD11T	447 1STCD11T
446 1STCD11C	446 1STCD11C
445 GND	445 GND
444 1STER0T	444 1STER0T
443 1STER0C	443 1STER0C
442 GND	442 GND
441 NC	441 NC
440 1EKSYN1T	440 1EKSYN1T
439 1EKSYN1C	439 1EKSYN1C
438 GND	438 GND
437 1STCD11T	437 1STCD11T
436 1STCD11C	436 1STCD11C
435 GND	435 GND
434 1STER0T	434 1STER0T
433 1STER0C	433 1STER0C
432 GND	432 GND

828-008 (EBU)

TO CONNECTION	FROM CONNECTION
356 1EKSYN1T	356 1EKSYN1T
355 1EKSYN1C	355 1EKSYN1C
354 GND	354 GND
353 1STER3T	353 1STER3T
352 1STCD14C	352 1STCD14C
351 GND	351 GND
350 11SPARE2	350 11SPARE2
349 1EKSYN1C	349 1EKSYN1C
348 GND	348 GND
347 1EKSYN1T	347 1EKSYN1T
346 1EKSYN1C	346 1EKSYN1C
345 GND	345 GND
344 NC	344 NC
343 11SPARE2	343 11SPARE2
342 1ECDA1C	342 1ECDA1C
341 GND	341 GND
340 1EXM1T	340 1EXM1T
339 1EXM1C	339 1EXM1C
338 GND	338 GND
337 1STER3T	337 1STER3T
336 1STCD12C	336 1STCD12C
335 GND	335 GND
334 1STER1T	334 1STER1T
333 1STCD10C	333 1STCD10C
332 GND	332 GND
331 NC	331 NC
330 1EKSYN1T	330 1EKSYN1T
329 1EKSYN1C	329 1EKSYN1C
328 GND	328 GND
327 1STCD11T	327 1STCD11T
326 1STCD11C	326 1STCD11C
325 GND	325 GND
324 1STER0T	324 1STER0T
323 1STER0C	323 1STER0C
322 GND	322 GND
321 NC	321 NC
320 1EKSYN1T	320 1EKSYN1T
319 1EKSYN1C	319 1EKSYN1C
318 GND	318 GND
317 1STCD11T	317 1STCD11T
316 1STCD11C	316 1STCD11C
315 GND	315 GND
314 1STER0T	314 1STER0T
313 1STER0C	313 1STER0C
312 GND	312 GND
311 NC	311 NC
310 1EKSYN1T	310 1EKSYN1T
309 1EKSYN1C	309 1EKSYN1C
308 GND	308 GND
307 1STCD11T	307 1STCD11T
306 1STCD11C	306 1STCD11C
305 GND	305 GND
304 1STER0T	304 1STER0T
303 1STER0C	303 1STER0C
302 GND	302 GND
301 NC	301 NC
300 1EKSYN1T	300 1EKSYN1T
299 1EKSYN1C	299 1EKSYN1C
298 GND	298 GND
297 1STCD11T	297 1STCD11T
296 1STCD11C	296 1STCD11C
295 GND	295 GND
294 1STER0T	294 1STER0T
293 1STER0C	293 1STER0C
292 GND	292 GND
291 NC	291 NC
290 1EKSYN1T	290 1EKSYN1T
289 1EKSYN1C	289 1EKSYN1C
288 GND	288 GND
287 1STCD11T	287 1STCD11T
286 1STCD11C	286 1STCD11C
285 GND	285 GND
284 1STER0T	284 1STER0T
283 1STER0C	283 1STER0C
282 GND	282 GND
281 NC	281 NC
280 1EKSYN1T	280 1EKSYN1T
279 1EKSYN1C	279 1EKSYN1C
278 GND	278 GND
277 1STCD11T	277 1STCD11T
276 1STCD11C	276 1STCD11C
275 GND	275 GND
274 1STER0T	274 1STER0T
273 1STER0C	273 1STER0C
272 GND	272 GND
271 NC	271 NC
270 1EKSYN1T	270 1EKSYN1T
269 1EKSYN1C	269 1EKSYN1C
268 GND	268 GND
267 1STCD11T	267 1STCD11T
266 1STCD11C	266 1STCD11C
265 GND	265 GND
264 1STER0T	264 1STER0T
263 1STER0C	263 1STER0C
262 GND	262 GND
261 NC	261 NC
260 1EKSYN1T	260 1EKSYN1T
259 1EKSYN1C	259 1EKSYN1C
258 GND	258 GND
257 1STCD11T	257 1STCD11T
256 1STCD11C	256 1STCD11C
255 GND	255 GND
254 1STER0T	254 1STER0T
253 1STER0C	253 1STER0C
252 GND	252 GND
251 NC	251 NC
250 1EKSYN1T	250 1EKSYN1T
249 1EKSYN1C	249 1EKSYN1C
248 GND	248 GND
247 1STCD11T	247 1STCD11T
246 1STCD11C	246 1STCD11C
245 GND	245 GND
244 1STER0T	244 1STER0T
243 1STER0C	243 1STER0C
242 GND	242 GND
241 NC	241 NC
240 1EKSYN1T	240 1EKSYN1T
239 1EKSYN1C	239 1EKSYN1C
238 GND	238 GND
237 1STCD11T	237 1STCD11T
236 1STCD11C	236 1STCD11C
235 GND	235 GND
234 1STER0T	234 1STER0T
233 1STER0C	233 1STER0C
232 GND	232 GND

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TO CONNECTION	FROM CONNECTION
524 1SE000T	524 1SE000T
523 1SE001C	523 1SE001C
522 GND	522 GND
521 1SE001T	521 1SE001T
520 1SE001C	520 1SE001C
519 GND	519 GND
518 1SE001T	518 1SE001T
517 1SE001C	517 1SE001C
516 GND	516 GND
515 1SE001T	515 1SE001T
514 1SE001C	514 1SE001C
513 GND	513 GND
512 NC	512 NC
511 1SE001T	511 1SE001T
510 1SE001C	510 1SE001C
509 GND	509 GND
508 1SE001T	508 1SE001T
507 1SE001C	507 1SE001C
506 GND	506 GND
505 1SE001T	505 1SE001T
504 1SE001C	504 1SE001C
503 GND	503 GND
502 1SE001T	502 1SE001T
501 1SE001C	501 1SE001C
500 GND	500 GND
499 NC	499 NC
498 1SE001T	498 1SE001T
497 1SE001C	497 1SE001C
496 GND	496 GND
495 1SE001T	495 1SE001T
494 1SE001C	494 1SE001C
493 GND	493 GND
492 1SE001T	492 1SE001T
491 1SE001C	491 1SE001C
490 GND	490 GND
489 NC	489 NC
488 1SE001T	488 1SE001T
487 1SE001C	487 1SE001C
486 GND	486 GND
485 1SE001T	485 1SE001T
484 1SE001C	484 1SE001C
483 GND	483 GND
482 1SE001T	482 1SE001T
481 1SE001C	481 1SE001C
480 GND	480 GND
479 NC	479 NC
478 1SE001T	478 1SE001T
477 1SE001C	477 1SE001C
476 GND	476 GND
475 1SE001T	475 1SE001T
474 1SE001C	474 1SE001C
473 GND	473 GND
472 1SE001T	472 1SE001T
471 1SE001C	471 1SE001C
470 GND	470 GND
469 NC	469 NC
468 1SE001T	468 1SE001T
467 1SE001C	467 1SE001C
466 GND	466 GND
465 1SE001T	465 1SE001T
464 1SE001C	464 1SE001C
463 GND	463 GND
462 1SE001T	462 1SE001T
461 1SE001C	461 1SE001C
460 GND	460 GND

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TO CONNECTION	FROM CONNECTION
324 1SE000T	324 1SE000T
323 1SE001C	323 1SE001C
322 GND	322 GND
321 1SE001T	321 1SE001T
320 1SE001C	320 1SE001C
319 GND	319 GND
318 1SE001T	318 1SE001T
317 1SE001C	317 1SE001C
316 GND	316 GND
315 1SE001T	315 1SE001T
314 1SE001C	314 1SE001C
313 GND	313 GND
312 NC	312 NC
311 1SE001T	311 1SE001T
310 1SE001C	310 1SE001C
309 GND	309 GND
308 1SE001T	308 1SE001T
307 1SE001C	307 1SE001C
306 GND	306 GND
305 1SE001T	305 1SE001T
304 1SE001C	304 1SE001C
303 GND	303 GND
302 1SE001T	302 1SE001T
301 1SE001C	301 1SE001C
300 GND	300 GND
299 NC	299 NC
298 1SE001T	298 1SE001T
297 1SE001C	297 1SE001C
296 GND	296 GND
295 1SE001T	295 1SE001T
294 1SE001C	294 1SE001C
293 GND	293 GND
292 1SE001T	292 1SE001T
291 1SE001C	291 1SE001C
290 GND	290 GND
289 NC	289 NC
288 1SE001T	288 1SE001T
287 1SE001C	287 1SE001C
286 GND	286 GND
285 1SE001T	285 1SE001T
284 1SE001C	284 1SE001C
283 GND	283 GND
282 1SE001T	282 1SE001T
281 1SE001C	281 1SE001C
280 GND	280 GND
279 NC	279 NC
278 1SE001T	278 1SE001T
277 1SE001C	277 1SE001C
276 GND	276 GND
275 1SE001T	275 1SE001T
274 1SE001C	274 1SE001C
273 GND	273 GND
272 1SE001T	272 1SE001T
271 1SE001C	271 1SE001C
270 GND	270 GND
269 NC	269 NC
268 1SE001T	268 1SE001T
267 1SE001C	267 1SE001C
266 GND	266 GND
265 1SE001T	265 1SE001T
264 1SE001C	264 1SE001C
263 GND	263 GND
262 1SE001T	262 1SE001T
261 1SE001C	261 1SE001C
260 GND	260 GND

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CAD 21F (CONT'D)

ECL-BUS UNIT CONTROL AND RETURN FROM PREVIOUS EBU

TO CONNECTION	FROM CONNECTION
556 1EP0001T	556 1EP0001T 556
555 1EP0002C	555 1EP0002C 555
554 GND	554 GND 554
553 1EP0003T	553 1EP0003T 553
552 1EP0004C	552 1EP0004C 552
551 GND	551 GND 551
550 1EP0005T	550 1EP0005T 550
549 1EP0006C	549 1EP0006C 549
548 GND	548 GND 548
547 1EP0007T	547 1EP0007T 547
546 1EP0008C	546 1EP0008C 546
545 GND	545 GND 545
544	544
543 1EP0009T	543 1EP0009T 543
542 1EP0010C	542 1EP0010C 542
541 GND	541 GND 541
540 1EP0011T	540 1EP0011T 540
539 1EP0012C	539 1EP0012C 539
538 GND	538 GND 538
537 1EP0013T	537 1EP0013T 537
536 1EP0014C	536 1EP0014C 536
535 GND	535 GND 535
534 1EP0015T	534 1EP0015T 534
533 1EP0016C	533 1EP0016C 533
532 GND	532 GND 532
531	531
530 1EP0017T	530 1EP0017T 530
529 1EP0018C	529 1EP0018C 529
528 GND	528 GND 528
527 1EP0019T	527 1EP0019T 527
526 1EP0020C	526 1EP0020C 526
525 GND	525 GND 525
524 1EP0021T	524 1EP0021T 524
523 1EP0022C	523 1EP0022C 523
522 GND	522 GND 522
521 1EP0023T	521 1EP0023T 521
520 1EP0024C	520 1EP0024C 520
519 GND	519 GND 519
518 1EP0025T	518 1EP0025T 518
517 1EP0026C	517 1EP0026C 517
516 GND	516 GND 516
515 1EP0027T	515 1EP0027T 515
514 1EP0028C	514 1EP0028C 514
513 GND	513 GND 513
512 1EP0029T	512 1EP0029T 512
511 1EP0030C	511 1EP0030C 511
510 GND	510 GND 510
509 1EP0031T	509 1EP0031T 509
508 1EP0032C	508 1EP0032C 508
507 GND	507 GND 507
506 1EP0033T	506 1EP0033T 506
505 1EP0034C	505 1EP0034C 505
504 GND	504 GND 504
503 1EP0035T	503 1EP0035T 503
502 1EP0036C	502 1EP0036C 502
501 GND	501 GND 501
500 1EP0037T	500 1EP0037T 500
499 1EP0038C	499 1EP0038C 499
498 GND	498 GND 498
497 1EP0039T	497 1EP0039T 497
496 1EP0040C	496 1EP0040C 496
495 GND	495 GND 495
494 1EP0041T	494 1EP0041T 494
493 1EP0042C	493 1EP0042C 493
492 GND	492 GND 492
491 1EP0043T	491 1EP0043T 491
490 1EP0044C	490 1EP0044C 490
489 GND	489 GND 489
488 1EP0045T	488 1EP0045T 488
487 1EP0046C	487 1EP0046C 487
486 GND	486 GND 486
485 1EP0047T	485 1EP0047T 485
484 1EP0048C	484 1EP0048C 484
483 GND	483 GND 483
482 1EP0049T	482 1EP0049T 482
481 1EP0050C	481 1EP0050C 481
480 GND	480 GND 480
479 1EP0051T	479 1EP0051T 479
478 1EP0052C	478 1EP0052C 478
477 GND	477 GND 477
476 1EP0053T	476 1EP0053T 476
475 1EP0054C	475 1EP0054C 475
474 GND	474 GND 474
473 1EP0055T	473 1EP0055T 473
472 1EP0056C	472 1EP0056C 472
471 GND	471 GND 471
470 1EP0057T	470 1EP0057T 470
469 1EP0058C	469 1EP0058C 469
468 GND	468 GND 468
467 1EP0059T	467 1EP0059T 467
466 1EP0060C	466 1EP0060C 466
465 GND	465 GND 465
464 1EP0061T	464 1EP0061T 464
463 1EP0062C	463 1EP0062C 463
462 GND	462 GND 462
461 1EP0063T	461 1EP0063T 461
460 1EP0064C	460 1EP0064C 460
459 GND	459 GND 459
458 1EP0065T	458 1EP0065T 458
457 1EP0066C	457 1EP0066C 457
456 GND	456 GND 456
455 1EP0067T	455 1EP0067T 455
454 1EP0068C	454 1EP0068C 454
453 GND	453 GND 453
452 1EP0069T	452 1EP0069T 452
451 1EP0070C	451 1EP0070C 451
450 GND	450 GND 450
449 1EP0071T	449 1EP0071T 449
448 1EP0072C	448 1EP0072C 448
447 GND	447 GND 447
446 1EP0073T	446 1EP0073T 446
445 1EP0074C	445 1EP0074C 445
444 GND	444 GND 444
443 1EP0075T	443 1EP0075T 443
442 1EP0076C	442 1EP0076C 442
441 GND	441 GND 441
440 1EP0077T	440 1EP0077T 440
439 1EP0078C	439 1EP0078C 439
438 GND	438 GND 438
437 1EP0079T	437 1EP0079T 437
436 1EP0080C	436 1EP0080C 436
435 GND	435 GND 435
434 1EP0081T	434 1EP0081T 434
433 1EP0082C	433 1EP0082C 433
432 GND	432 GND 432

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TO CONNECTION	FROM CONNECTION
356 1EP0001T	356 1EP0001T 356
355 1EP0002C	355 1EP0002C 355
354 GND	354 GND 354
353 1EP0003T	353 1EP0003T 353
352 1EP0004C	352 1EP0004C 352
351 GND	351 GND 351
350 1EP0005T	350 1EP0005T 350
349 1EP0006C	349 1EP0006C 349
348 GND	348 GND 348
347 1EP0007T	347 1EP0007T 347
346 1EP0008C	346 1EP0008C 346
345 GND	345 GND 345
344 1EP0009T	344 1EP0009T 344
343 1EP0010C	343 1EP0010C 343
342 GND	342 GND 342
341 1EP0011T	341 1EP0011T 341
340 1EP0012C	340 1EP0012C 340
339 GND	339 GND 339
338 1EP0013T	338 1EP0013T 338
337 1EP0014C	337 1EP0014C 337
336 GND	336 GND 336
335 1EP0015T	335 1EP0015T 335
334 1EP0016C	334 1EP0016C 334
333 GND	333 GND 333
332 1EP0017T	332 1EP0017T 332
331 1EP0018C	331 1EP0018C 331
330 GND	330 GND 330
329 1EP0019T	329 1EP0019T 329
328 1EP0020C	328 1EP0020C 328
327 GND	327 GND 327
326 1EP0021T	326 1EP0021T 326
325 1EP0022C	325 1EP0022C 325
324 GND	324 GND 324
323 1EP0023T	323 1EP0023T 323
322 1EP0024C	322 1EP0024C 322
321 GND	321 GND 321
320 1EP0025T	320 1EP0025T 320
319 1EP0026C	319 1EP0026C 319
318 GND	318 GND 318
317 1EP0027T	317 1EP0027T 317
316 1EP0028C	316 1EP0028C 316
315 GND	315 GND 315
314 1EP0029T	314 1EP0029T 314
313 1EP0030C	313 1EP0030C 313
312 GND	312 GND 312
311 1EP0031T	311 1EP0031T 311
310 1EP0032C	310 1EP0032C 310
309 GND	309 GND 309
308 1EP0033T	308 1EP0033T 308
307 1EP0034C	307 1EP0034C 307
306 GND	306 GND 306
305 1EP0035T	305 1EP0035T 305
304 1EP0036C	304 1EP0036C 304
303 GND	303 GND 303
302 1EP0037T	302 1EP0037T 302
301 1EP0038C	301 1EP0038C 301
300 GND	300 GND 300
299 1EP0039T	299 1EP0039T 299
298 1EP0040C	298 1EP0040C 298
297 GND	297 GND 297
296 1EP0041T	296 1EP0041T 296
295 1EP0042C	295 1EP0042C 295
294 GND	294 GND 294
293 1EP0043T	293 1EP0043T 293
292 1EP0044C	292 1EP0044C 292
291 GND	291 GND 291
290 1EP0045T	290 1EP0045T 290
289 1EP0046C	289 1EP0046C 289
288 GND	288 GND 288
287 1EP0047T	287 1EP0047T 287
286 1EP0048C	286 1EP0048C 286
285 GND	285 GND 285
284 1EP0049T	284 1EP0049T 284
283 1EP0050C	283 1EP0050C 283
282 GND	282 GND 282
281 1EP0051T	281 1EP0051T 281
280 1EP0052C	280 1EP0052C 280
279 GND	279 GND 279
278 1EP0053T	278 1EP0053T 278
277 1EP0054C	277 1EP0054C 277
276 GND	276 GND 276
275 1EP0055T	275 1EP0055T 275
274 1EP0056C	274 1EP0056C 274
273 GND	273 GND 273
272 1EP0057T	272 1EP0057T 272
271 1EP0058C	271 1EP0058C 271
270 GND	270 GND 270
269 1EP0059T	269 1EP0059T 269
268 1EP0060C	268 1EP0060C 268
267 GND	267 GND 267
266 1EP0061T	266 1EP0061T 266
265 1EP0062C	265 1EP0062C 265
264 GND	264 GND 264
263 1EP0063T	263 1EP0063T 263
262 1EP0064C	262 1EP0064C 262
261 GND	261 GND 261
260 1EP0065T	260 1EP0065T 260
259 1EP0066C	259 1EP0066C 259
258 GND	258 GND 258
257 1EP0067T	257 1EP0067T 257
256 1EP0068C	256 1EP0068C 256
255 GND	255 GND 255
254 1EP0069T	254 1EP0069T 254
253 1EP0070C	253 1EP0070C 253
252 GND	252 GND 252
251 1EP0071T	251 1EP0071T 251
250 1EP0072C	250 1EP0072C 250
249 GND	249 GND 249
248 1EP0073T	248 1EP0073T 248
247 1EP0074C	247 1EP0074C 247
246 GND	246 GND 246
245 1EP0075T	245 1EP0075T 245
244 1EP0076C	244 1EP0076C 244
243 GND	243 GND 243
242 1EP0077T	242 1EP0077T 242
241 1EP0078C	241 1EP0078C 241
240 GND	240 GND 240
239 1EP0079T	239 1EP0079T 239
238 1EP0080C	238 1EP0080C 238
237 GND	237 GND 237
236 1EP0081T	236 1EP0081T 236
235 1EP0082C	235 1EP0082C 235
234 GND	234 GND 234
233 1EP0083T	233 1EP0083T 233
232 1EP0084C	232 1EP0084C 232
231 GND	231 GND 231
230 1EP0085T	230 1EP0085T 230
229 1EP0086C	229 1EP0086C 229
228 GND	228 GND 228
227 1EP0087T	227 1EP0087T 227
226 1EP0088C	226 1EP0088C 226
225 GND	225 GND 225
224 1EP0089T	224 1EP0089T 224
223 1EP0090C	223 1EP0090C 223
222 GND	222 GND 222
221 1EP0091T	221 1EP0091T 221
220 1EP0092C	220 1EP0092C 220
219 GND	219 GND 219
218 1EP0093T	218 1EP0093T 218
217 1EP0094C	217 1EP0094C 217
216 GND	216 GND 216
215 1EP0095T	215 1EP0095T 215
214 1EP0096C	214 1EP0096C 214
213 GND	213 GND 213
212 1EP0097T	212 1EP0097T 212
211 1EP0098C	211 1EP0098C 211
210 GND	210 GND 210
209 1EP0099T	209 1EP0099T 209
208 1EP0100C	208 1EP0100C 208
207 GND	207 GND 207
206 1EP0101T	206 1EP0101T 206
205 1EP0102C	205 1EP0102C 205
204 GND	204 GND 204
203 1EP0103T	203 1EP0103T 203
202 1EP0104C	202 1EP0104C 202
201 GND	201 GND 201
200 1EP0105T	200 1EP0105T 200
199 1EP0106C	199 1EP0106C 199
198 GND	198 GND 198
197 1EP0107T	197 1EP0107T 197
196 1EP0108C	196 1EP0108C 196
195 GND	195 GND 195
194 1EP0109T	194 1EP0109T 194
193 1EP0110C	193 1EP0110C 193
192 GND	192 GND 192
191 1EP0111T	191 1EP0111T 191
190 1EP0112C	190 1EP0112C 190
189 GND	189 GND 189
188 1EP0113T	188 1EP0113T 188
187 1EP0114C	187 1EP0114C 187
186 GND	186 GND 186
185 1EP0115T	185 1EP0115T 185
184 1EP0116C	184 1EP0116C 184
183 GND	183 GND 183
182 1EP0117T	182 1EP0117T 182
181 1EP0118C	181 1EP0118C 181
180 GND	180 GND 180
179 1EP0119T	179 1EP0119T 179
178 1EP0120C	178 1EP0120C 178
177 GND	177 GND 177
176 1EP0121T	176 1EP0121T 176
175 1EP0122C	175 1EP0122C 175
174 GND	174 GND 174
173 1EP0123T	173 1EP0123T 173
172 1EP0124C	172 1EP0124C 172
171 GND	171 GND 171
170 1EP0125T	170 1EP0125T 170
169 1EP0126C	169 1EP0126C 169
168 GND	168 GND 168
167 1EP0127T	167 1EP0127T 167
166 1EP0128C	166 1EP0128C 166
165 GND	165 GND 165
164 1EP0129T	164 1EP0129T 164
163 1EP0130C	163 1EP0130C 163
162 GND	162 GND 162
161 1EP0131T	161 1EP0131T 161
160 1EP0132C	160 1EP0132C 160
159 GND	159 GND 159
158 1EP0133T	158 1EP0133T 158
157 1EP0134C	157 1EP0134C 157
156 GND	156 GND 156
155 1EP0135T	155 1EP0135T 155
154 1EP0136C	154 1EP0136C 154
153 GND	153 GND

CAD 21H

ECL-BUS UNIT RECEIVE DATA 2, BAY 8 AS LAST CABINET

TO CONNECTION	J1	FROM CONNECTION
042 1SE2008T	024	1SE2008T 024
139 1SE2010C	023	1SE2010C 023
036 GPD	022	GPD 022
038 1SE2013T	021	1SE2013T 021
133 1SE2014C	020	1SE2014C 020
032 GPD	019	GPD 019
055 1SE2001T	018	1SE2001T 018
162 1SE2002C	017	1SE2002C 017
048 GPD	016	GPD 016
049 1SE2005T	015	1SE2005T 015
148 1SE2006C	014	1SE2006C 014
045 GPD	013	GPD 013
NC	012	NC
010 1SE2025T	011	1SE2025T 011
107 1SE2026C	010	1SE2026C 010
023 GPD	009	GPD 009
004 1SE2029T	008	1SE2029T 008
101 1SE2030C	007	1SE2030C 007
000 GPD	006	GPD 006
025 1SE2017T	005	1SE2017T 005
120 1SE2018C	004	1SE2018C 004
016 GPD	003	GPD 003
017 1SE2011T	002	1SE2011T 002
114 1SE2022C	001	1SE2022C 001
013 GPD	000	GPD 000

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OPT
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TO CONNECTION	J1	FROM CONNECTION
142 1SE2008C	024	1SE2008C 024
137 GPD	023	GPD 023
036 1SE2011T	022	1SE2011T 022
136 1SE2012C	021	1SE2012C 021
134 GPD	020	GPD 020
033 1SE2015T	019	1SE2015T 019
155 1SE2006C	018	1SE2006C 018
150 GPD	017	GPD 017
052 1SE2003T	016	1SE2003T 016
149 1SE2004C	015	1SE2004C 015
147 GPD	014	GPD 014
046 1SE2007T	013	1SE2007T 013
NC	012	NC
110 1SE2024C	011	1SE2024C 011
106 GPD	010	GPD 010
007 1SE2027T	009	1SE2027T 009
104 1SE2028C	008	1SE2028C 008
102 GPD	007	GPD 007
001 1SE2031T	006	1SE2031T 006
123 1SE2016C	005	1SE2016C 005
118 GPD	004	GPD 004
020 1SE2019T	003	1SE2019T 003
117 1SE2020C	002	1SE2020C 002
115 GPD	001	GPD 001
014 1SE2023T	000	1SE2023T 000

828-155
OPT
(X)

CAD 21J

ECL-BUS UNIT RETURN DATA, BAY 4 TO CMCU BAY 5

TO CONNECTION	J1	FROM CONNECTION
NC	556	NC
NC	555	NC
528-129 049 0STERST	554	0STERST 554
528-129 048 0STCDAC	553	0STCDAC 553
NC	552	NC
528-116 537 0IDG1	551	0IDG1 551
528-129 055 0EXSYNAC	550	0EXSYNAC 550
NC	549	NC
NC	548	NC
NC	547	NC
NC	546	NC
NC	545	NC
NC	544	NC
528-116 543 0ICD1	543	0ICD1 543
528-116 542 0ECADTC	542	0ECADTC 542
NC	541	NC
528-116 540 0EXMIT	540	0EXMIT 540
528-116 539 0EXM2C	539	0EXM2C 539
NC	538	NC
528-128 042 0STERST	537	0STERST 537
528-129 039 0STCDYC	536	0STCDYC 536
NC	535	NC
528-128 036 0STERIT	534	0STERIT 534
528-129 033 0STCDCC	533	0STCDCC 533
NC	532	NC

428-176
OPT
(X)

TO CONNECTION	J1	FROM CONNECTION
NC	356	NC
NC	355	NC
528-129 049 0STCDSC	354	0STCDSC 354
NC	353	NC
528-128 048 0STERAT	352	0STERAT 352
528-116 337 0IDH0	351	0IDH0 351
528-128 055 0EXSYNAT	350	0EXSYNAT 350
NC	349	NC
NC	348	NC
NC	347	NC
NC	346	NC
NC	345	NC
NC	344	NC
528-116 343 0ICP0	343	0ICP0 343
NC	342	NC
528-116 341 0ECADOT	341	0ECADOT 341
528-116 340 0EXM2C	340	0EXM2C 340
NC	339	NC
528-116 338 0EXM2T	338	0EXM2T 338
528-129 042 0STCDSC	337	0STCDSC 337
NC	336	NC
528-128 039 0STERST	335	0STERST 335
528-129 036 0STCDYC	334	0STCDYC 334
NC	333	NC
528-128 033 0STEROT	332	0STEROT 332
NC	331	NC
NC	330	NC
NC	329	NC
NC	328	NC
528-128 050 0STCDST	253	0STCDST 253
528-129 048 0STERSC	252	0STERSC 252
NC	251	NC
528-116 237 0IDH1	250	0IDH1 250
528-116 236 0IDG0	249	0IDG0 249
NC	248	NC
NC	247	NC
NC	246	NC
NC	245	NC
NC	244	NC
528-116 243 0ICP1	243	0ICP1 243
528-116 242 0ICD0	242	0ICD0 242
NC	241	NC
528-116 240 0EXM2T	240	0EXM2T 240
528-116 239 0EXM2C	239	0EXM2C 239
NC	238	NC
528-128 043 0STCDST	237	0STCDST 237
528-129 041 0STERSC	236	0STERSC 236
NC	235	NC
528-128 037 0STCDIT	234	0STCDIT 234
528-129 035 0STERIC	233	0STERIC 233
NC	232	NC

428-178
OPT
(X)

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CAD 21K

ECL-BUS UNIT RETURN DATA, BAY 7 TO CMCU BAY 6

TO CONNECTION	J1	FROM CONNECTION
048	NC	358
048	GRD	355
048	1STERST	354
048	1STCDT4C	353
048	GRD	352
048	1SPARE7	351
048	1EXBMAC	350
048	GRD	349
048	GRD	348
048	GRD	347
048	GRD	346
048	GRD	345
048	1SPARE8	344
048	1ECDATC	343
048	GRD	342
048	1EXMIT	341
048	1EXMOC	340
048	GRD	339
048	GRD	338
048	1STER3T	337
048	1STCDT2C	336
048	GRD	335
048	1STER1T	334
048	1STCDT0C	333
048	GRD	332
047	1STCDT4T	452
047	1STER4C	451
047	NC	450
047	1EXBMAC	449
047	1EXSYMAC	448
047	GRD	447
047	NC	446
047	NC	445
047	NC	444
047	1ECDAT1	443
047	1ECADOC	442
047	NC	441
047	1EXMOT	440
047	1EXMOC	439
047	1EXMOC	438
047	1STCDT2T	437
047	1STER2C	436
047	GRD	435
047	1STCDT0T	434
047	1STER0C	433
047	GRD	432

728-006 (EBU)

TO CONNECTION	J1	FROM CONNECTION
048	NC	358
048	GRD	355
048	1STCDT5C	353
048	GRD	352
048	1STER4T	351
048	1SPARE5	350
048	GRD	349
048	1EXSYMAC	348
048	NC	347
048	GRD	346
048	NC	345
048	1SPARE4	344
048	GRD	343
048	1ECADOT	342
048	1EXMOC	341
048	GRD	340
048	GRD	339
048	1EXMOT	338
048	1STCDT3C	337
048	GRD	336
048	1STER2T	335
048	1STCDT1C	334
048	GRD	333
048	1STER0T	332
047	1STCDT5T	453
047	1STER5C	452
047	NC	451
047	1SPARE3	450
047	1SPARE2	449
047	NC	448
047	NC	447
047	NC	446
047	1SPARE1	445
047	1SPARE0	444
047	NC	443
047	1EXMOT	442
047	1EXMOC	441
047	1EXMOC	440
047	1STCDT3T	439
047	1STER3C	438
047	1STER2T	437
047	1STER2C	436
047	1STCDT1T	435
047	1STER1C	434
047	GRD	433
047	GRD	432

728-006 (EBU)

CAD 21L

ECL-BUS UNIT RECEIVE DATA 1, BAY 3 AS LAST CABINET

TO CONNECTION	J	FROM CONNECTION
042	0SE1008T	524
042	0SE1010C	523
042	GRD	522
042	0SE1013T	521
042	0SE1014C	520
042	GRD	519
042	0SE1001T	518
042	0SE1002C	517
042	GRD	516
042	0SE1006T	515
042	0SE1008C	514
042	GRD	513
042	NC	512
042	0SE1005T	511
042	0SE1006C	510
042	GRD	509
042	0SE1009T	508
042	0SE1010C	507
042	GRD	506
042	0SE1011T	505
042	0SE1012C	504
042	GRD	503
042	0SE1021T	502
042	0SE1022C	501
042	GRD	500
042	NC	424
042	0SE1010T	423
042	0SE1011C	422
042	NC	421
042	0SE1014T	420
042	0SE1015C	419
042	NC	418
042	0SE1007T	417
042	0SE1008C	416
042	GRD	415
042	0SE1009T	414
042	0SE1010C	413
042	NC	412
042	NC	411
042	0SE1020T	410
042	0SE1021C	409
042	NC	408
042	0SE1030T	407
042	0SE1031C	406
042	NC	405
042	0SE1018T	404
042	0SE1019C	403
042	GRD	402
042	0SE1022T	401
042	0SE1023C	400

328-022 (EBU)

TO CONNECTION	J	FROM CONNECTION
042	0SE1008C	524
042	GRD	523
042	0SE1011T	522
042	0SE1012C	521
042	GRD	520
042	0SE1015T	519
042	0SE1000C	518
042	GRD	517
042	0SE1003T	516
042	0SE1004C	515
042	GRD	514
042	0SE1007T	513
042	NC	512
042	0SE1024C	511
042	GRD	510
042	0SE1027T	509
042	0SE1028C	508
042	GRD	507
042	0SE1031T	506
042	0SE1018C	505
042	GRD	504
042	0SE1019T	503
042	0SE1020C	502
042	GRD	501
042	0SE1023T	500
042	0SE1008T	224
042	0SE1009C	223
042	NC	222
042	0SE1012T	221
042	0SE1013C	220
042	NC	219
042	0SE1000T	218
042	0SE1001C	217
042	NC	216
042	0SE1004T	215
042	0SE1005C	214
042	GRD	213
042	NC	212
042	0SE1024T	211
042	0SE1025C	210
042	NC	209
042	0SE1028T	208
042	0SE1029C	207
042	NC	206
042	0SE1018T	205
042	0SE1019C	204
042	NC	203
042	0SE1020T	202
042	0SE1021C	201
042	GRD	200

328-022 (EBU)

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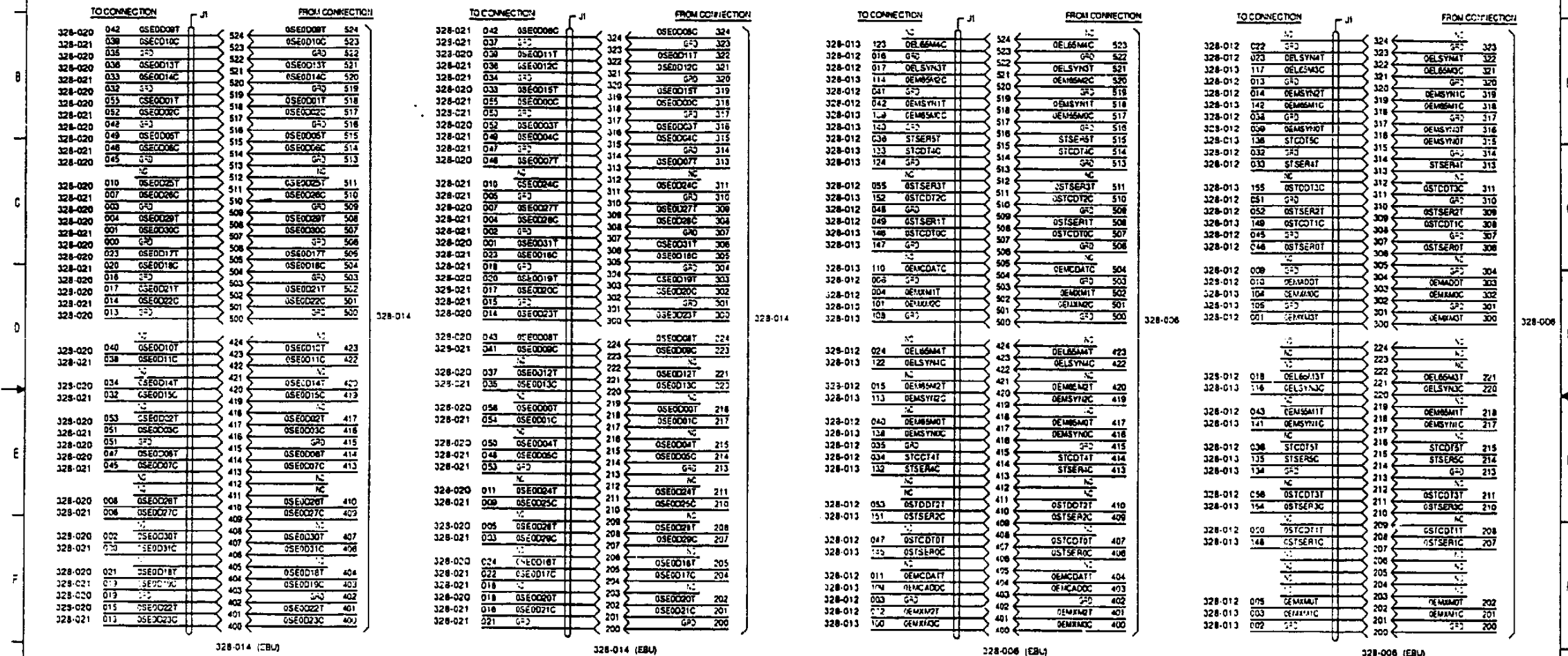
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CAD 21M

ECL-BUS UNIT RECEIVE DATA 0, BAY 3 AS LAST CABINET

CAD 21N

ECL-BUS UNIT CONTROL AND RETURN LOOP, BAY 3



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DWG SIZE C2 ISSUE 17M

SHEET 5943

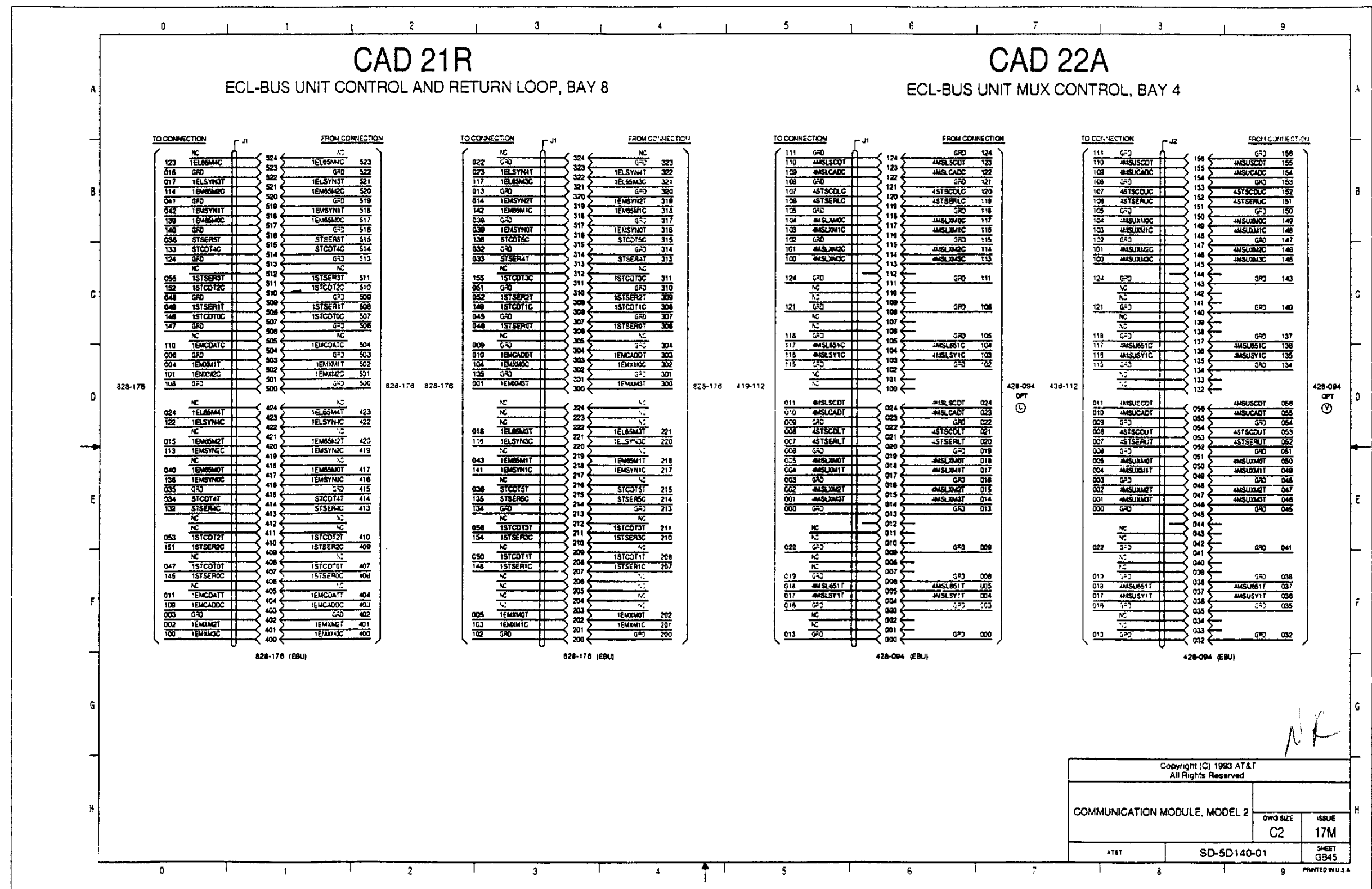
ECL-BUS UNIT RECEIVE DATA 1, BAY 8 AS LAST CABINET

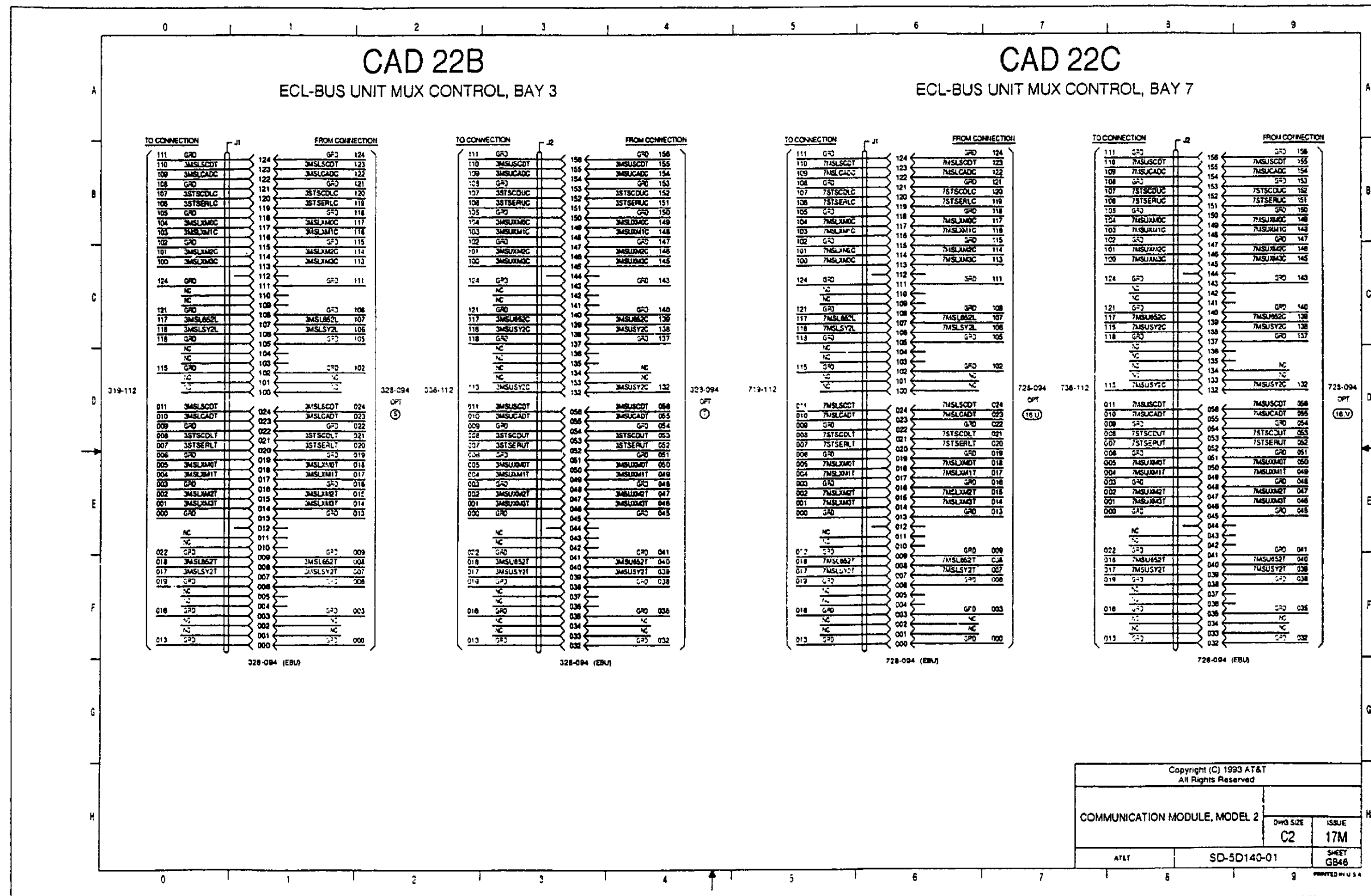
628-164 (EBU)820-164 (EBU)

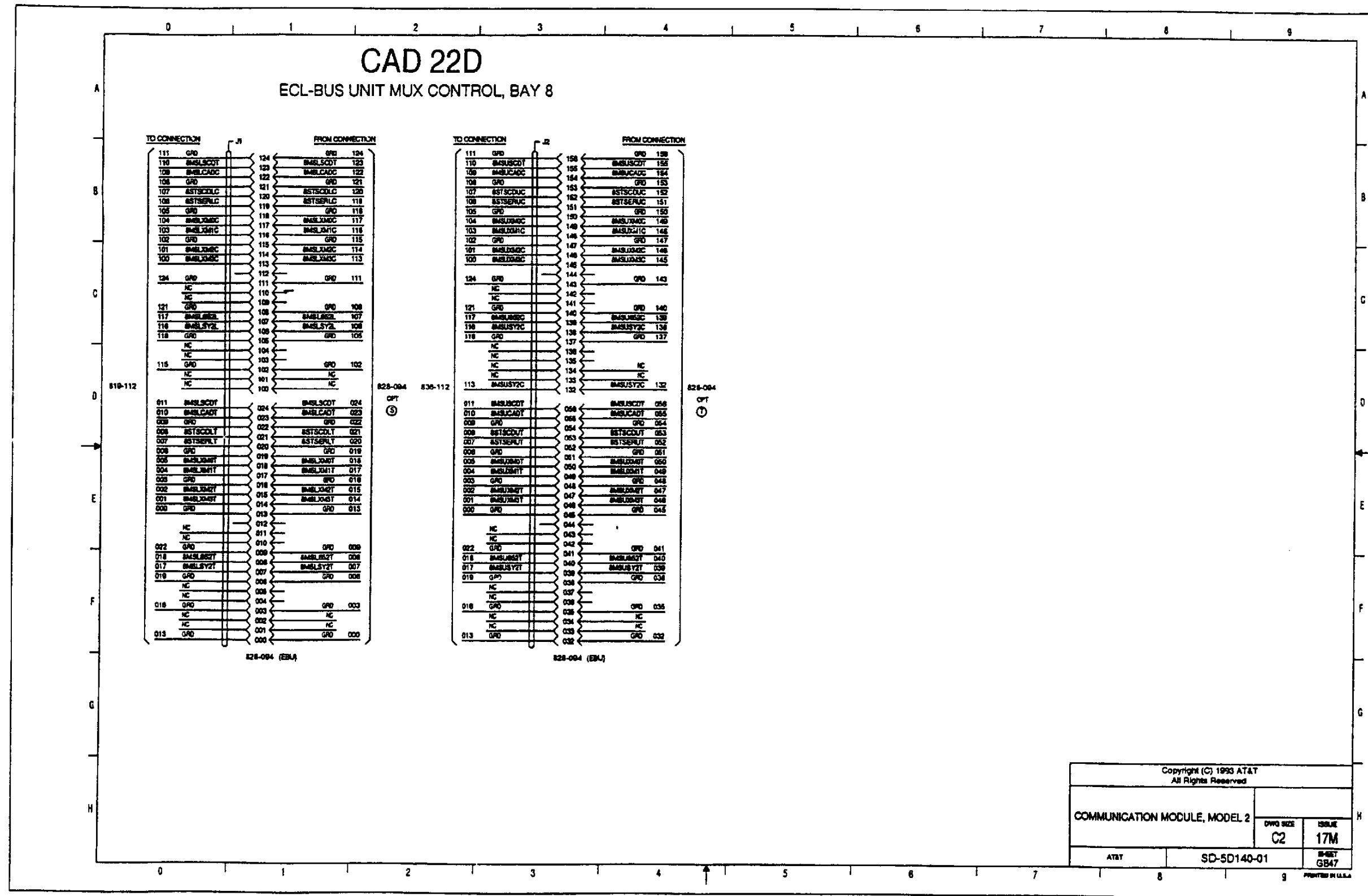
ECL-BUS UNIT RECEIVE DATA 0, BAY 8 AS LAST CABINET

028-170 (EQU)620-170 (ESU)

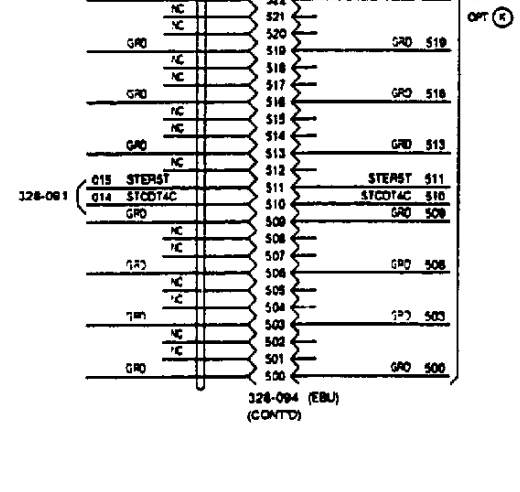
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		DWG SIZE C2	ISSUE 17M
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ECL-BUS UNIT ERROR ORIGINATION, BAY 3

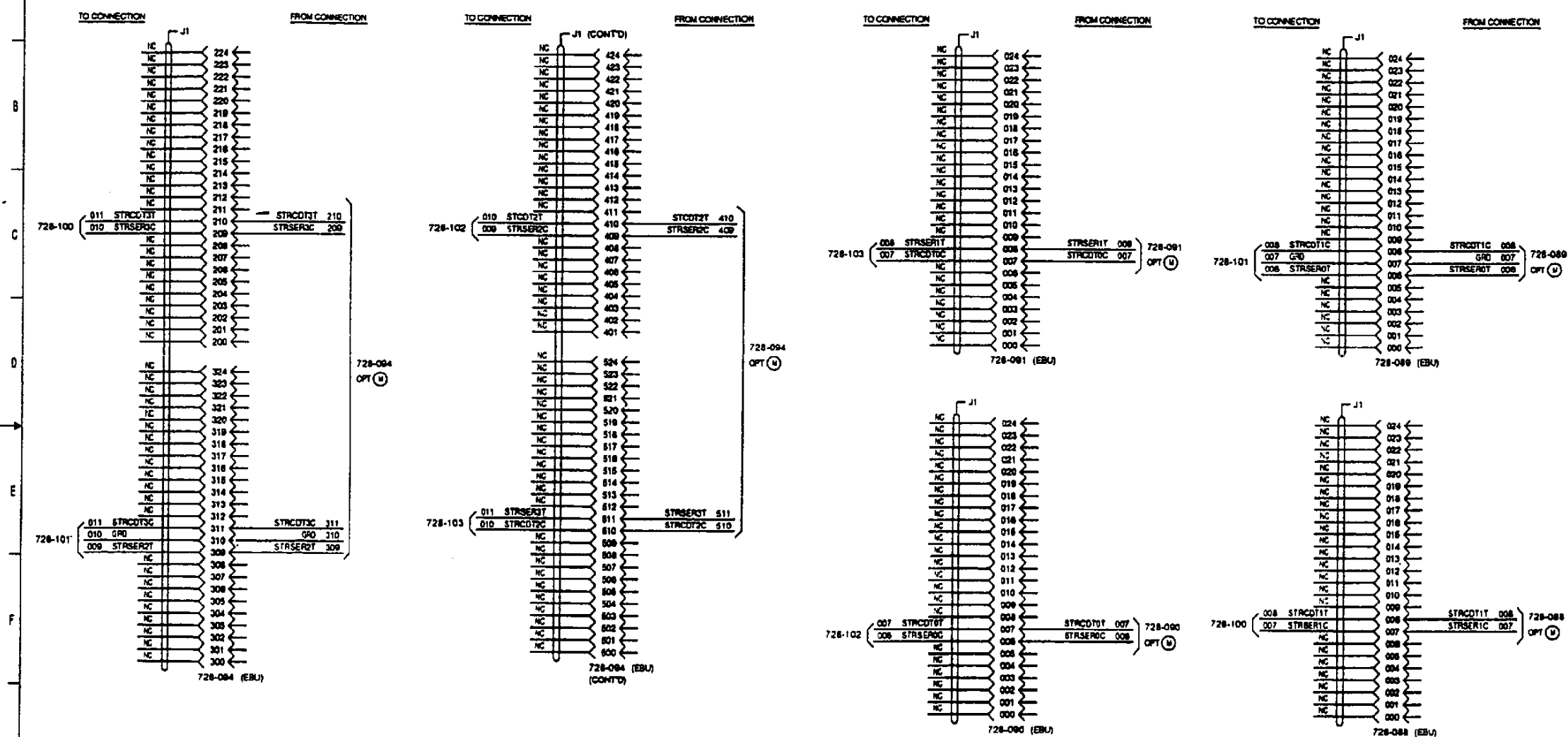


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		C2	17M
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CAD 23C ECL-BUS UNIT ERROR ORIGATION, BAY 7



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0 1 2 3 4 5 6 7 8 9

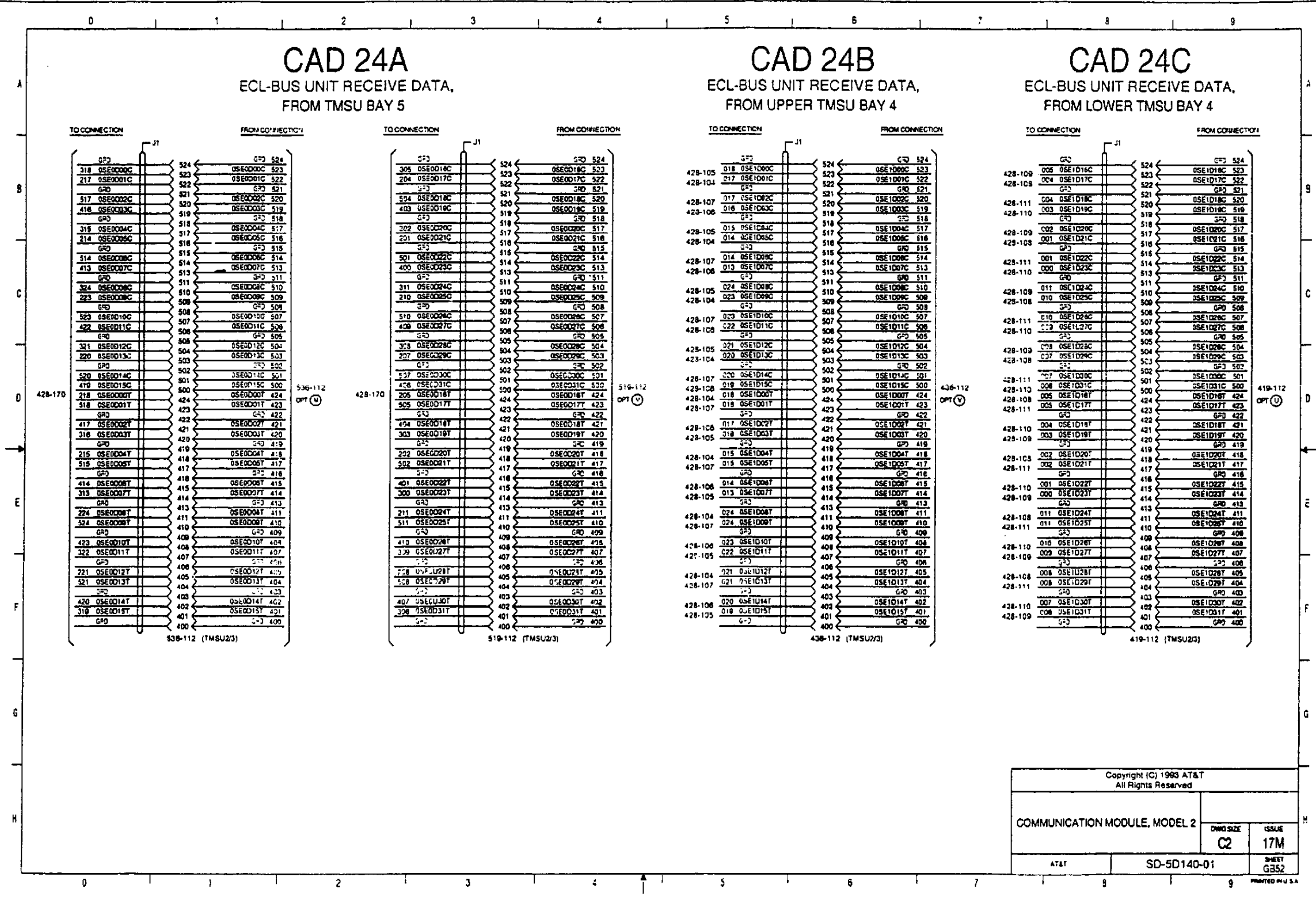
CAD 23D ECL-BUS UNIT ERROR ORIGATION, BAY 8

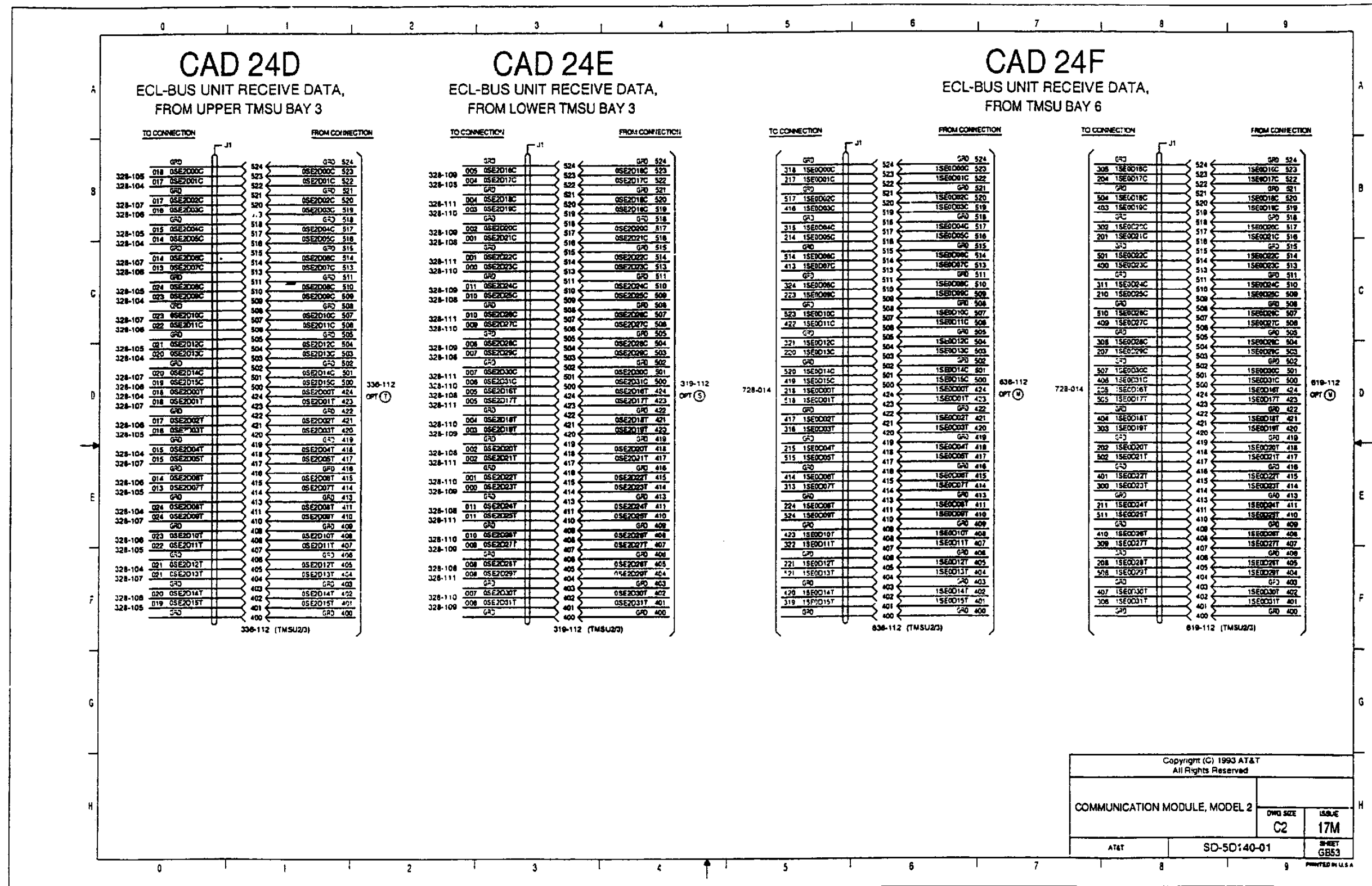
The diagram illustrates the error origination for the CAD 23D ECL-BUS unit in Bay 8. It shows the central unit's connections to four peripheral modules: 828-094 (ECL), 828-091 (ECL), 828-090 (ECL), and 828-089 (ECL). The connections are organized into four main sections, each corresponding to a peripheral module. Each section shows the 'TO CONNECTION' and 'FROM CONNECTION' for the central unit, with specific signal lines and ground connections. The diagram includes a grid with letters A-H and numbers 0-9. The central unit is labeled 'J1 (CONT'D)' and 'J1'. The peripheral modules are labeled '828-094 (ECL)', '828-091 (ECL)', '828-090 (ECL)', and '828-089 (ECL)'. The connections are detailed with signal names like STRCOTST, STRSERST, STRCOT3C, and STRSER3C, along with ground connections (GND). The diagram also includes a table of connections for each module, showing the signal names and their corresponding pin numbers.

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		C2	17M
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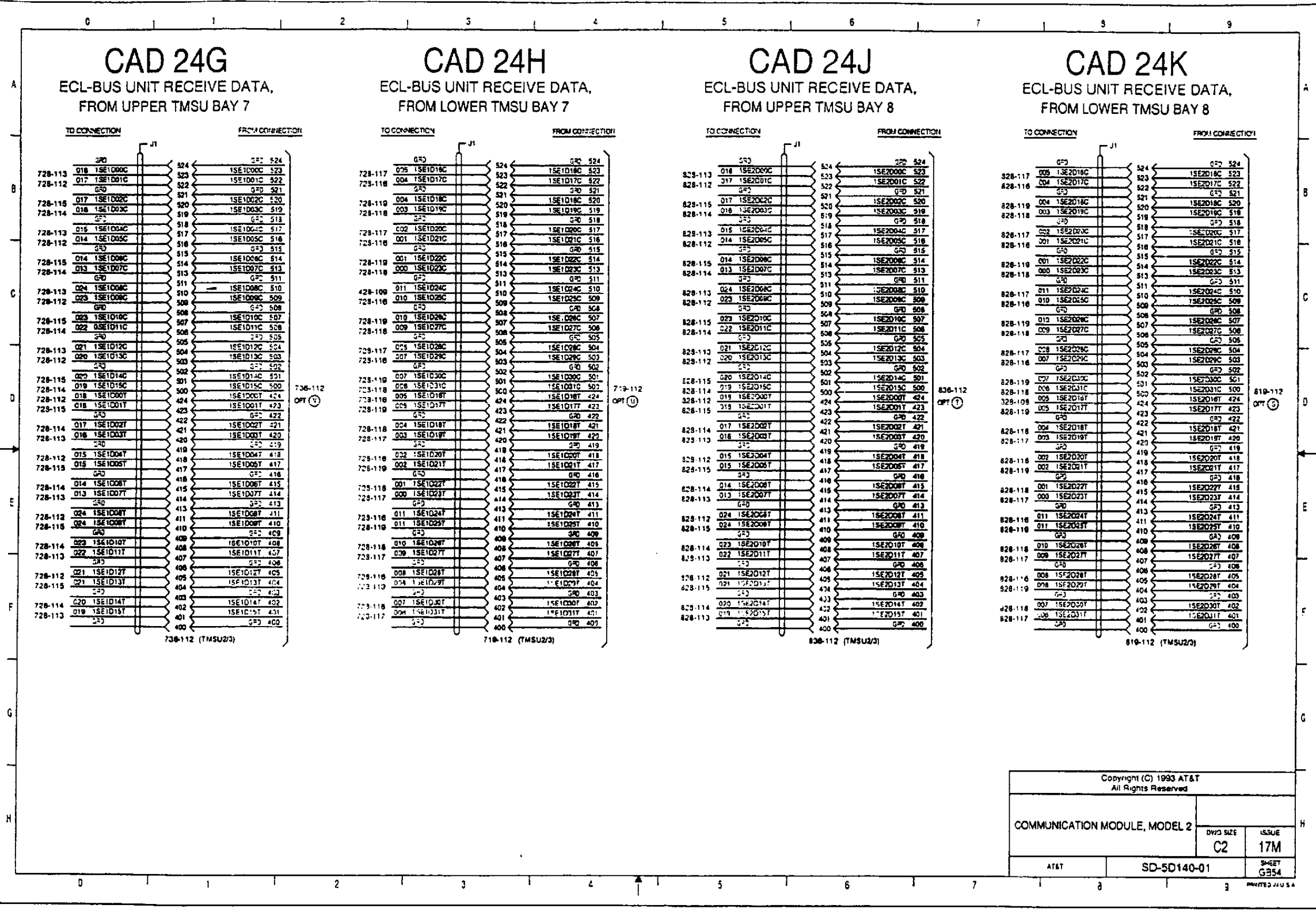


•
B

•
A

•
A

•
B



CAD 25A ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU BAY 5

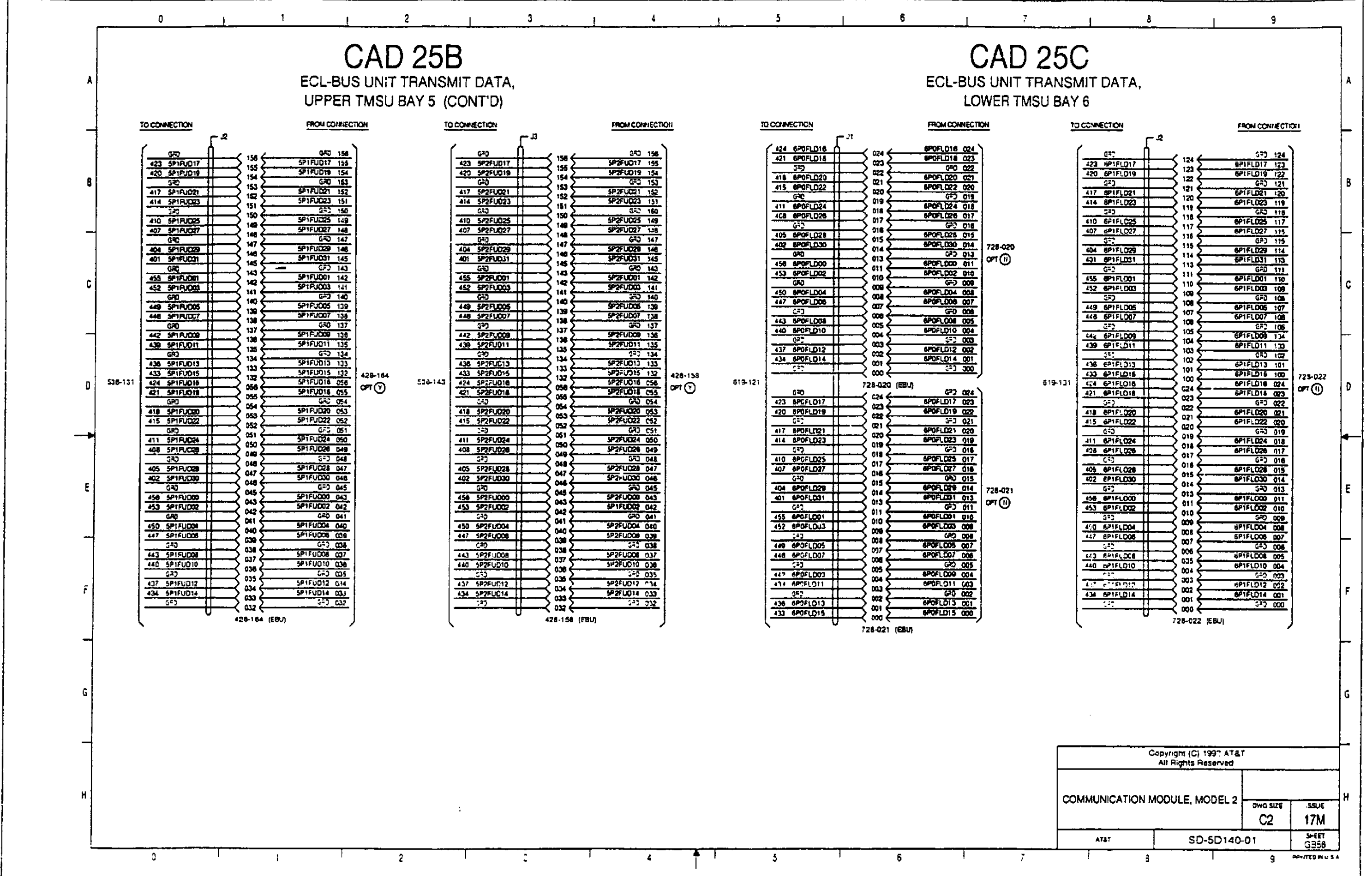
TO CONNECTION	FROM CONNECTION
GRD	GRD 124
423 SP0FLD17	SP0FLD17 123
420 SP0FLD19	SP0FLD19 122
GRD	GRD 121
417 SP0FLD21	SP0FLD21 120
414 SP0FLD23	SP0FLD23 119
GRD	GRD 118
410 SP0FLD25	SP0FLD25 117
407 SP0FLD27	SP0FLD27 116
GRD	GRD 115
404 SP0FLD29	SP0FLD29 114
401 SP0FLD31	SP0FLD31 113
GRD	GRD 111
456 SP0FLD01	SP0FLD01 110
452 SP0FLD03	SP0FLD03 109
GRD	GRD 108
449 SP0FLD05	SP0FLD05 107
446 SP0FLD07	SP0FLD07 106
GRD	GRD 105
442 SP0FLD09	SP0FLD09 104
439 SP0FLD11	SP0FLD11 103
GRD	GRD 102
436 SP0FLD13	SP0FLD13 101
433 SP0FLD15	SP0FLD15 100
424 SP0FLD16	SP0FLD16 094
421 SP0FLD18	SP0FLD18 093
GRD	GRD 092
418 SP0FLD20	SP0FLD20 091
415 SP0FLD22	SP0FLD22 090
GRD	GRD 019
411 SP0FLD24	SP0FLD24 018
408 SP0FLD26	SP0FLD26 017
GRD	GRD 016
405 SP0FLD28	SP0FLD28 015
402 SP0FLD30	SP0FLD30 014
GRD	GRD 013
456 SP0FLD00	SP0FLD00 011
453 SP0FLD02	SP0FLD02 010
GRD	GRD 009
450 SP0FLD04	SP0FLD04 008
447 SP0FLD06	SP0FLD06 007
GRD	GRD 006
443 SP0FLD08	SP0FLD08 005
440 SP0FLD10	SP0FLD10 004
GRD	GRD 003
437 SP0FLD12	SP0FLD12 002
434 SP0FLD14	SP0FLD14 001
GRD	GRD 000

TO CONNECTION	FROM CONNECTION
GRD	GRD 124
423 SP1FLD17	SP1FLD17 123
420 SP1FLD19	SP1FLD19 122
GRD	GRD 121
417 SP1FLD21	SP1FLD21 120
414 SP1FLD23	SP1FLD23 119
GRD	GRD 118
410 SP1FLD25	SP1FLD25 117
407 SP1FLD27	SP1FLD27 116
GRD	GRD 115
404 SP1FLD29	SP1FLD29 114
401 SP1FLD31	SP1FLD31 113
GRD	GRD 111
456 SP1FLD01	SP1FLD01 110
452 SP1FLD03	SP1FLD03 109
GRD	GRD 108
449 SP1FLD05	SP1FLD05 107
446 SP1FLD07	SP1FLD07 106
GRD	GRD 105
442 SP1FLD09	SP1FLD09 104
439 SP1FLD11	SP1FLD11 103
GRD	GRD 102
436 SP1FLD13	SP1FLD13 101
433 SP1FLD15	SP1FLD15 100
424 SP1FLD16	SP1FLD16 024
421 SP1FLD18	SP1FLD18 023
GRD	GRD 022
418 SP1FLD20	SP1FLD20 021
415 SP1FLD22	SP1FLD22 020
GRD	GRD 019
411 SP1FLD24	SP1FLD24 018
408 SP1FLD26	SP1FLD26 017
GRD	GRD 016
405 SP1FLD28	SP1FLD28 015
402 SP1FLD30	SP1FLD30 014
GRD	GRD 013
456 SP1FLD00	SP1FLD00 011
453 SP1FLD02	SP1FLD02 010
GRD	GRD 009
450 SP1FLD04	SP1FLD04 008
447 SP1FLD06	SP1FLD06 007
GRD	GRD 006
443 SP1FLD08	SP1FLD08 005
440 SP1FLD10	SP1FLD10 004
GRD	GRD 003
437 SP1FLD12	SP1FLD12 002
434 SP1FLD14	SP1FLD14 001
GRD	GRD 000

CAD 25B ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU BAY 5

TO CONNECTION	FROM CONNECTION
GRD	GRD 124
423 SP2FLD17	SP2FLD17 123
420 SP2FLD19	SP2FLD19 122
GRD	GRD 121
417 SP2FLD21	SP2FLD21 120
414 SP2FLD23	SP2FLD23 119
GRD	GRD 118
410 SP2FLD25	SP2FLD25 117
407 SP2FLD27	SP2FLD27 116
GRD	GRD 115
404 SP2FLD29	SP2FLD29 114
401 SP2FLD31	SP2FLD31 113
GRD	GRD 111
456 SP2FLD01	SP2FLD01 110
452 SP2FLD03	SP2FLD03 109
GRD	GRD 108
449 SP2FLD05	SP2FLD05 107
446 SP2FLD07	SP2FLD07 106
GRD	GRD 105
442 SP2FLD09	SP2FLD09 104
439 SP2FLD11	SP2FLD11 103
GRD	GRD 102
436 SP2FLD13	SP2FLD13 101
433 SP2FLD15	SP2FLD15 100
424 SP2FLD16	SP2FLD16 024
421 SP2FLD18	SP2FLD18 023
GRD	GRD 022
418 SP2FLD20	SP2FLD20 021
415 SP2FLD22	SP2FLD22 020
GRD	GRD 019
411 SP2FLD24	SP2FLD24 018
408 SP2FLD26	SP2FLD26 017
GRD	GRD 016
405 SP2FLD28	SP2FLD28 015
402 SP2FLD30	SP2FLD30 014
GRD	GRD 013
456 SP2FLD00	SP2FLD00 011
453 SP2FLD02	SP2FLD02 010
GRD	GRD 009
450 SP2FLD04	SP2FLD04 008
447 SP2FLD06	SP2FLD06 007
GRD	GRD 006
443 SP2FLD08	SP2FLD08 005
440 SP2FLD10	SP2FLD10 004
GRD	GRD 003
437 SP2FLD12	SP2FLD12 002
434 SP2FLD14	SP2FLD14 001
GRD	GRD 000

TO CONNECTION	FROM CONNECTION
GRD	GRD 156
423 SP0FLD17	SP0FLD17 155
420 SP0FLD19	SP0FLD19 154
GRD	GRD 153
417 SP0FLD21	SP0FLD21 152
414 SP0FLD23	SP0FLD23 151
GRD	GRD 150
410 SP0FLD25	SP0FLD25 149
407 SP0FLD27	SP0FLD27 148
GRD	GRD 147
404 SP0FLD29	SP0FLD29 146
401 SP0FLD31	SP0FLD31 145
GRD	GRD 143
456 SP0FLD01	SP0FLD01 142
452 SP0FLD03	SP0FLD03 141
GRD	GRD 140
449 SP0FLD05	SP0FLD05 139
446 SP0FLD07	SP0FLD07 138
GRD	GRD 137
442 SP0FLD09	SP0FLD09 136
439 SP0FLD11	SP0FLD11 135
GRD	GRD 134
436 SP0FLD13	SP0FLD13 133
433 SP0FLD15	SP0FLD15 132
424 SP0FLD16	SP0FLD16 056
421 SP0FLD18	SP0FLD18 055
GRD	GRD 054
418 SP0FLD20	SP0FLD20 053
415 SP0FLD22	SP0FLD22 052
GRD	GRD 051
411 SP0FLD24	SP0FLD24 050
408 SP0FLD26	SP0FLD26 049
GRD	GRD 048
405 SP0FLD28	SP0FLD28 047
402 SP0FLD30	SP0FLD30 046
GRD	GRD 045
456 SP0FLD00	SP0FLD00 043
453 SP0FLD02	SP0FLD02 042
GRD	GRD 041
450 SP0FLD04	SP0FLD04 040
447 SP0FLD06	SP0FLD06 039
GRD	GRD 038
443 SP0FLD08	SP0FLD08 037
440 SP0FLD10	SP0FLD10 036
GRD	GRD 035
437 SP0FLD12	SP0FLD12 034
434 SP0FLD14	SP0FLD14 033
GRD	GRD 032



CAD 25B

ECL-BUS UNIT TRANSMIT DATA,
UPPER TMSU BAY 5 (CONT'D)

CAD 25C

ECL-BUS UNIT TRANSMIT DATA,
LOWER TMSU BAY 6

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CAD 25C

ECL-BUS UNIT TRANSMIT DATA,
LOWER TMSU BAY 6 (CONT'D)

TO CONNECTION	FROM CONNECTION
423 8P2FLD17	124 8P2FLD17 122
420 8P2FLD18	123 8P2FLD18 122
GRD	121 8P2FLD19 122
417 8P2FLD21	120 8P2FLD21 120
414 8P2FLD23	119 8P2FLD23 118
GRD	118 8P2FLD24 118
410 8P2FLD25	117 8P2FLD25 117
407 8P2FLD27	116 8P2FLD27 116
GRD	115 8P2FLD28 115
404 8P2FLD29	114 8P2FLD29 114
401 8P2FLD31	113 8P2FLD31 113
GRD	112 8P2FLD32 112
455 8P2FLD01	111 8P2FLD01 110
452 8P2FLD03	110 8P2FLD03 109
GRD	109 8P2FLD04 109
448 8P2FLD06	108 8P2FLD06 107
445 8P2FLD07	107 8P2FLD07 106
GRD	106 8P2FLD08 106
442 8P2FLD09	105 8P2FLD09 104
439 8P2FLD11	104 8P2FLD11 103
GRD	103 8P2FLD12 103
436 8P2FLD13	102 8P2FLD13 101
433 8P2FLD15	101 8P2FLD15 100
424 8P2FLD16	100 8P2FLD16 99
421 8P2FLD18	99 8P2FLD18 98
GRD	98 8P2FLD19 98
418 8P2FLD20	97 8P2FLD20 96
415 8P2FLD22	96 8P2FLD22 95
GRD	95 8P2FLD23 95
411 8P2FLD24	94 8P2FLD24 93
408 8P2FLD26	93 8P2FLD26 92
GRD	92 8P2FLD27 92
405 8P2FLD28	91 8P2FLD28 90
402 8P2FLD30	90 8P2FLD30 89
GRD	89 8P2FLD31 89
458 8P2FLD00	88 8P2FLD00 87
453 8P2FLD02	87 8P2FLD02 86
GRD	86 8P2FLD03 86
450 8P2FLD04	85 8P2FLD04 84
447 8P2FLD06	84 8P2FLD06 83
GRD	83 8P2FLD07 83
443 8P2FLD08	82 8P2FLD08 81
440 8P2FLD10	81 8P2FLD10 80
GRD	80 8P2FLD11 80
437 8P2FLD12	79 8P2FLD12 78
434 8P2FLD14	78 8P2FLD14 77
GRD	77 8P2FLD15 77

728-028 (E8U)

TO CONNECTION	FROM CONNECTION
424 8P2FLD16	056 8P2FLD16 056
GRD	055 8P2FLD17 055
421 8P2FLD18	054 8P2FLD18 054
418 8P2FLD20	053 8P2FLD20 053
GRD	052 8P2FLD21 052
415 8P2FLD22	051 8P2FLD22 051
411 8P2FLD24	050 8P2FLD24 050
GRD	049 8P2FLD25 049
408 8P2FLD26	048 8P2FLD26 048
405 8P2FLD28	047 8P2FLD28 047
GRD	046 8P2FLD29 046
402 8P2FLD30	045 8P2FLD30 045
456 8P2FLD00	044 8P2FLD00 044
GRD	043 8P2FLD01 043
453 8P2FLD02	042 8P2FLD02 041
450 8P2FLD04	041 8P2FLD04 040
GRD	040 8P2FLD05 040
447 8P2FLD06	039 8P2FLD06 038
443 8P2FLD08	038 8P2FLD08 037
GRD	037 8P2FLD09 037
440 8P2FLD10	036 8P2FLD10 035
437 8P2FLD12	035 8P2FLD12 034
GRD	034 8P2FLD13 034
434 8P2FLD14	033 8P2FLD14 032
GRD	032 8P2FLD15 032

728-020
OPT (Y)

CAD 25D

ECL-BUS UNIT TRANSMIT DATA,
UPPER TMSU BAY 6

TO CONNECTION	FROM CONNECTION
423 8P2FLD17	156 8P2FLD17 155
420 8P2FLD18	155 8P2FLD18 154
GRD	154 8P2FLD19 154
417 8P2FLD21	153 8P2FLD21 152
414 8P2FLD23	152 8P2FLD23 151
GRD	151 8P2FLD24 150
410 8P2FLD25	150 8P2FLD25 149
407 8P2FLD27	149 8P2FLD27 148
GRD	148 8P2FLD28 147
404 8P2FLD29	147 8P2FLD29 146
401 8P2FLD31	146 8P2FLD31 145
GRD	145 8P2FLD32 145
455 8P2FLD01	144 8P2FLD01 143
452 8P2FLD03	143 8P2FLD03 142
GRD	142 8P2FLD04 141
448 8P2FLD06	141 8P2FLD06 140
445 8P2FLD07	140 8P2FLD07 139
GRD	139 8P2FLD08 138
442 8P2FLD09	138 8P2FLD09 137
439 8P2FLD11	137 8P2FLD11 136
GRD	136 8P2FLD12 135
436 8P2FLD13	135 8P2FLD13 134
433 8P2FLD15	134 8P2FLD15 133
424 8P2FLD16	133 8P2FLD16 132
421 8P2FLD18	132 8P2FLD18 131
GRD	131 8P2FLD19 130
418 8P2FLD20	130 8P2FLD20 129
415 8P2FLD22	129 8P2FLD22 128
GRD	128 8P2FLD23 127
411 8P2FLD24	127 8P2FLD24 126
408 8P2FLD26	126 8P2FLD26 125
GRD	125 8P2FLD27 124
405 8P2FLD28	124 8P2FLD28 123
402 8P2FLD30	123 8P2FLD30 122
GRD	122 8P2FLD31 121
458 8P2FLD00	121 8P2FLD00 120
453 8P2FLD02	120 8P2FLD02 119
GRD	119 8P2FLD03 118
450 8P2FLD04	118 8P2FLD04 117
447 8P2FLD06	117 8P2FLD06 116
GRD	116 8P2FLD07 115
443 8P2FLD08	115 8P2FLD08 114
440 8P2FLD10	114 8P2FLD10 113
GRD	113 8P2FLD11 112
437 8P2FLD12	112 8P2FLD12 111
434 8P2FLD14	111 8P2FLD14 110
GRD	110 8P2FLD15 109

728-022
OPT (Y)

TO CONNECTION	FROM CONNECTION
423 8P2FLD17	156 8P2FLD17 155
420 8P2FLD18	155 8P2FLD18 154
GRD	154 8P2FLD19 154
417 8P2FLD21	153 8P2FLD21 152
414 8P2FLD23	152 8P2FLD23 151
GRD	151 8P2FLD24 150
410 8P2FLD25	150 8P2FLD25 149
407 8P2FLD27	149 8P2FLD27 148
GRD	148 8P2FLD28 147
404 8P2FLD29	147 8P2FLD29 146
401 8P2FLD31	146 8P2FLD31 145
GRD	145 8P2FLD32 145
455 8P2FLD01	144 8P2FLD01 143
452 8P2FLD03	143 8P2FLD03 142
GRD	142 8P2FLD04 141
448 8P2FLD06	141 8P2FLD06 140
445 8P2FLD07	140 8P2FLD07 139
GRD	139 8P2FLD08 138
442 8P2FLD09	138 8P2FLD09 137
439 8P2FLD11	137 8P2FLD11 136
GRD	136 8P2FLD12 135
436 8P2FLD13	135 8P2FLD13 134
433 8P2FLD15	134 8P2FLD15 133
424 8P2FLD16	133 8P2FLD16 132
421 8P2FLD18	132 8P2FLD18 131
GRD	131 8P2FLD19 130
418 8P2FLD20	130 8P2FLD20 129
415 8P2FLD22	129 8P2FLD22 128
GRD	128 8P2FLD23 127
411 8P2FLD24	127 8P2FLD24 126
408 8P2FLD26	126 8P2FLD26 125
GRD	125 8P2FLD27 124
405 8P2FLD28	124 8P2FLD28 123
402 8P2FLD30	123 8P2FLD30 122
GRD	122 8P2FLD31 121
458 8P2FLD00	121 8P2FLD00 120
453 8P2FLD02	120 8P2FLD02 119
GRD	119 8P2FLD03 118
450 8P2FLD04	118 8P2FLD04 117
447 8P2FLD06	117 8P2FLD06 116
GRD	116 8P2FLD07 115
443 8P2FLD08	115 8P2FLD08 114
440 8P2FLD10	114 8P2FLD10 113
GRD	113 8P2FLD11 112
437 8P2FLD12	112 8P2FLD12 111
434 8P2FLD14	111 8P2FLD14 110
GRD	110 8P2FLD15 109

728-028
OPT (Y)

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COMMUNICATION MODULE, MODEL 2		ISSUE 17M
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CAD 25E ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU BAY 4

CAD 25F ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU BAY 4

TO CONNECTION	FROM CONNECTION
423 4PFLD17	124 4PFLD17 123
420 4PFLD19	123 4PFLD19 122
417 4PFLD21	121 4PFLD21 120
414 4PFLD23	119 4PFLD23 118
410 4PFLD25	117 4PFLD25 116
407 4PFLD27	115 4PFLD27 114
404 4PFLD29	113 4PFLD29 112
401 4PFLD31	111 4PFLD31 110
398 4PFLD33	109 4PFLD33 108
395 4PFLD35	107 4PFLD35 106
392 4PFLD37	105 4PFLD37 104
389 4PFLD39	103 4PFLD39 102
386 4PFLD41	101 4PFLD41 100
383 4PFLD43	99 4PFLD43 98
380 4PFLD45	97 4PFLD45 96
377 4PFLD47	95 4PFLD47 94
374 4PFLD49	93 4PFLD49 92
371 4PFLD51	91 4PFLD51 90
368 4PFLD53	89 4PFLD53 88
365 4PFLD55	87 4PFLD55 86
362 4PFLD57	85 4PFLD57 84
359 4PFLD59	83 4PFLD59 82
356 4PFLD61	81 4PFLD61 80
353 4PFLD63	79 4PFLD63 78
350 4PFLD65	77 4PFLD65 76
347 4PFLD67	75 4PFLD67 74
344 4PFLD69	73 4PFLD69 72
341 4PFLD71	71 4PFLD71 70
338 4PFLD73	69 4PFLD73 68
335 4PFLD75	67 4PFLD75 66
332 4PFLD77	65 4PFLD77 64
329 4PFLD79	63 4PFLD79 62
326 4PFLD81	61 4PFLD81 60
323 4PFLD83	59 4PFLD83 58
320 4PFLD85	57 4PFLD85 56
317 4PFLD87	55 4PFLD87 54
314 4PFLD89	53 4PFLD89 52
311 4PFLD91	51 4PFLD91 50
308 4PFLD93	49 4PFLD93 48
305 4PFLD95	47 4PFLD95 46
302 4PFLD97	45 4PFLD97 44
299 4PFLD99	43 4PFLD99 42
296 4PFLD101	41 4PFLD101 40
293 4PFLD103	39 4PFLD103 38
290 4PFLD105	37 4PFLD105 36
287 4PFLD107	35 4PFLD107 34
284 4PFLD109	33 4PFLD109 32
281 4PFLD111	31 4PFLD111 30
278 4PFLD113	29 4PFLD113 28
275 4PFLD115	27 4PFLD115 26
272 4PFLD117	25 4PFLD117 24
269 4PFLD119	23 4PFLD119 22
266 4PFLD121	21 4PFLD121 20
263 4PFLD123	19 4PFLD123 18
260 4PFLD125	17 4PFLD125 16
257 4PFLD127	15 4PFLD127 14
254 4PFLD129	13 4PFLD129 12
251 4PFLD131	11 4PFLD131 10
248 4PFLD133	9 4PFLD133 8
245 4PFLD135	7 4PFLD135 6
242 4PFLD137	5 4PFLD137 4
239 4PFLD139	3 4PFLD139 2
236 4PFLD141	1 4PFLD141 0
233 4PFLD143	0 4PFLD143 000

TO CONNECTION	FROM CONNECTION
423 4PFLD17	124 4PFLD17 123
420 4PFLD19	123 4PFLD19 122
417 4PFLD21	121 4PFLD21 120
414 4PFLD23	119 4PFLD23 118
410 4PFLD25	117 4PFLD25 116
407 4PFLD27	115 4PFLD27 114
404 4PFLD29	113 4PFLD29 112
401 4PFLD31	111 4PFLD31 110
398 4PFLD33	109 4PFLD33 108
395 4PFLD35	107 4PFLD35 106
392 4PFLD37	105 4PFLD37 104
389 4PFLD39	103 4PFLD39 102
386 4PFLD41	101 4PFLD41 100
383 4PFLD43	99 4PFLD43 98
380 4PFLD45	97 4PFLD45 96
377 4PFLD47	95 4PFLD47 94
374 4PFLD49	93 4PFLD49 92
371 4PFLD51	91 4PFLD51 90
368 4PFLD53	89 4PFLD53 88
365 4PFLD55	87 4PFLD55 86
362 4PFLD57	85 4PFLD57 84
359 4PFLD59	83 4PFLD59 82
356 4PFLD61	81 4PFLD61 80
353 4PFLD63	79 4PFLD63 78
350 4PFLD65	77 4PFLD65 76
347 4PFLD67	75 4PFLD67 74
344 4PFLD69	73 4PFLD69 72
341 4PFLD71	71 4PFLD71 70
338 4PFLD73	69 4PFLD73 68
335 4PFLD75	67 4PFLD75 66
332 4PFLD77	65 4PFLD77 64
329 4PFLD79	63 4PFLD79 62
326 4PFLD81	61 4PFLD81 60
323 4PFLD83	59 4PFLD83 58
320 4PFLD85	57 4PFLD85 56
317 4PFLD87	55 4PFLD87 54
314 4PFLD89	53 4PFLD89 52
311 4PFLD91	51 4PFLD91 50
308 4PFLD93	49 4PFLD93 48
305 4PFLD95	47 4PFLD95 46
302 4PFLD97	45 4PFLD97 44
299 4PFLD99	43 4PFLD99 42
296 4PFLD101	41 4PFLD101 40
293 4PFLD103	39 4PFLD103 38
290 4PFLD105	37 4PFLD105 36
287 4PFLD107	35 4PFLD107 34
284 4PFLD109	33 4PFLD109 32
281 4PFLD111	31 4PFLD111 30
278 4PFLD113	29 4PFLD113 28
275 4PFLD115	27 4PFLD115 26
272 4PFLD117	25 4PFLD117 24
269 4PFLD119	23 4PFLD119 22
266 4PFLD121	21 4PFLD121 20
263 4PFLD123	19 4PFLD123 18
260 4PFLD125	17 4PFLD125 16
257 4PFLD127	15 4PFLD127 14
254 4PFLD129	13 4PFLD129 12
251 4PFLD131	11 4PFLD131 10
248 4PFLD133	9 4PFLD133 8
245 4PFLD135	7 4PFLD135 6
242 4PFLD137	5 4PFLD137 4
239 4PFLD139	3 4PFLD139 2
236 4PFLD141	1 4PFLD141 0
233 4PFLD143	0 4PFLD143 000

TO CONNECTION	FROM CONNECTION
423 4PFLD17	124 4PFLD17 123
420 4PFLD19	123 4PFLD19 122
417 4PFLD21	121 4PFLD21 120
414 4PFLD23	119 4PFLD23 118
410 4PFLD25	117 4PFLD25 116
407 4PFLD27	115 4PFLD27 114
404 4PFLD29	113 4PFLD29 112
401 4PFLD31	111 4PFLD31 110
398 4PFLD33	109 4PFLD33 108
395 4PFLD35	107 4PFLD35 106
392 4PFLD37	105 4PFLD37 104
389 4PFLD39	103 4PFLD39 102
386 4PFLD41	101 4PFLD41 100
383 4PFLD43	99 4PFLD43 98
380 4PFLD45	97 4PFLD45 96
377 4PFLD47	95 4PFLD47 94
374 4PFLD49	93 4PFLD49 92
371 4PFLD51	91 4PFLD51 90
368 4PFLD53	89 4PFLD53 88
365 4PFLD55	87 4PFLD55 86
362 4PFLD57	85 4PFLD57 84
359 4PFLD59	83 4PFLD59 82
356 4PFLD61	81 4PFLD61 80
353 4PFLD63	79 4PFLD63 78
350 4PFLD65	77 4PFLD65 76
347 4PFLD67	75 4PFLD67 74
344 4PFLD69	73 4PFLD69 72
341 4PFLD71	71 4PFLD71 70
338 4PFLD73	69 4PFLD73 68
335 4PFLD75	67 4PFLD75 66
332 4PFLD77	65 4PFLD77 64
329 4PFLD79	63 4PFLD79 62
326 4PFLD81	61 4PFLD81 60
323 4PFLD83	59 4PFLD83 58
320 4PFLD85	57 4PFLD85 56
317 4PFLD87	55 4PFLD87 54
314 4PFLD89	53 4PFLD89 52
311 4PFLD91	51 4PFLD91 50
308 4PFLD93	49 4PFLD93 48
305 4PFLD95	47 4PFLD95 46
302 4PFLD97	45 4PFLD97 44
299 4PFLD99	43 4PFLD99 42
296 4PFLD101	41 4PFLD101 40
293 4PFLD103	39 4PFLD103 38
290 4PFLD105	37 4PFLD105 36
287 4PFLD107	35 4PFLD107 34
284 4PFLD109	33 4PFLD109 32
281 4PFLD111	31 4PFLD111 30
278 4PFLD113	29 4PFLD113 28
275 4PFLD115	27 4PFLD115 26
272 4PFLD117	25 4PFLD117 24
269 4PFLD119	23 4PFLD119 22
266 4PFLD121	21 4PFLD121 20
263 4PFLD123	19 4PFLD123 18
260 4PFLD125	17 4PFLD125 16
257 4PFLD127	15 4PFLD127 14
254 4PFLD129	13 4PFLD129 12
251 4PFLD131	11 4PFLD131 10
248 4PFLD133	9 4PFLD133 8
245 4PFLD135	7 4PFLD135 6
242 4PFLD137	5 4PFLD137 4
239 4PFLD139	3 4PFLD139 2
236 4PFLD141	1 4PFLD141 0
233 4PFLD143	0 4PFLD143 000

TO CONNECTION	FROM CONNECTION
423 4PFLD17	156 4PFLD17 155
420 4PFLD19	154 4PFLD19 153
417 4PFLD21	152 4PFLD21 151
414 4PFLD23	150 4PFLD23 149
410 4PFLD25	148 4PFLD25 147
407 4PFLD27	146 4PFLD27 145
404 4PFLD29	144 4PFLD29 143
401 4PFLD31	142 4PFLD31 141
398 4PFLD33	140 4PFLD33 139
395 4PFLD35	138 4PFLD35 137
392 4PFLD37	136 4PFLD37 135
389 4PFLD39	134 4PFLD39 133
386 4PFLD41	132 4PFLD41 131
383 4PFLD43	130 4PFLD43 129
380 4PFLD45	128 4PFLD45 127
377 4PFLD47	126 4PFLD47 125
374 4PFLD49	124 4PFLD49 123
371 4PFLD51	122 4PFLD51 121
368 4PFLD53	120 4PFLD53 119
365 4PFLD55	118 4PFLD55 117
362 4PFLD57	116 4PFLD57 115
359 4PFLD59	114 4PFLD59 113
356 4PFLD61	112 4PFLD61 111
353 4PFLD63	110 4PFLD63 109
350 4PFLD65	108 4PFLD65 107
347 4PFLD67	106 4PFLD67 105
344 4PFLD69	104 4PFLD69 103
341 4PFLD71	102 4PFLD71 101
338 4PFLD73	100 4PFLD73 99
335 4PFLD75	98 4PFLD75 97
332 4PFLD77	96 4PFLD77 95
329 4PFLD79	94 4PFLD79 93
326 4PFLD81	92 4PFLD81 91
323 4PFLD83	90 4PFLD83 89
320 4PFLD85	88 4PFLD85 87
317 4PFLD87	86 4PFLD87 85
314 4PFLD89	84 4PFLD89 83
311 4PFLD91	82 4PFLD91 81
308 4PFLD93	80 4PFLD93 79
305 4PFLD95	78 4PFLD95 77
302 4PFLD97	76 4PFLD97 75
299 4PFLD99	74 4PFLD99 73
296 4PFLD101	72 4PFLD101 71
293 4PFLD103	70 4PFLD103 69
290 4PFLD105	68 4PFLD105 67
287 4PFLD107	66 4PFLD107 65
284 4PFLD109	64 4PFLD109 63
281 4PFLD111	62 4PFLD111 61
278 4PFLD113	60 4PFLD113 59
275 4PFLD115	58 4PFLD115 57
272 4PFLD117	56 4PFLD117 55
269 4PFLD119	54 4PFLD119 53
266 4PFLD121	52 4PFLD121 51
263 4PFLD123	50 4PFLD123 49
260 4PFLD125	48 4PFLD125 47
257 4PFLD127	46 4PFLD127 45
254 4PFLD129	44 4PFLD129 43
251 4PFLD131	42 4PFLD131 41
248 4PFLD133	40 4PFLD133 39
245 4PFLD135	38 4PFLD135 37
242 4PFLD137	36 4PFLD137 35
239 4PFLD139	34 4PFLD139 33
236 4PFLD141	32 4PFLD141 31
233 4PFLD143	30 4PFLD143 29

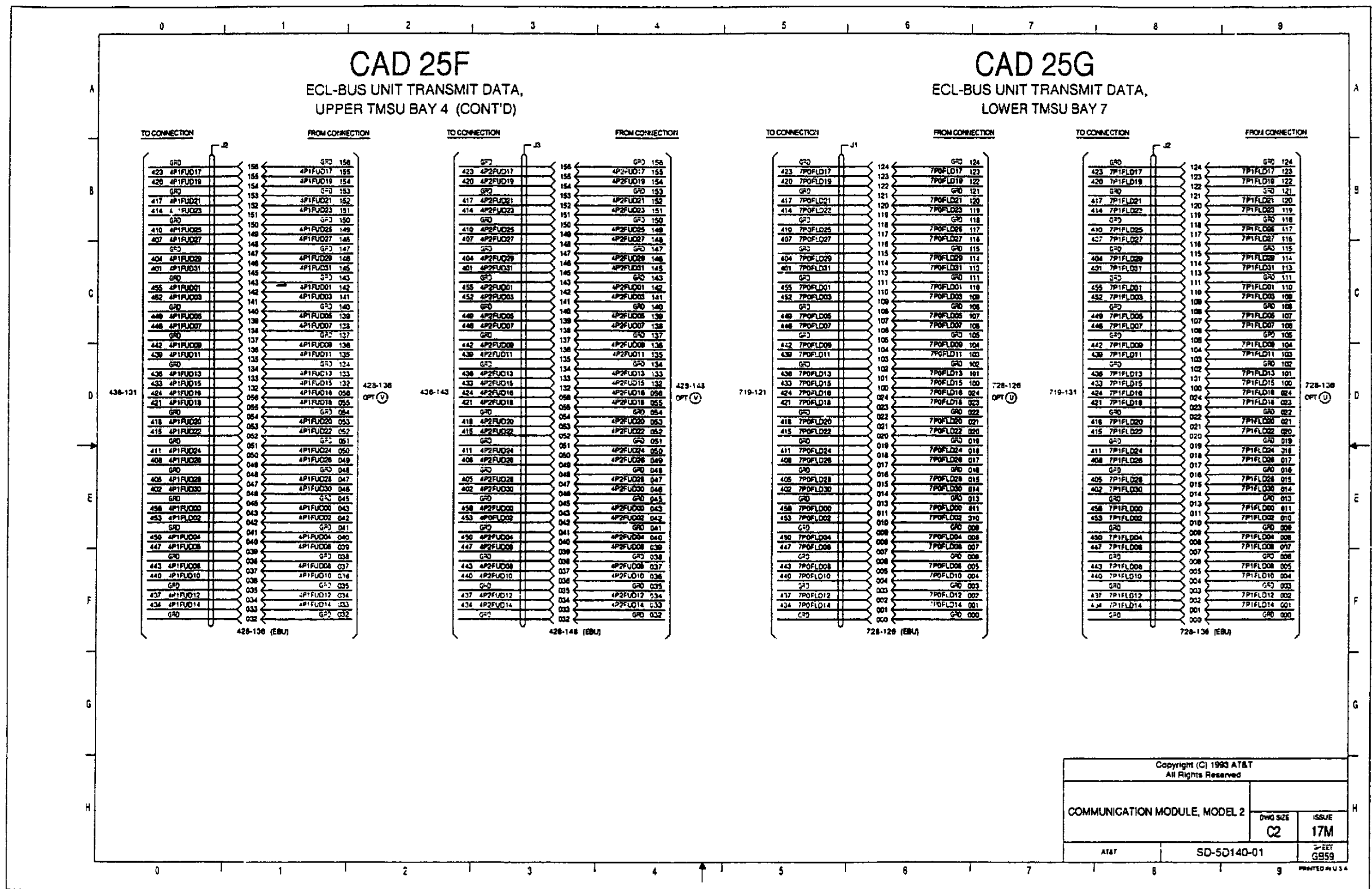
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COMMUNICATION MODULE, MODEL 2

AT&T SD-50140-01

DWG SIZE C2 ISSUE 17M SHEET GB58

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B

A



A

B

CAD 25G ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU BAY 7 (CONT'D)

TO CONNECTION	FROM CONNECTION
423 7P2FLD17	124 G23 124
420 7P2FLD19	123 7P2FLD17 123
G20	122 7P2FLD19 122
417 7P2FLD21	121 G23 121
414 7P2FLD23	120 7P2FLD21 120
G20	119 7P2FLD23 119
410 7P2FLD25	118 G23 118
407 7P2FLD27	117 7P2FLD25 117
G20	116 7P2FLD27 116
404 7P2FLD29	115 G23 115
401 7P2FLD31	114 7P2FLD29 114
G20	113 7P2FLD31 113
455 7P2FLD01	112 G20 111
452 7P2FLD03	111 7P2FLD01 110
G20	110 7P2FLD03 109
448 7P2FLD05	109 G23 108
445 7P2FLD07	108 7P2FLD05 107
G20	107 7P2FLD07 106
442 7P2FLD09	106 G20 105
439 7P2FLD11	105 7P2FLD09 104
G20	104 7P2FLD11 103
436 7P2FLD13	103 G23 102
433 7P2FLD15	102 7P2FLD13 101
424 7P2FLD18	101 7P2FLD15 100
421 7P2FLD16	100 7P2FLD18 094
G20	094 7P2FLD16 093
418 7P2FLD20	093 G23 092
415 7P2FLD22	092 7P2FLD20 091
G20	091 7P2FLD22 090
411 7P2FLD24	090 G20 089
408 7P2FLD26	089 7P2FLD24 088
G20	088 7P2FLD26 087
405 7P2FLD28	087 G23 086
402 7P2FLD30	086 7P2FLD28 085
G20	085 7P2FLD30 084
458 7P2FLD00	084 G20 083
453 7P2FLD02	083 7P2FLD00 082
G20	082 7P2FLD02 081
450 7P2FLD04	081 G23 080
447 7P2FLD06	080 7P2FLD04 079
G20	079 7P2FLD06 078
443 7P2FLD08	078 G20 077
440 7P2FLD10	077 7P2FLD08 076
G20	076 7P2FLD10 075
437 7P2FLD12	075 G23 074
434 7P2FLD14	074 7P2FLD12 073
G20	073 7P2FLD14 072

728-148 (E8U)

TO CONNECTION	FROM CONNECTION
423 7P2FLD17	156 G20 156
420 7P2FLD19	155 7P2FLD17 155
G20	154 7P2FLD19 154
417 7P2FLD21	153 G23 153
414 7P2FLD23	152 7P2FLD21 152
G20	151 7P2FLD23 151
410 7P2FLD25	150 G20 150
407 7P2FLD27	149 7P2FLD25 148
G20	148 7P2FLD27 148
404 7P2FLD29	147 G20 147
401 7P2FLD31	146 7P2FLD29 146
G20	145 7P2FLD31 145
455 7P2FLD01	144 G20 143
452 7P2FLD03	143 7P2FLD01 142
G20	142 7P2FLD03 141
448 7P2FLD05	141 G20 140
445 7P2FLD07	140 7P2FLD05 139
G20	139 7P2FLD07 138
442 7P2FLD09	138 G20 137
439 7P2FLD11	137 7P2FLD09 136
G20	136 7P2FLD11 135
436 7P2FLD13	135 G20 134
433 7P2FLD15	134 7P2FLD13 133
424 7P2FLD18	133 7P2FLD15 132
421 7P2FLD16	132 7P2FLD18 096
G20	096 7P2FLD16 095
418 7P2FLD20	095 G20 094
415 7P2FLD22	094 7P2FLD20 093
G20	093 7P2FLD22 092
411 7P2FLD24	092 G20 091
408 7P2FLD26	091 7P2FLD24 090
G20	090 7P2FLD26 089
405 7P2FLD28	089 G20 088
402 7P2FLD30	088 7P2FLD28 087
G20	087 7P2FLD30 086
458 7P2FLD00	086 G20 085
453 7P2FLD02	085 7P2FLD00 084
G20	084 7P2FLD02 083
450 7P2FLD04	083 G20 082
447 7P2FLD06	082 7P2FLD04 081
G20	081 7P2FLD06 080
443 7P2FLD08	080 G20 079
440 7P2FLD10	079 7P2FLD08 078
G20	078 7P2FLD10 077
437 7P2FLD12	077 G20 076
434 7P2FLD14	076 7P2FLD12 075
G20	075 7P2FLD14 074

728-126 (E8U)

CAD 25H ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU BAY 7

TO CONNECTION	FROM CONNECTION
423 7P1FUD17	156 G20 156
420 7P1FUD19	155 7P1FUD17 155
G20	154 7P1FUD19 154
417 7P1FUD21	153 G20 153
414 7P1FUD23	152 7P1FUD21 152
G20	151 7P1FUD23 151
410 7P1FUD25	150 G20 150
407 7P1FUD27	149 7P1FUD25 148
G20	148 7P1FUD27 148
404 7P1FUD29	147 G20 147
401 7P1FUD31	146 7P1FUD29 146
G20	145 7P1FUD31 145
455 7P1FUD01	144 G20 143
452 7P1FUD03	143 7P1FUD01 142
G20	142 7P1FUD03 141
448 7P1FUD05	141 G20 140
445 7P1FUD07	140 7P1FUD05 139
G20	139 7P1FUD07 138
442 7P1FUD09	138 G20 137
439 7P1FUD11	137 7P1FUD09 136
G20	136 7P1FUD11 135
436 7P1FUD13	135 G20 134
433 7P1FUD15	134 7P1FUD13 133
424 7P1FUD18	133 7P1FUD15 132
421 7P1FUD16	132 7P1FUD18 096
G20	096 7P1FUD16 095
418 7P1FUD20	095 G20 094
415 7P1FUD22	094 7P1FUD20 093
G20	093 7P1FUD22 092
411 7P1FUD24	092 G20 091
408 7P1FUD26	091 7P1FUD24 090
G20	090 7P1FUD26 089
405 7P1FUD28	089 G20 088
402 7P1FUD30	088 7P1FUD28 087
G20	087 7P1FUD30 086
458 7P1FUD00	086 G20 085
453 7P1FUD02	085 7P1FUD00 084
G20	084 7P1FUD02 083
450 7P1FUD04	083 G20 082
447 7P1FUD06	082 7P1FUD04 081
G20	081 7P1FUD06 080
443 7P1FUD08	080 G20 079
440 7P1FUD10	079 7P1FUD08 078
G20	078 7P1FUD10 077
437 7P1FUD12	077 G20 076
434 7P1FUD14	076 7P1FUD12 075
G20	075 7P1FUD14 074

728-136 (E8U)

TO CONNECTION	FROM CONNECTION
423 7P2FLD17	156 G23 156
420 7P2FLD19	155 7P2FLD17 155
G20	154 7P2FLD19 154
417 7P2FLD21	153 G20 153
414 7P2FLD23	152 7P2FLD21 152
G20	151 7P2FLD23 151
410 7P2FLD25	150 G20 150
407 7P2FLD27	149 7P2FLD25 148
G20	148 7P2FLD27 148
404 7P2FLD29	147 G20 147
401 7P2FLD31	146 7P2FLD29 146
G20	145 7P2FLD31 145
455 7P2FLD01	144 G20 143
452 7P2FLD03	143 7P2FLD01 142
G20	142 7P2FLD03 141
448 7P2FLD05	141 G20 140
445 7P2FLD07	140 7P2FLD05 139
G20	139 7P2FLD07 138
442 7P2FLD09	138 G20 137
439 7P2FLD11	137 7P2FLD09 136
G20	136 7P2FLD11 135
436 7P2FLD13	135 G20 134
433 7P2FLD15	134 7P2FLD13 133
424 7P2FLD18	133 7P2FLD15 132
421 7P2FLD16	132 7P2FLD18 096
G20	096 7P2FLD16 095
418 7P2FLD20	095 G20 094
415 7P2FLD22	094 7P2FLD20 093
G20	093 7P2FLD22 092
411 7P2FLD24	092 G20 091
408 7P2FLD26	091 7P2FLD24 090
G20	090 7P2FLD26 089
405 7P2FLD28	089 G20 088
402 7P2FLD30	088 7P2FLD28 087
G20	087 7P2FLD30 086
458 7P2FLD00	086 G20 085
453 7P2FLD02	085 7P2FLD00 084
G20	084 7P2FLD02 083
450 7P2FLD04	083 G20 082
447 7P2FLD06	082 7P2FLD04 081
G20	081 7P2FLD06 080
443 7P2FLD08	080 G20 079
440 7P2FLD10	079 7P2FLD08 078
G20	078 7P2FLD10 077
437 7P2FLD12	077 G20 076
434 7P2FLD14	076 7P2FLD12 075
G20	075 7P2FLD14 074

728-148 (E8U)

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CAD 25J ECL-BUS UNIT TRANSMIT DATA, LOWER TMSU BAY 3

TO CONNECTION	FROM CONNECTION
423 3P2FLD17	124 GND 124
420 3P2FLD19	123 3P2FLD17 123
GND	122 3P2FLD19 122
417 3P2FLD21	121 GND 121
414 3P2FLD23	120 3P2FLD21 120
GND	119 3P2FLD23 119
410 3P2FLD25	118 GND 118
407 3P2FLD27	117 3P2FLD25 117
GND	116 3P2FLD27 116
404 3P2FLD29	115 GND 115
401 3P2FLD31	114 3P2FLD29 114
GND	113 3P2FLD31 113
456 3P2FLD01	112 GND 112
452 3P2FLD03	111 3P2FLD01 111
GND	110 3P2FLD03 110
449 3P2FLD05	109 GND 109
446 3P2FLD07	108 3P2FLD05 108
GND	107 3P2FLD07 107
442 3P2FLD09	106 GND 106
439 3P2FLD11	105 3P2FLD09 105
GND	104 3P2FLD11 104
436 3P2FLD13	103 GND 103
433 3P2FLD15	102 3P2FLD13 102
424 3P2FLD16	101 3P2FLD15 101
421 3P2FLD18	100 3P2FLD16 100
GND	099 3P2FLD18 099
418 3P2FLD20	098 GND 098
415 3P2FLD22	097 3P2FLD20 097
GND	096 3P2FLD22 096
411 3P2FLD24	095 GND 095
408 3P2FLD26	094 3P2FLD24 094
GND	093 3P2FLD26 093
405 3P2FLD28	092 GND 092
402 3P2FLD30	091 3P2FLD28 091
GND	090 3P2FLD30 090
458 3P2FLD00	089 GND 089
453 3P2FLD02	088 3P2FLD00 088
GND	087 3P2FLD02 087
450 3P2FLD04	086 GND 086
447 3P2FLD06	085 3P2FLD04 085
GND	084 3P2FLD06 084
443 3P2FLD08	083 GND 083
440 3P2FLD10	082 3P2FLD08 082
GND	081 3P2FLD10 081
437 3P2FLD12	080 GND 080
434 3P2FLD14	079 3P2FLD12 079
GND	078 3P2FLD14 078

TO CONNECTION	FROM CONNECTION
423 3P2FLD17	124 GND 124
420 3P2FLD19	123 3P2FLD17 123
GND	122 3P2FLD19 122
417 3P2FLD21	121 GND 121
414 3P2FLD23	120 3P2FLD21 120
GND	119 3P2FLD23 119
410 3P2FLD25	118 GND 118
407 3P2FLD27	117 3P2FLD25 117
GND	116 3P2FLD27 116
404 3P2FLD29	115 GND 115
401 3P2FLD31	114 3P2FLD29 114
GND	113 3P2FLD31 113
456 3P2FLD01	112 GND 112
452 3P2FLD03	111 3P2FLD01 111
GND	110 3P2FLD03 110
449 3P2FLD05	109 GND 109
446 3P2FLD07	108 3P2FLD05 108
GND	107 3P2FLD07 107
442 3P2FLD09	106 GND 106
439 3P2FLD11	105 3P2FLD09 105
GND	104 3P2FLD11 104
436 3P2FLD13	103 GND 103
433 3P2FLD15	102 3P2FLD13 102
424 3P2FLD16	101 3P2FLD15 101
421 3P2FLD18	100 3P2FLD16 100
GND	099 3P2FLD18 099
418 3P2FLD20	098 GND 098
415 3P2FLD22	097 3P2FLD20 097
GND	096 3P2FLD22 096
411 3P2FLD24	095 GND 095
408 3P2FLD26	094 3P2FLD24 094
GND	093 3P2FLD26 093
405 3P2FLD28	092 GND 092
402 3P2FLD30	091 3P2FLD28 091
GND	090 3P2FLD30 090
458 3P2FLD00	089 GND 089
453 3P2FLD02	088 3P2FLD00 088
GND	087 3P2FLD02 087
450 3P2FLD04	086 GND 086
447 3P2FLD06	085 3P2FLD04 085
GND	084 3P2FLD06 084
443 3P2FLD08	083 GND 083
440 3P2FLD10	082 3P2FLD08 082
GND	081 3P2FLD10 081
437 3P2FLD12	080 GND 080
434 3P2FLD14	079 3P2FLD12 079
GND	078 3P2FLD14 078

TO CONNECTION	FROM CONNECTION
423 3P2FLD17	124 GND 124
420 3P2FLD19	123 3P2FLD17 123
GND	122 3P2FLD19 122
417 3P2FLD21	121 GND 121
414 3P2FLD23	120 3P2FLD21 120
GND	119 3P2FLD23 119
410 3P2FLD25	118 GND 118
407 3P2FLD27	117 3P2FLD25 117
GND	116 3P2FLD27 116
404 3P2FLD29	115 GND 115
401 3P2FLD31	114 3P2FLD29 114
GND	113 3P2FLD31 113
456 3P2FLD01	112 GND 112
452 3P2FLD03	111 3P2FLD01 111
GND	110 3P2FLD03 110
449 3P2FLD05	109 GND 109
446 3P2FLD07	108 3P2FLD05 108
GND	107 3P2FLD07 107
442 3P2FLD09	106 GND 106
439 3P2FLD11	105 3P2FLD09 105
GND	104 3P2FLD11 104
436 3P2FLD13	103 GND 103
433 3P2FLD15	102 3P2FLD13 102
424 3P2FLD16	101 3P2FLD15 101
421 3P2FLD18	100 3P2FLD16 100
GND	099 3P2FLD18 099
418 3P2FLD20	098 GND 098
415 3P2FLD22	097 3P2FLD20 097
GND	096 3P2FLD22 096
411 3P2FLD24	095 GND 095
408 3P2FLD26	094 3P2FLD24 094
GND	093 3P2FLD26 093
405 3P2FLD28	092 GND 092
402 3P2FLD30	091 3P2FLD28 091
GND	090 3P2FLD30 090
458 3P2FLD00	089 GND 089
453 3P2FLD02	088 3P2FLD00 088
GND	087 3P2FLD02 087
450 3P2FLD04	086 GND 086
447 3P2FLD06	085 3P2FLD04 085
GND	084 3P2FLD06 084
443 3P2FLD08	083 GND 083
440 3P2FLD10	082 3P2FLD08 082
GND	081 3P2FLD10 081
437 3P2FLD12	080 GND 080
434 3P2FLD14	079 3P2FLD12 079
GND	078 3P2FLD14 078

CAD 25K ECL-BUS UNIT TRANSMIT DATA, UPPER TMSU BAY 3

TO CONNECTION	FROM CONNECTION
423 3P2FLD17	156 GND 156
420 3P2FLD19	155 3P2FLD17 155
GND	154 3P2FLD19 154
417 3P2FLD21	153 GND 153
414 3P2FLD23	152 3P2FLD21 152
GND	151 3P2FLD23 151
410 3P2FLD25	150 GND 150
407 3P2FLD27	149 3P2FLD25 149
GND	148 3P2FLD27 148
404 3P2FLD29	147 GND 147
401 3P2FLD31	146 3P2FLD29 146
GND	145 3P2FLD31 145
456 3P2FLD01	144 GND 144
452 3P2FLD03	143 3P2FLD01 143
GND	142 3P2FLD03 142
449 3P2FLD05	141 GND 141
446 3P2FLD07	140 3P2FLD05 140
GND	139 3P2FLD07 139
442 3P2FLD09	138 GND 138
439 3P2FLD11	137 3P2FLD09 137
GND	136 3P2FLD11 136
436 3P2FLD13	135 GND 135
433 3P2FLD15	134 3P2FLD13 134
424 3P2FLD16	133 3P2FLD15 133
421 3P2FLD18	132 3P2FLD16 132
GND	131 3P2FLD18 131
418 3P2FLD20	130 GND 130
415 3P2FLD22	129 3P2FLD20 129
GND	128 3P2FLD22 128
411 3P2FLD24	127 GND 127
408 3P2FLD26	126 3P2FLD24 126
GND	125 3P2FLD26 125
405 3P2FLD28	124 GND 124
402 3P2FLD30	123 3P2FLD28 123
GND	122 3P2FLD30 122
458 3P2FLD00	121 GND 121
453 3P2FLD02	120 3P2FLD00 120
GND	119 3P2FLD02 119
450 3P2FLD04	118 GND 118
447 3P2FLD06	117 3P2FLD04 117
GND	116 3P2FLD06 116
443 3P2FLD08	115 GND 115
440 3P2FLD10	114 3P2FLD08 114
GND	113 3P2FLD10 113
437 3P2FLD12	112 GND 112
434 3P2FLD14	111 3P2FLD12 111
GND	110 3P2FLD14 110

ECL-BUS UNIT TRANSMIT DATA,
UPPER TMSU BAY 3 (CONT'D)

329-136
OPT (T)

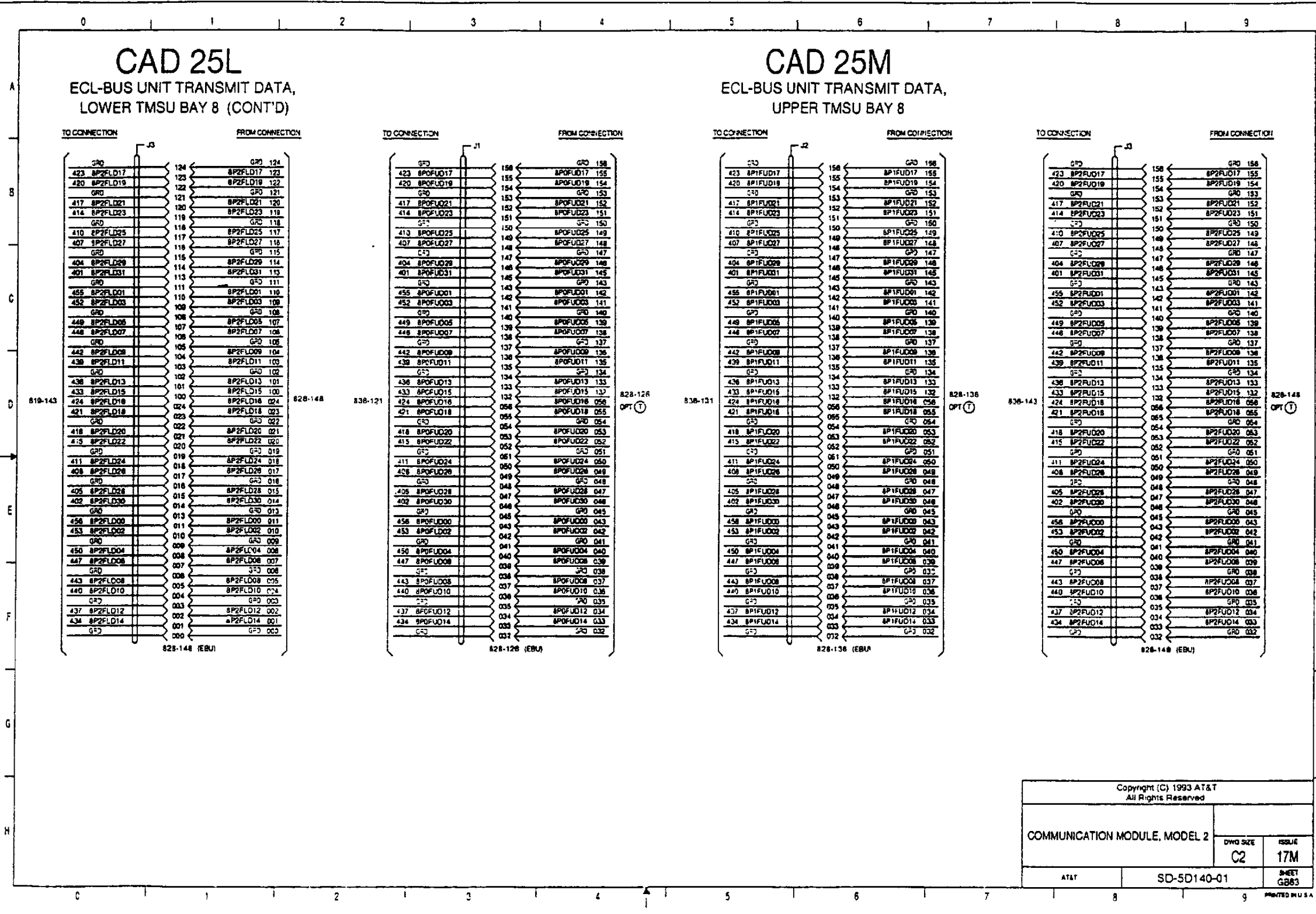
328-148
OPT (T)

ECL-BUS UNIT TRANSMIT DATA,
LOWER TMSU BAY 8

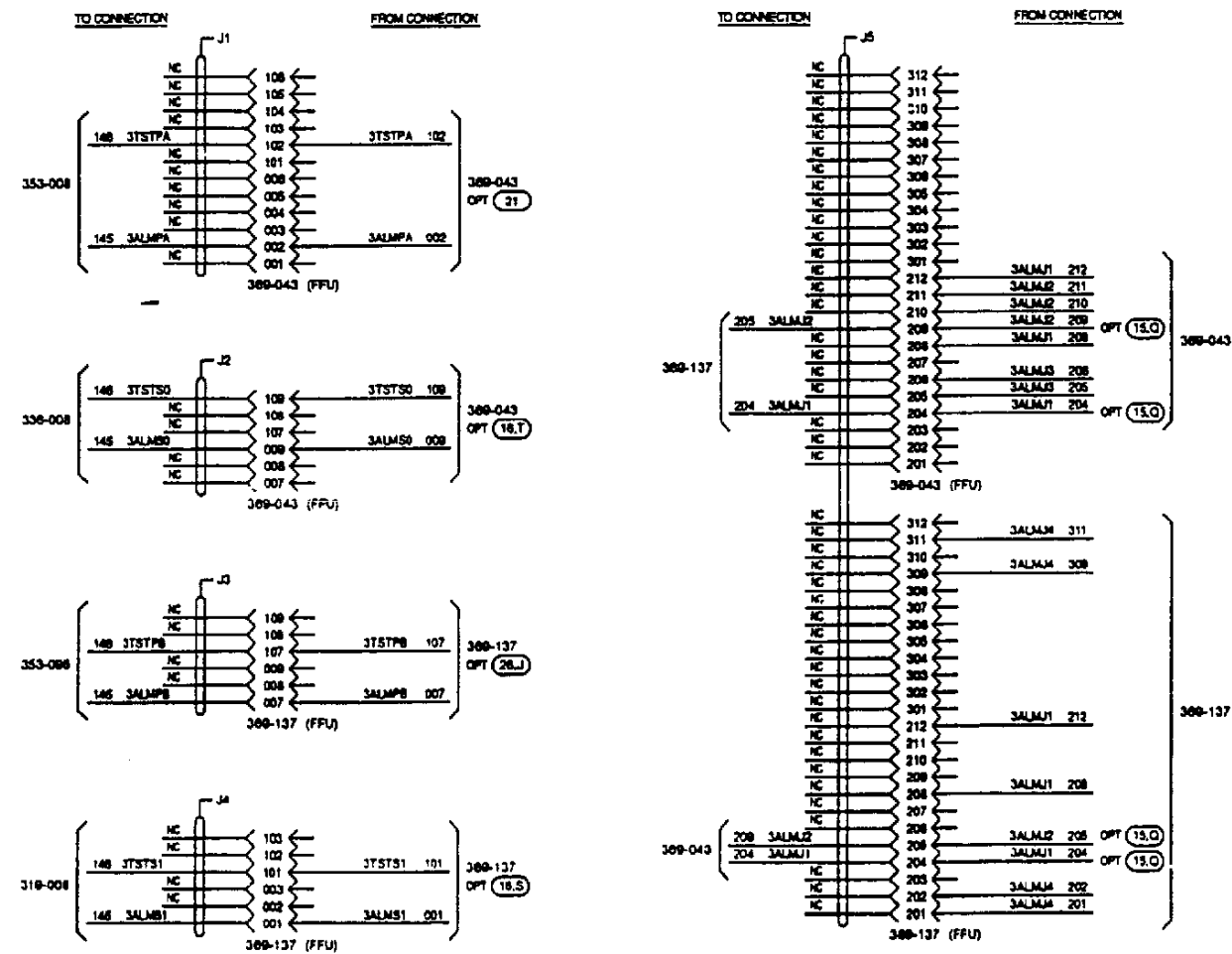
828-128

828-138

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		C2	17M
AT&T	SD-5D140-01	SHEET 02-52	



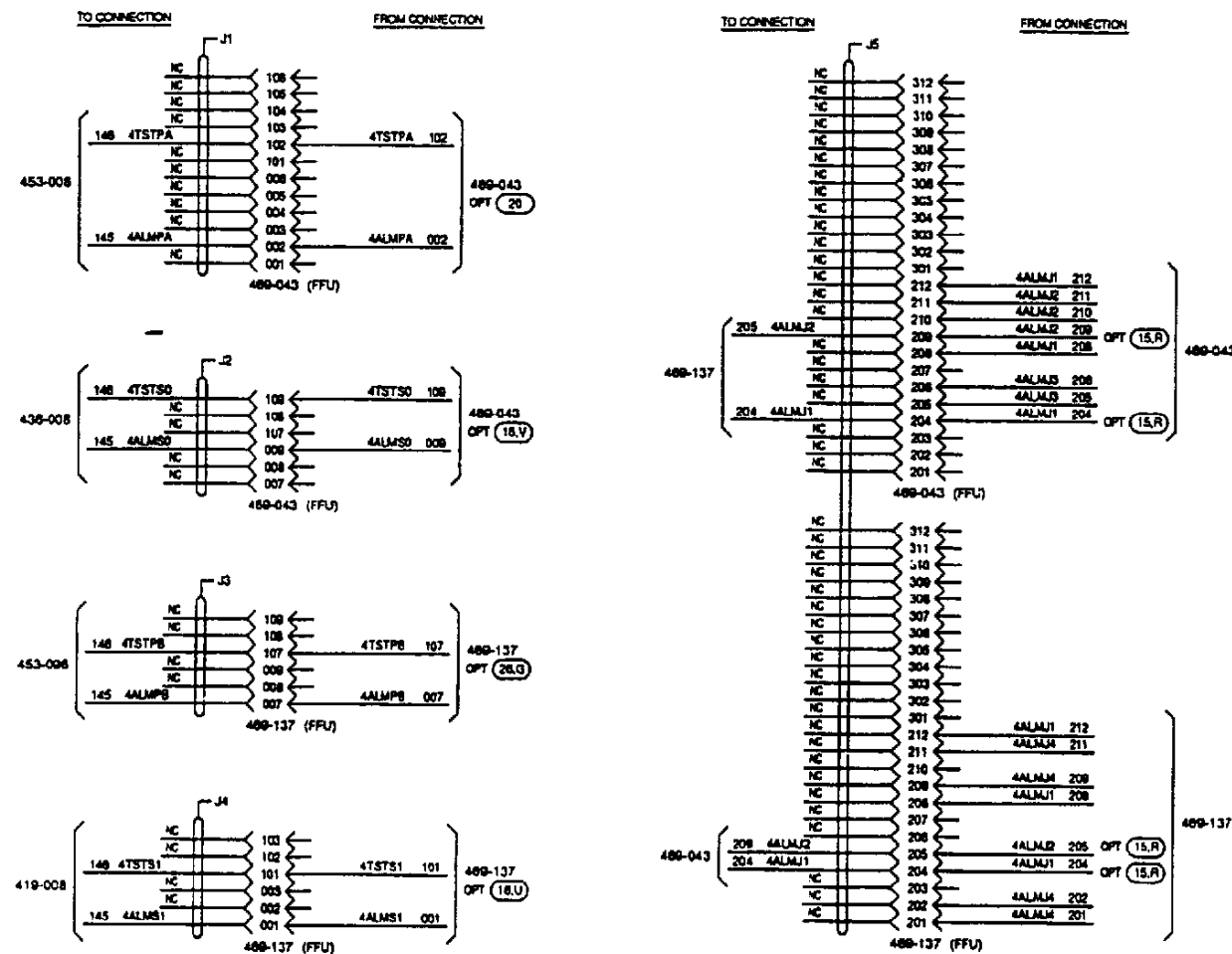
CAD 26A FUSE ALARM CABLE, BAY 3



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		17M
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CAD 26B FUSE ALARM CABLE, BAY 4



CAD 26C

FUSE ALARM CABLE, BAY 5

TO CONNECTION

FROM CONNECTION

J1

528-008 148 STSTCC 108 536-008 048 STSTFN 104 545-008 148 STSTMB 103 553-008 148 STSTPA 102 545-088 148 STSTMA 101 528-008 145 SALMCC 008 536-008 045 SALMFN 004 545-008 145 SALMMB 003 553-008 145 SALMPA 002 545-088 145 SALMMA 001	108 STSTCC 108 104 STSTFN 104 103 STSTMB 103 102 STSTPA 102 101 STSTMA 101 008 SALMCC 008 004 SALMFN 004 003 SALMMB 003 002 SALMPA 002 001 SALMMA 001
---	---

589-043 (FFU)

J2

536-008 148 STSTSO 108 528-048 237 SALMCLK 007	108 STSTSO 108 107 SALMSO 009 008 SALMCLK 007
--	--

589-043 (FFU)

J3

553-008 148 STSTPB 107 145 SALMPB 007	107 STSTPB 107 008 SALMPB 007
---	---

589-137 (FFU)

J4

519-008 148 STSTS1 103 145 SALMS1 001	103 STSTS1 101 003 SALMS1 001
---	---

589-137 (FFU)

TO CONNECTION

FROM CONNECTION

J5

589-137 205 SALMA2 205 589-043 204 SALMA1 204	312 311 310 309 308 307 306 305 304 303 302 301 212 SALMA2 212 211 SALMA2 211 210 SALMA2 210 209 SALMA2 209 208 SALMA2 208 207 SALMA2 207 206 SALMA2 206 205 SALMA2 205 204 SALMA1 204 203 202 201 212 SALMA1 212 211 SALMA1 211 210 SALMA1 210 209 SALMA1 209 208 SALMA1 208 207 206 SALMA2 206 205 SALMA1 205 204 SALMA1 204 203 SALMA1 203 202 SALMA1 202 201 SALMA1 201
---	---

589-043 (FFU)

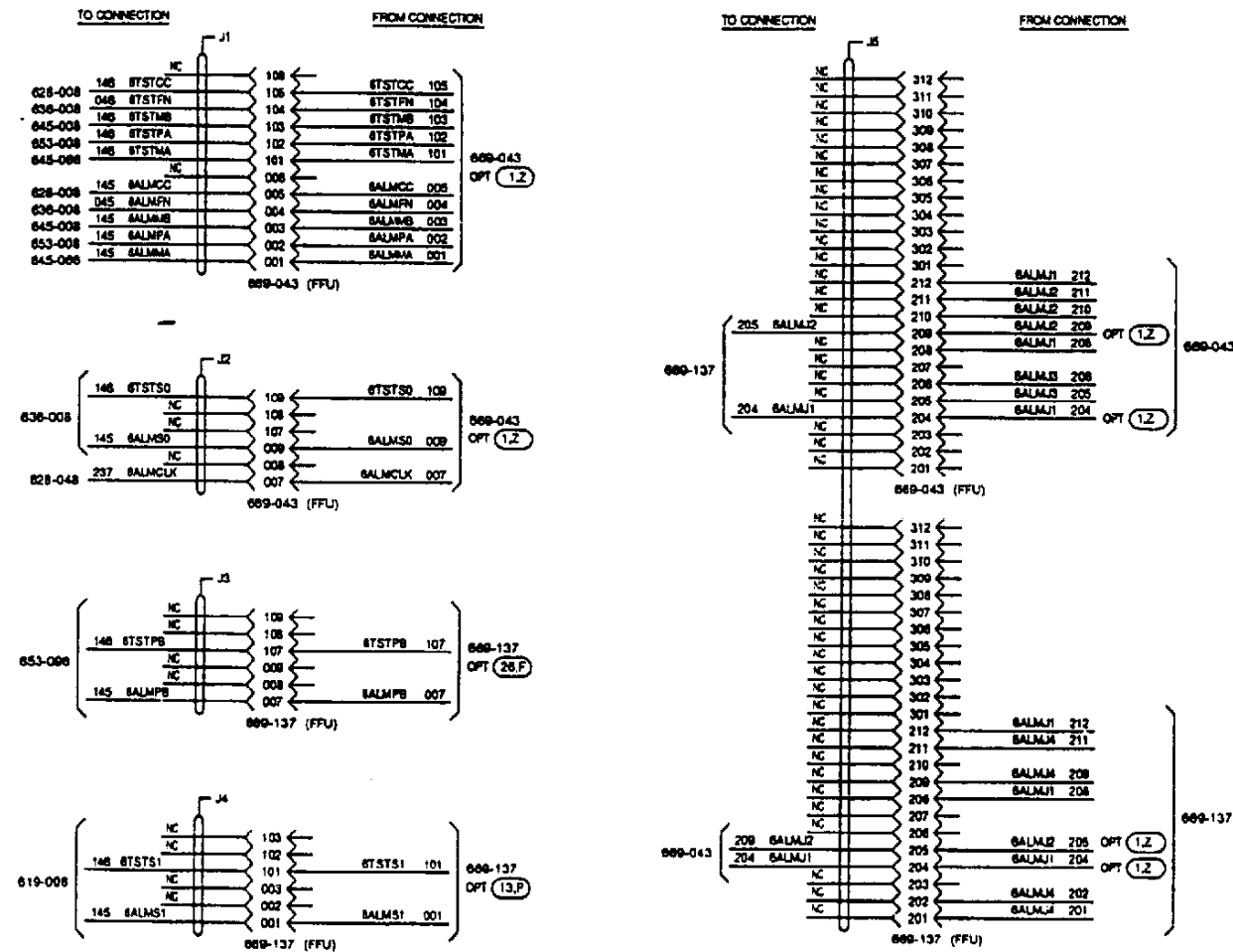
589-137 (FFU)

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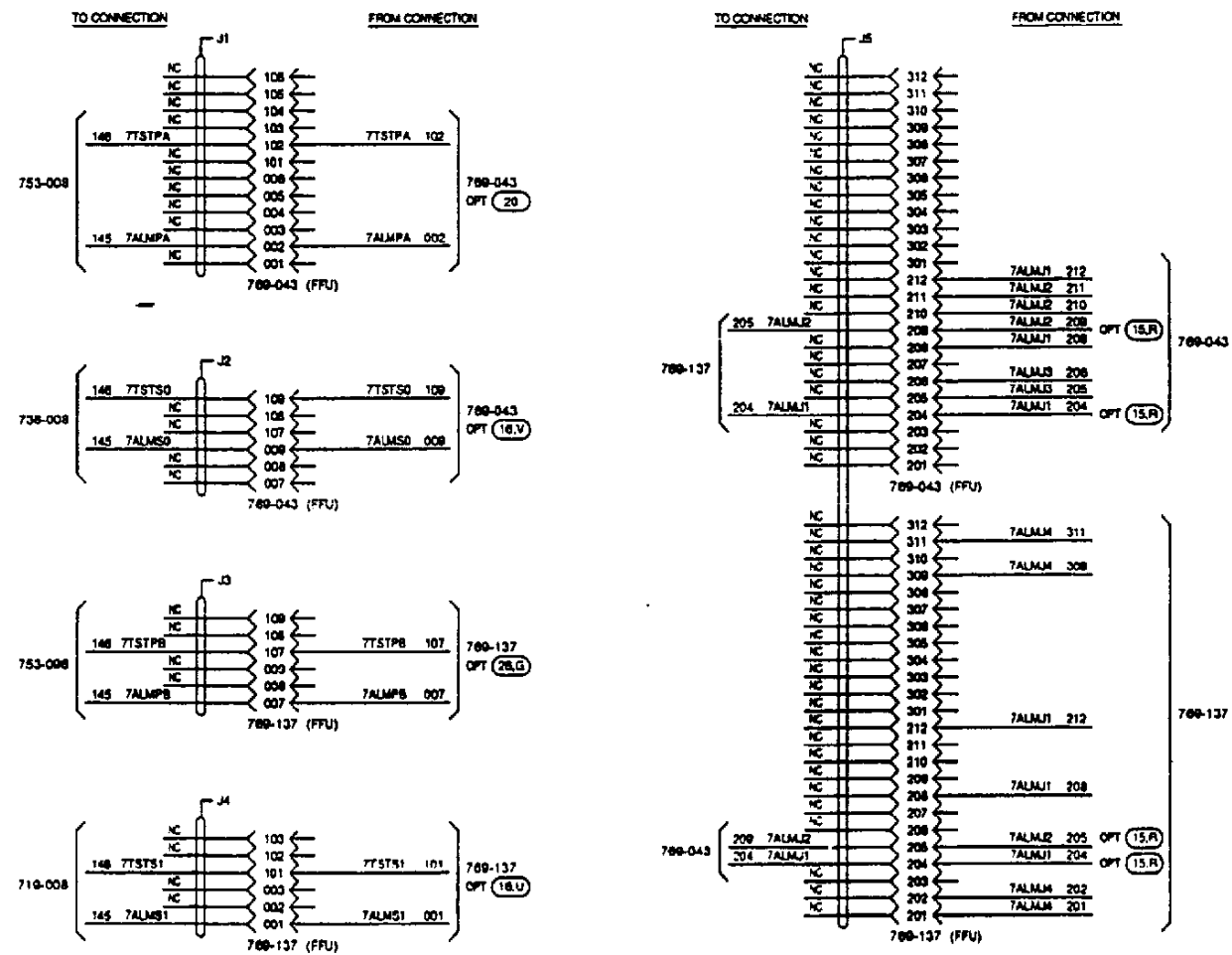
CAD 26D FUSE ALARM CABLE, BAY 6



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CAD 26E FUSE ALARM CABLE, BAY 7



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		C2	17M
AT&T	SD-5D140-01	SHEET GB08	

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CAD 26F

FUSE ALARM CABLE, BAY 8

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

CAD 26G

FUSE ALARM TO FUSE ALARM LINKS

TO CONNECTION

FROM CONNECTION

TO CONNECTION

FROM CONNECTION

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COMMUNICATION MODULE, MODEL 2

DWG SIZE
C2

ISSUE
17M

AT&T

SD-5D140-01

SHEET
GB69

The diagrams show the connection of a 360-137 (FFU) to a 360-137 (OPT) via a 360-137 (FFU) and a 360-137 (OPT) via a 360-137 (FFU).

Diagram 1: TO CONNECTION (J1) to FROM CONNECTION (J1). The 360-137 (FFU) has pins 112, 111, 110, 012, 011, and 010. The 360-137 (OPT) has pins 112, 111, 110, 012, 011, and 010. The connection is made via a 360-137 (FFU) and a 360-137 (OPT) via a 360-137 (FFU).

Diagram 2: TO CONNECTION (J2) to FROM CONNECTION (J2). The 360-137 (FFU) has pins 112, 111, 110, 012, 011, and 010. The 360-137 (OPT) has pins 112, 111, 110, 012, 011, and 010. The connection is made via a 360-137 (FFU) and a 360-137 (OPT) via a 360-137 (FFU).

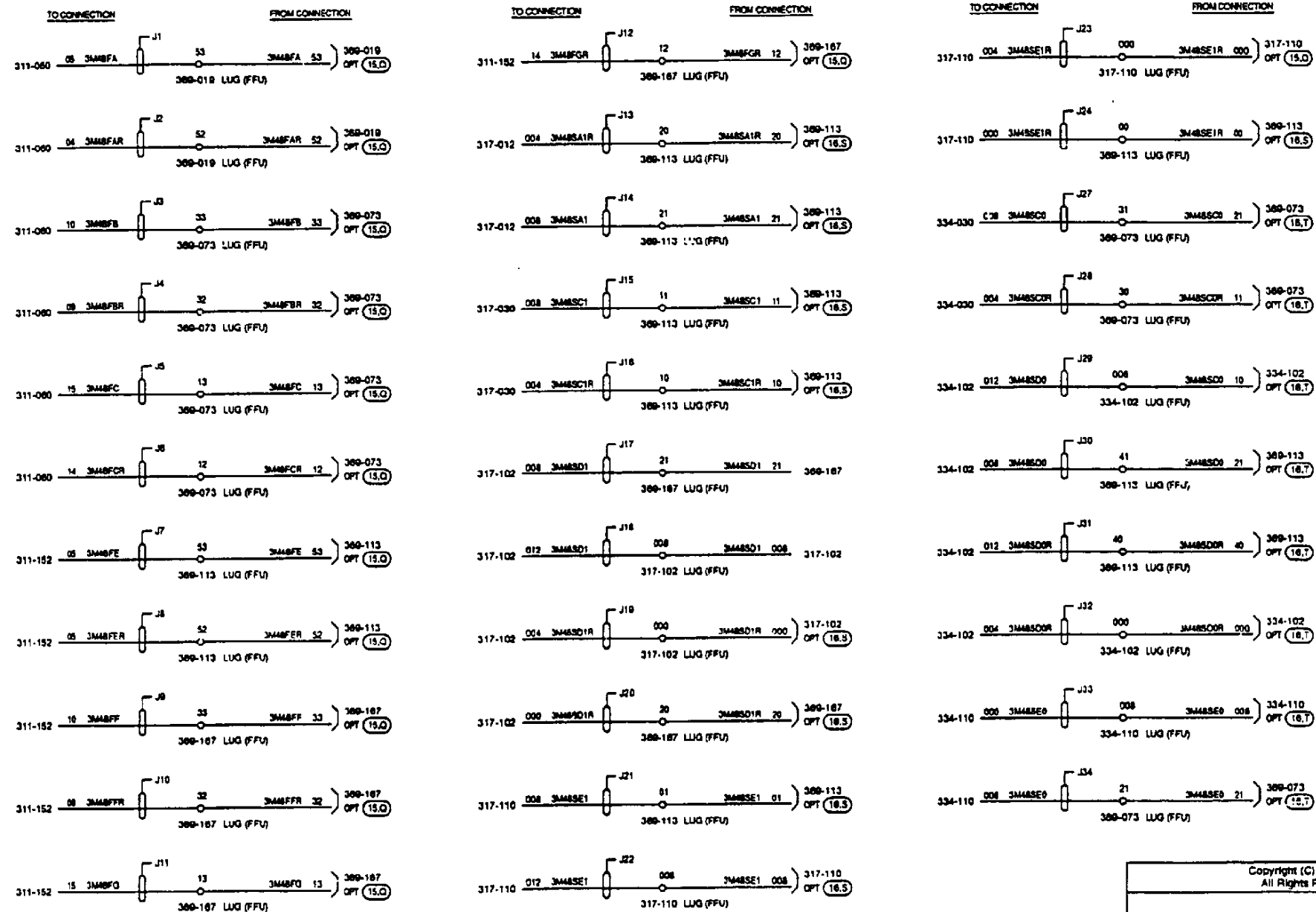
Diagram 3: TO CONNECTION (J3) to FROM CONNECTION (J3). The 360-137 (FFU) has pins 112, 111, 110, 012, 011, and 010. The 360-137 (OPT) has pins 112, 111, 110, 012, 011, and 010. The connection is made via a 360-137 (FFU) and a 360-137 (OPT) via a 360-137 (FFU).

Diagram 4: TO CONNECTION (J4) to FROM CONNECTION (J4). The 360-137 (FFU) has pins 112, 111, 110, 012, 011, and 010. The 360-137 (OPT) has pins 112, 111, 110, 012, 011, and 010. The connection is made via a 360-137 (FFU) and a 360-137 (OPT) via a 360-137 (FFU).

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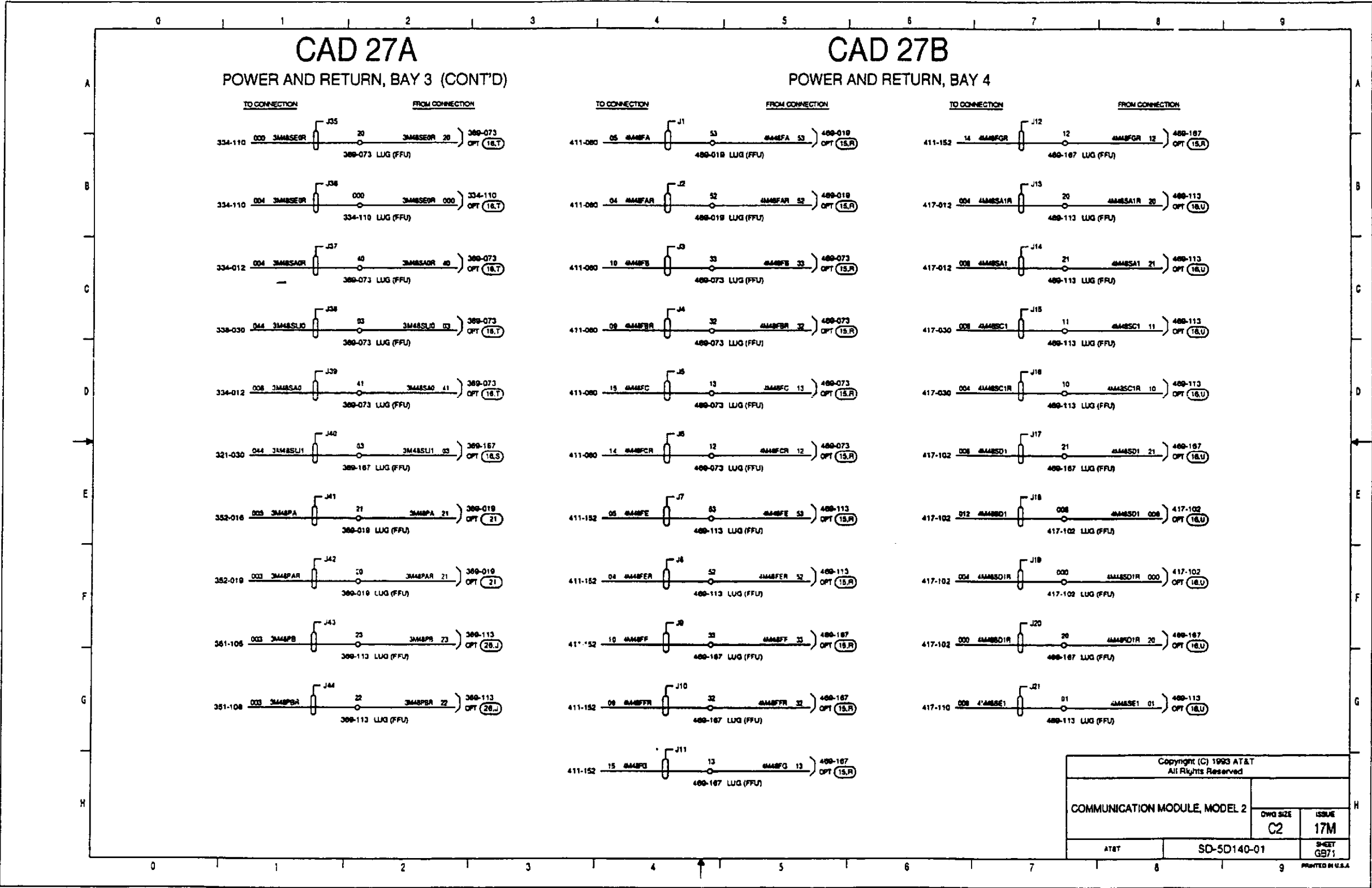
CAD 27A

POWER AND RETURN, BAY 3



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334-012

008

3M4BSA0

J39

41

3M4BSA0

41

369-073

OPT

16,T

369-073 LUG (FFU)

321-030

044

3M4BSL1

J40

03

3M4BSL1

03

369-167

OPT

16,S

369-167 LUG (FFU)

352-016

003

3M4BPA

J41

21

3M4BPA

21

369-019

OPT

21

369-019 LUG (FFU)

362-019

003

3M4BPA

J42

20

3M4BPA

21

369-019

OPT

21

369-019 LUG (FFU)

361-106

003

3M4BPA

J43

23

3M4BPA

23

369-113

OPT

26,J

369-113 LUG (FFU)

361-106

003

3M4BPA

J44

22

3M4BPA

22

369-113

OPT

26,J

369-113 LUG (FFU)

CAD 27B

POWER AND RETURN, BAY 4

TO CONNECTION

FROM CONNECTION

411-080

05

4M4BFA

J1

53

4M4BFA

53

489-019

OPT

15,R

489-019 LUG (FFU)

411-080

04

4M4BFA

J2

52

4M4BFA

52

489-019

OPT

15,R

489-019 LUG (FFU)

411-080

10

4M4BFA

J3

33

4M4BFA

33

489-073

OPT

15,R

489-073 LUG (FFU)

411-080

09

4M4BFA

J4

32

4M4BFA

32

489-073

OPT

15,R

489-073 LUG (FFU)

411-080

19

4M4BFA

J5

13

4M4BFA

13

489-073

OPT

15,R

489-073 LUG (FFU)

411-080

14

4M4BFA

J6

12

4M4BFA

12

489-073

OPT

15,R

489-073 LUG (FFU)

411-152

05

4M4BFA

J7

03

4M4BFA

53

489-113

OPT

15,R

489-113 LUG (FFU)

411-152

04

4M4BFA

J8

52

4M4BFA

52

489-113

OPT

15,R

489-113 LUG (FFU)

411-152

10

4M4BFA

J9

33

4M4BFA

33

489-167

OPT

15,R

489-167 LUG (FFU)

411-152

09

4M4BFA

J10

32

4M4BFA

32

489-167

OPT

15,R

489-167 LUG (FFU)

411-152

15

4M4BFA

J11

13

4M4BFA

13

489-167

OPT

15,R

489-167 LUG (FFU)

TO CONNECTION

FROM CONNECTION

411-152

14

4M4BFA

J12

12

4M4BFA

12

489-167

OPT

15,R

489-167 LUG (FFU)

417-012

004

4M4BSA1R

J13

20

4M4BSA1R

20

489-113

OPT

16,U

489-113 LUG (FFU)

417-012

008

4M4BSA1

J14

21

4M4BSA1

21

489-113

OPT

16,U

489-113 LUG (FFU)

417-030

008

4M4BSA1

J15

11

4M4BSA1

11

489-113

OPT

16,U

489-113 LUG (FFU)

417-030

004

4M4BSA1R

J16

10

4M4BSA1R

10

489-113

OPT

16,U

489-113 LUG (FFU)

417-102

008

4M4BSA1

J17

21

4M4BSA1

21

489-167

OPT

16,U

489-167 LUG (FFU)

417-102

012

4M4BSA1

J18

008

4M4BSA1

008

417-102

OPT

16,U

417-102 LUG (FFU)

417-102

004

4M4BSA1R

J19

000

4M4BSA1R

000

417-102

OPT

16,U

417-102 LUG (FFU)

417-102

000

4M4BSA1R

J20

20

4M4BSA1R

20

489-167

OPT

16,U

489-167 LUG (FFU)

417-110

008

4M4BSA1

J21

01

4M4BSA1

01

489-113

OPT

16,U

489-113 LUG (FFU)

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COMMUNICATION MODULE, MODEL 2

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OWG SIZE
C2

ISSUE
17M

SHEET
GB71

B

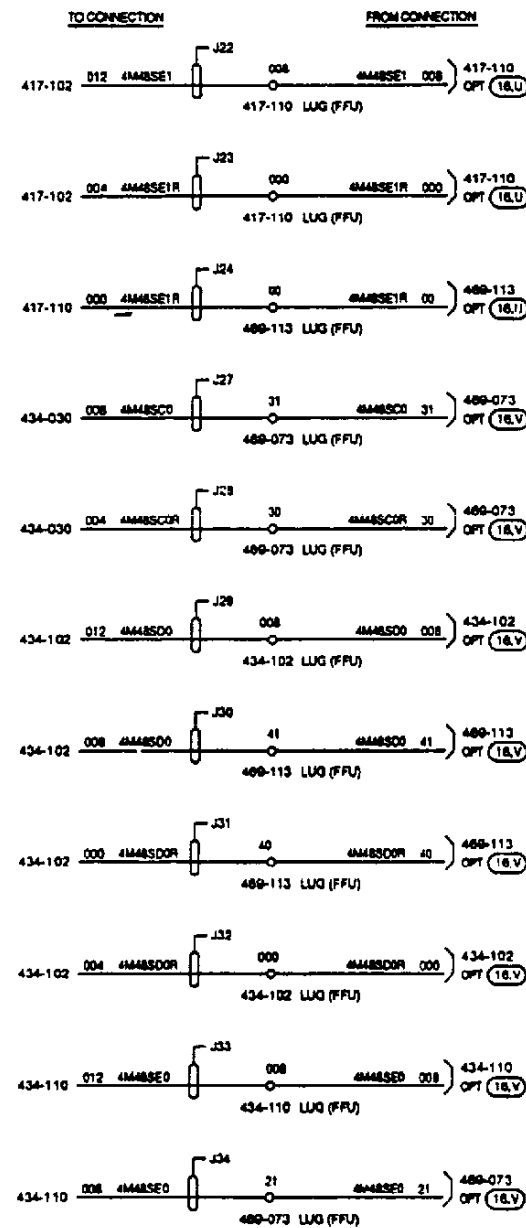
A

A

B

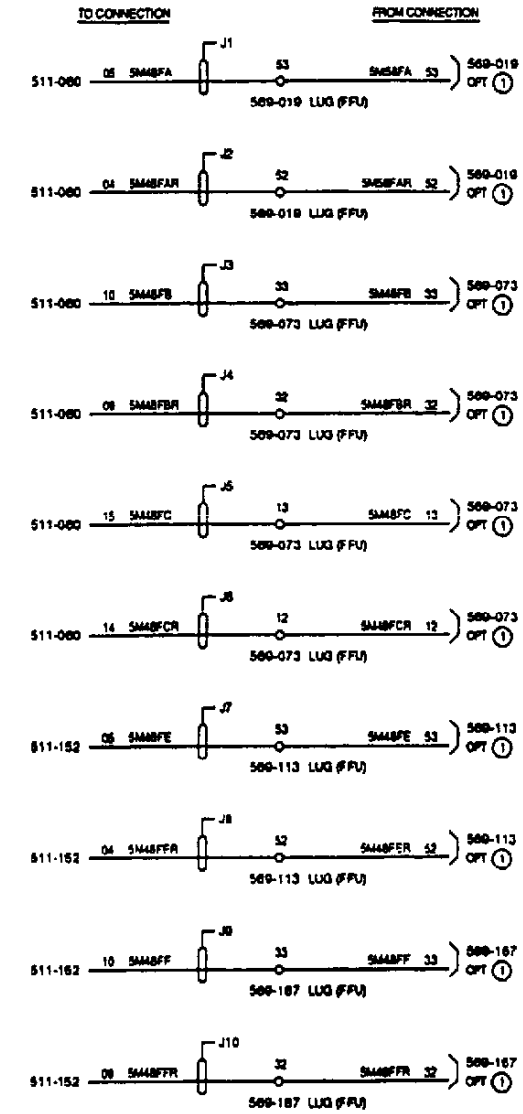
CAD 27B

POWER AND RETURN, BAY 4 (CONT'D)



CAD 27C

POWER AND RETURN, BAY 5

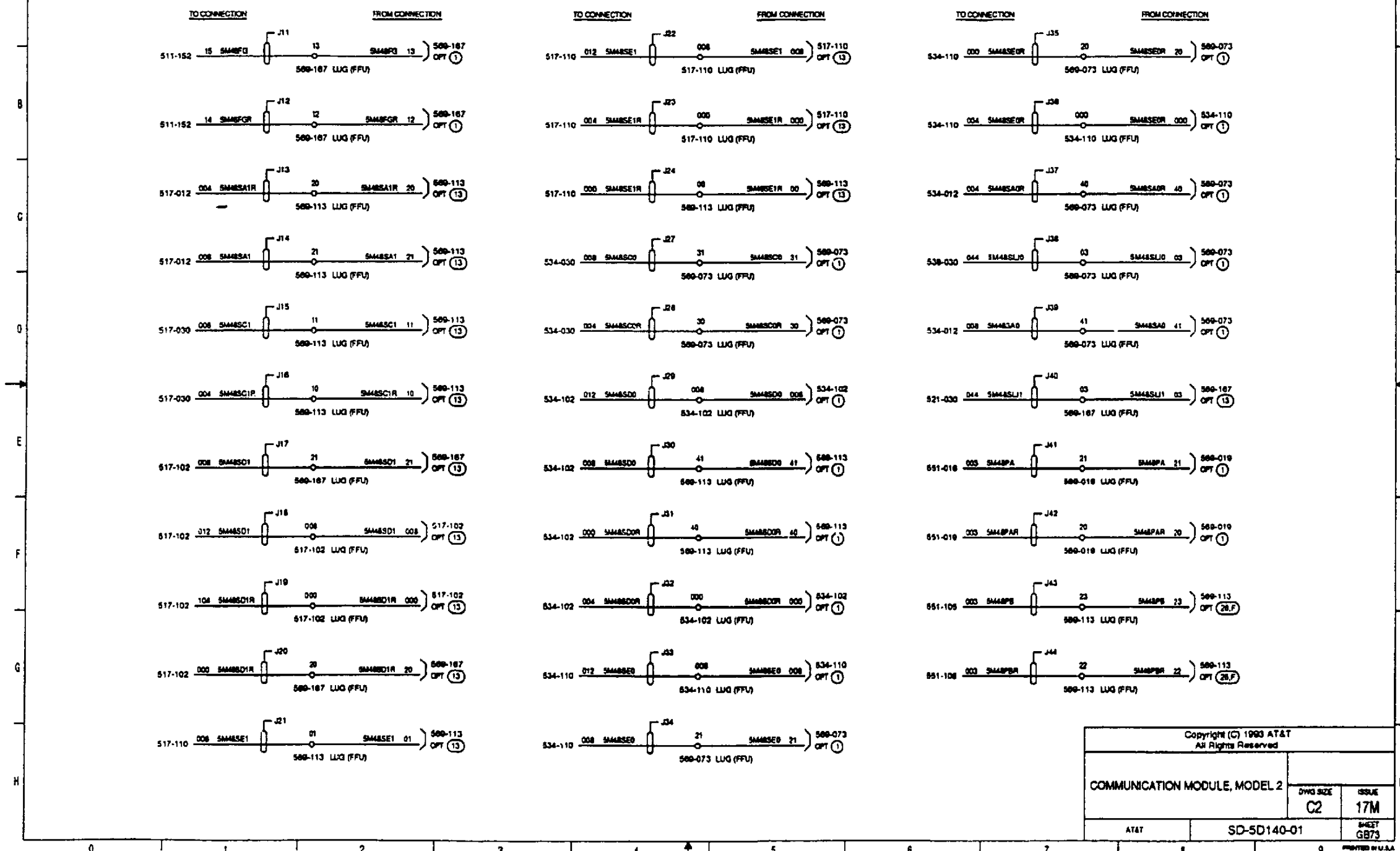


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CAD 27C

POWER AND RETURN, BAY 5 (CONT'D)



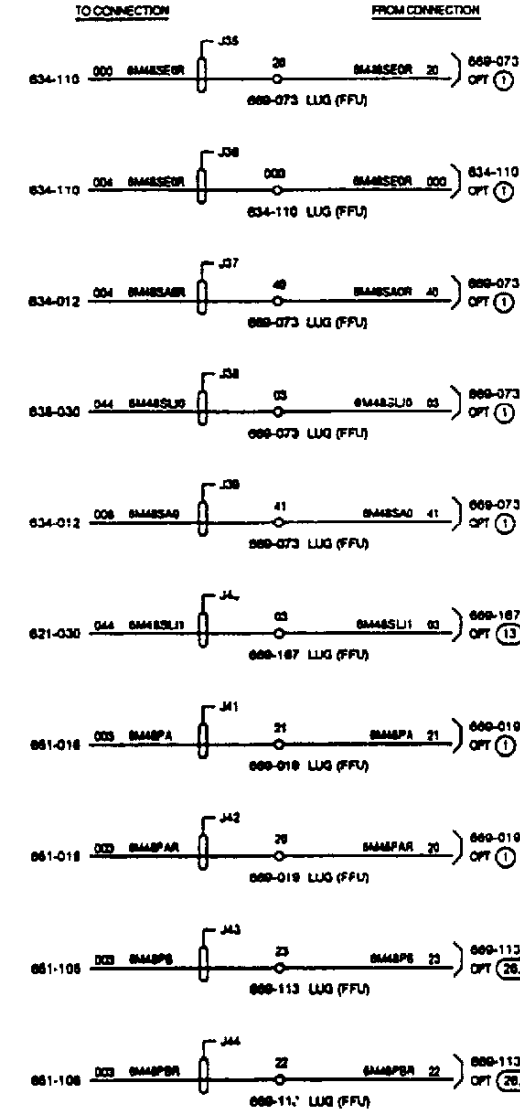
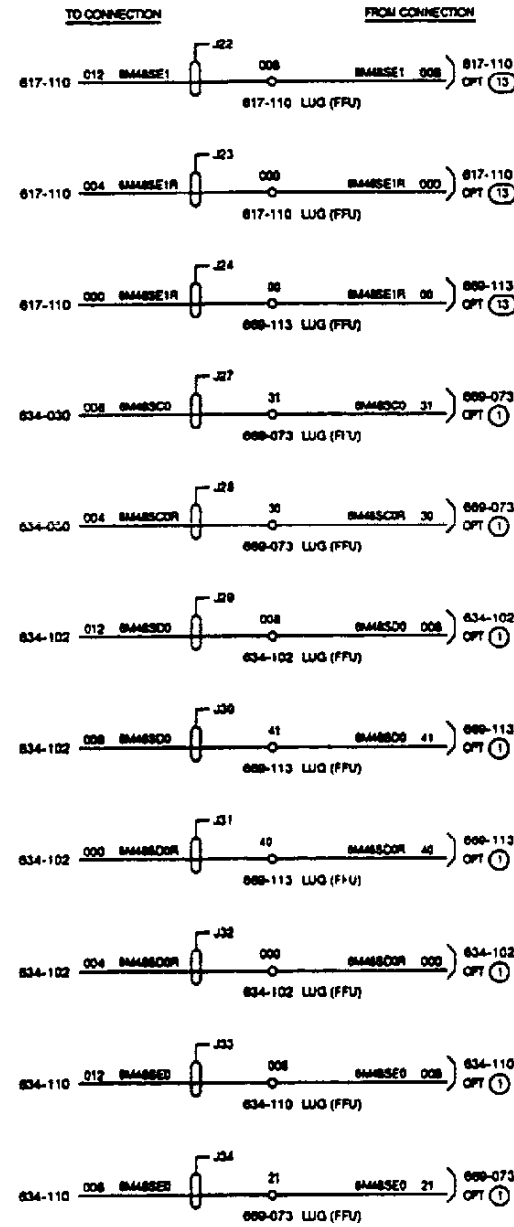
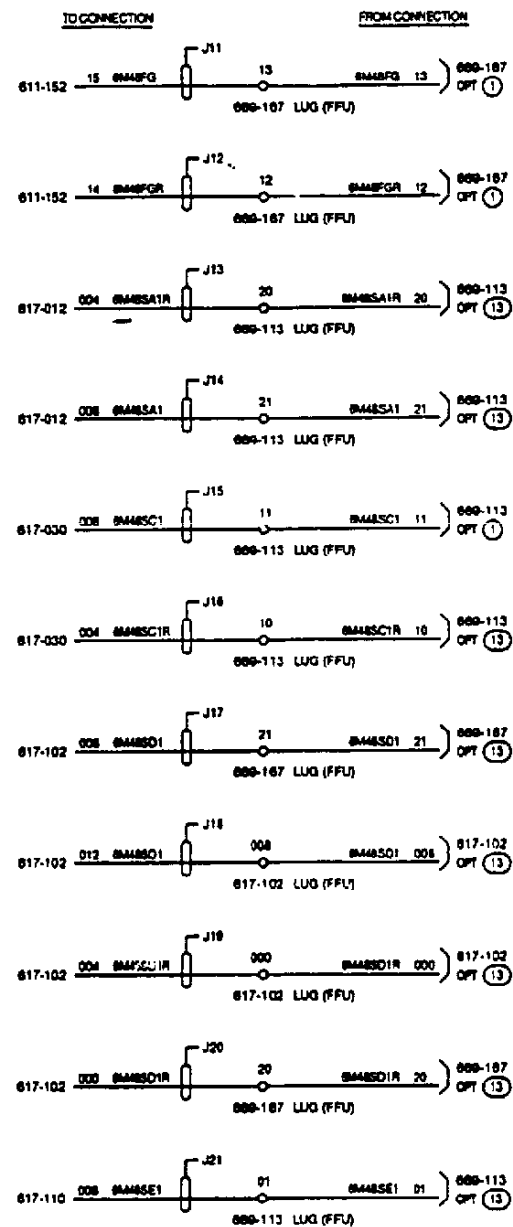
B

A

A

B

CAD 27D POWER AND RETURN, BAY 6 (CONT'D)

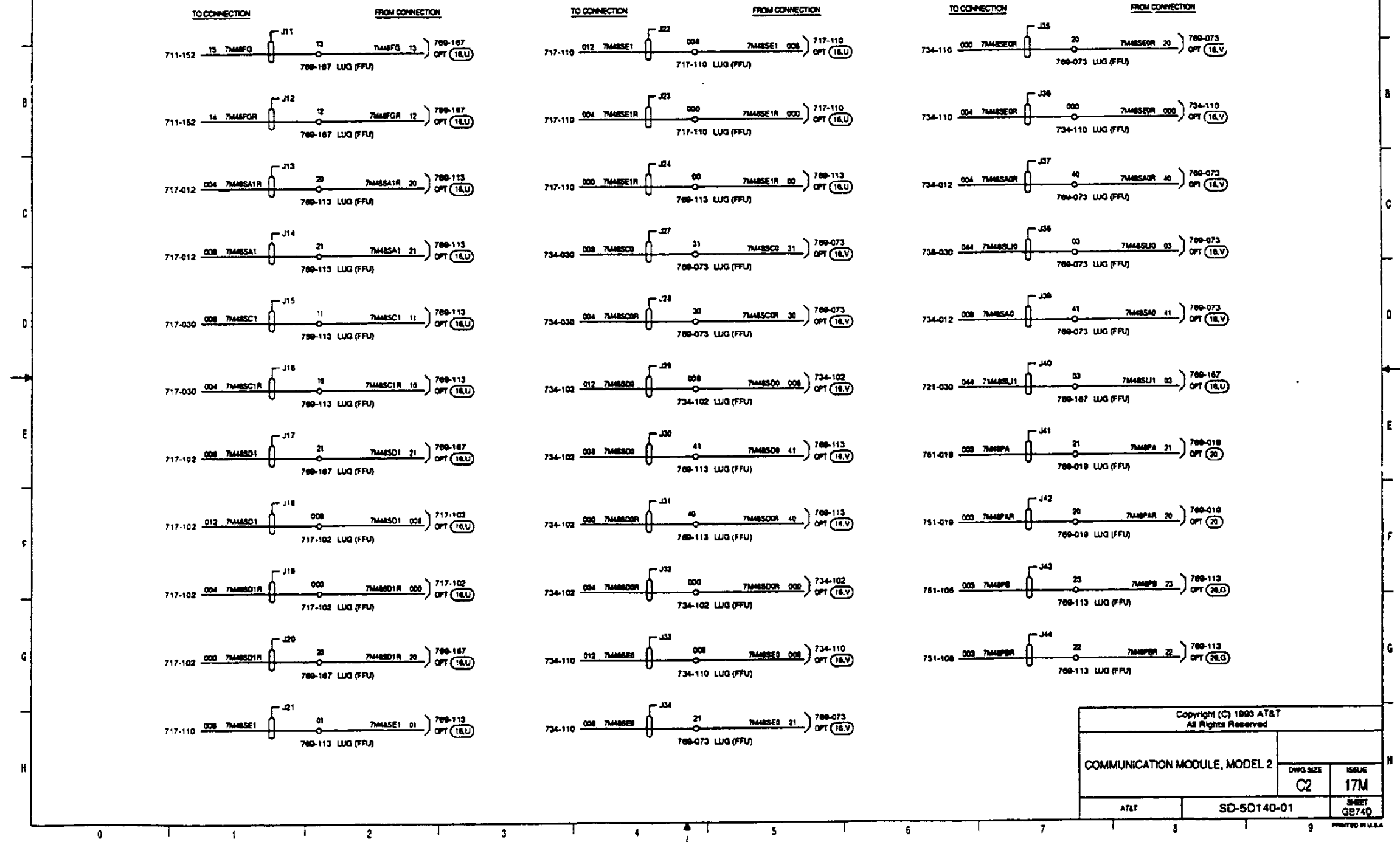


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COMMUNICATION MODULE, MODEL 2		ISSUE 17M
AT&T	SD-5D140-01	SHEET GB748

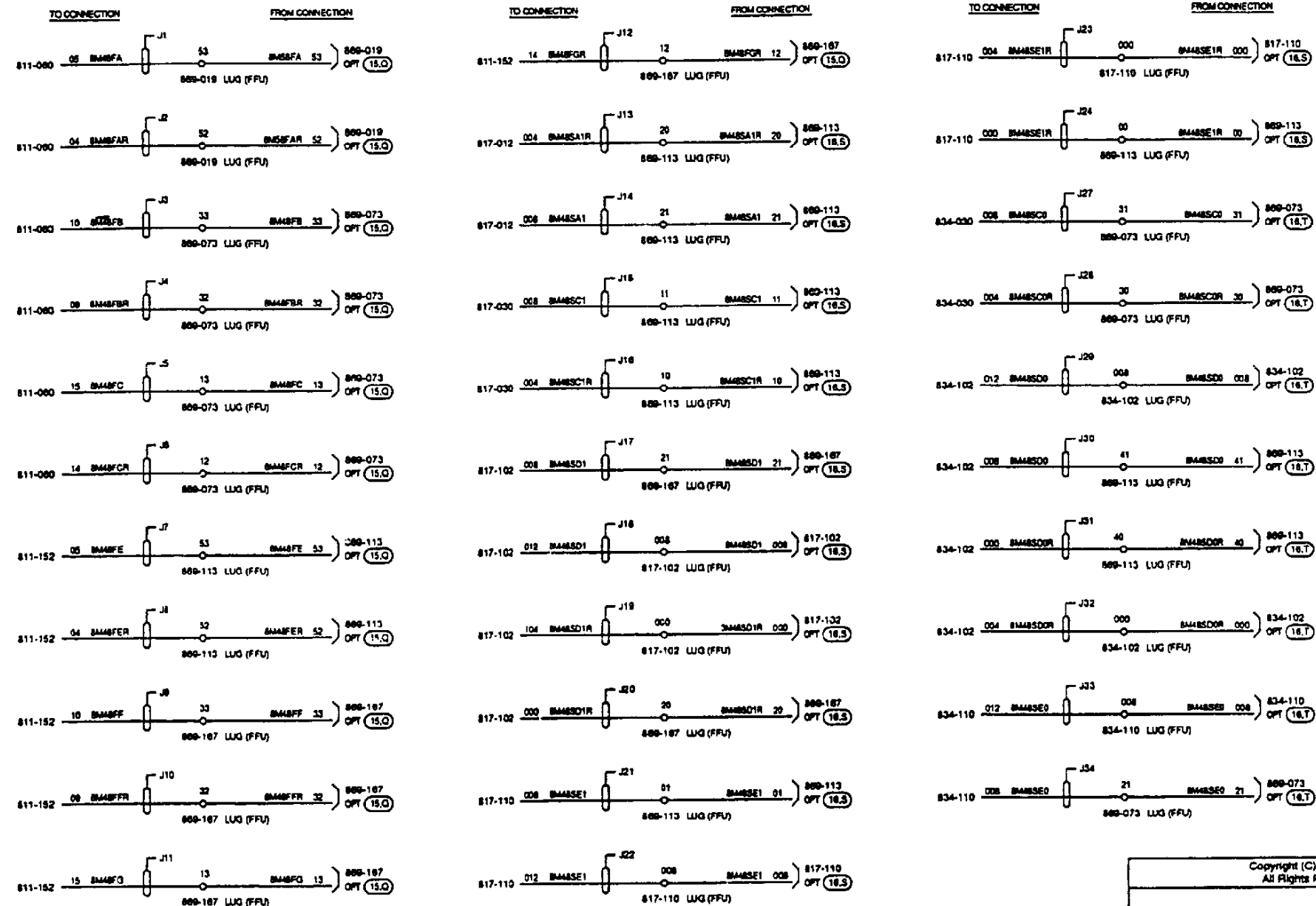
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CAD 27E

POWER AND RETURN, BAY 7 (CONT'D)



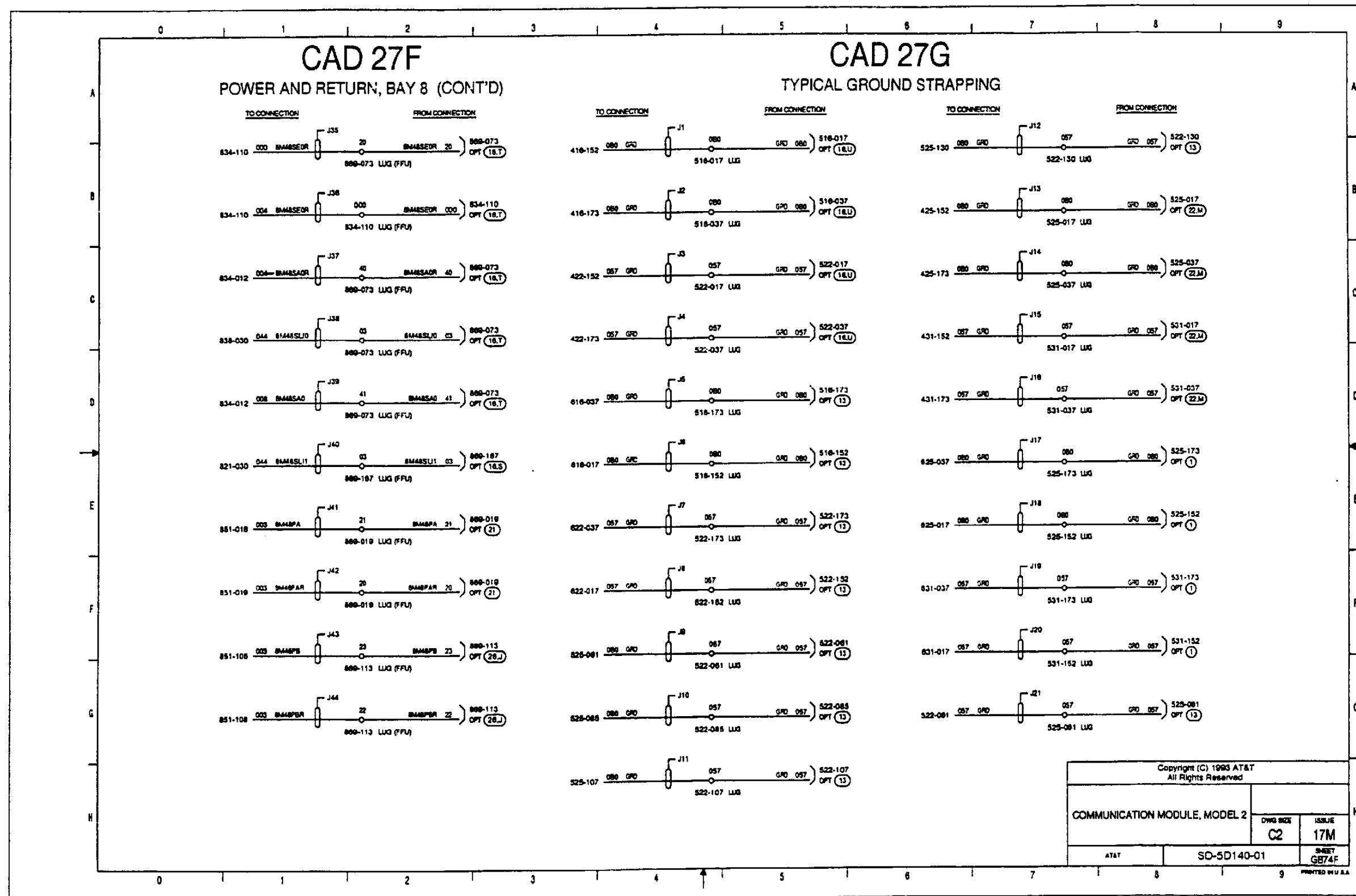
CAD 27F POWER AND RETURN, BAY 8

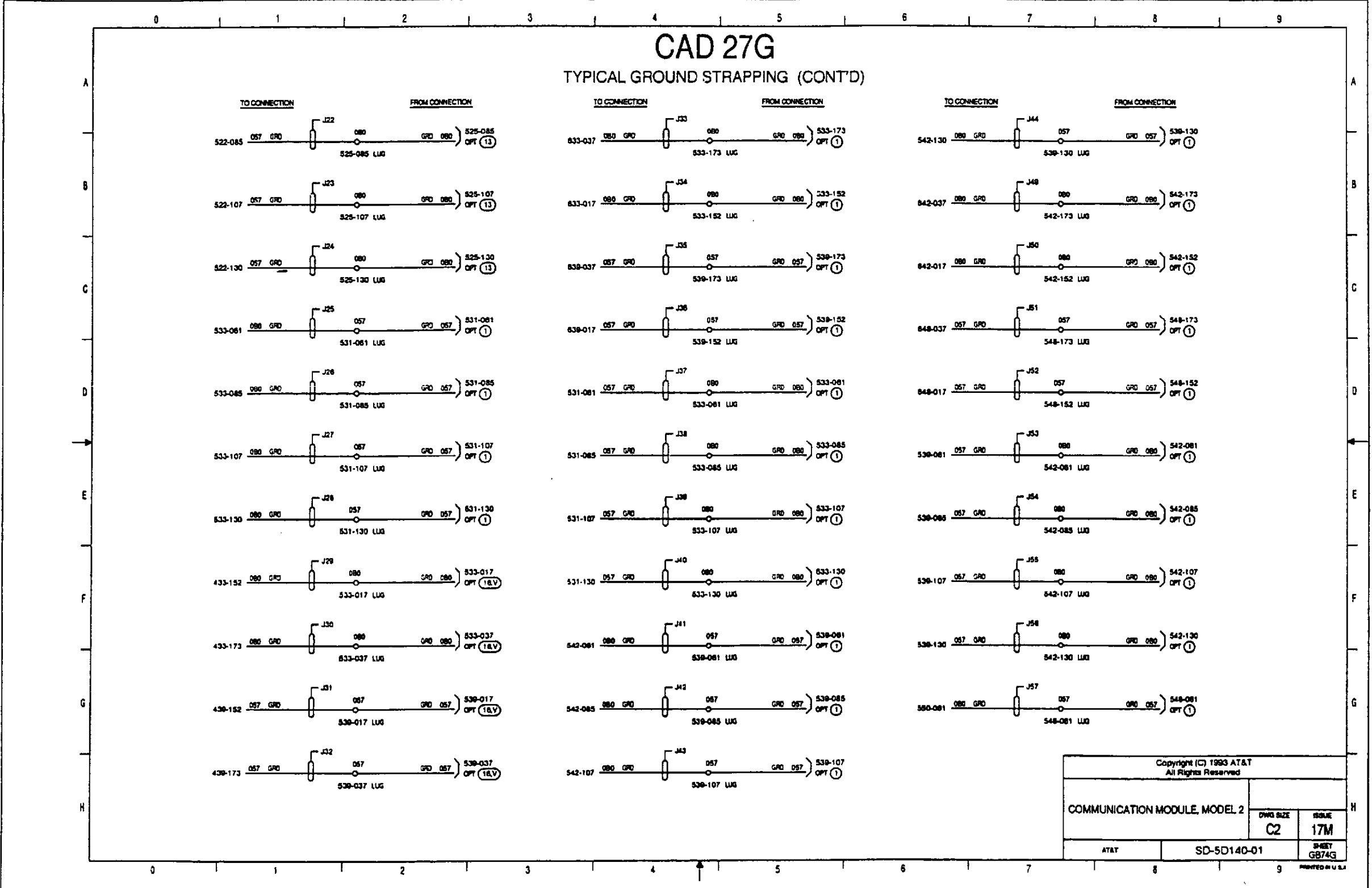


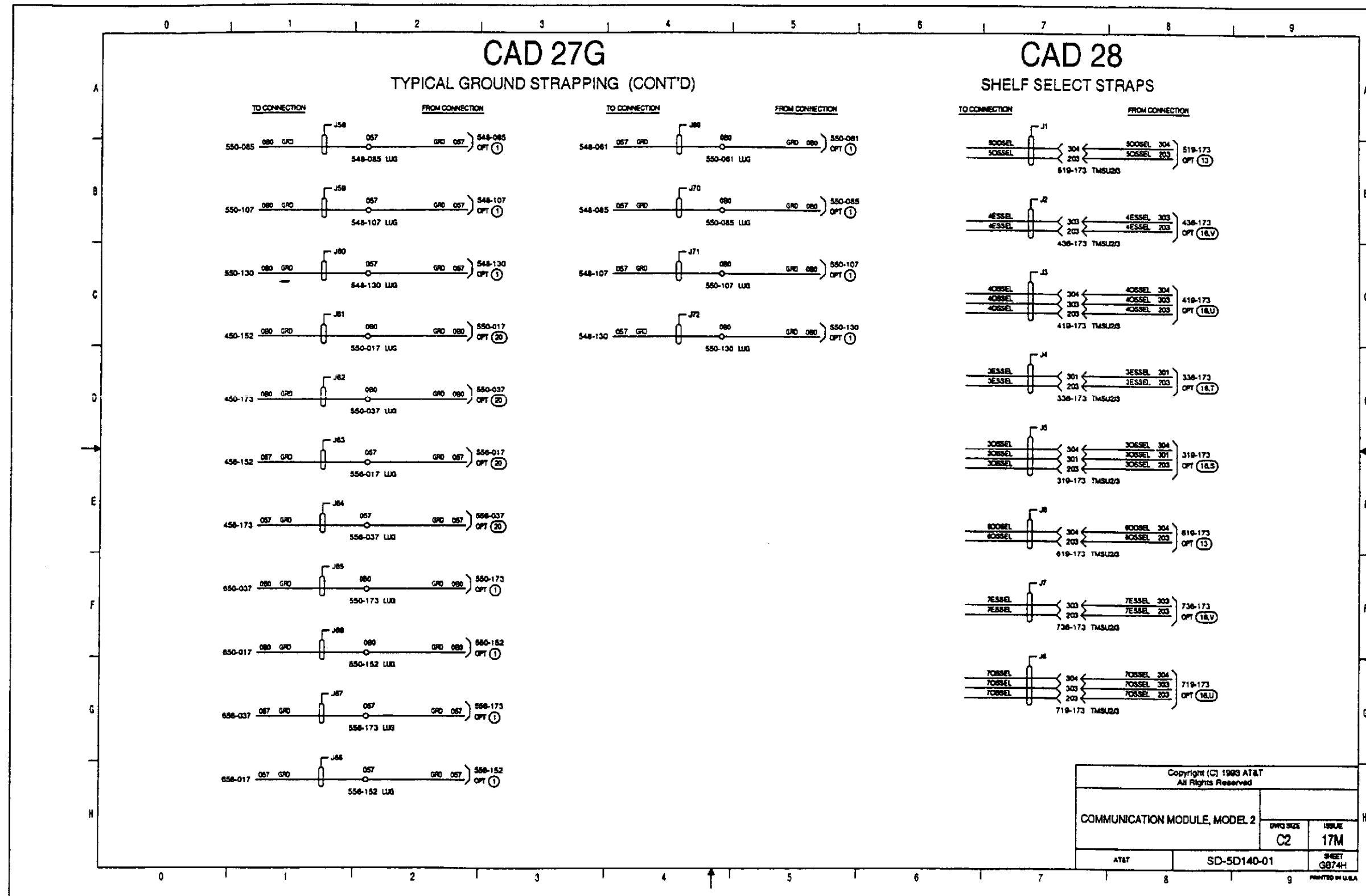
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COMMUNICATION MODULE, MODEL 2

AT&T	SD-5D140-01	SHEET GB74E
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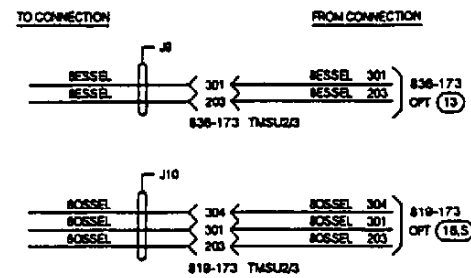






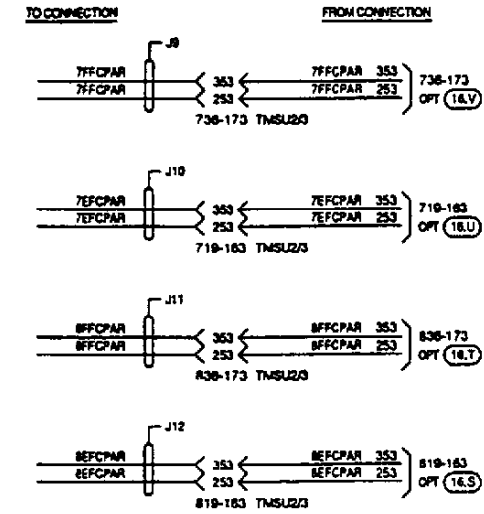
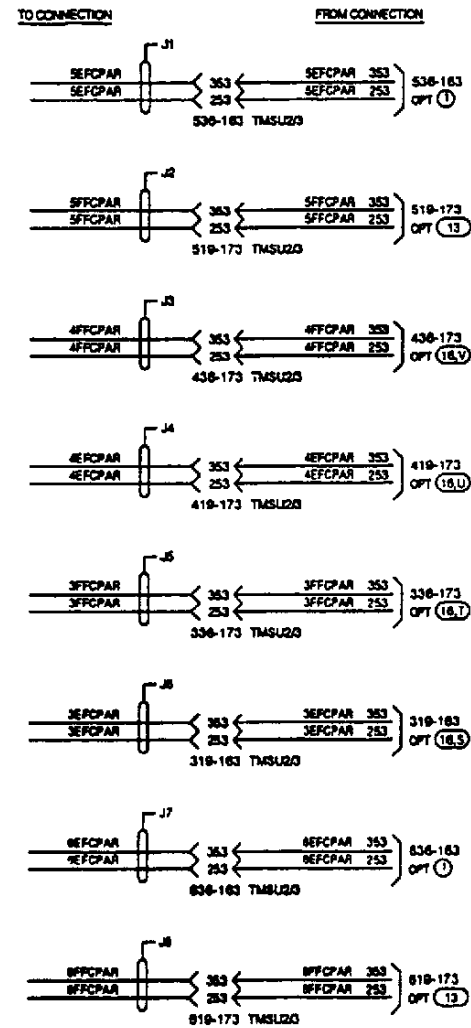
CAD 28

SHELF SELECT STRAPS (CONT'D)



CAD 29

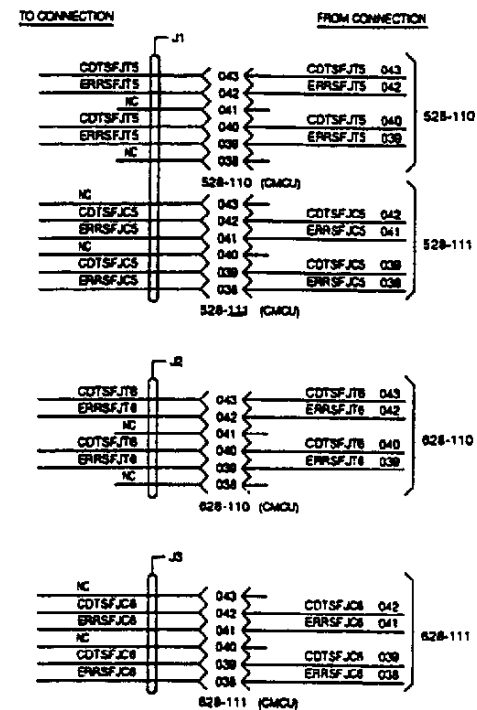
FABRIC CONTROL BOARD PARITY STRAP



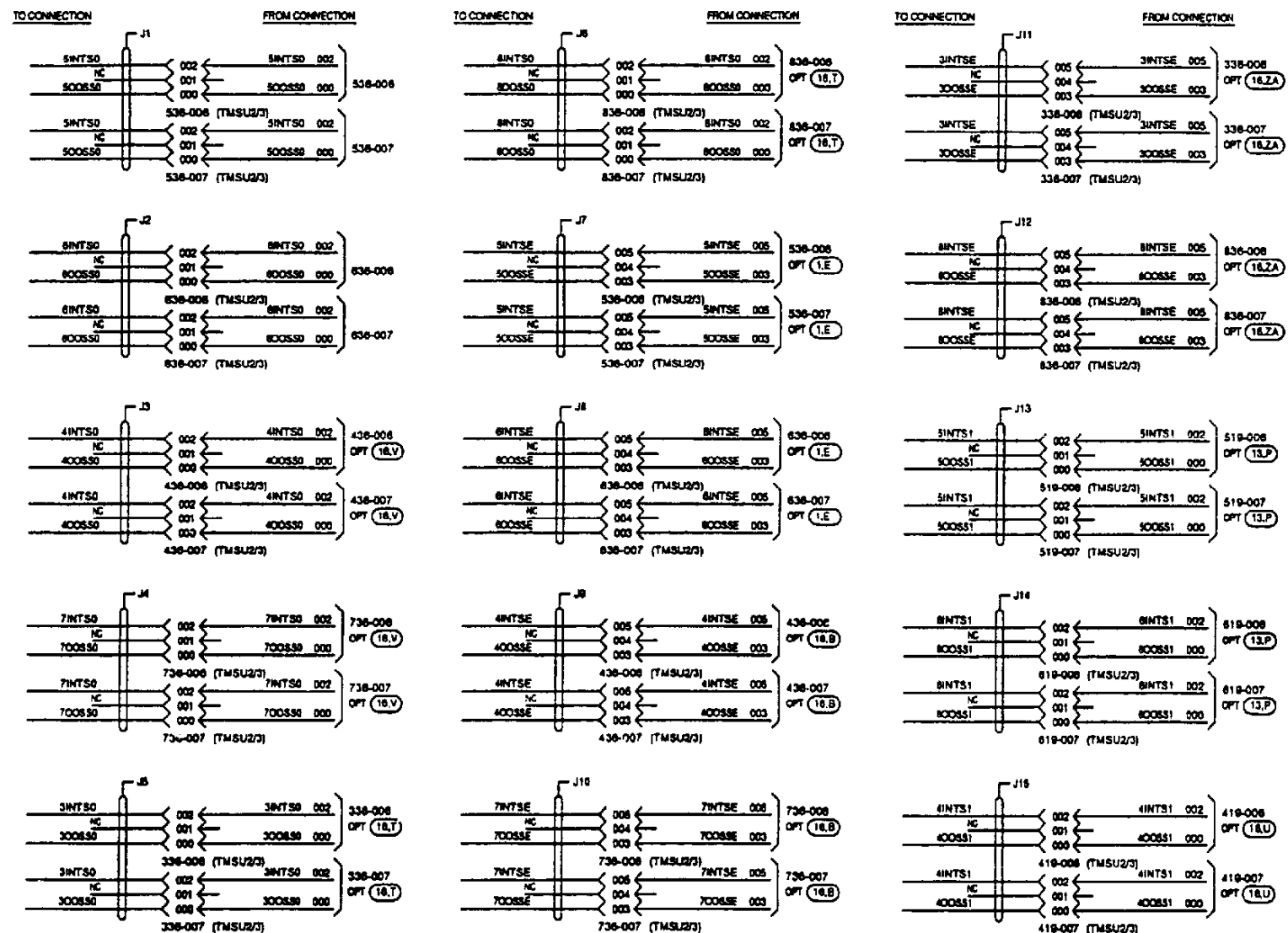
Copyright (C) 1993 AT&T All Rights Reserved		
COMMUNICATION MODULE, MODEL 2		
DWG SIZE	ISSUE	
C2	17M	
AT&T	SD-SD140-01	SHEET GB74J

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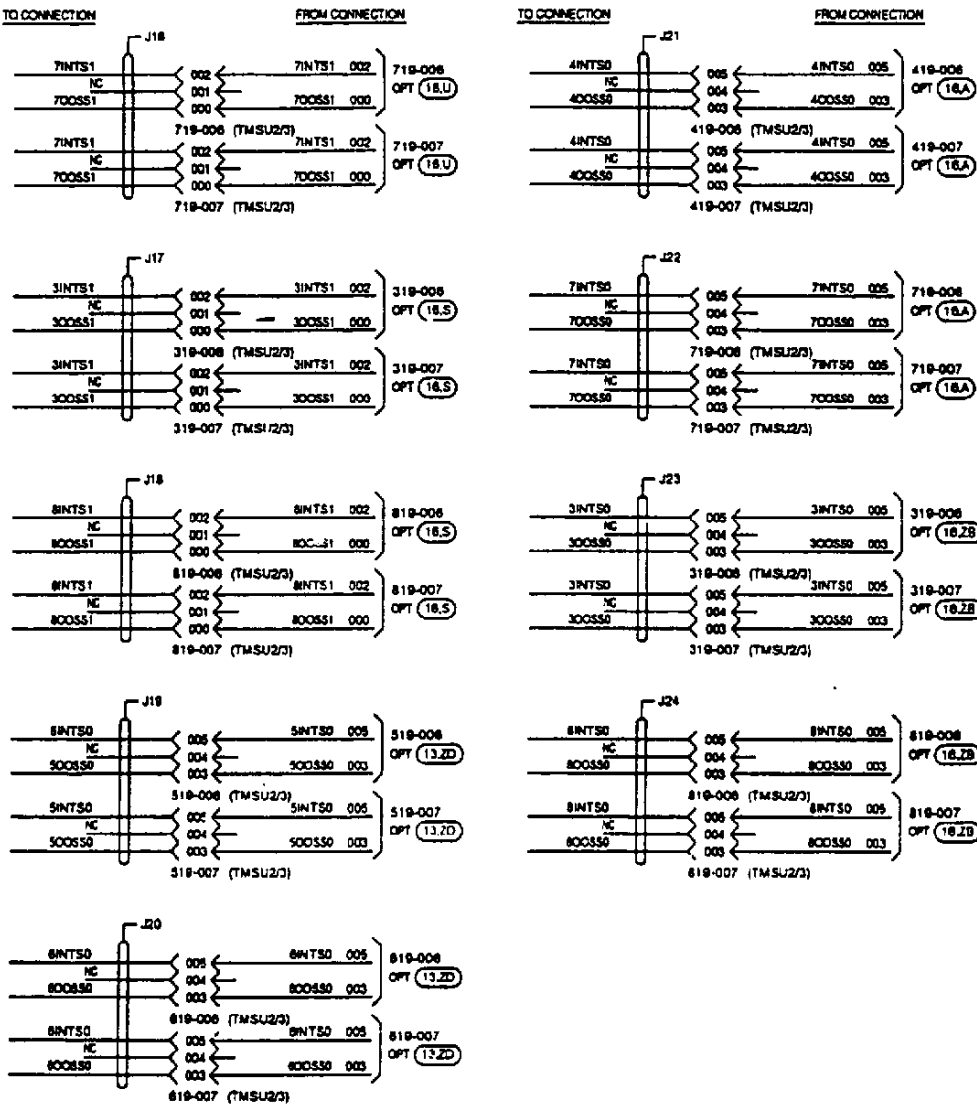
CAD 30 ERROR AND RETURN DATA STRAP



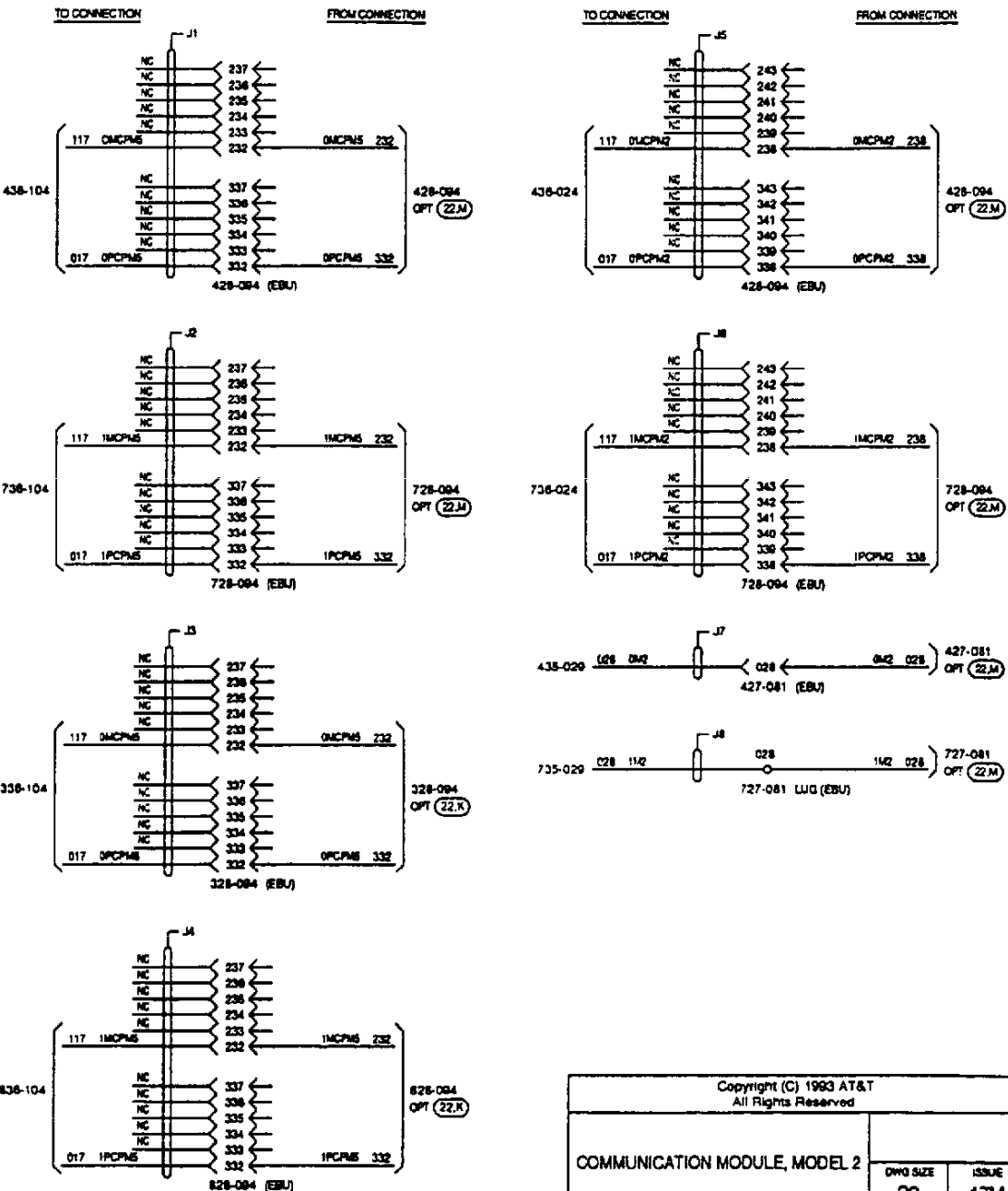
CAD 31 UNEQUIPPED POWER CONVERTER STRAP



(CONT'D)

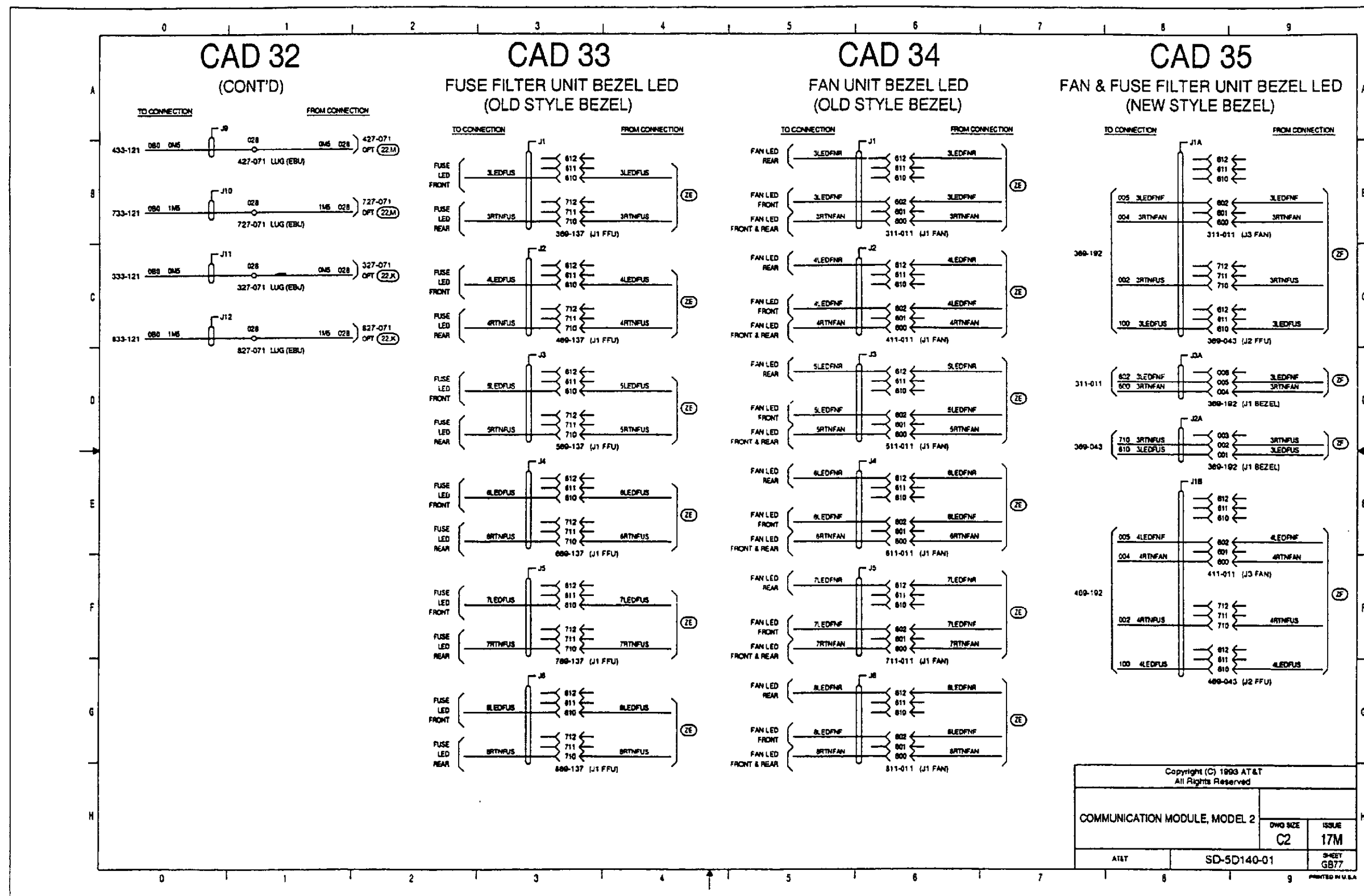


CAD 32



ANNEXED #1

FOR THE U.S.



CAD 35
(CONT'D)

CAD 36
FUSE ALARM MULT
(OLD STYLE BEZEL)

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COMMUNICATION MODULE, MODEL 2		DWG. SIZE C2	SHEET 17M
AT&T	SD-SD140-01		SHEET G878

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CAD 35
(CONT'D)

CAD 36
FUSE ALARM MULT
(OLD STYLE BEZEL)

Copyright (C) 1993 AT&T All Rights Reserved			
COMMUNICATION MODULE, MODEL 2		DWG. SIZE C2	SHEET 17M
AT&T	SD-SD140-01		SHEET G878

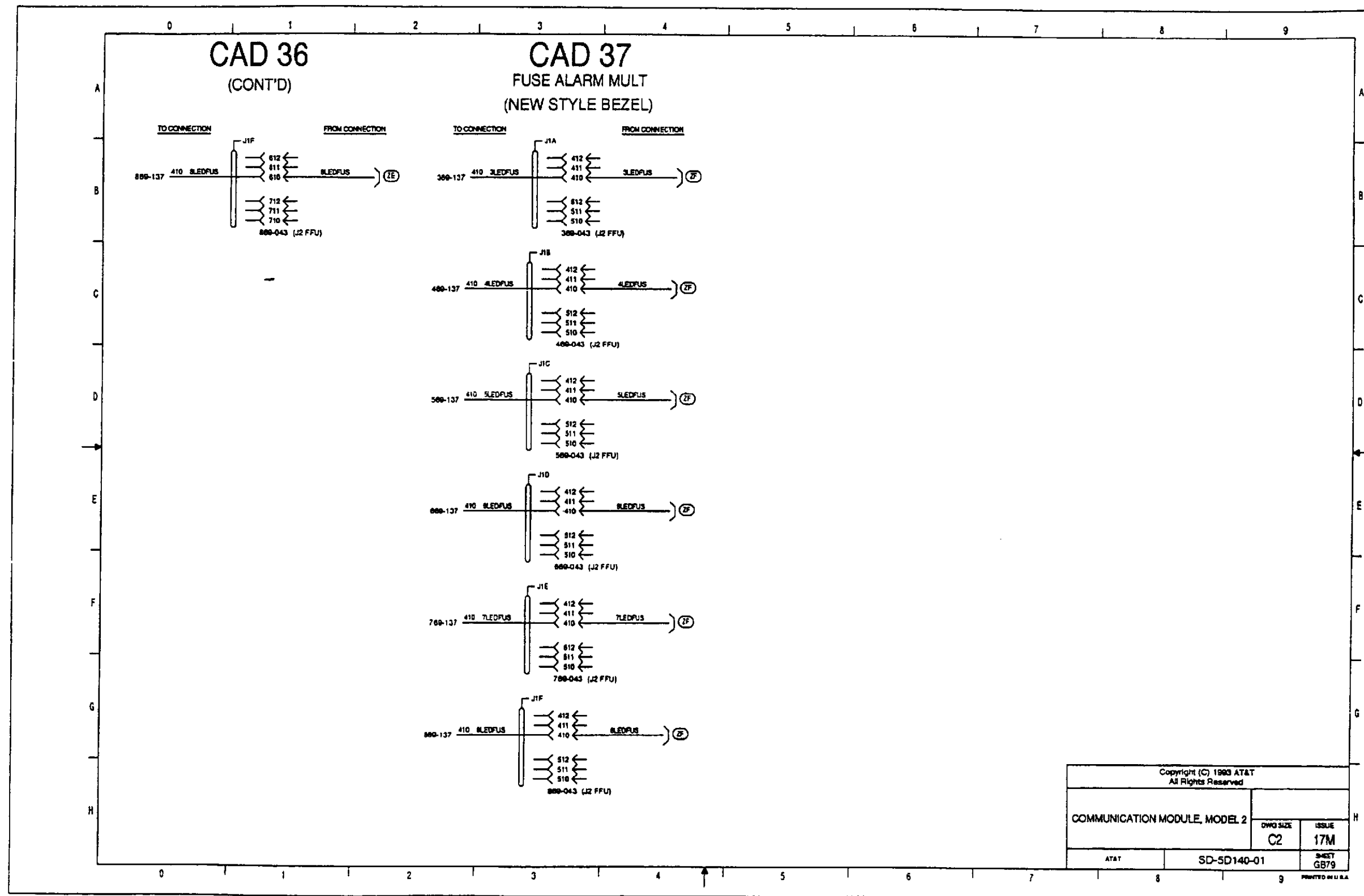
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CAD 35

(CONT'D)

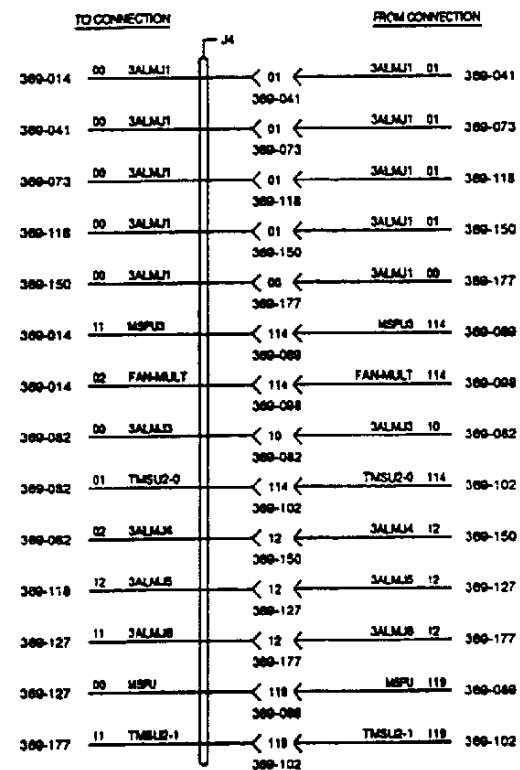
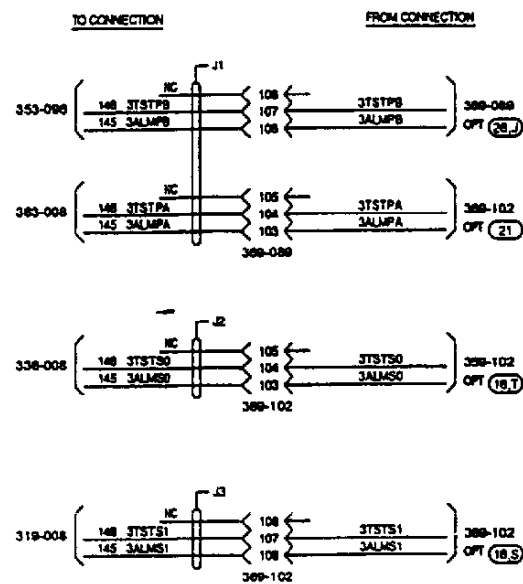
CAD 36

FUSE ALARM MULT
(OLD STYLE BEZEL)



CAD 38A

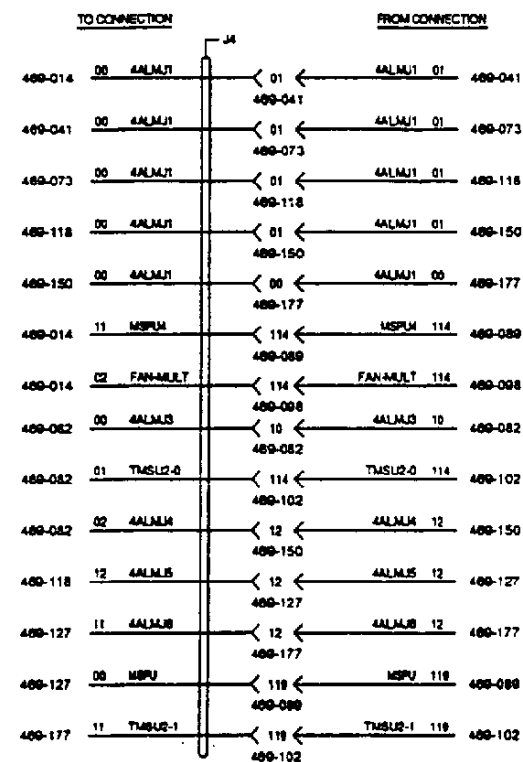
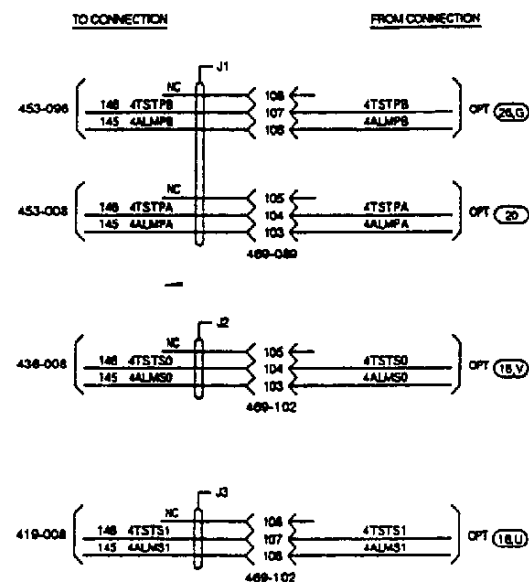
FUSE ALARM CABLE, BAY 3
FOR "FJ" FUSE FILTER UNIT



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COMMUNICATION MODULE, MODEL 2		ISSUE 17M
AT&T	SD-5D140-01	SHEET GB80
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CAD 38B

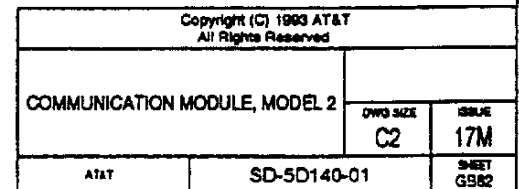
FUSE ALARM CABLE, BAY 4
FOR "FJ" FUSE FILTER UNIT



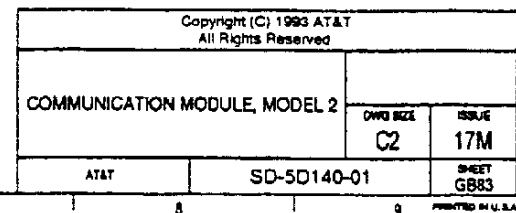
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COMMUNICATION MODULE, MODEL 2		DWG SIZE C2
		ISSUE 17M
AT&T	SD-5D14C-01	SHEET GB31

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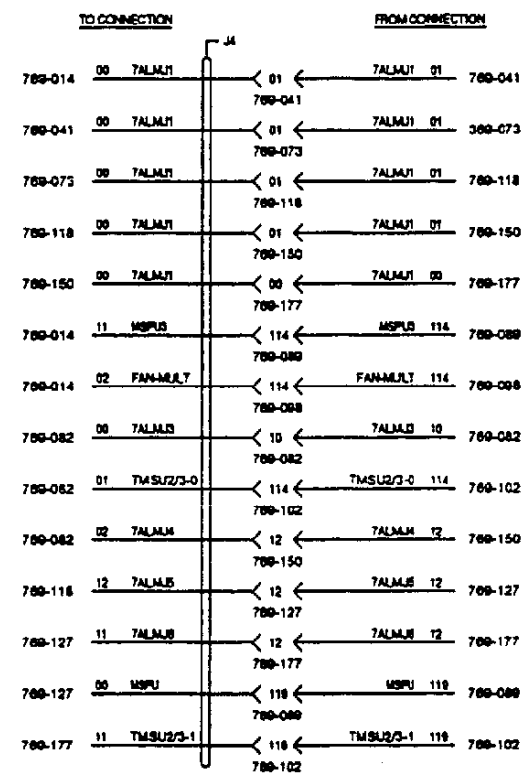
FUSE ALARM CABLE, BAY 5
FOR "FJ" FUSE FILTER UNIT



FUSE ALARM CABLE, BAY 6
FOR "FJ" FUSE FILTER UNIT



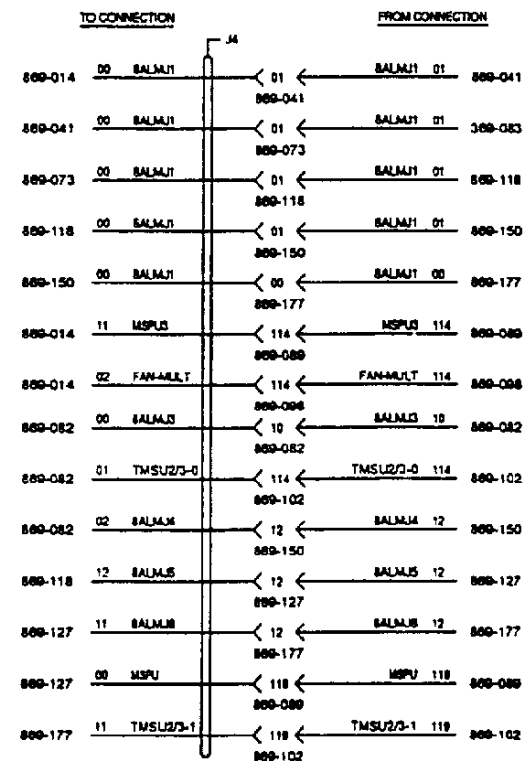
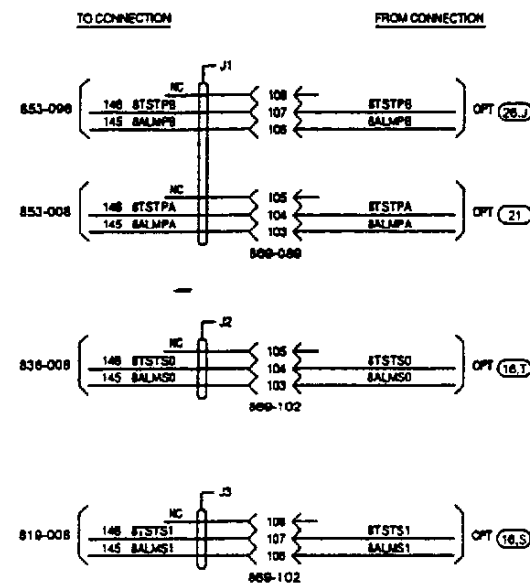
FUSE ALARM CABLE, BAY 7
FOR "FJ" FUSE FILTER UNIT



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COMMUNICATION MODULE, MODEL 2			
		DWG SIZE C2	ISSUE 17M
AT&T	SD-SD140-01		SHEET GB84
	2	0	PRINTED IN U.S.A.

CAD 38F

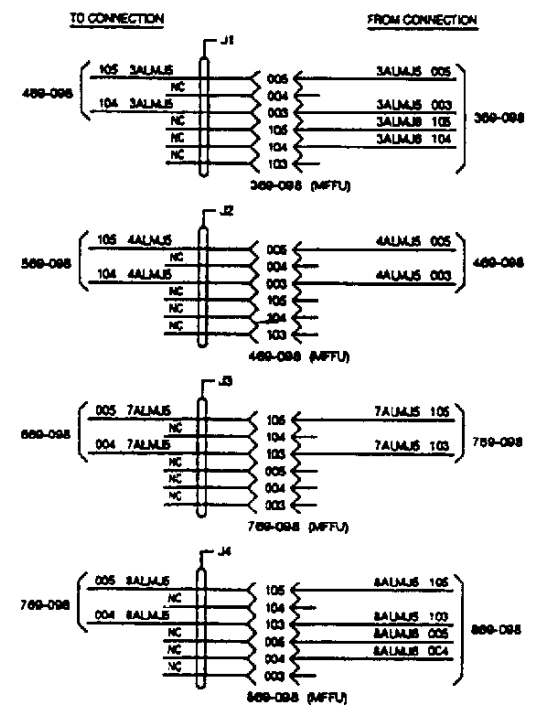
FUSE ALARM CABLE, BAY 8
FOR "FJ" FUSE FILTER UNIT



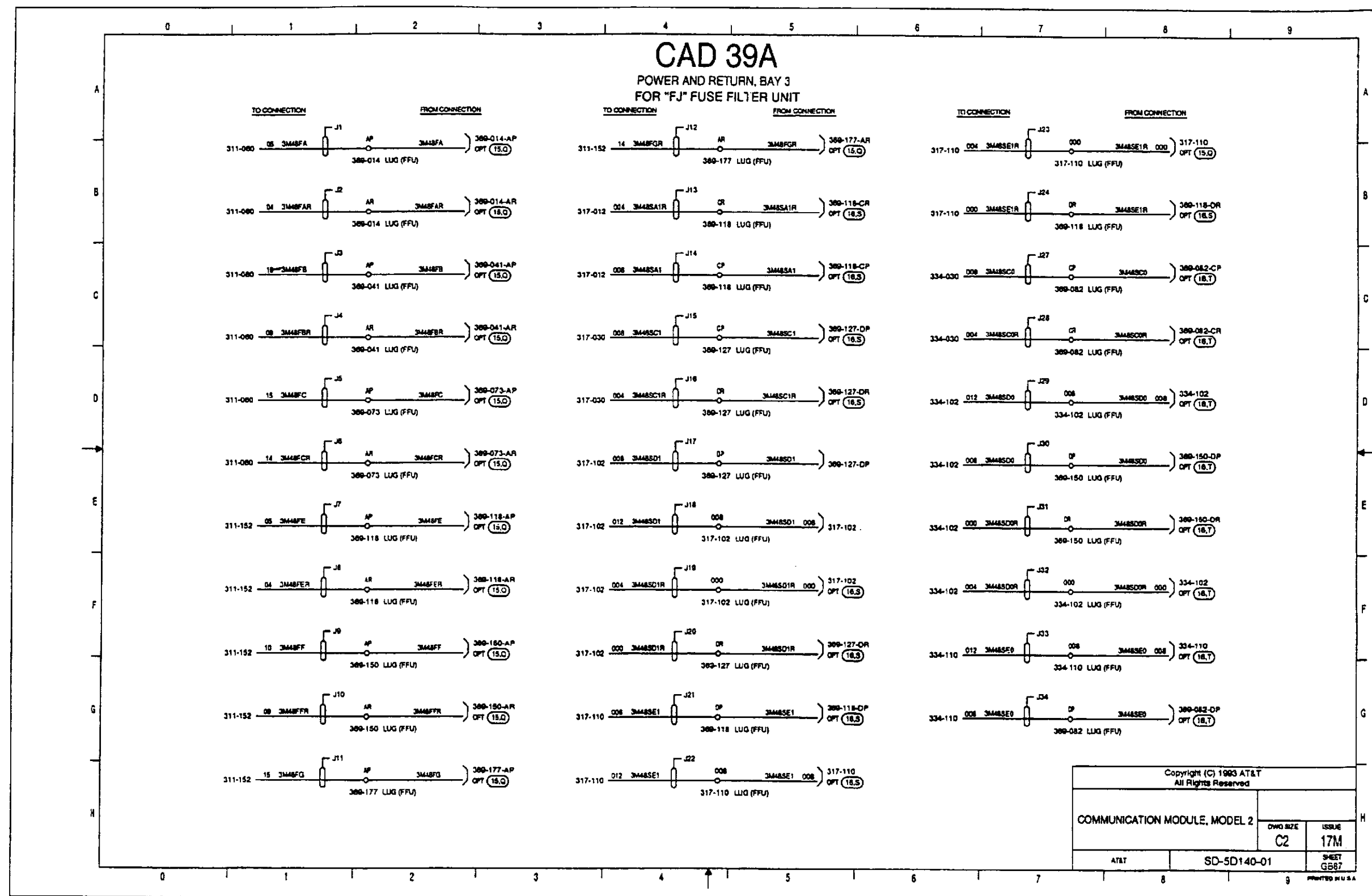
Copyright (C) 1993 AT&T All Rights Reserved		
COMMUNICATION MODULE, MODEL 2		DWG SIZE C2
AT&T		ISSUE 17M
SD-5D140-01		SHEET GB85
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CAD 38G

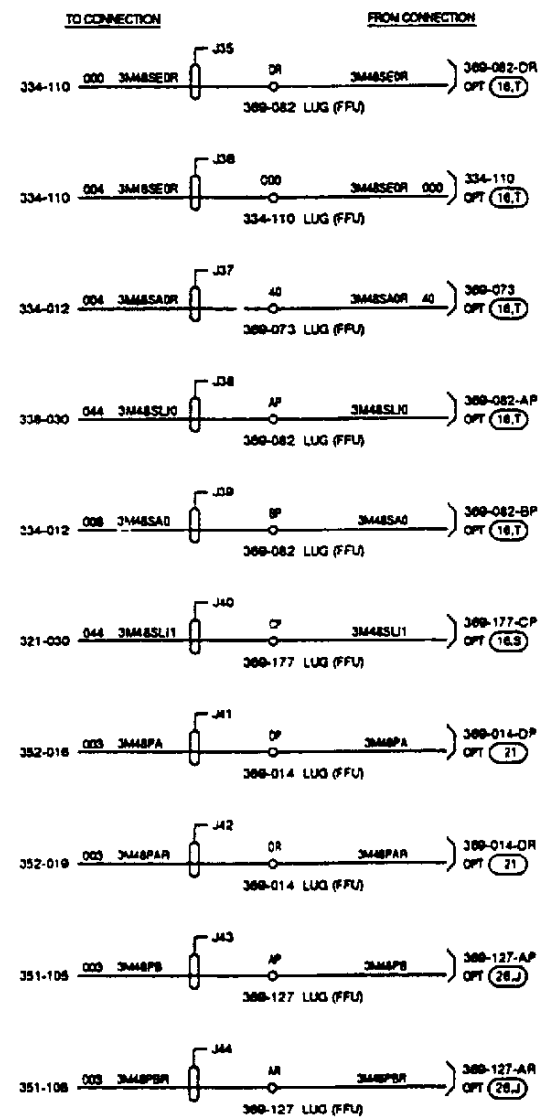
FUSE ALARM TO FUSE ALARM LINKS



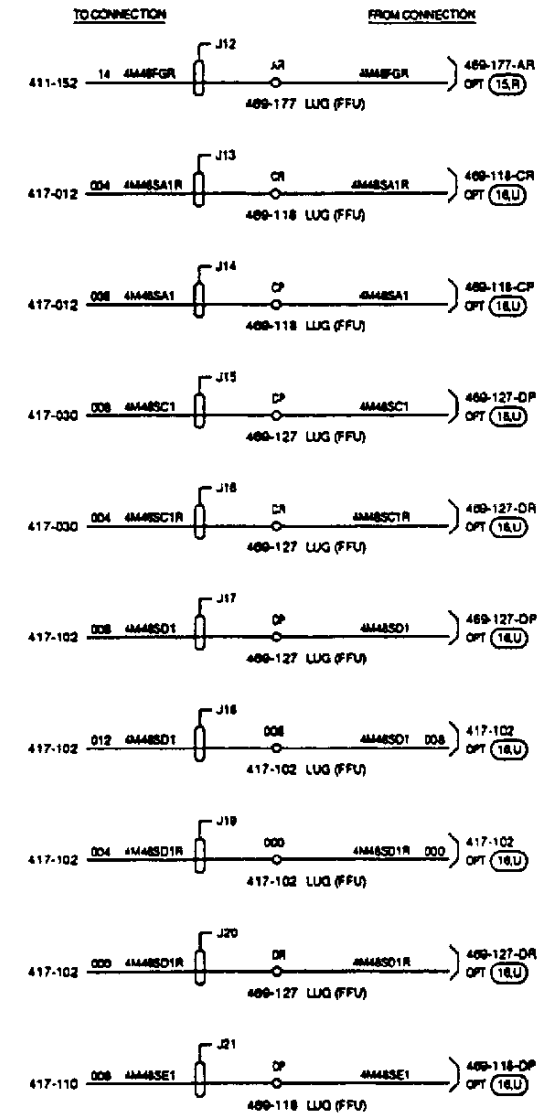
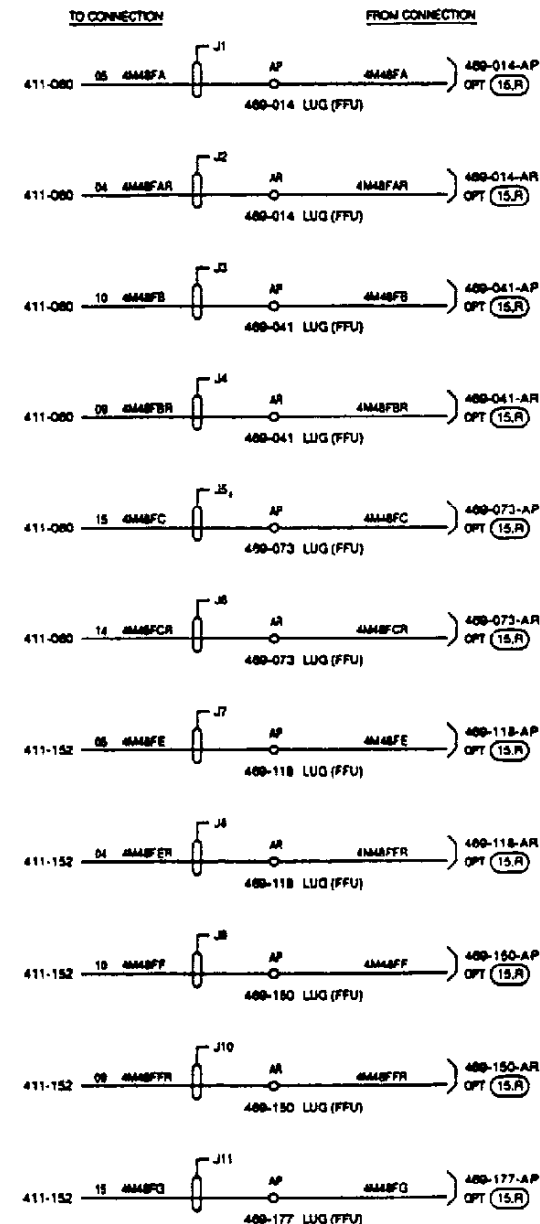
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COMMUNICATION MODULE, MODEL 2		DWG SIZE C2
AT&T	SD-5D140-01	ISSUE 17M
		SHEET GB86



CAD 39A (CONT'D)

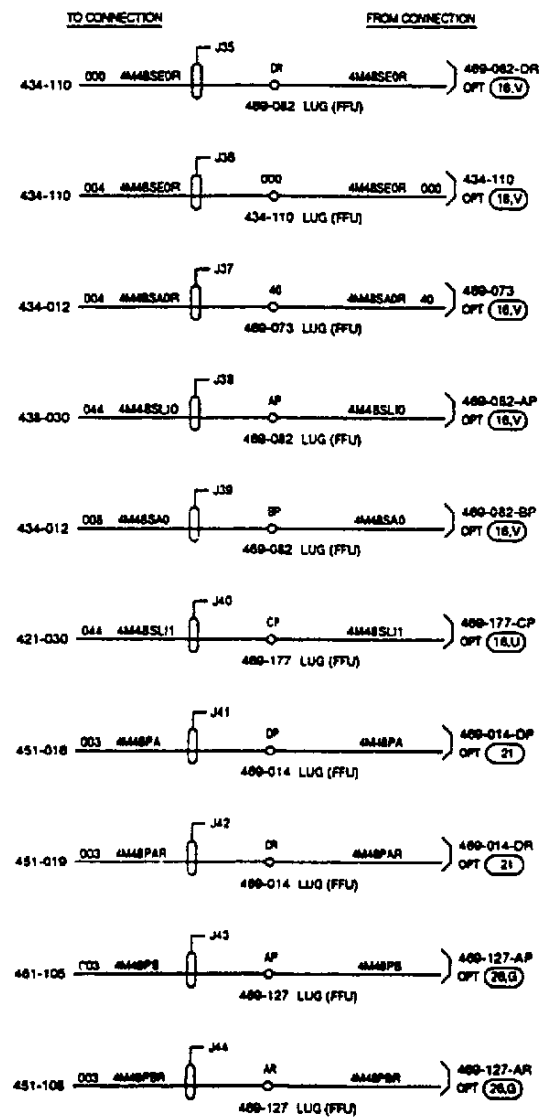
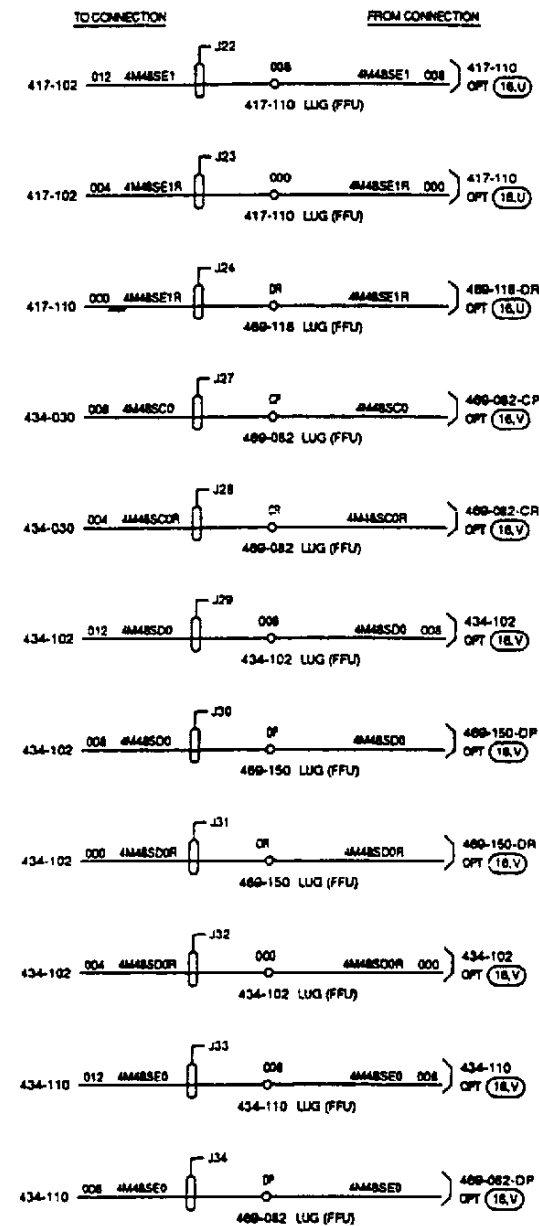


CAD 39B POWER AND RETURN, BAY 4 FOR "FJ" FUSE FILTER UNIT

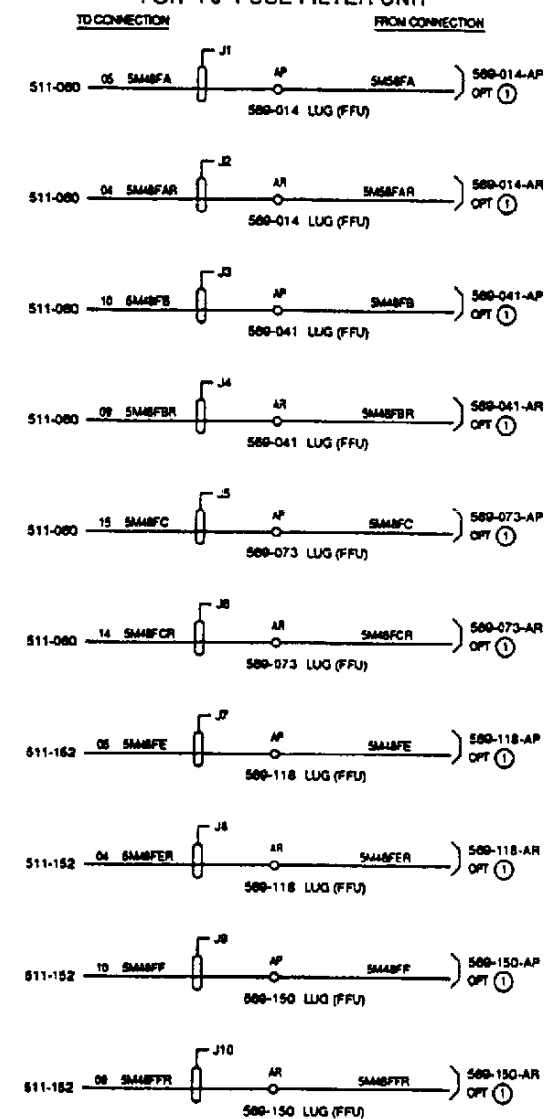


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COMMUNICATION MODULE, MODEL 2		DWG SIZE C2	ISSUE 17M
AT&T	SD-SD140-01		SHEET GB88
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CAD 39B (CONT'D)



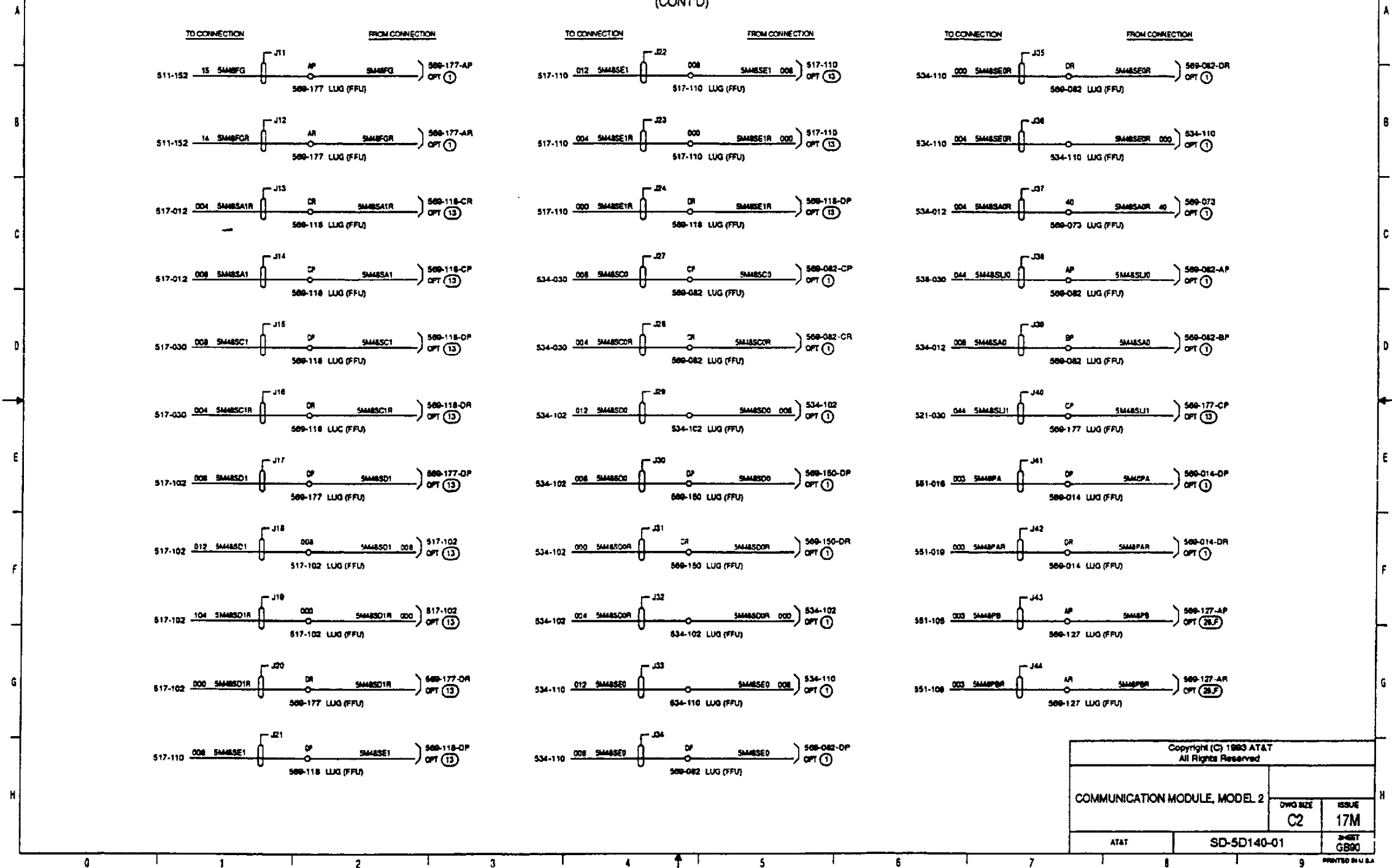
CAD 39C POWER AND RETURN, BAY 5 FOR "FJ" FUSE FILTER UNIT



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COMMUNICATION MODULE, MODEL 2		DWG SIZE C2	ISSUE 17M
AT&T		SD-5D140-01	
		SHEET GB89	

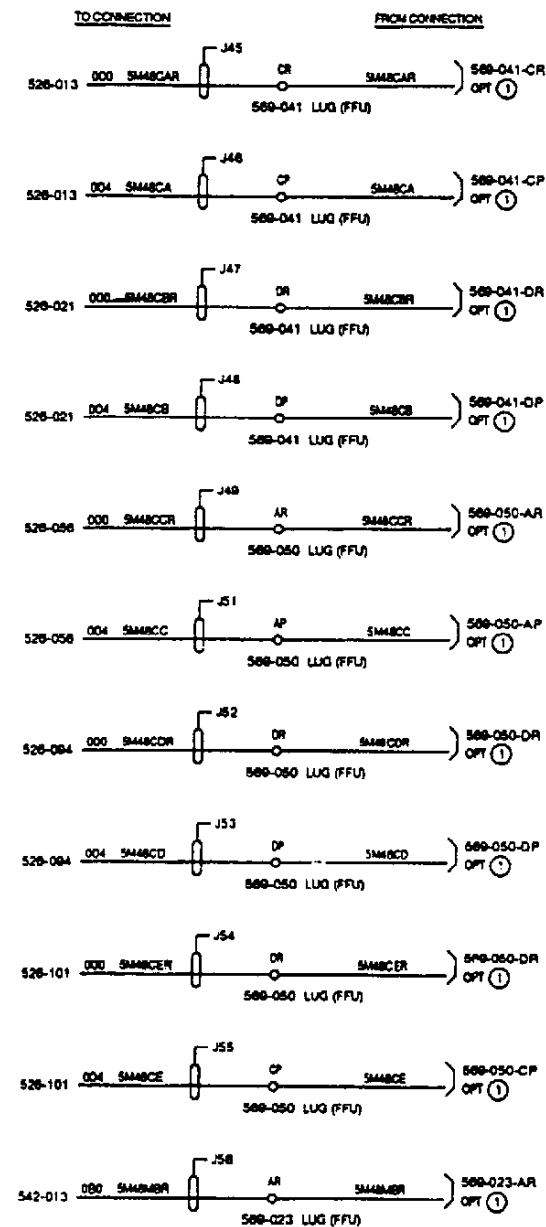
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CAD 39C (CONT'D)



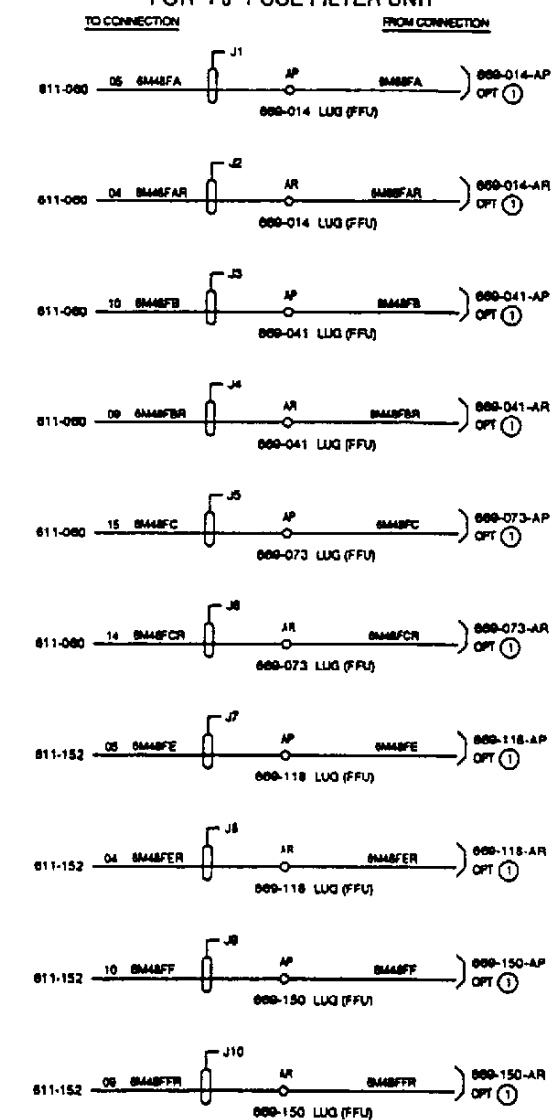
CAD 39C

(CONT'D)



CAD 39D

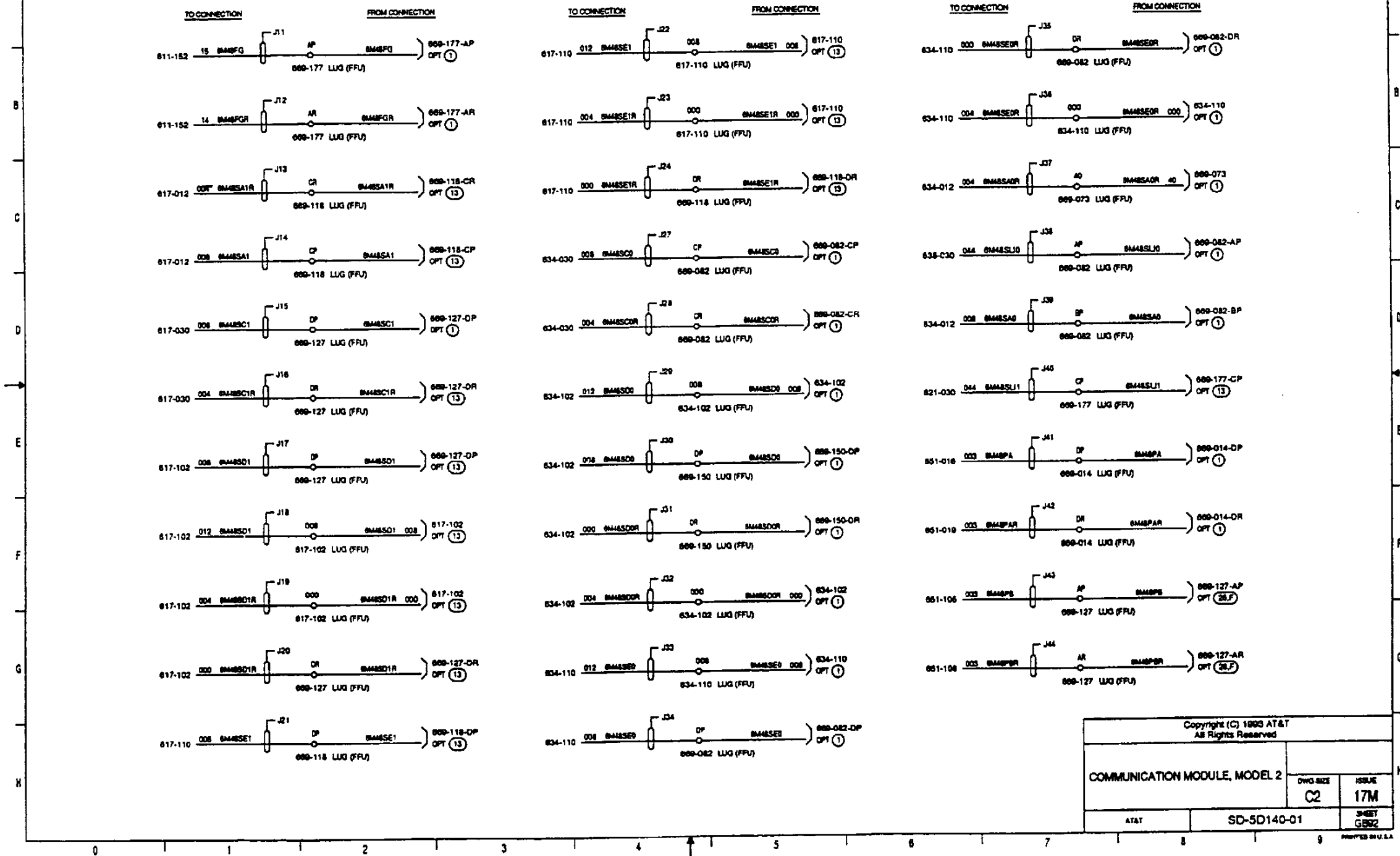
POWER AND RETURN, BAY 6
FOR "FJ" FUSE FILTER UNIT

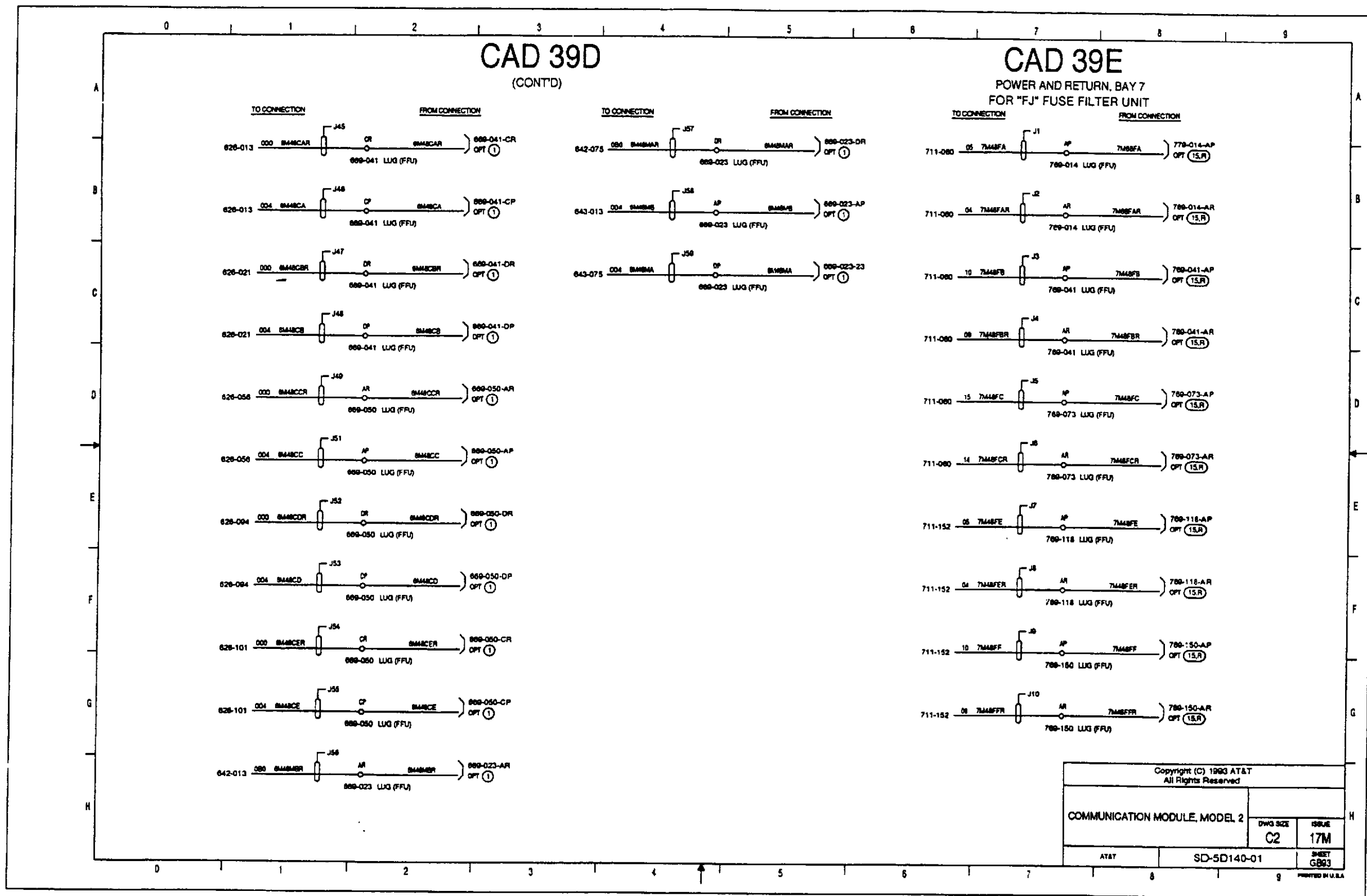


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COMMUNICATION MODULE, MODEL 2		ISSUE 17M
AT&T	SD-5D140-01	SHEET GB91

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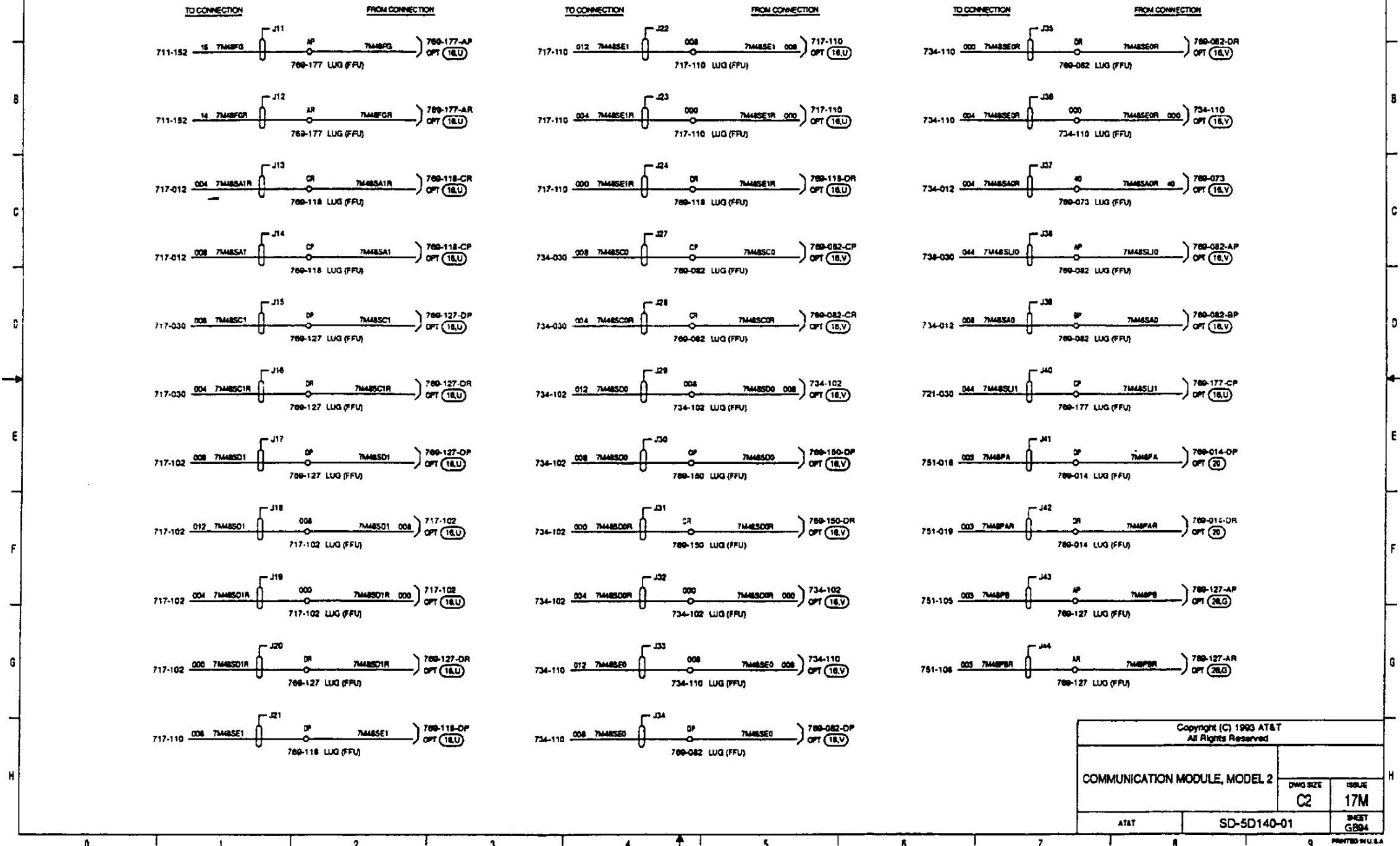
CAD 39D (CONT'D)





CAD 39E

(CONT'D)



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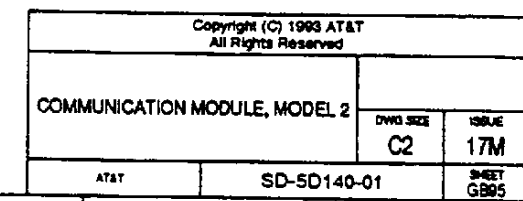
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A

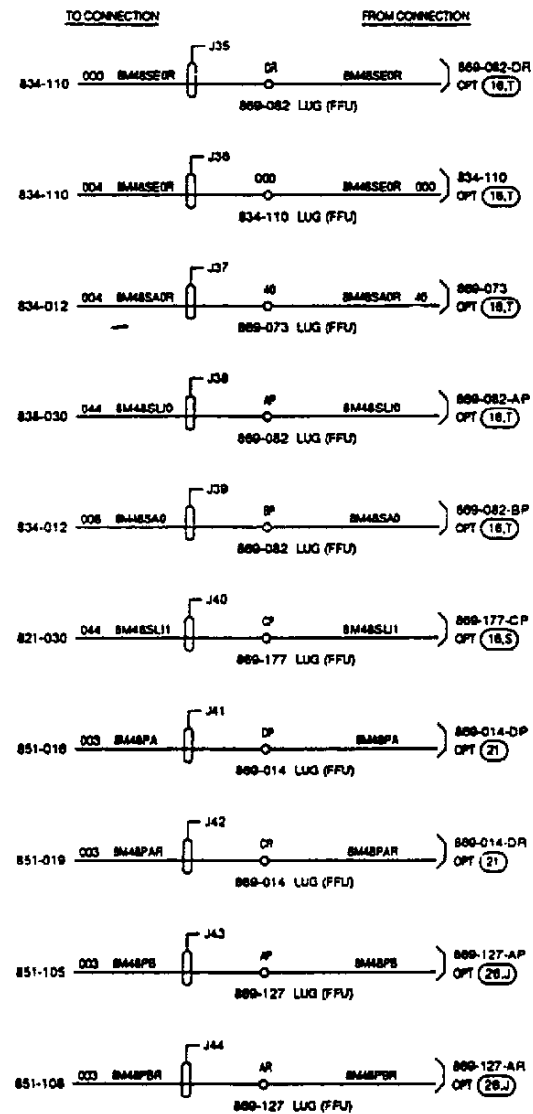
B

POWER AND RETURN, BAY 8
FOR "FJ" FUSE FILTER UNIT



CAD 39F

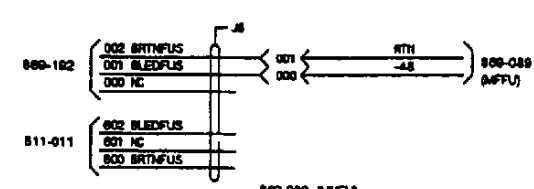
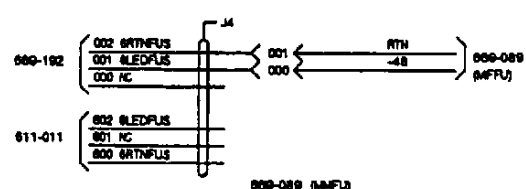
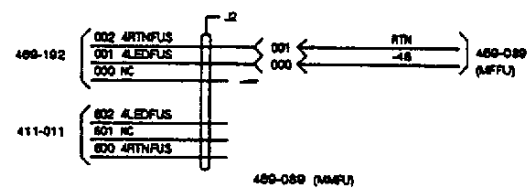
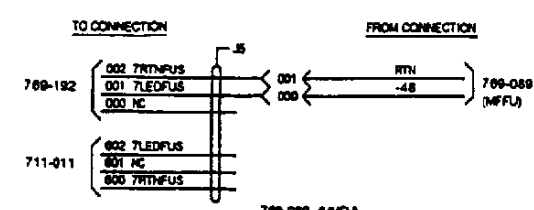
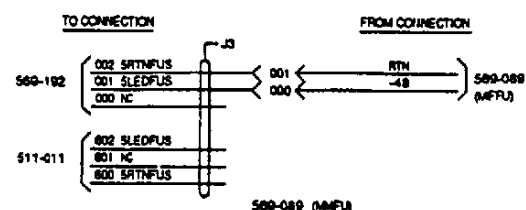
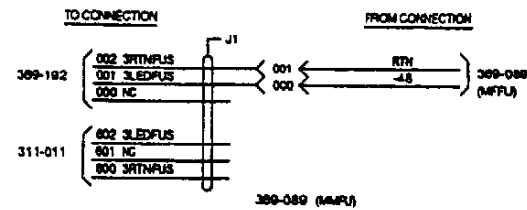
POWER AND RETURN, BAY 8 (CONT'D)



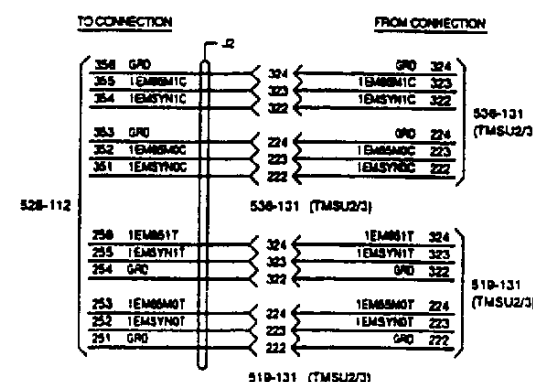
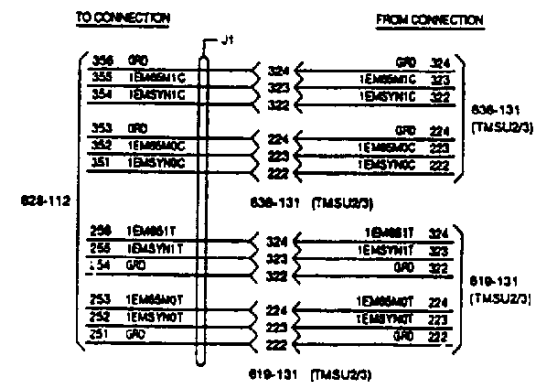
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COMMUNICATION MODULE, MODEL 2		
DWG SIZE	ISSUE	
C2	17M	
AT&T	SD-5D140-01	SHEET G596

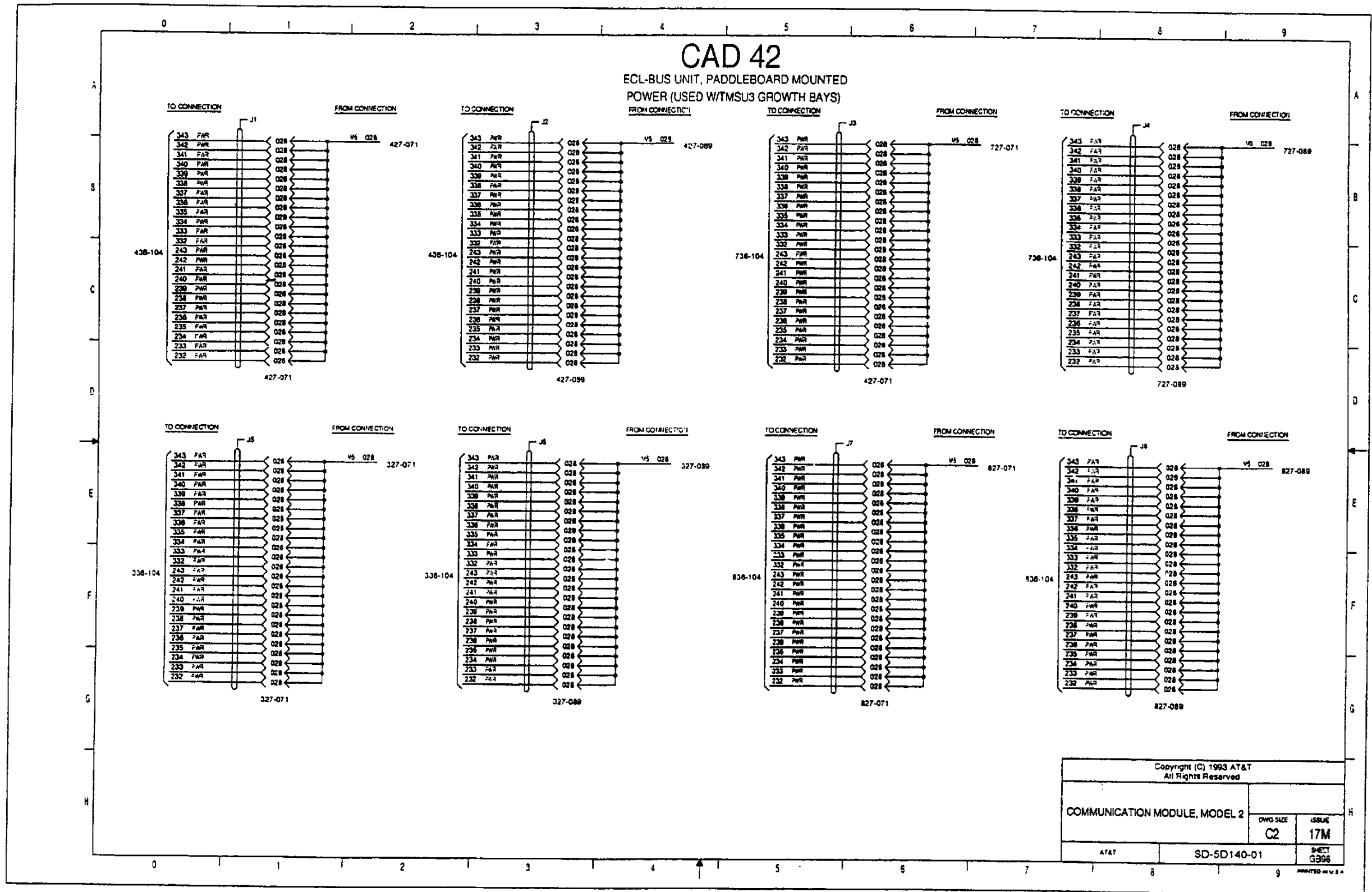
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CAD 40 FJ-ALARM TO BEZEL



CAD 41 FABRIC CLOCK





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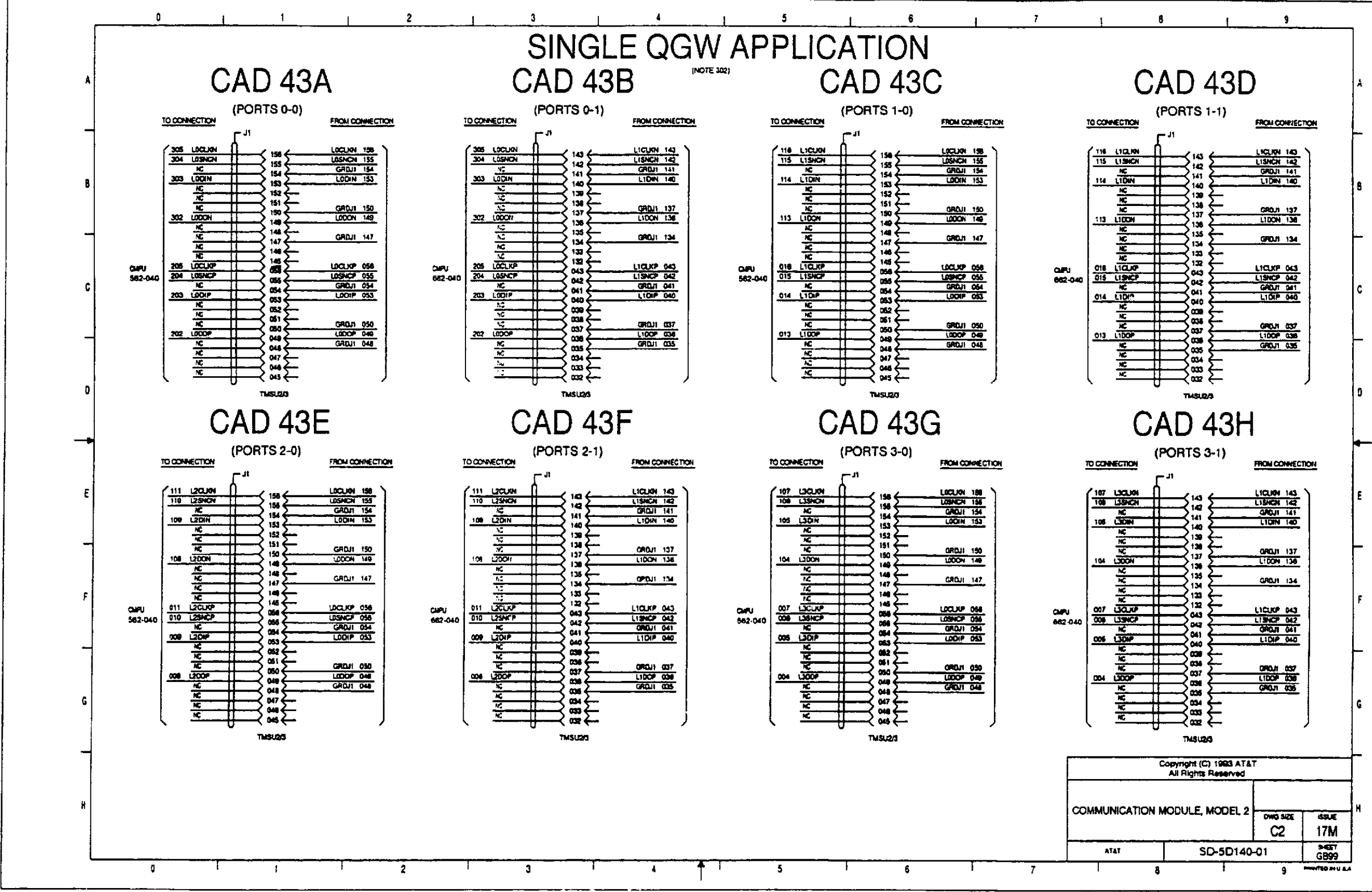
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