

SHEET INDEX

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ISSUE	ISSUE	DATE	ISSUED	BY	APPD
1	1	2-3-89			
2D	APPX ID	7-2-96			
3B	APPX 2B	7-11-87			
4A	APPX 3A	5-11-87			
5B	APPX 4B	5-11-87			

USED ON

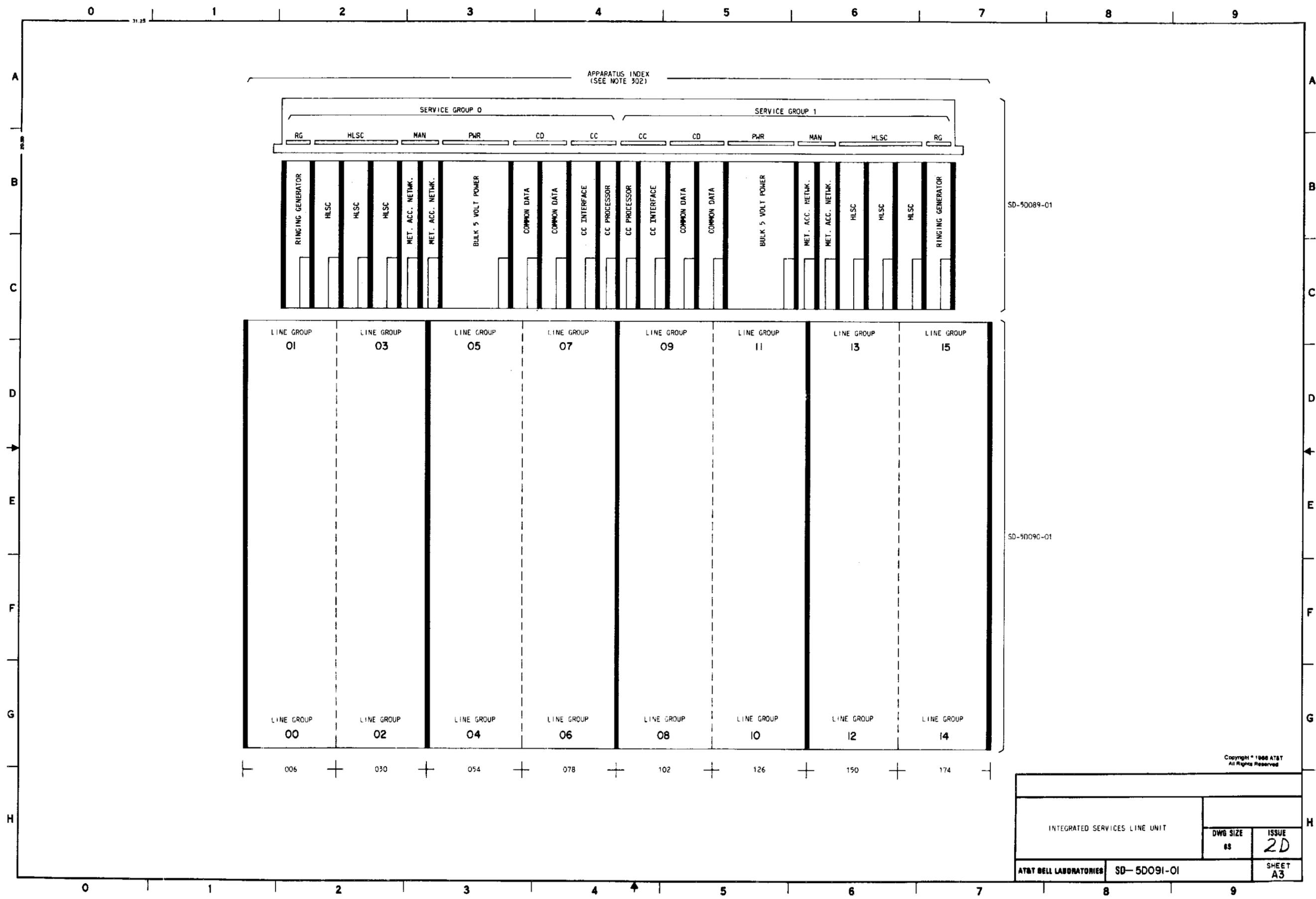
FRAME NO	PROJECT	DSGN CONT
SD-9D119-01	SESS	TH
SD-9D123-01	SESS	TH

SUPPORTING INFORMATION		Copyright 1988 AT&T All Rights Reserved	
CATEGORY	NO.		
EQUIPMENT DRAWING ISLU COMMON SHELF ISLU DRAWER	J-50004AK-1 J-50004AG-1 J-50004AH-1	8T15	
		SESS® SWITCHING EQUIPMENT INTEGRATED SERVICES LINE UNIT CIRCUIT	
		DSG SIZE 88	ISSUE 5B
		(ISLU)	
		AT&T	SD-50091-01
		SHEET 41 OF 47	

DESIGNATION MNEMONICS INDEX

MNEMONIC	ES/SYM	DEFINITION	MNEMONIC	ES/SYM	DEFINITION
-48RTNC(0,1)	CAD 07	-48RTN LUG BULK POWER (SIDE 0,1)	(00-15)(S,T)(T,R) (0,1)(H,L)(0,1) (0,1)	CAD 13-28	LINE GROUP (00-15) SPARE BUS (S) OR LINE GROUP BUS (T) TIP, RING (T,R) (0,1) HIGH GROUP (H) [LCS 16 THROUGH 31] OR LOW GROUP (L) [LCS 00 THROUGH 15] TO MAIN PACK IN SERVICE GROUP (0,1); MEMBER (0,1)
-48RTND(0,1)	CAD 07	-48RTN LUG FOR COMMON DATA (SIDE 0,1)	(00-15)SYN(N,P) (0,1)	CAD 13-28	LINE GROUP (00 THROUGH 15) SYNC PULSE WITH DIFFERENTIAL LEADS (N,P) FROM SERVICE GROUP (0,1)
-48RTNI(0,1)	CAD 07	-48RTN LUG FOR COMMON CONTROL INTERFACE (SIDE 0,1)			
-48RTNR(0,1)	CAD 07	-48RTN LUG FOR RING GENERATOR (SIDE 0,1)			
-48RTNS(0,1)	CAD 07	-48RTN LUG FOR HIGH LEVEL SERVICE CIRCUIT (SIDE 0,1)			
-48RTN(00-15)	CAD 07-11	-48RTN FOR LINE GROUPS 00-15			
-48CONV(0,1)	CAD 07	-48V LUG FOR BULK POWER (SIDE 0,1)			
-48CD(0,1)	CAD 07	-48V LUG FOR COMMON DATA (SIDE 0,1)			
-48CCI(0,1)	CAD 07	-48V LUG FOR COMMON CONTROL INTERFACE (SIDE 0,1)			
-48RG(0,1)	CAD 07	-48V LUG FOR RING GENERATOR (SIDE 0,1)			
-48HLSC(0,1)	CAD 07	-48V LUG FOR HIGH LEVEL SERVICE CIRCUIT (SIDE 0,1)			
-48LC(00-15)	CAD 07-11	-48V FOR LINE GROUPS 00-15			
(T,R)(0,1)(00-15) (1-4)(0,1)(00-31)	CAD 29-44	(TIP,RING) (0,1) FOR LINE GROUPS 00 THROUGH 15 (ON JACK NUMBER 1-4) (PIN ROW 0,1) (LINE CARD NUMBER 00-31)			
(0,1)CLK(0,1)(N,P)	CAD 05-06	PICB CLOCK TO THE CCI PACKS			
(0,1)INT(0,1)(N,P)	CAD 05-06	PICB INTERRUPTS FROM THE CCI PACKS			
(0,1)MSG(0,1)(N,P)	CAD 05-06	PICB MESSAGE LINE			
(0,1)MTB(R,T)	CAD 12	SERVICE GROUP (0,1) METALLIC TEST BUS (RING,TIP)			
(0,1)REPLY(0,1) (N,P)	CAD 05-06	SERVICE GROUP (0,1) PICB REPLY (N,P)			
(0,1)SEL(0,1)(N,P)	CAD 05-06	SERVICE GROUP (0,1) PICB SELECTS TO THE CCI PACKS			
(00-15)ALM(1,2)	CAD 13-28	PART OF THE POWER UP SYSTEM FOR THE LINE GROUPS			
(00-15)LCK(N,P) (0,1)	CAD 13-28	LIDB 4 MHZ CLOCK FROM CD PACKS TO LINE GROUP CONTROLLERS			
(00-15)LGC(N,P) (0,1)	CAD 13-28	LIDB SIDE SELECT FROM CD PACKS TO LINE GROUP CONTROLLER PACKS			
(00-15)L(R,T)D (N,P)(0,1)	CAD 13-28	LIDB DATA I/O BETWEEN CD PACKS AND LINE GROUP CONTROLLER PACKS			
(0,1)(0,1)P(A-F) CK(0,1)(N,P)	CAD 01-04	PIDB 4 MHZ CLOCK TO THE CD PACKS			
(0,1)(0,1)P(A-F) DI(0,1)(N,P)	CAD 01-04	PIDB SERIAL DATA TO THE CD PACKS			
(0,1)(0,1)P(A-F) DO(0,1)(N,P)	CAD 01-04	PIDB SERIAL DATA TO THE CD PACKS			
(0,1)(0,1)P(A-F) SY(0,1)(N,P)	CAD 01-04	PIDB 8 KHZ SYNC PULSE TO THE PACKS			

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INTEGRATED SERVICES LINE UNIT		DWG SIZE A2
AT&T BELL LABORATORIES	SD-5D091-01	ISSUE 2D

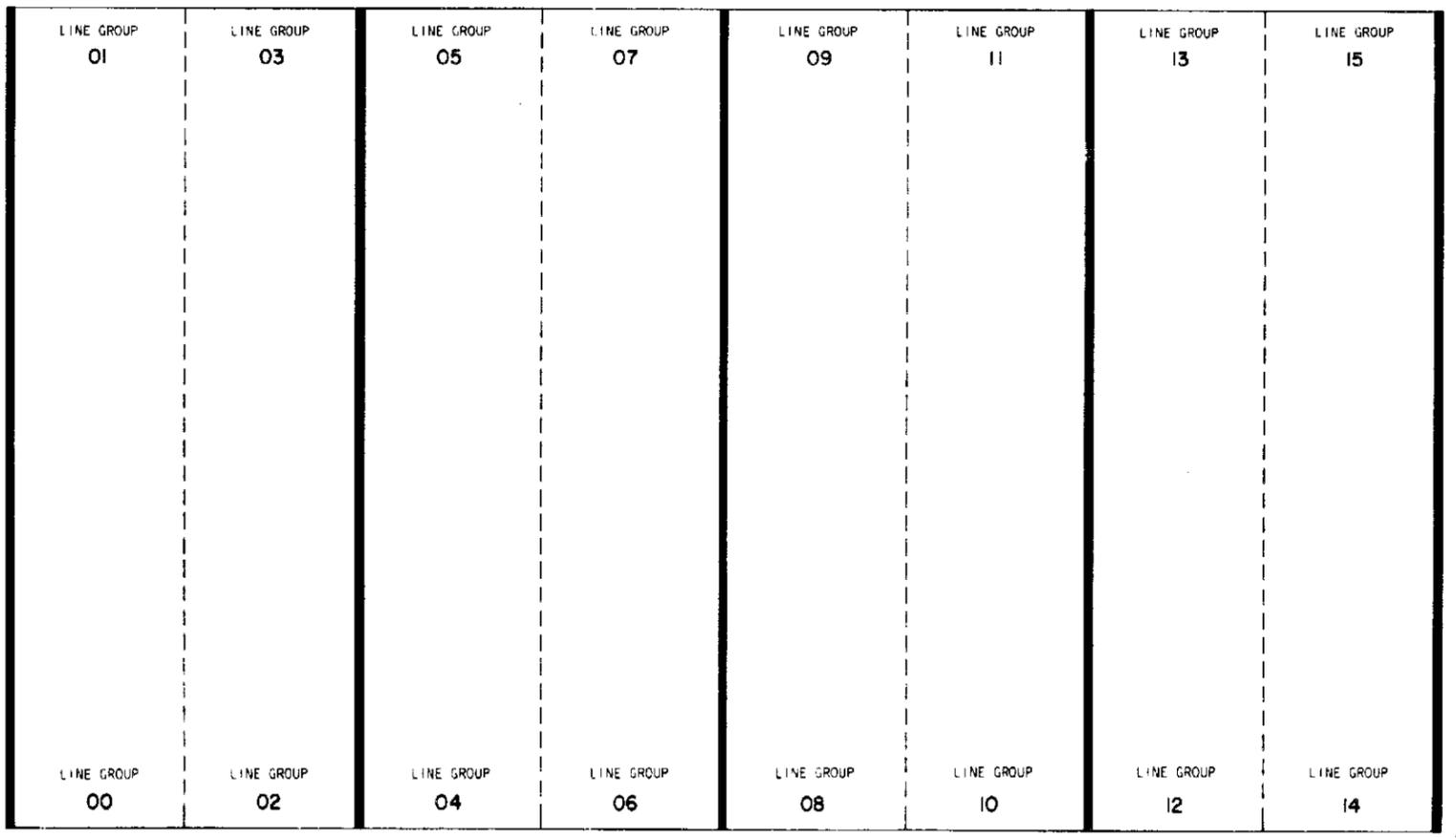
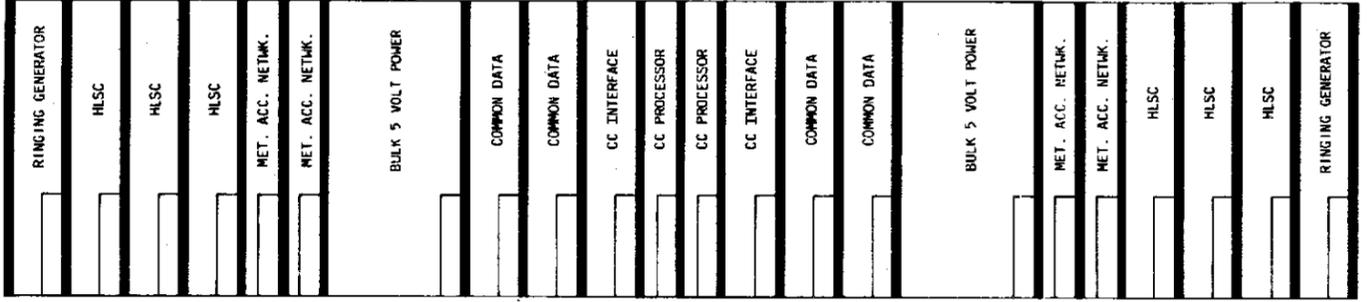


APPARATUS INDEX
(SEE NOTE 302)

SERVICE GROUP 0

SERVICE GROUP 1

RG HLSC MAN PWR CD CC CC CD PWR MAN HLSC RG



006 + 030 + 054 + 078 + 102 + 126 + 150 + 174

SD-50089-01

SD-50090-01

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INTEGRATED SERVICES LINE UNIT		DWG SIZE 65	ISSUE 2D
AT&T BELL LABORATORIES SD-50091-01		SHEET A3	

0 1 2 3 4 5 6 7 8 9

A B C D E F G H

CABLE DESCRIPTION TABLE

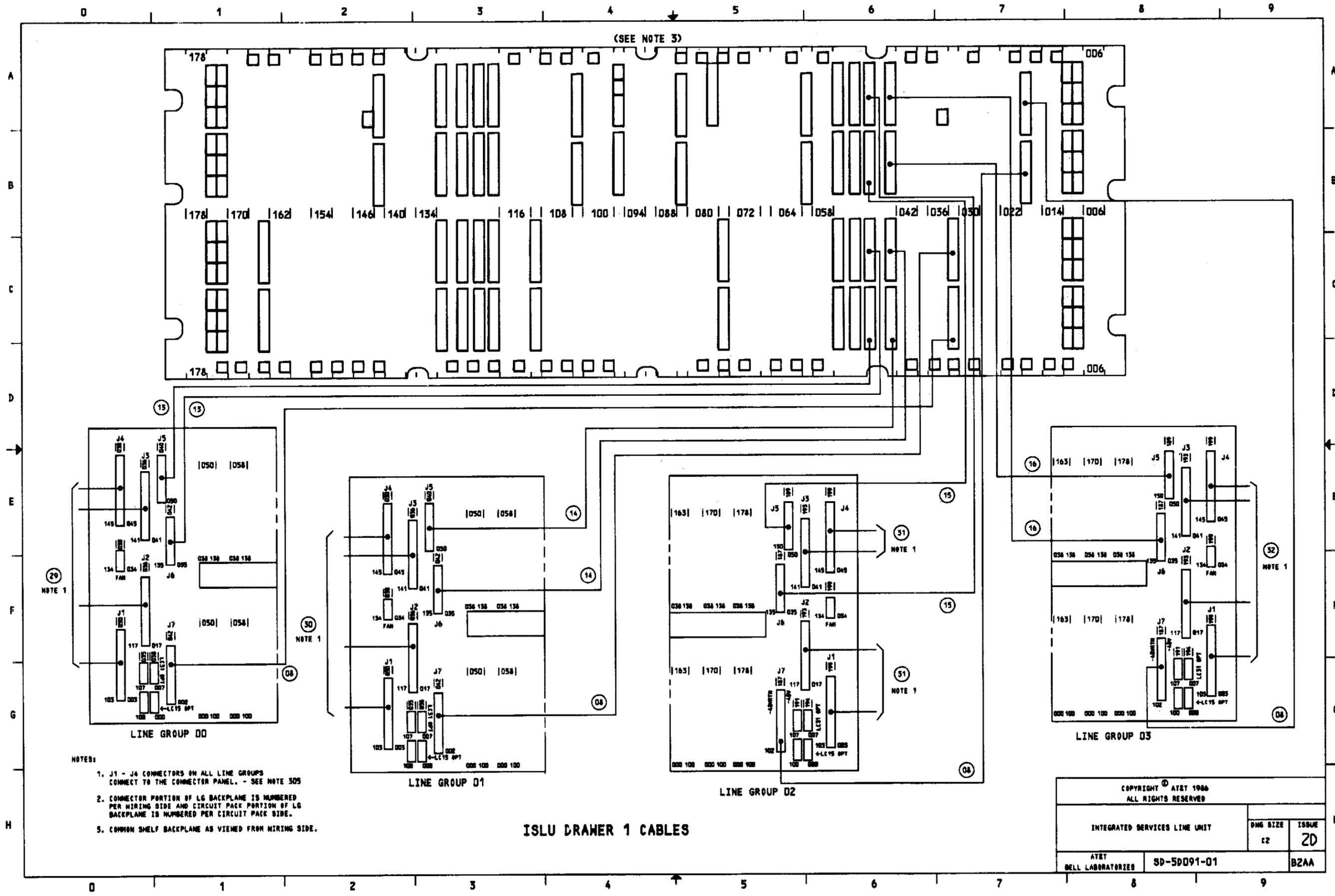
CAD NO.	FROM	SIZE	TO	SIZE
01	26-013-002	2 X 4	MCTU	2 X 4
	26-011-002	2 X 4	MCTU	2 X 4
	26-013-006	2 X 4	APP SCHEM	2 X 4
	26-011-006	2 X 4	APP SCHEM	2 X 4
	26-013-010	2 X 4	APP SCHEM	2 X 4
	26-011-010	2 X 4	APP SCHEM	2 X 4
	26-013-015	2 X 4	APP SCHEM	2 X 4
	26-011-015	2 X 4	APP SCHEM	2 X 4
	26-013-019	2 X 4	APP SCHEM	2 X 4
	26-011-019	2 X 4	APP SCHEM	2 X 4
26-013-023	2 X 4	APP SCHEM	2 X 4	
26-011-023	2 X 4	APP SCHEM	2 X 4	
02	26-177-002	2 X 4	MCTU	2 X 4
	26-175-002	2 X 4	MCTU	2 X 4
	26-177-006	2 X 4	APP SCHEM	2 X 4
	26-175-006	2 X 4	APP SCHEM	2 X 4
	26-177-010	2 X 4	APP SCHEM	2 X 4
	26-175-010	2 X 4	APP SCHEM	2 X 4
	26-177-015	2 X 4	APP SCHEM	2 X 4
	26-175-015	2 X 4	APP SCHEM	2 X 4
	26-177-019	2 X 4	APP SCHEM	2 X 4
	26-175-019	2 X 4	APP SCHEM	2 X 4
26-177-023	2 X 4	APP SCHEM	2 X 4	
26-175-023	2 X 4	APP SCHEM	2 X 4	
03	26-013-032	2 X 4	APP SCHEM	2 X 4
	26-011-032	2 X 4	APP SCHEM	2 X 4
	26-013-036	2 X 4	APP SCHEM	2 X 4
	26-011-036	2 X 4	APP SCHEM	2 X 4
	26-013-040	2 X 4	APP SCHEM	2 X 4
	26-011-040	2 X 4	APP SCHEM	2 X 4
	26-013-045	2 X 4	APP SCHEM	2 X 4
	26-011-045	2 X 4	APP SCHEM	2 X 4
	26-013-049	2 X 4	APP SCHEM	2 X 4
	26-011-049	2 X 4	APP SCHEM	2 X 4
26-013-053	2 X 4	APP SCHEM	2 X 4	
26-011-053	2 X 4	APP SCHEM	2 X 4	
04	26-177-032	2 X 4	APP SCHEM	2 X 4
	26-175-032	2 X 4	APP SCHEM	2 X 4
	26-177-036	2 X 4	APP SCHEM	2 X 4
	26-175-036	2 X 4	APP SCHEM	2 X 4
	26-177-040	2 X 4	APP SCHEM	2 X 4
	26-175-040	2 X 4	APP SCHEM	2 X 4
	26-177-045	2 X 4	APP SCHEM	2 X 4
	26-175-045	2 X 4	APP SCHEM	2 X 4
	26-177-049	2 X 4	APP SCHEM	2 X 4
	26-175-049	2 X 4	APP SCHEM	2 X 4
26-177-053	2 X 4	APP SCHEM	2 X 4	
26-175-053	2 X 4	APP SCHEM	2 X 4	
05	26-080-145	2 X 12	MCTU	
06	26-100-145	2 X 12	MCTU	

CAD NO.	FROM	SIZE	TO	SIZE
07	23-013-080	LUG	FFP4	LUG
	23-014-380	LUG	FFP4	LUG
	23-021-080	LUG	FFP4	LUG
	23-022-380	LUG	FFP4	LUG
	23-030-180	LUG	FFP4	LUG
	23-035-080	LUG	FFP4	LUG
	23-036-380	LUG	FFP4	LUG
	23-042-180	LUG	FFP4	LUG
	23-058-380	LUG	FFP4	LUG
	23-064-180	LUG	FFP4	LUG
	23-064-380	LUG	FFP4	LUG
	23-072-380	LUG	FFP4	LUG
	23-079-080	LUG	FFP4	LUG
	23-080-380	LUG	FFP4	LUG
	23-100-180	LUG	FFP4	LUG
	23-100-380	LUG	FFP4	LUG
	23-108-180	LUG	FFP4	LUG
	23-108-380	LUG	FFP4	LUG
	23-116-380	LUG	FFP4	LUG
	23-123-080	LUG	FFP4	LUG
	23-127-080	LUG	FFP4	LUG
	23-131-080	LUG	FFP4	LUG
	23-145-080	LUG	FFP4	LUG
	23-146-380	LUG	FFP4	LUG
	23-153-080	LUG	FFP4	LUG
	23-154-380	LUG	FFP4	LUG
	23-162-180	LUG	FFP4	LUG
	23-167-080	LUG	FFP4	LUG
	23-170-180	LUG	FFP4	LUG
	23-175-080	LUG	FFP4	LUG
29-014-157	LUG	FFP4	LUG	
29-019-057	LUG	FFP4	LUG	
29-022-257	LUG	FFP4	LUG	
29-030-157	LUG	FFP4	LUG	
29-036-357	LUG	FFP4	LUG	
29-042-157	LUG	FFP4	LUG	
29-058-257	LUG	FFP4	LUG	
29-064-257	LUG	FFP4	LUG	
29-072-357	LUG	FFP4	LUG	
29-079-057	LUG	FFP4	LUG	
29-080-357	LUG	FFP4	LUG	
29-087-057	LUG	FFP4	LUG	
29-100-457	LUG	FFP4	LUG	
29-108-157	LUG	FFP4	LUG	
29-108-357	LUG	FFP4	LUG	
29-116-357	LUG	FFP4	LUG	
29-145-057	LUG	FFP4	LUG	
29-146-357	LUG	FFP4	LUG	
29-153-057	LUG	FFP4	LUG	
29-154-357	LUG	FFP4	LUG	
29-162-357	LUG	FFP4	LUG	
29-169-057	LUG	FFP4	LUG	
12	26-036-145	2 X 3	MMSU	
	26-146-145	2 X 3	MMSU	

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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		8 1/2	1
AT&T BELL LABORATORIES	SD-5D091-01		SHEET BIAB

0 1 2 3 4 5 6 7 8 9



NOTES:

1. J1 - J4 CONNECTORS ON ALL LINE GROUPS CONNECT TO THE CONNECTOR PANEL. - SEE NOTE 305
2. CONNECTOR PORTION OF LG BACKPLANE IS NUMBERED PER WIRING SIDE AND CIRCUIT PACK PORTION OF LG BACKPLANE IS NUMBERED PER CIRCUIT PACK SIDE.
5. COMMON SHELF BACKPLANE AS VIEWED FROM WIRING SIDE.

ISLU DRAWER 1 CABLES

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INTEGRATED SERVICES LINE UNIT		PHG SIZE 12
AT&T BELL LABORATORIES		ISSUE 20 B2AA
SD-50091-01		

0 1 2 3 4 5 6 7 8 9

A
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A
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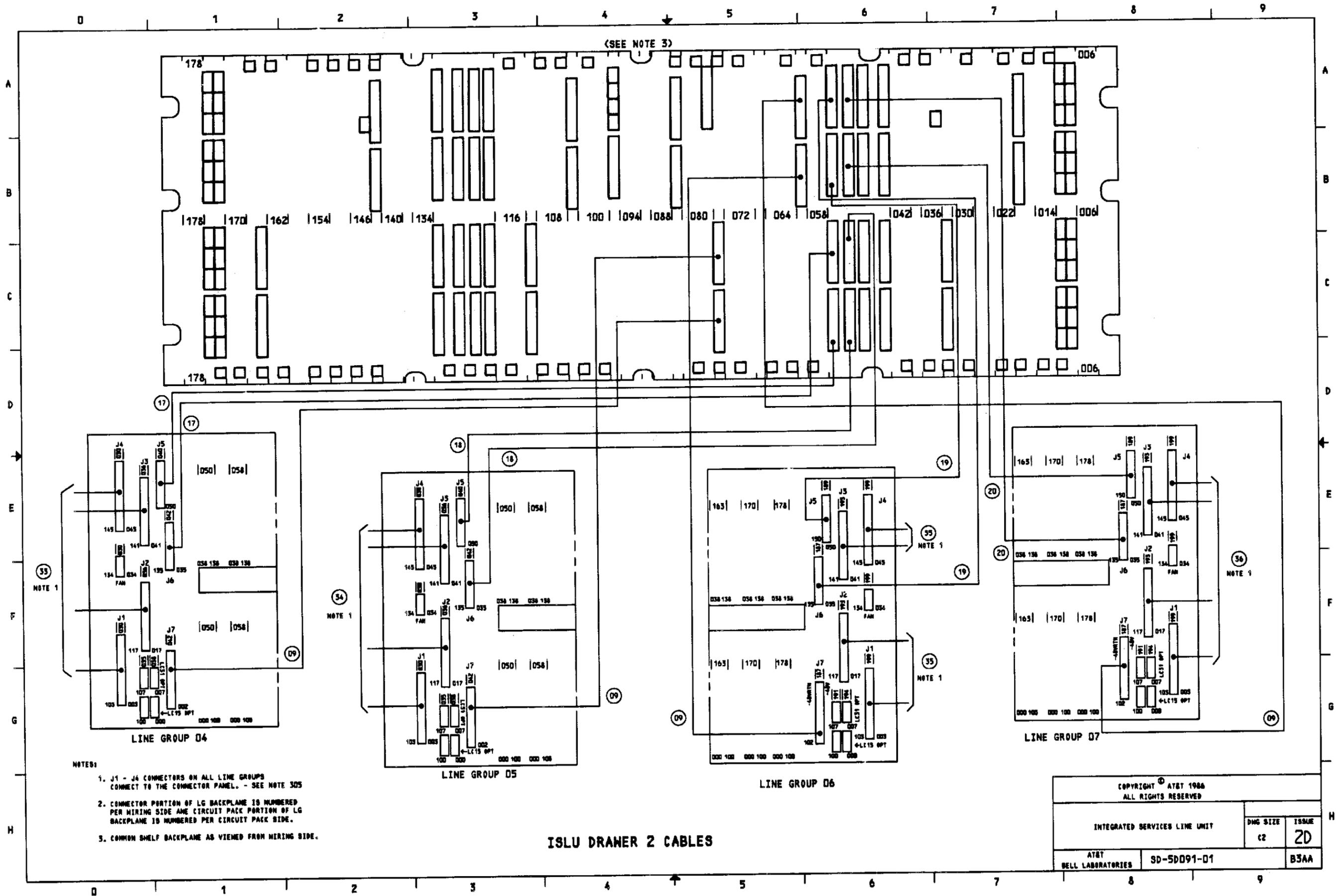
CABLE DESCRIPTION TABLE

CAD NO.	TO	SIZE	FROM	SIZE
08	26-035-002	2 X 12	00-J7-102	2 X 15
	26-035-015	2 X 12	01-J7-102	2 X 15
	26-021-030	2 X 12	02-J7-102	2 X 15
	26-021-045	2 X 12	03-J7-102	2 X 15
13	26-051-002	2 X 12	00-J5-150	2 X 12
	26-051-015	2 X 12	00-J6-135	2 X 12
14	26-047-002	2 X 12	01-J5-150	2 X 12
	26-047-015	2 X 12	01-J6-135	2 X 12
15	26-051-032	2 X 12	02-J5-150	2 X 12
	26-051-045	2 X 12	02-J6-135	2 X 12
16	26-047-032	2 X 12	03-J5-150	2 X 12
	26-047-045	2 X 12	03-J6-135	2 X 12
29	00-J1-103	2 X 17	CONN PANEL	2 X 17
	00-J2-117	2 X 17	CONN PANEL	2 X 17
	00-J3-141	2 X 17	CONN PANEL	2 X 17
	00-J4-145	2 X 17	CONN PANEL	2 X 17
30	01-J1-103	2 X 17	CONN PANEL	2 X 17
	01-J2-117	2 X 17	CONN PANEL	2 X 17
	01-J3-141	2 X 17	CONN PANEL	2 X 17
	01-J4-145	2 X 17	CONN PANEL	2 X 17
31	02-J1-103	2 X 17	CONN PANEL	2 X 17
	02-J2-117	2 X 17	CONN PANEL	2 X 17
	02-J3-141	2 X 17	CONN PANEL	2 X 17
	02-J4-145	2 X 17	CONN PANEL	2 X 17
32	03-J1-103	2 X 17	CONN PANEL	2 X 17
	03-J2-117	2 X 17	CONN PANEL	2 X 17
	03-J3-141	2 X 17	CONN PANEL	2 X 17
	03-J4-145	2 X 17	CONN PANEL	2 X 17

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INTEGRATED SERVICES LINE UNIT		DWG SIZE 08	ISSUE 2D
AT&T BELL LABORATORIES	SD-5D091-01	SHEET B2AB	

0 1 2 3 4 5 6 7 8 9



(SEE NOTE 3)

LINE GROUP 04

LINE GROUP 05

LINE GROUP 06

LINE GROUP 07

- NOTES:
1. J1 - J4 CONNECTORS ON ALL LINE GROUPS CONNECT TO THE CONNECTOR PANEL. - SEE NOTE 305
 2. CONNECTOR PORTION OF LG BACKPLANE IS NUMBERED PER WIRING SIDE AND CIRCUIT PACK PORTION OF LG BACKPLANE IS NUMBERED PER CIRCUIT PACK SIDE.
 3. COMMON SHELF BACKPLANE AS VIEWED FROM WIRING SIDE.

ISLU DRAWER 2 CABLES

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INTEGRATED SERVICES LINE UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 2D
SD-5D091-01		B3AA

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

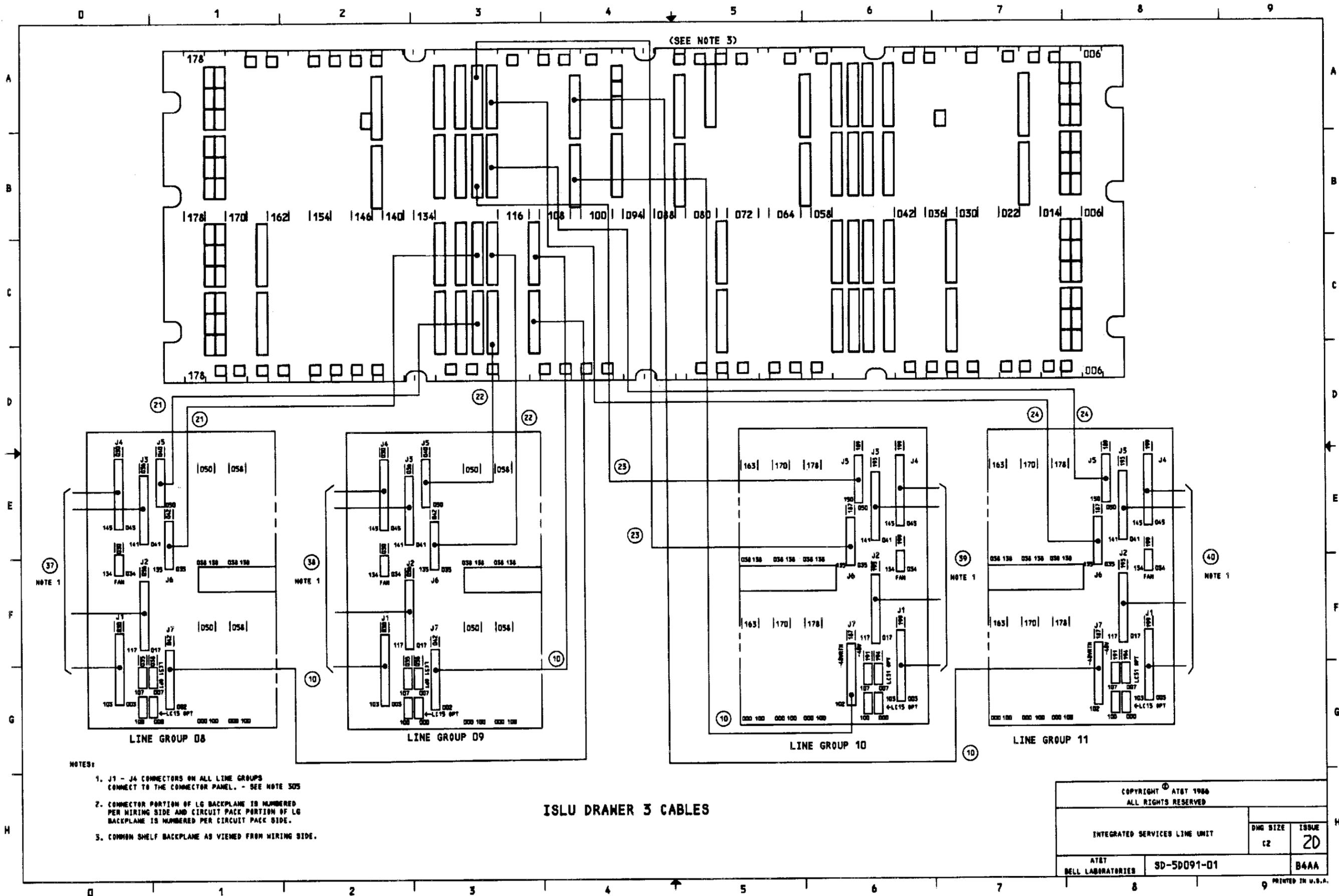
CABLE DESCRIPTION TABLE

CAD NO.	TO	SIZE	FROM	SIZE
09	26-079-002	2 X 12	04-J7-102	2 X 15
	26-079-015	2 X 12	05-J7-102	2 X 15
	26-063-030	2 X 12	06-J7-102	2 X 15
	26-063-043	2 X 12	07-J7-102	2 X 15
17	26-057-002	2 X 12	04-J5-150	2 X 12
	26-057-015	2 X 12	04-J6-135	2 X 12
18	26-054-002	2 X 12	05-J5-150	2 X 12
	26-054-015	2 X 12	05-J6-135	2 X 12
19	26-057-032	2 X 12	06-J5-150	2 X 12
	26-057-045	2 X 12	06-J6-135	2 X 12
20	26-054-032	2 X 12	07-J5-150	2 X 12
	26-054-045	2 X 12	07-J6-135	2 X 12
33	04-J1-103	2 X 17	CONN PANEL	2 X 17
	04-J2-117	2 X 17	CONN PANEL	2 X 17
	04-J3-141	2 X 17	CONN PANEL	2 X 17
	04-J4-145	2 X 17	CONN PANEL	2 X 17
34	05-J1-103	2 X 17	CONN PANEL	2 X 17
	05-J2-117	2 X 17	CONN PANEL	2 X 17
	05-J3-141	2 X 17	CONN PANEL	2 X 17
	05-J4-145	2 X 17	CONN PANEL	2 X 17
35	06-J1-103	2 X 17	CONN PANEL	2 X 17
	06-J2-117	2 X 17	CONN PANEL	2 X 17
	06-J3-141	2 X 17	CONN PANEL	2 X 17
	06-J4-145	2 X 17	CONN PANEL	2 X 17
36	07-J1-103	2 X 17	CONN PANEL	2 X 17
	07-J2-117	2 X 17	CONN PANEL	2 X 17
	07-J3-141	2 X 17	CONN PANEL	2 X 17
	07-J4-145	2 X 17	CONN PANEL	2 X 17

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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		88	20
AT&T BELL LABORATORIES	SD-50091-01	SHEET B3AB	

0 1 2 3 4 5 6 7 8 9



- NOTES:
1. J1 - J4 CONNECTORS ON ALL LINE GROUPS CONNECT TO THE CONNECTOR PANEL. - SEE NOTE 305
 2. CONNECTOR PORTION OF LG BACKPLANE IS NUMBERED PER WIRING SIDE AND CIRCUIT PACK PORTION OF LG BACKPLANE IS NUMBERED PER CIRCUIT PACK SIDE.
 3. COMMON SHELF BACKPLANE AS VIEWED FROM WIRING SIDE.

ISLU DRAWER 3 CABLES

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INTEGRATED SERVICES LINE UNIT		DWG SIZE C2
		ISSUE 20
AT&T BELL LABORATORIES	SD-5D091-01	B4AA

0 1 2 3 4 5 6 7 8 9

A
B
C
D
E
F
G
H

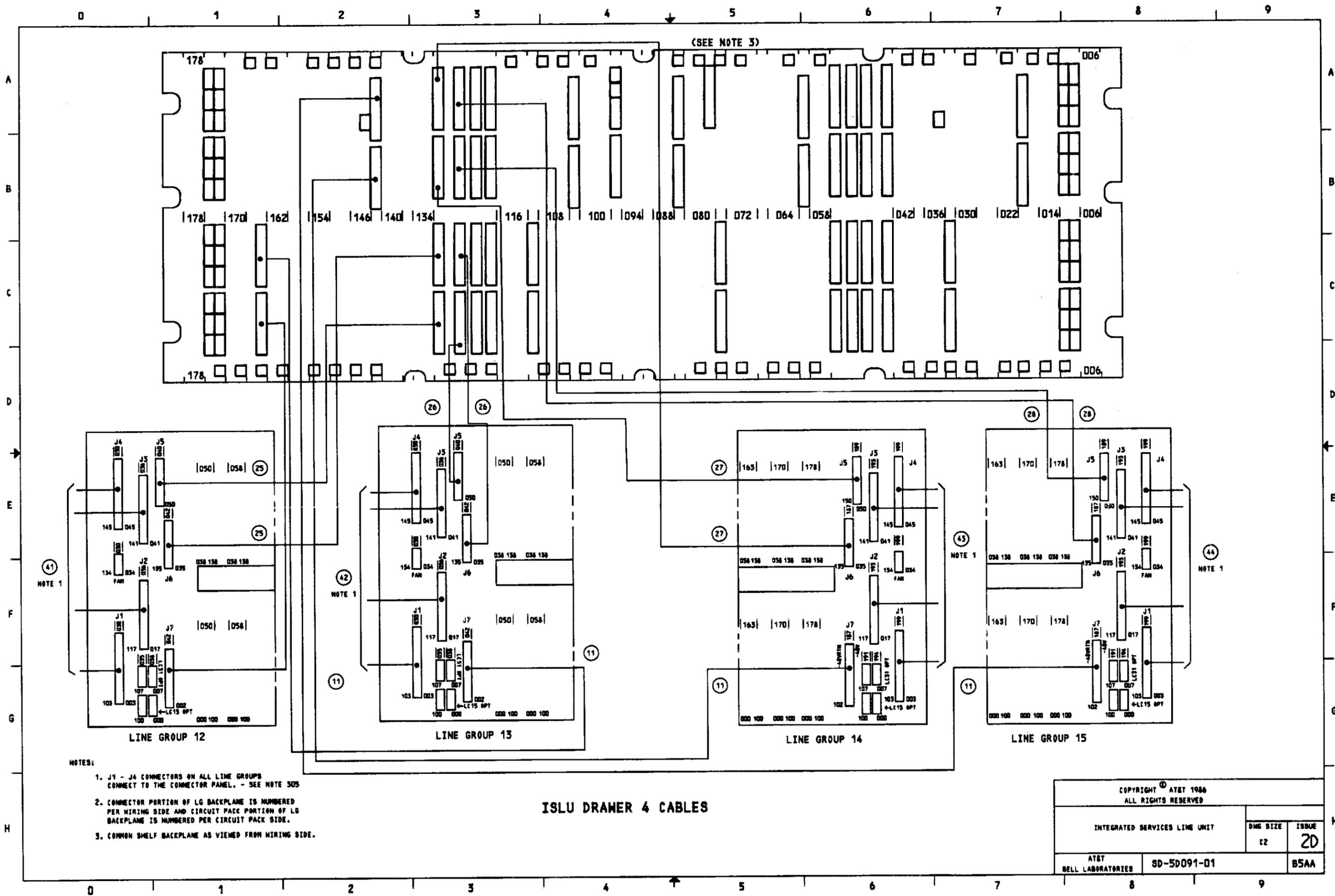
CABLE DESCRIPTION TABLE

CAD NO.	TO	SIZE	FROM	SIZE
10	26-115-002	2 X 12	08-J7-102	2 X 15
	26-115-015	2 X 12	09-J7-102	2 X 15
	26-107-090	2 X 12	10-J7-102	2 X 15
	26-107-043	2 X 12	11-J7-102	2 X 15
21	26-126-002	2 X 12	08-J5-150	2 X 12
	26-126-015	2 X 12	08-J6-155	2 X 12
22	26-123-002	2 X 12	09-J5-150	2 X 12
	26-123-015	2 X 12	09-J6-155	2 X 12
23	26-126-032	2 X 12	10-J5-150	2 X 12
	26-126-045	2 X 12	10-J6-155	2 X 12
24	26-123-032	2 X 12	11-J5-150	2 X 12
	26-123-045	2 X 12	11-J6-155	2 X 12
37	08-J1-103	2 X 17	CONN PANEL	2 X 17
	08-J2-117	2 X 17	CONN PANEL	2 X 17
	08-J3-141	2 X 17	CONN PANEL	2 X 17
	08-J4-145	2 X 17	CONN PANEL	2 X 17
38	09-J1-103	2 X 17	CONN PANEL	2 X 17
	09-J2-117	2 X 17	CONN PANEL	2 X 17
	09-J3-141	2 X 17	CONN PANEL	2 X 17
	09-J4-145	2 X 17	CONN PANEL	2 X 17
39	10-J1-103	2 X 17	CONN PANEL	2 X 17
	10-J2-117	2 X 17	CONN PANEL	2 X 17
	10-J3-141	2 X 17	CONN PANEL	2 X 17
	10-J4-145	2 X 17	CONN PANEL	2 X 17
40	11-J1-103	2 X 17	CONN PANEL	2 X 17
	11-J2-117	2 X 17	CONN PANEL	2 X 17
	11-J3-141	2 X 17	CONN PANEL	2 X 17
	11-J4-145	2 X 17	CONN PANEL	2 X 17

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INTEGRATED SERVICES LINE UNIT		DWG SIZE 88	ISSUE 20
AT&T BELL LABORATORIES	SD-SD091-01	SHEET B4AB	

0 1 2 3 4 5 6 7 8 9



ISLU DRAWER 4 CABLES

- NOTES:
1. J1 - J4 CONNECTORS ON ALL LINE GROUPS CONNECT TO THE CONNECTOR PANEL. - SEE NOTE 305
 2. CONNECTOR PORTION OF LG BACKPLANE IS NUMBERED PER MIRRORING SIDE AND CIRCUIT PACK PORTION OF LG BACKPLANE IS NUMBERED PER CIRCUIT PACK SIDE.
 3. COMMON SHELF BACKPLANE AS VIEWED FROM MIRRORING SIDE.

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INTEGRATED SERVICES LINE UNIT		DWG SIZE E2
		ISSUE 20
AT&T BELL LABORATORIES	SD-5D091-01	B5AA

CABLE DESCRIPTION TABLE

CAD NO.	TO	SIZE	FROM	SIZE
11	26-167-002	2 X 12	12-J7-102	2 X 15
	26-167-015	2 X 12	13-J7-102	2 X 15
	26-145-090	2 X 12	14-J7-102	2 X 15
	26-145-043	2 X 12	15-J7-102	2 X 15
25	26-133-002	2 X 12	12-J5-150	2 X 12
	26-133-015	2 X 12	12-J6-135	2 X 12
26	26-129-002	2 X 12	13-J5-150	2 X 12
	26-129-015	2 X 12	13-J6-135	2 X 12
27	26-133-032	2 X 12	14-J5-150	2 X 12
	26-133-045	2 X 12	14-J6-135	2 X 12
28	26-129-032	2 X 12	15-J5-150	2 X 12
	26-129-045	2 X 12	15-J6-135	2 X 12
41	12-J1-103	2 X 17	CONN PANEL	2 X 17
	12-J2-117	2 X 17	CONN PANEL	2 X 17
	12-J3-141	2 X 17	CONN PANEL	2 X 17
	12-J4-145	2 X 17	CONN PANEL	2 X 17
42	13-J1-103	2 X 17	CONN PANEL	2 X 17
	13-J2-117	2 X 17	CONN PANEL	2 X 17
	13-J3-141	2 X 17	CONN PANEL	2 X 17
	13-J4-145	2 X 17	CONN PANEL	2 X 17
43	14-J1-103	2 X 17	CONN PANEL	2 X 17
	14-J2-117	2 X 17	CONN PANEL	2 X 17
	14-J3-141	2 X 17	CONN PANEL	2 X 17
	14-J4-145	2 X 17	CONN PANEL	2 X 17
44	15-J1-103	2 X 17	CONN PANEL	2 X 17
	15-J2-117	2 X 17	CONN PANEL	2 X 17
	15-J3-141	2 X 17	CONN PANEL	2 X 17
	15-J4-145	2 X 17	CONN PANEL	2 X 17

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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		00	2D
AT&T BELL LABORATORIES	SD-5D091-01	SHEET B5AB	

0 1 2 3 4 5 6 7 8 9

A
B
C
D
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H

A
B
C
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E
F
G
H

APP FIG. 1

<u>DESIG</u>	<u>CODE</u>
INTEGRATED SERVICES LINE UNIT COMMON SHELF SD90089-01	J-50004AG-1, L1, L2
INTEGRATED SERVICES LINE UNIT DRAWER SD90090-01	
LINE GROUPS (00-03)	J90004AH-1, L1

APP FIG. 2,3 & 4

<u>DESIG</u>	<u>CODE</u>
INTEGRATED SERVICES LINE UNIT DRAWER SD90090-01	J90004AH-1, L2, L3, L4
LINE GROUPS (04-15)	

APP FIG. 5-27

<u>DESIG</u>	<u>CODE</u>
SEE SD-90089-01 AND SD-90090-01 FOR LOCATIONS OF CIRCUIT PACKS AND CARDS USED IN UNITS.	J-50004AG-1, L2-L7 J-90004AH-1, L3-L23

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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		68	5B
AT&T	SD-50091-01	SHEET C1	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A A

CIRCUIT NOTES:

101.

DESIG	FUSE AMP	POTENTIAL	ONE PER
	5	-48	ONE PER LINE GROUP 5 PER SERVICE GROUP IN COMMON SHELF (10 TOTAL)
BATTERY SYMBOL		VOLTAGE RANGE	

B B

C C

D D

E E

F F

G G

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H H

INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		08	2D
AT&T BELL LABORATORIES	SD-5D091-01	SHEET DIA	

0 1 2 3 4 5 6 7 8 9

EQUIPMENT NOTES:

201. UNLESS OTHERWISE SPECIFIED, ALL BACKPLANE WIRING WILL BE AUTOMATIC MACHINE WIRING (A-04) 30 GAUGE, WHICH HAS BEEN PROCESSED BY THE WESHAP PROGRAMS.
202. SPECIFIED FOR EACH LINE GROUP BEING EQUIPPED, THE MAXIMUM NUMBER OF LINE GROUPS IS 16 AND SHALL BE EQUIPPED IN NUMERIC SEQUENCE STARTING FROM ZERO.
203. EACH LINE GROUP CAN BE EQUIPPED WITH ANY COMBINATION OF APP FIGS. 6, 7, 8, 9, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, AND 27 UP TO A MAXIMUM COMBINED TOTAL OF 32 CARDS. A LINE GROUP DOES NOT HAVE TO HAVE ALL CARD SLOTS EQUIPPED BEFORE THE NEXT LINE GROUP IS EQUIPPED.
204. LINE GROUP CONTROL CIRCUIT PACKS (KCD3 OR KCD5B) PROVIDED PER APP FIG. 9 WILL ALWAYS HAVE A DEPTH EQL (XXX) OF 110.
205. LINE GROUP POWER CIRCUIT PACKS (KCD2, 553A OR 553B) PROVIDED PER APP FIG. 5 WILL ALWAYS HAVE A DEPTH EQL (XXX) OF 110.
206. FOR UNEQUIPPED DRAWER POSITIONS, IF DRAWER 4 IS UNEQUIPPED, THE FOLLOWING JUMPER IS REQUIRED ON THE COMMON SHELF BACKPLANE:
- | DEST | LEAD DESIG | TERM |
|-------------|------------|-------------|
| 026-132-026 | D4JUMP1 | 026-129-020 |
| 026-133-026 | D4JUMP2 | 026-129-020 |
- IF DRAWER 3 IS UNEQUIPPED, THE FOLLOWING JUMPER IS REQUIRED ON THE COMMON SHELF BACKPLANE:
- | DEST | LEAD DESIG | TERM |
|-------------|------------|-------------|
| 026-126-026 | D3JUMP2 | 026-123-020 |
| 026-129-026 | D3JUMP1 | 026-122-020 |
- IF DRAWER 2 IS UNEQUIPPED, THE FOLLOWING JUMPER IS REQUIRED ON THE COMMON SHELF BACKPLANE:
- | DEST | LEAD DESIG | TERM |
|-------------|------------|-------------|
| 026-096-026 | U2JUMP1 | 026-053-020 |
| 026-097-026 | U2JUMP2 | 026-054-020 |
- THE ABOVE JUMPERS USE 982AE CONNECTORS ON EACH END AND PLUG INTO THE SAME LOCATIONS IN WHICH THE L10B CABLE CONNECTORS WOULD NORMALLY BE INSERTED.
207. THE 982ET APPARATUS PROVIDED IN APP FIGS. 15 & 16 SHALL BE PLUGGED ONTO THE COMMON BACKPLANE.
208. THE FOLLOWING TABLE WILL IDENTIFY WHICH LINE CARD CIRCUIT PACKS CAN BE USED FOR SPARING AND THE MAXIMUM QUANTITY THAT CAN BE SPARED PER ISLU.

APP FIG.	APP CODE	SPARE	NON-SPARE	QTY. SPARED PER ISLU
6	KCB7		X	0
7	KCB6, KCB6B	X		2
8	6A, KCB10	X		1
9	KCB16		X	0
17	KCB1, KCB1B	X		2
18	KCB2	X		2
19	KCB3, KCB3B	X		2
20	KCB4, KCB4B	X		2
21	KCB5, KCB5B	X		2
22	KCB11	X		2
23	KCB12	X		2
24	KCB13	X		2
25	KCB14	X		2
26	KCB15	X		2
27	KCB17	X		2

EQUIPMENT NOTES: (CONT)

209. THE TABLE BELOW PROVIDES A CROSS REFERENCE SHOWING WHICH COMMON SHELF CIRCUIT PACKS ARE REQUIRED WHEN A SPECIFIC LINE CARD CIRCUIT PACK IS ORDERED IN THE DRAWER UNIT.
- COMMON SHELF CIRCUIT PACKS ALWAYS REQUIRED MINIMUM EQUIPAGE UNLESS OTHERWISE STATED BY OFFICE ENGINEERING.

REQUIRED COMMON SHELF CIRCUIT PACKS

LINE CARD CIRCUIT PACKS	APP FIG. 1	APP FIG. 10	APP FIG. 11	APP FIG. 12	APP FIG. 15	APP FIG. 14	
APP FIG. 6	X						KCB7
APP FIG. 7	X	X	X	X			KCB6, KCB6B
APP FIG. 8	X	X		X			6A, KCB10
APP FIG. 17	X			X	X	X	KCB1, KCB1B
APP FIG. 18	X			X	X	X	KCB2
APP FIG. 19	X	X	X	X			KCB3, KCB3B
APP FIG. 20	X	X	X	X			KCB4, KCB4B
APP FIG. 21	X	X		X	X		KCB5, KCB5B
APP FIG. 22	X			X	X	X	KCB11
APP FIG. 23	X			X	X	X	KCB12
APP FIG. 24	X	X		X	X		KCB13
APP FIG. 25	X	X		X	X		KCB14
APP FIG. 26	X	X		X			KCB15
APP FIG. 27	X	X		X			KCB17
	TN1546 UN306 UN307	TN844B	TN1547	TN1548	TN1384	TN1401B	

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INTEGRATED SERVICES LINE UNIT		OWS SIZE	ISSUE
		08	SB
AT&T	SD-50091-01	SHEET D2A	

INFORMATION NOTES:

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

302.

FEATURE OR OPTION	PROVIDE		
	APP FIG.	APP OR WRG	QUANTITY
UNIT BACKPLANES & WIRING FOR COMMON SHELF UNIT AND ISLU DRAWER TO EQUIPMENT LINE GROUPS 0,1,2 AND 3.			ONE PER CIRCUIT
FAN ALARM CABLING REQUIRED FOR 2 ISLUS PER CABINET. (SEE NOTE 314)	1	V	ONE PER CIRCUIT
NC50101A1		U	
COMMON CONTROL PROCESSOR (TNT346) NC5X264A1 FOR THE PEOPLES REPUBLIC OF CHINA		T	
COMMON CONTROL INTERFACE (UN306)			ONE AS REQUIRED
COMMON CONTROL DATA (UN307)			
TO EQUIP LINE GROUPS	4,5,6 & 7	2	
	8,9,10 & 11	3	
	12,13,14 & 15	4	
TO PROVIDE ONE LINE GROUP POWER CIRCUIT PACK			ONE PER CIRCUIT
SEE NOTES			
505, 506, 508, 509	553A	Y	
508, 509	KCD2	Z	
505, 507, 508, 512	553B	A	
TO PROVIDE ONE LINE GROUP CONTROL CIRCUIT PACK (SEE NOTES 202, 203, 204)			ONE PER CIRCUIT
KCD3B		S	
	KCD3	7A	
TO PROVIDE ONE LINE U-INTERFACE CIRCUIT PACK (SEE NOTE 203)	6		ONE PER CIRCUIT
KCB7			
TO PROVIDE ONE DOMESTIC ANALOG CIRCUIT PACK (SEE NOTE 203)	7		ONE PER CIRCUIT
KCB4B		Q	
	KCB6	R	
TO PROVIDE ONE U-INTERFACE CIRCUIT PACK	8		ONE PER CIRCUIT
KCB10 (SEE NOTE 310-313)		M	
	6A	X	
IN ADDITION TO APP FIG. 7, 8, 17, 18, 19, 20, 21, 22, 23, 24 OR 25			ONE PER CIRCUIT
TO PROVIDE ONE AUXILIARY POWER CIRCUIT PACK (SEE NOTES 203, 307-309)			
	KCB16		
IN ADDITION TO APP FIG. 7, 8, 19, 20, 21, 24 OR 25			ONE PER CIRCUIT
TO PROVIDE HIGH LEVEL SERVICE CIRCUIT			
	HLSC		
IN ADDITION TO APP FIG. 7, 19 OR 20			ONE PER CIRCUIT
TO PROVIDE RINGING GENERATOR CIRCUIT PACKS AT 20 HZ			
IN ADDITION TO APP FIG. 7, 8, 17, 18, 19, 20, 21, 22, 23, 24 OR 25			ONE PER CIRCUIT
TO PROVIDE METALLIC ACCESS NETWORK			
	MAN		
IN ADDITION TO APP FIG. 17, 18, 21, 22, 23, 24 OR 25			ONE PER CIRCUIT
TO PROVIDE RINGING GENERATOR CIRCUIT PACKS AT 25 HZ			

INFORMATION NOTES (CONT):

302. (CONT)

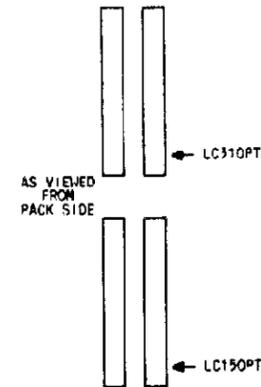
FEATURE OR OPTION	PROVIDE			
	APP FIG.	APP OR WRG	QUANTITY	
IN ADDITION TO APP FIG. 17, 18, 22 OR 23			ONE PER CIRCUIT	
TO PROVIDE HIGH LEVEL SERVICE CIRCUIT WITH EARTH BACK RINGING	14			
		HLSC		
IN ADDITION TO APP FIG. 1			ONE PER CIRCUIT	
WHEN THIS UNIT IS USED AS A REMOTE INTEGRATED SERVICE LINE UNIT (RISLU) (SEE NOTE 207)	15			
			ONE PER CIRCUIT	
WHEN THIS UNIT IS USED IN AN INTERNATIONAL OFFICE (SEE NOTE 207)	16			
IN ADDITION TO APP FIG. 1, 2, 3 OR 4			ONE PER CIRCUIT	
TO PROVIDE ONE ANALOG CIRCUIT PACK FOR INTERNATIONAL OFFICES WITH SIMILAR REQUIREMENT (SEE NOTE 203)				
NETHERLAND	KCB1B	17		M
	KCB1			N
UNITED KINGDOM	KCB2	18		
TAIWAN	KCB3B	19		J
	KCB3			K
KOREA	KCB4B	20		F
	KCB4			G
CHINA	KCB5B	21		B
	KCB5			E
SAUDI ARABIA	KCB11	22		
PERIODIC PULSE MONITORING SAUDI ARABIA	KCB12	23		
SINGAPORE	KCB13	24		
PERIODIC PULSE MONITORING SINGAPORE	KCB14	25		
SPAIN	KCB15	26		
TO PROVIDE ONE LINE ANSI STD U-DSL CIRCUIT PACK	KCB17	27		

INFORMATION NOTES (CONT):

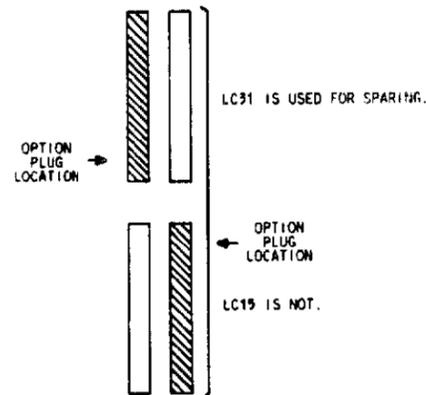
303.

CHANGES ON ISSUE	IF JOB RECORDS DO NOT SPECIFY	THIS OPTION HAS FURN	SEE NOTE	USE IN CIRCUIT	
				AVAIL	DA
3B	Y OR Z	Z	305 THRU 309	Y	
3B	W OR X	X	310 THRU 313	W	
3B	V		314	V	
4A	T OR V	U			
5B	A, Y OR Z	Z	305, 308, 315	A	
5B	S OR ZA	ZA	317	S	
5B	Q OR R	R		Q	
5B	J OR K	K		J	
5B	F OR G	G		F	
5B	B OR E	E		B	
5B	N OR N	N		N	

304. OPTION PLUGS ON SMALL BACKPLANE (BOTH LEFT AND RIGHT). OPTION PLUGS ARE 2 X 5 KEYED 96SP CONNECTORS JUMPED APPROPRIATELY.



FOR SPARING PUT OPTION PLUG ON LEFT PINFIELD. FOR NO SPARING PUT OPTION PLUG ON RIGHT PINFIELD. EXAMPLE:



INFORMATION NOTES (CONT):

- 305. LINE GROUP POWER SUPPLY 553A OR 553B PROVIDE PER APP FIG. 5 OPTION Y WILL ALWAYS HAVE A DEPTH EOL (XXX) OF 118.
- 306. THE 553A CAN ONLY BE USED IN OFFICES OF A 5E4(2) OR 5E22 GENERIC OR BEYOND AND LESS 5E6 OR 5E4.2.
- 307. THE AUXILIARY POWER POWER PACK KCB16 IS NOT REQUIRED IN LINE GROUPS WHERE A 553A OR 553B LINE GROUP POWER SUPPLY IS EQUIPPED.
- 308. THE LINE GROUP POWER PACK (KCD2) AND THE AUXILIARY POWER PACK (KCB16) CAN BE EQUIPPED WITHIN THE SAME UNIT AS THE LINE GROUP POWER SUPPLY (553A OR 553B) BUT NOT WITHIN THE SAME LINE GROUP.
- 309. THE LINE GROUP POWER PACK (KCD2) AND THE AUXILIARY POWER PACK (KCB16) CAN BE USED IN ANY GENERIC OFFICE.
- 310. THE KCB10 CAN ONLY BE USED IN OFFICES OF A 5E4(2) OR 5E33 GENERIC OR BEYOND.
- 311. THE KCB10 TAKES UP ONLY ONE LINE CARD CIRCUIT PACK SLOT.
- 312. THE 6A U-INTERFACE CAN BE USED IN ANY GENERIC OFFICE IN WHICH THERE IS A ISLU.
- 313. THE KCB10 AND THE 6A U-INTERFACE CIRCUIT PACKS CAN BE USED WITHIN THE SAME LINE GROUP.
- 314. WHEN 2 ISLUS ARE MOUNTED IN A CABINET, EITHER THE 2 X 3 CONNECTOR AT EOL 099-051 (6-FAN FAN UNIT CONNECTOR) WILL BE USED FOR LIGHTING THE BAZEL LED'S OR THE 2 X 3 CONNECTOR AT EOL 099-032 (3-FAN FAN UNIT CONNECTOR) WILL BE USED FOR LIGHTING THE BAZEL LED'S.
- 315. THE LINE GROUP POWER CIRCUIT PACK (553B) CAN BE USED IN ANY GENERIC OFFICE. IT IS REQUIRED IN ALL 5E6 OR 5E4.2 GENERIC APPLICATIONS OR GREATER (BOTH NEW AND RETROFIT).
- 316. THE ANSI-STD U-DIGITAL SUBSCRIBER INTERFACE PACK (KCB17) CAN ONLY BE USED IN OFFICES OF A 5E6 OR 5E4.2 GENERIC OR GREATER.
- 317. THE LINE GROUP CONTROL CIRCUIT PACK (KCB15) CAN BE USED IN ANY GENERIC OFFICE. IT IS ONLY REQUIRED IN NEW OFFICES OF A 5E6 OR 5E4.2 GENERIC OR GREATER (NOT REQUIRED FOR RETROFITS).

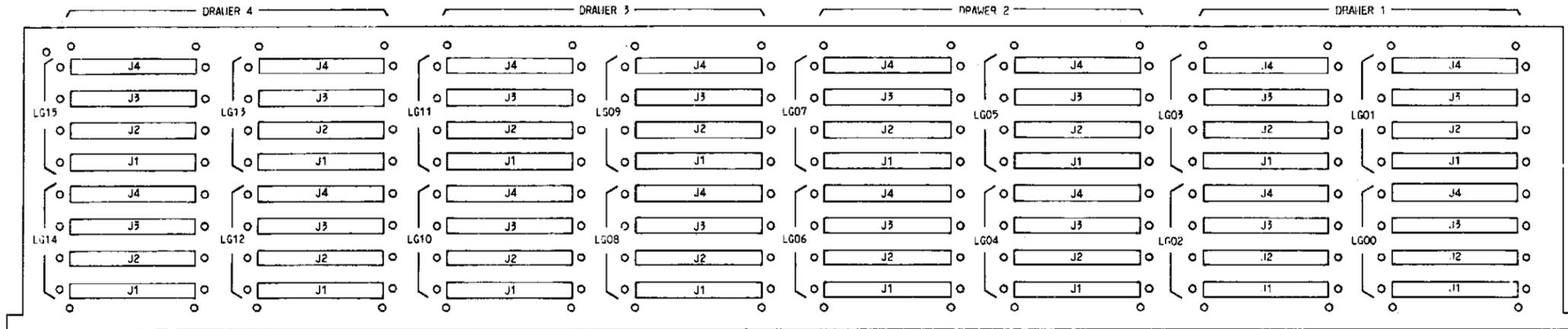
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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		M	58
AT&T	SD-50091-01	SHEET D3A	

0 1 2 3 4 5 6 7 8 9

A
B
C
D
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INFORMATION NOTES:
305. CONNECTOR PANEL AS VIEWED FROM WIRING SIDE.



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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		88	2D
AT&T BELL LABORATORIES	SD-5D091-01	SHEET D3B	

0 1 2 3 4 5 6 7 8 9

0 1 2 3 4 5 6 7 8 9

A
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A
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F
G
H

CAD INDEX

CAN NO.	CAD TITLE
01	PERIPHERAL INTERFACE DATA BUS, COMMON DATA 00
02	PERIPHERAL INTERFACE DATA BUS, COMMON DATA 10
03	PERIPHERAL INTERFACE DATA BUS, COMMON DATA 01
04	PERIPHERAL INTERFACE DATA BUS, COMMON DATA 11
05	PERIPHERAL INTERFACE CONTROL BUS, SERVICE GROUP 0
06	PERIPHERAL INTERFACE CONTROL BUS, SERVICE GROUP 1
07	-48 AND -48RTN
08	-48 AND -48RTN LG 0-3
09	-48 AND -48RTN LG 4-7
10	-48 AND -48RTN LG 8-11
11	-48 AND -48RTN LG 12-15
12	METALIC TEST BUS, SERVICE GROUP 0 & 1
13	LINE INTERFACE DATA BUS LG00
14	LINE INTERFACE DATA BUS LG01
15	LINE INTERFACE DATA BUS LG02
16	LINE INTERFACE DATA BUS LG03
17	LINE INTERFACE DATA BUS LG04
18	LINE INTERFACE DATA BUS LG05
19	LINE INTERFACE DATA BUS LG06
20	LINE INTERFACE DATA BUS LG07
21	LINE INTERFACE DATA BUS LG08
22	LINE INTERFACE DATA BUS LG09
23	LINE INTERFACE DATA BUS LG10
24	LINE INTERFACE DATA BUS LG11
25	LINE INTERFACE DATA BUS LG12
26	LINE INTERFACE DATA BUS LG13
27	LINE INTERFACE DATA BUS LG14
28	LINE INTERFACE DATA BUS LG15
29	TIP/RING LG00
30	TIP/RING LG01
31	TIP/RING LG02
32	TIP/RING LG03
33	TIP/RING LG04
34	TIP/RING LG05
35	TIP/RING LG06
36	TIP/RING LG07
37	TIP/RING LG08
38	TIP/RING LG09
39	TIP/RING LG10
40	TIP/RING LG11
41	TIP/RING LG12
42	TIP/RING LG13
43	TIP/RING LG14
44	TIP/RING LG15
45	FAN INPUT
46	FAN OUTPUT
47	ISLU FAN ALARM
48	ISLU FAN ALARM (2 ISLU PER CABINET, 6-FAN CONN)
49	ISLU FAN ALARM (POWER)
50	ISLU FAN ALARM (2 ISLU PER CABINET, 3-FAN CONN)

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INTEGRATED SERVICES LINE UNIT		DWG SIZE	ISSUE
		85	3B
AT&T BELL LABORATORIES SD-5D091-01		SHEET GB1A	

0 1 2 3 4 5 6 7 8 9

CAD 04
(CONT'D)

CAD 05
PERIPHERAL INTERFACE CONTROL BUS, SERVICE GROUP 0

CAD 07
-48 AND -48RTN

TO CONNECTION				FROM CONNECTION				TO CONNECTION				FROM CONNECTION				TO CONNECTION				FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE
.....J8				04-174	JACK/UNIT					.....J1				04-080	JACK/UNIT					.....J1				01-013	LUG				
TO SM APP	11PDD00P			045	11PDD00P					TO MCTU	NC			045	NC					TO FUSE/FILTER	-48RTNR0				080	-48RTNR0			
SCHEMATIC	11PDD10P			046	11PDD10P						01NTON			046	01NTON					PANEL									
	11PDSY0P			047	11PDSY0P						OSELON			047	OSELON														
	11PDK0P			048	11PDK0P						OCLKON			048	OCLKON														
.....J9				04-177	JACK/UNIT					.....J2				04-080	JACK/UNIT					.....J2				01-014	LUG				
TO SM APP	11PED01N			049	11PED01N					TO MCTU	NC			050	OREPLYON					TO FUSE/FILTER	-48RG0				380	-48RG0			
SCHEMATIC	11PED11N			050	11PED11N						01NT1N			051	NC					PANEL									
	11PESY1N			051	11PESY1N						OSEL1N			052	01NT1N														
	11PECK1N			052	11PECK1N						OCLK1N			053	OSEL1N														
.....J9				04-176	JACK/UNIT					.....J3				04-080	JACK/UNIT					.....J3				01-021	LUG				
TO SM APP	11PED01P			049	11PED01P					TO MCTU	NC			145	NC					TO FUSE/FILTER	-48RTNS0				080	-48RTNS0			
SCHEMATIC	11PED11P			050	11PED11P						01NTOP			146	01NTOP					PANEL									
	11PESY1P			051	11PESY1P						OSEL0P			147	OSEL0P														
	11PECK1P			052	11PECK1P						OCLK0P			148	OCLK0P														
.....J10				04-175	JACK/UNIT					.....J4				04-080	JACK/UNIT					.....J4				01-022	LUG				
TO SM APP	11PED00N			049	11PED00N					TO MCTU	NC			151	NC					TO FUSE/FILTER	-48HLSCO				380	-48HLSCO			
SCHEMATIC	11PED10N			050	11PED10N						01INT1P			152	01INT1P					PANEL									
	11PESY0N			051	11PESY0N						OSEL1P			153	OSEL1P														
	11PECK0N			052	11PECK0N						OCLK1P			154	OCLK1P														
.....J10				04-174	JACK/UNIT					.....J5				04-080	JACK/UNIT					.....J5				01-030	LUG				
TO SM APP	11PED00P			049	11PED00P					TO MCTU	NC			155	0MSG1P					TO FUSE/FILTER	-48RTN00				180	-48RTN00			
SCHEMATIC	11PED10P			050	11PED10P						01INT1P			156	0REPLY1P					PANEL									
	11PESY0P			051	11PESY0P						0REPLY0P																		
	11PECK0P			052	11PECK0P						0REPLY1P																		
.....J11				04-177	JACK/UNIT					.....J6				04-080	JACK/UNIT					.....J6				01-035	LUG				
TO SM APP	11PFD01N			053	11PFD01N					TO MCTU	NC			045	NC					TO FUSE/FILTER	-48LC00				080	-48LC00			
SCHEMATIC	11PFD11N			054	11PFD11N						11NTON			046	11NTON					PANEL									
	11PFSY1N			055	11PFSY1N						1SELON			047	1SELON														
	11PFCK1N			056	11PFCK1N						1CLKON			048	1CLKON														
.....J11				04-176	JACK/UNIT					.....J7				04-100	JACK/UNIT					.....J7				01-036	LUG				
TO SM APP	11PFD01P			053	11PFD01P					TO MCTU	NC			050	1REPLY0N					TO FUSE/FILTER	-48RTNCO				380	-48RTNCO			
SCHEMATIC	11PFD11P			054	11PFD11P						11NT1N			051	NC					PANEL									
	11PFSY1P			055	11PFSY1P						1SEL1N			052	11NT1N														
	11PFCK1P			056	11PFCK1P						1CLK1N			053	1SEL1N														
.....J12				04-175	JACK/UNIT					.....J8				04-080	JACK/UNIT					.....J8				01-042	LUG				
TO SM APP	11PFD00N			053	11PFD00N					TO MCTU	NC			145	NC					TO FUSE/FILTER	-48CONVO				180	-48CONVO			
SCHEMATIC	11PFD10N			054	11PFD10N						11NTOP			146	11NTOP					PANEL									
	11PFSY0N			055	11PFSY0N						1SEL0P			147	1SEL0P														
	11PFCK0N			056	11PFCK0N						1CLK0P			148	1CLK0P														
.....J12				04-174	JACK/UNIT					.....J9				04-080	JACK/UNIT					.....J9				01-058	LUG				
TO SM APP	11PFD00P			053	11PFD00P					TO MCTU	NC			151	NC					TO FUSE/FILTER	-48RTN06				380	-48RTN06			
SCHEMATIC	11PFD10P			054	11PFD10P						11NT1P			152	11NT1P					PANEL									
	11PFSY0P			055	11PFSY0P						1SEL1P			153	1SEL1P														
	11PFCK0P			056	11PFCK0P						1CLK1P			154	1CLK1P														
.....J12				04-174	JACK/UNIT					.....J10				04-080	JACK/UNIT					.....J10				01-064	LUG				
TO SM APP	11PFD00P			053	11PFD00P					TO MCTU	NC			155	1MSG1P					TO FUSE/FILTER	-48LC06				180	-48LC06			
SCHEMATIC	11PFD10P			054	11PFD10P						11NT1P			156	1REPLY1P					PANEL					580	-48RTN00			
	11PFSY0P			055	11PFSY0P						1SEL1P																		
	11PFCK0P			056	11PFCK0P						1CLK1P																		

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 DWG SIZE: Z
 ISSUE: 2D
 AT&T BELL LABORATORIES SD-5D091-01 GB5

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TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION																	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J11				01-072	LUG	.....				.....J23				01-154	LUG	.....				.....J35				07-064	LUG	.....		
TO FUSE/FILTER PANEL	-48CD0			380	-48CD0					TO FUSE/FILTER PANEL	-48HLSC1			380	-48HLSC1					TO FUSE/FILTER PANEL	-48LC07			257	-48LC07				
.....J12				01-079	LUG	.....				.....J24				01-162	LUG	.....				.....J36				07-072	LUG	.....		
TO FUSE/FILTER PANEL	-48RTN04			080	-48RTN04					TO FUSE/FILTER PANEL	-48RTN12			180	-48RTN12					TO FUSE/FILTER PANEL	-48RTN05			357	-48RTN05				
.....J13				01-080	LUG	.....				.....J25				01-167	LUG	.....				.....J37				07-079	LUG	.....		
TO FUSE/FILTER PANEL	-48LC04			380	-48LC04					TO FUSE/FILTER PANEL	-48LC12			080	-48LC12					TO FUSE/FILTER PANEL	-48LC05			057	-48LC05				
.....J14				01-100	LUG	.....				.....J26				01-170	LUG	.....				.....J38				07-080	LUG	.....		
TO FUSE/FILTER PANEL	-48RTN10 -48LC10			180 580	-48RTN10 -48LC10					TO FUSE/FILTER PANEL	-48RTNR1			180	-48RTNR1					TO FUSE/FILTER PANEL	-48RTN10			357	-48RTN10				
.....J15				01-108	LUG	.....				.....J27				01-175	LUG	.....				.....J39				07-087	LUG	.....		
TO FUSE/FILTER PANEL	-48RTND1 -48CD1			180 580	-48RTND1 -48CD1					TO FUSE/FILTER PANEL	-48RG1			080	-48RG1					TO FUSE/FILTER PANEL	-48CC10			057	-48CC10				
.....J16				01-116	LUG	.....				.....J28				07-014	LUG	.....				.....J40				07-100	LUG	.....		
TO FUSE/FILTER PANEL	-48RTN08			380	-48RTN08					TO FUSE/FILTER PANEL	-48RTN02			157	-48RTN02					TO FUSE/FILTER PANEL	-48RTN11			457	-48RTN11				
.....J17				01-123	LUG	.....				.....J29				07-019	LUG	.....				.....J41				07-108	LUG	.....		
TO FUSE/FILTER PANEL	-48LC08			080	-48LC08					TO FUSE/FILTER PANEL	-48LC02			057	-48LC02					TO FUSE/FILTER PANEL	-48LC11 -48RTN09			157 557	-48LC11 -48RTN09				
.....J18				01-127	LUG	.....				.....J30				07-022	LUG	.....				.....J42				07-116	LUG	.....		
TO FUSE/FILTER PANEL	-48RTNC1			080	-48RTNC1					TO FUSE/FILTER PANEL	-48RTN03			257	-48RTN03					TO FUSE/FILTER PANEL	-48LC09			357	-48LC09				
.....J19				01-131	LUG	.....				.....J31				07-030	LUG	.....				.....J43				07-145	LUG	.....		
TO FUSE/FILTER PANEL	-48CONV1			080	-48CONV1					TO FUSE/FILTER PANEL	-48LC03			157	-48LC03					TO FUSE/FILTER PANEL	-48RTN15			057	-48RTN15				
.....J20				01-145	LUG	.....				.....J32				07-036	LUG	.....				.....J44				07-146	LUG	.....		
TO FUSE/FILTER PANEL	-48RTN14			080	-48RTN14					TO FUSE/FILTER PANEL	-48RTN01			357	-48RTN01					TO FUSE/FILTER PANEL	-48LC15			357	-48LC15				
.....J21				01-146	LUG	.....				.....J33				07-042	LUG	.....				.....J45						.....		
TO FUSE/FILTER PANEL	-48LC14			380	-48LC14					TO FUSE/FILTER PANEL	-48LC01			157	-48LC01					.....J46						.....		
.....J22				01-153	LUG	.....				.....J34				07-058	LUG	.....				.....J47						.....		
TO FUSE/FILTER PANEL	-48RTNS1			080	-48RTNS1					TO FUSE/FILTER PANEL	-48RTN07			257	-48RTN07				J48								

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CAD 08
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CAD 09
-48 AND -48RTN LG 4-7

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION							
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J45				07-153	LUG														
TO FUSE/FILTER PANEL	-48RTN11			057	-48RTN11														
.....J46				07-154	LUG														
TO FUSE/FILTER PANEL	-48CC11			357	-48CC11														
.....J47				07-162	LUG														
TO FUSE/FILTER PANEL	-48RTN13			357	-48RTN13														
.....J48				07-169	LUG														
TO FUSE/FILTER PANEL	-48LC13			057	-48LC13														
CAD 08 -48 AND -48RTN LG 0-3																			
.....J1				04-020	JACK/UNIT	(SEE NOTE 304)													
02-J7-002	-48LC02			030	-48LC02														
02-J7-003	-48LC02			031	-48LC02														
02-J7-004	-48LC02			032	-48LC02														
02-J7-005	-48LC02			033	-48LC02														
02-J7-006	-48LC02			034	-48LC02														
02-J7-007	-48LC02			035	-48LC02														
02-J7-008	-48LC02			036	-48LC02														
02-J7-009	-48LC02			037	-48LC02														
02-J7-010	-48LC02			038	-48LC02														
02-J7-011	-48LC02			039	-48LC02														
02-J7-012	-48LC02			040	-48LC02														
02-J7-013	-48LC02			041	-48LC02														
02-J7-014	-48LC02			XXX	-48LC02														
02-J7-015	-48LC02			XXX	-48LC02														
02-J7-016	-48LC02			XXX	-48LC02														
.....J1				04-021	JACK/UNIT	(SEE NOTE 304)													
02-J7-102	-48RTN02			030	-48RTN02														
02-J7-103	-48RTN02			031	-48RTN02														
02-J7-104	-48RTN02			032	-48RTN02														
02-J7-105	-48RTN02			033	-48RTN02														
02-J7-106	-48RTN02			034	-48RTN02														
02-J7-107	-48RTN02			035	-48RTN02														
02-J7-108	-48RTN02			036	-48RTN02														
02-J7-109	-48RTN02			037	-48RTN02														
02-J7-110	-48RTN02			038	-48RTN02														
02-J7-111	-48RTN02			039	-48RTN02														
02-J7-112	-48RTN02			040	-48RTN02														
02-J7-113	-48RTN02			041	-48RTN02														
02-J7-114	-48RTN02			XXX	-48RTN02														
02-J7-115	-48RTN02			XXX	-48RTN02														
02-J7-116	-48RTN02			XXX	-48RTN02														
.....J2				04-034	JACK/UNIT	(SEE NOTE 304)													
00-J7-002	-48LC00			002	-48LC00														
00-J7-003	-48LC00			003	-48LC00														
00-J7-004	-48LC00			004	-48LC00														
00-J7-005	-48LC00			005	-48LC00														
00-J7-006	-48LC00			006	-48LC00														
00-J7-007	-48LC00			007	-48LC00														
CAD 08 -48 AND -48RTN LG 0-3																			
.....J3				04-020	JACK/UNIT	(SEE NOTE 304)													
03-J7-002	-48LC03			043	-48LC03														
03-J7-003	-48LC03			044	-48LC03														
03-J7-004	-48LC03			045	-48LC03														
03-J7-005	-48LC03			046	-48LC03														
03-J7-006	-48LC03			047	-48LC03														
03-J7-007	-48LC03			048	-48LC03														
03-J7-008	-48LC03			049	-48LC03														
03-J7-009	-48LC03			050	-48LC03														
03-J7-010	-48LC03			051	-48LC03														
03-J7-011	-48LC03			052	-48LC03														
03-J7-012	-48LC03			053	-48LC03														
03-J7-013	-48LC03			054	-48LC03														
03-J7-014	-48LC03			XXX	-48LC03														
03-J7-015	-48LC03			XXX	-48LC03														
03-J7-016	-48LC03			XXX	-48LC03														
.....J3				04-021	JACK/UNIT	(SEE NOTE 304)													
03-J7-102	-48RTN03			043	-48RTN03														
03-J7-103	-48RTN03			044	-48RTN03														
03-J7-104	-48RTN03			045	-48RTN03														
03-J7-105	-48RTN03			046	-48RTN03														
03-J7-106	-48RTN03			047	-48RTN03														
03-J7-108	-48RTN03			049	-48RTN03														
03-J7-109	-48RTN03			050	-48RTN03														
03-J7-110	-48RTN03			051	-48RTN03														
03-J7-111	-48RTN03			052	-48RTN03														
03-J7-112	-48RTN03			053	-48RTN03														
03-J7-113	-48RTN03			054	-48RTN03														
03-J7-114	-48RTN03			XXX	-48RTN03														
03-J7-115	-48RTN03			XXX	-48RTN03														
03-J7-116	-48RTN03			XXX	-48RTN03														
.....J4				04-034	JACK/UNIT	(SEE NOTE 304)													
01-J7-002	-48LC01			015	-48LC01														
01-J7-003	-48LC01			016	-48LC01														
01-J7-004	-48LC01			017	-48LC01														
01-J7-005	-48LC01			018	-48LC01														
01-J7-006	-48LC01			019	-48LC01														
01-J7-007	-48LC01			020	-48LC01														
01-J7-008	-48LC01			021	-48LC01														
01-J7-009	-48LC01			022	-48LC01														
01-J7-010	-48LC01			023	-48LC01														
01-J7-011	-48LC01			024	-48LC01														
01-J7-012	-48LC01			025	-48LC01														
01-J7-013	-48LC01			026	-48LC01														
01-J7-014	-48LC01			XXX	-48LC01														
01-J7-015	-48LC01			XXX	-48LC01														
01-J7-016	-48LC01			XXX	-48LC01														
CAD 09 -48 AND -48RTN LG 4-7																			
.....J1				04-062	JACK/UNIT	(SEE NOTE 304)													
06-J7-002	-48LC06			030	-48LC06														
06-J7-003	-48LC06			031	-48LC06														
06-J7-004	-48LC06			032	-48LC06														
06-J7-005	-48LC06			033	-48LC06														
06-J7-006	-48LC06			034	-48LC06														
06-J7-007	-48LC06			035	-48LC06														
06-J7-008	-48LC06			036	-48LC06														
06-J7-009	-48LC06			037	-48LC06														
06-J7-010	-48LC06			038	-48LC06														
06-J7-011	-48LC06			039	-48LC06														
06-J7-012	-48LC06			040	-48LC06														
06-J7-013	-48LC06			041	-48LC06														
06-J7-014	-48LC06			XXX	-48LC06														
06-J7-015	-48LC06			XXX	-48LC06														
06-J7-016	-48LC06			XXX	-48LC06														
.....J1				04-063	JACK/UNIT	(SEE NOTE 304)													
06-J7-102	-48RTN06			030	-48RTN06														
06-J7-103	-48RTN06			031	-48RTN06														
06-J7-104	-48RTN06			032	-48RTN06														
06-J7-105	-48RTN06			033	-48RTN06														
06-J7-106	-48RTN06			034	-48RTN06														
06-J7-107	-48RTN06			035	-48RTN06														
06-J7-108	-48RTN06			036	-48RTN06														
06-J7-109	-48RTN06			037	-48RTN06														
06-J7-110	-48RTN06			038	-48RTN06														
06-J7-111	-48RTN06			039	-48RTN06														
06-J7-112	-48RTN06			040	-48RTN06														
06-J7-113	-48RTN06			041	-48RTN06														
06-J7-114	-48RTN06			XXX	-48RTN06														
06-J7-115	-48RTN06			XXX	-48RTN06														
06-J7-116	-48RTN06			XXX	-48RTN06														

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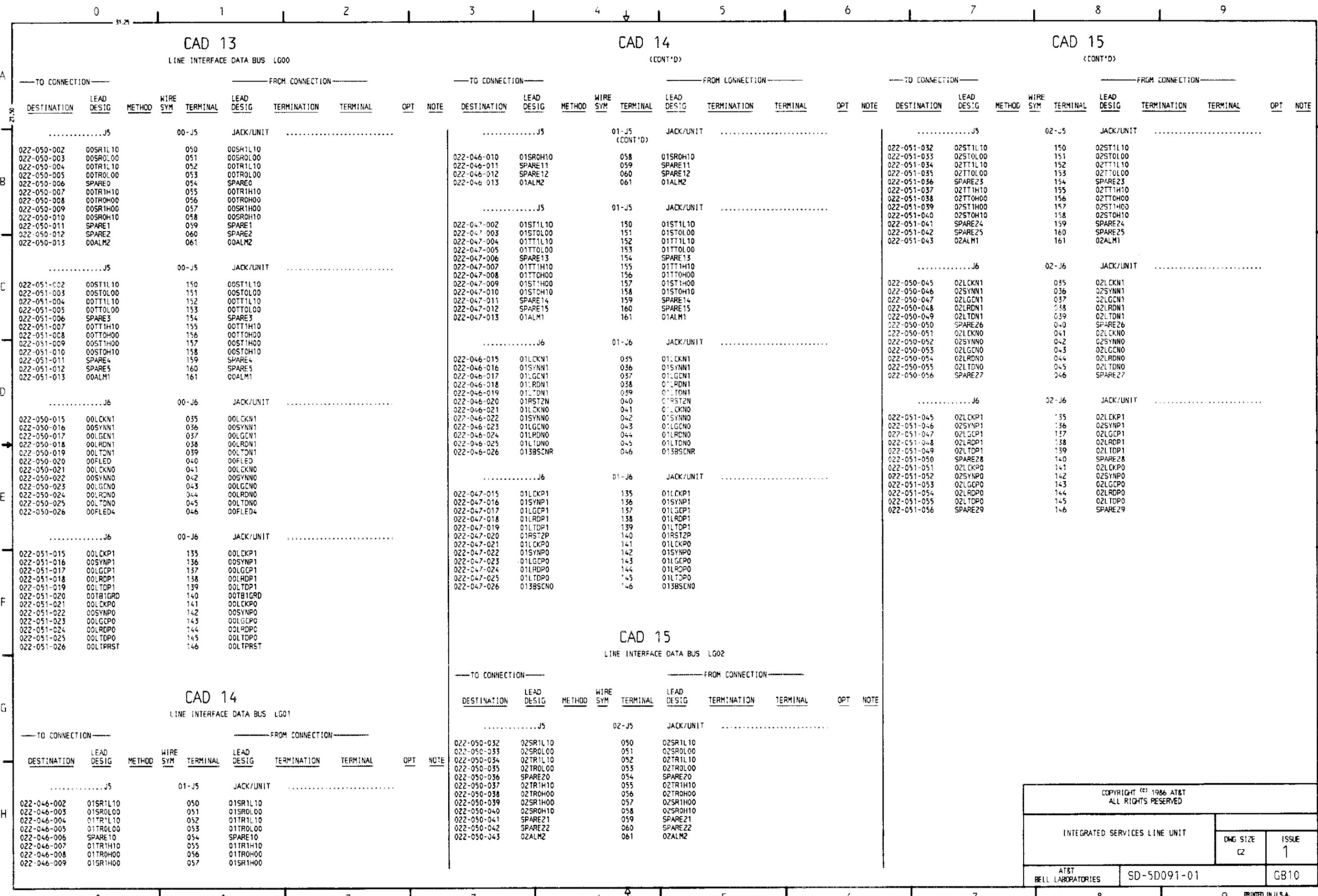
INTEGRATED SERVICES LINE UNIT		DWG SIZE A	ISSUE 20
AT&T BELL LABORATORIES	SD-5D091-01	GB7	

CAD 10
(CONT'D)

CAD 11
(CONT'D)

CAD 11
(CONT'D)

TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION		TO CONNECTION		FROM CONNECTION																		
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE			
.....J4		04-114		JACK/UNIT (SEE NOTE 304).....		.....JZ		04-166		JACK/UNIT (SEE NOTE 304).....		.....J4		04-166		JACK/UNIT (SEE NOTE 304).....				.....J4		04-167		JACK/UNIT (SEE NOTE 304).....								
09-J7-002	-48LC09			015	-48LC09					12-J7-002	-48LC12			002	-48LC12					13-J7-011	-48LC13			024	-48LC13							
09-J7-003	-48LC09			016	-48LC09					12-J7-003	-48LC12			003	-48LC12					13-J7-012	-48LC13			025	-48LC13							
09-J7-004	-48LC09			017	-48LC09					12-J7-004	-48LC12			004	-48LC12					13-J7-013	-48LC13			026	-48LC13							
09-J7-005	-48LC09			018	-48LC09					12-J7-005	-48LC12			005	-48LC12					13-J7-014	-48LC13			XXX	-48LC13							
09-J7-006	-48LC09			019	-48LC09					12-J7-006	-48LC12			006	-48LC12					13-J7-015	-48LC13			XXX	-48LC13							
09-J7-007	-48LC09			020	-48LC09					12-J7-007	-48LC12			007	-48LC12					13-J7-016	-48LC13			XXX	-48LC13							
09-J7-008	-48LC09			021	-48LC09					12-J7-008	-48LC12			008	-48LC12																	
09-J7-009	-48LC09			022	-48LC09					12-J7-009	-48LC12			009	-48LC12																	
09-J7-010	-48LC09			023	-48LC09					12-J7-010	-48LC12			010	-48LC12																	
09-J7-011	-48LC09			024	-48LC09					12-J7-011	-48LC12			011	-48LC12																	
09-J7-012	-48LC09			025	-48LC09					12-J7-012	-48LC12			012	-48LC12																	
09-J7-013	-48LC09			026	-48LC09					12-J7-013	-48LC12			013	-48LC12																	
09-J7-014	-48LC09			XXX	-48LC09					12-J7-014	-48LC12			XXX	-48LC12																	
09-J7-015	-48LC09			XXX	-48LC09					12-J7-015	-48LC12			XXX	-48LC12																	
09-J7-016	-48LC09			XXX	-48LC09					12-J7-016	-48LC12			XXX	-48LC12																	
.....J4		04-115		JACK/UNIT (SEE NOTE 304).....		.....JZ		04-167		JACK/UNIT (SEE NOTE 304).....																						
09-J7-102	-48RTN09			015	-48RTN09					12-J7-102	-48RTN12			002	-48RTN12																	
09-J7-103	-48RTN09			016	-48RTN09					12-J7-103	-48RTN12			003	-48RTN12																	
09-J7-104	-48RTN09			017	-48RTN09					12-J7-104	-48RTN12			004	-48RTN12																	
09-J7-105	-48RTN09			018	-48RTN09					12-J7-105	-48RTN12			005	-48RTN12																	
09-J7-106	-48RTN09			019	-48RTN09					12-J7-106	-48RTN12			006	-48RTN12																	
09-J7-107	-48RTN09			020	-48RTN09					12-J7-107	-48RTN12			007	-48RTN12																	
09-J7-108	-48RTN09			021	-48RTN09					12-J7-108	-48RTN12			008	-48RTN12																	
09-J7-109	-48RTN09			022	-48RTN09					12-J7-109	-48RTN12			009	-48RTN12																	
09-J7-110	-48RTN09			023	-48RTN09					12-J7-110	-48RTN12			010	-48RTN12																	
09-J7-111	-48RTN09			024	-48RTN09					12-J7-111	-48RTN12			011	-48RTN12																	
09-J7-112	-48RTN09			025	-48RTN09					12-J7-112	-48RTN12			012	-48RTN12																	
09-J7-113	-48RTN09			026	-48RTN09					12-J7-113	-48RTN12			013	-48RTN12																	
09-J7-114	-48RTN09			XXX	-48RTN09					12-J7-114	-48RTN12			XXX	-48RTN12																	
09-J7-115	-48RTN09			XXX	-48RTN09					12-J7-115	-48RTN12			XXX	-48RTN12																	
09-J7-116	-48RTN09			XXX	-48RTN09					12-J7-116	-48RTN12			XXX	-48RTN12																	
.....J1		04-144		JACK/UNIT (SEE NOTE 304).....		.....J3		04-144		JACK/UNIT (SEE NOTE 304).....																						
14-J7-002	-48LC14			030	-48LC14					15-J7-002	-48LC15			043	-48LC15																	
14-J7-003	-48LC14			031	-48LC14					15-J7-003	-48LC15			044	-48LC15																	
14-J7-004	-48LC14			032	-48LC14					15-J7-004	-48LC15			045	-48LC15																	
14-J7-005	-48LC14			033	-48LC14					15-J7-005	-48LC15			046	-48LC15																	
14-J7-006	-48LC14			034	-48LC14					15-J7-006	-48LC15			047	-48LC15																	
14-J7-007	-48LC14			035	-48LC14					15-J7-007	-48LC15			048	-48LC15																	
14-J7-008	-48LC14			036	-48LC14					15-J7-008	-48LC15			049	-48LC15																	
14-J7-009	-48LC14			037	-48LC14					15-J7-009	-48LC15			050	-48LC15																	
14-J7-010	-48LC14			038	-48LC14					15-J7-010	-48LC15			051	-48LC15																	
14-J7-011	-48LC14			039	-48LC14					15-J7-011	-48LC15			052	-48LC15																	
14-J7-012	-48LC14			040	-48LC14					15-J7-012	-48LC15			053	-48LC15																	
14-J7-013	-48LC14			041	-48LC14					15-J7-013	-48LC15			054	-48LC15																	
14-J7-014	-48LC14			XXX	-48LC14					15-J7-014	-48LC15			XXX	-48LC15																	
14-J7-015	-48LC14			XXX	-48LC14					15-J7-015	-48LC15			XXX	-48LC15																	
14-J7-016	-48LC14			XXX	-48LC14					15-J7-016	-48LC15			XXX	-48LC15																	
.....J1		04-145		JACK/UNIT (SEE NOTE 304).....		.....J3		04-145		JACK/UNIT (SEE NOTE 304).....																						
14-J7-102	-48RTN14			030	-48RTN14					15-J7-102	-48RTN15			043	-48RTN15																	
14-J7-103	-48RTN14			031	-48RTN14					15-J7-103	-48RTN15			044	-48RTN15																	
14-J7-104	-48RTN14			032	-48RTN14					15-J7-104	-48RTN15			045	-48RTN15																	
14-J7-105	-48RTN14			033	-48RTN14					15-J7-105	-48RTN15			046	-48RTN15																	
14-J7-106	-48RTN14			034	-48RTN14					15-J7-106	-48RTN1																					



CAD 13

LINE INTERFACE DATA BUS LG00

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5					00-J5 JACK/UNIT				
022-050-002	00SR1L10			050	00SR1L10				
022-050-003	00SR0L00			051	00SR0L00				
022-050-004	00TR1L10			052	00TR1L10				
022-050-005	00TR0L00			053	00TR0L00				
022-050-006	SPARE0			054	SPARE0				
022-050-007	00TR1H10			055	00TR1H10				
022-050-008	00TR0H00			056	00TR0H00				
022-050-009	00SR1H00			057	00SR1H00				
022-050-010	00SR0H10			058	00SR0H10				
022-050-011	SPARE1			059	SPARE1				
022-050-012	SPARE2			060	SPARE2				
022-050-013	00ALM2			061	00ALM2				
.....J5					00-J5 JACK/UNIT				
022-051-002	00ST1L10			150	00ST1L10				
022-051-003	00ST0L00			151	00ST0L00				
022-051-004	00TT1L10			152	00TT1L10				
022-051-005	00TT0L00			153	00TT0L00				
022-051-006	SPARE3			154	SPARE3				
022-051-007	00TT1H10			155	00TT1H10				
022-051-008	00TT0H00			156	00TT0H00				
022-051-009	00ST1H00			157	00ST1H00				
022-051-010	00ST0H10			158	00ST0H10				
022-051-011	SPARE4			159	SPARE4				
022-051-012	SPARE5			160	SPARE5				
022-051-013	00ALM1			161	00ALM1				
.....J6					00-J6 JACK/UNIT				
022-050-015	00LCKN1			035	00LCKN1				
022-050-016	00SYNN1			036	00SYNN1				
022-050-017	00LGCN1			037	00LGCN1				
022-050-018	00LRDN1			038	00LRDN1				
022-050-019	00LTDN1			039	00LTDN1				
022-050-020	00FLED			040	00FLED				
022-050-021	00LCKNO			041	00LCKNO				
022-050-022	00SYNNO			042	00SYNNO				
022-050-023	00LGCNO			043	00LGCNO				
022-050-024	00LRDNO			044	00LRDNO				
022-050-025	00LTDNO			045	00LTDNO				
022-050-026	00FLED4			046	00FLED4				
.....J6					00-J6 JACK/UNIT				
022-051-015	00LCKP1			135	00LCKP1				
022-051-016	00SYNP1			136	00SYNP1				
022-051-017	00LGCP1			137	00LGCP1				
022-051-018	00LRDP1			138	00LRDP1				
022-051-019	00LTD1P			139	00LTD1P				
022-051-020	00TB1GRD			140	00TB1GRD				
022-051-021	00LCKP0			141	00LCKP0				
022-051-022	00SYNP0			142	00SYNP0				
022-051-023	00LGCP0			143	00LGCP0				
022-051-024	00LRDP0			144	00LRDP0				
022-051-025	00LTD1P0			145	00LTD1P0				
022-051-026	00LTPRST			146	00LTPRST				

CAD 14

LINE INTERFACE DATA BUS LG01

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5					01-J5 JACK/UNIT				
022-046-010	01SR0H10			058	01SR0H10				
022-046-011	SPARE11			059	SPARE11				
022-046-012	SPARE12			060	SPARE12				
022-046-013	01ALM2			061	01ALM2				
.....J5					01-J5 JACK/UNIT				
022-047-002	01ST1L10			150	01ST1L10				
022-047-003	01ST0L00			151	01ST0L00				
022-047-004	01TT1L10			152	01TT1L10				
022-047-005	01TT0L00			153	01TT0L00				
022-047-006	SPARE13			154	SPARE13				
022-047-007	01TT1H10			155	01TT1H10				
022-047-008	01TT0H00			156	01TT0H00				
022-047-009	01ST1H00			157	01ST1H00				
022-047-010	01ST0H10			158	01ST0H10				
022-047-011	SPARE14			159	SPARE14				
022-047-012	SPARE15			160	SPARE15				
022-047-013	01ALM1			161	01ALM1				
.....J6					01-J6 JACK/UNIT				
022-046-015	01LCKN1			035	01LCKN1				
022-046-016	01SYNN1			036	01SYNN1				
022-046-017	01LGCN1			037	01LGCN1				
022-046-018	01LRDN1			038	01LRDN1				
022-046-019	01LTDN1			039	01LTDN1				
022-046-020	01RST2N			040	01RST2N				
022-046-021	01LCKNO			041	01LCKNO				
022-046-022	01SYNNO			042	01SYNNO				
022-046-023	01LGCNO			043	01LGCNO				
022-046-024	01LRDNO			044	01LRDNO				
022-046-025	01LTDNO			045	01LTDNO				
022-046-026	013BSNCR			046	013BSNCR				
.....J6					01-J6 JACK/UNIT				
022-047-015	01LCKP1			135	01LCKP1				
022-047-016	01SYNP1			136	01SYNP1				
022-047-017	01LGCP1			137	01LGCP1				
022-047-018	01LRDP1			138	01LRDP1				
022-047-019	01LTD1P			139	01LTD1P				
022-047-020	01RST2P			140	01RST2P				
022-047-021	01LCKP0			141	01LCKP0				
022-047-022	01SYNP0			142	01SYNP0				
022-047-023	01LGCP0			143	01LGCP0				
022-047-024	01LRDP0			144	01LRDP0				
022-047-025	01LTD1P0			145	01LTD1P0				
022-047-026	013BSNCR			146	013BSNCR				

CAD 15

LINE INTERFACE DATA BUS LG02

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5					02-J5 JACK/UNIT				
022-050-032	02SR1L10			050	02SR1L10				
022-050-033	02SR0L00			051	02SR0L00				
022-050-034	02TR1L10			052	02TR1L10				
022-050-035	02TR0L00			053	02TR0L00				
022-050-036	SPARE20			054	SPARE20				
022-050-037	02TR1H10			055	02TR1H10				
022-050-038	02TR0H00			056	02TR0H00				
022-050-039	02SR1H00			057	02SR1H00				
022-050-040	02SR0H10			058	02SR0H10				
022-050-041	SPARE21			059	SPARE21				
022-050-042	SPARE22			060	SPARE22				
022-050-043	02ALM2			061	02ALM2				

CAD 15

LINE INTERFACE DATA BUS LG02

TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5					02-J5 JACK/UNIT				
022-051-032	02ST1L10			150	02ST1L10				
022-051-033	02ST0L00			151	02ST0L00				
022-051-034	02TT1L10			152	02TT1L10				
022-051-035	02TT0L00			153	02TT0L00				
022-051-036	SPARE23			154	SPARE23				
022-051-037	02TT1H10			155	02TT1H10				
022-051-038	02TT0H00			156	02TT0H00				
022-051-039	02ST1H00			157	02ST1H00				
022-051-040	02ST0H10			158	02ST0H10				
022-051-041	SPARE24			159	SPARE24				
022-051-042	SPARE25			160	SPARE25				
022-051-043	02ALM1			161	02ALM1				
.....J6					02-J6 JACK/UNIT				
022-050-045	02LCKN1			035	02LCKN1				
022-050-046	02SYNN1			036	02SYNN1				
022-050-047	02LGCN1			037	02LGCN1				
022-050-048	02LRDN1			038	02LRDN1				
022-050-049	02LTDN1			039	02LTDN1				
022-050-050	SPARE26			040	SPARE26				
022-050-051	02LCKNO			041	02LCKNO				
022-050-052	02SYNNO			042	02SYNNO				
022-050-053	02LGCNO			043	02LGCNO				
022-050-054	02LRDNO			044	02LRDNO				
022-050-055	02LTDNO			045	02LTDNO				
022-050-056	SPARE27			046	SPARE27				
.....J6					02-J6 JACK/UNIT				
022-051-045	02LCKP1			135	02LCKP1		</		

CAD 16
LINE INTERFACE DATA BUS LG03

CAD 17
(CONT'D)

CAD 18
(CONT'D)

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION																											
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	DPT	NOTE										
.....J5		03-J5			JACK/UNIT		.....			.....J5		04-J5 (CONT'D)			JACK/UNIT		.....			.....J5		05-J5			JACK/UNIT		.....											
022-046-032	03SR1L10			050	03SR1L10					022-056-010	04SR0H10			058	04SR0H10					022-054-002	05ST1L10			150	05ST1L10					022-054-003	05ST0L00			151	05ST0L00				
022-046-033	03SR0L00			051	03SR0L00					022-056-011	SPARE41			059	SPARE41					022-054-004	05TT1L10			152	05TT1L10					022-054-005	05TT0L00			153	05TT0L00				
022-046-034	03TR1L10			052	03TR1L10					022-056-012	SPARE42			060	SPARE42					022-054-006	SPARE53			154	SPARE53					022-054-007	05TT1H10			155	05TT1H10				
022-046-035	03TR0L00			053	03TR0L00					022-056-013	04ALM2			061	04ALM2					022-054-008	05TT0H00			156	05TT0H00					022-054-009	05ST1H00			157	05ST1H00				
022-046-036	SPARE30			054	SPARE30					.....J5		04-J5			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-046-037	03TR1H10			055	03TR1H10					022-057-002	04ST1L10			150	04ST1L10					022-053-015	05LCKN1			035	05LCKN1					022-053-016	05SYNN1			036	05SYNN1				
022-046-038	03TR0H00			056	03TR0H00					022-057-003	04ST0L00			151	04ST0L00					022-053-017	05LGCN1			037	05LGCN1					022-053-018	05LRDN1			038	05LRDN1				
022-046-039	03SR1H00			057	03SR1H00					022-057-004	04TT1L10			152	04TT1L10					022-053-019	05LTDN1			039	05LTDN1					022-053-020	05RST3N			040	05RST3N				
022-046-040	03SR0H10			058	03SR0H10					022-057-005	04TT0L00			153	04TT0L00					022-053-021	05LCKNO			041	05LCKNO					022-053-022	05SYNNO			042	05SYNNO				
022-046-041	SPARE31			059	SPARE31					022-057-006	SPARE43			154	SPARE43					022-053-023	05LGCNO			043	05LGCNO					022-053-024	05LRDNO			044	05LRDNO				
022-046-042	SPARE32			060	SPARE32					022-057-007	04TT1H10			155	04TT1H10					022-053-025	05LTDNO			045	05LTDNO					022-053-026	053BSCNR			046	053BSCNR				
022-046-043	03ALM2			061	03ALM2					022-057-008	04TT0H00			156	04TT0H00					.....J6		05-J6			JACK/UNIT		.....											
.....J5		03-J5			JACK/UNIT		.....			.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-047-032	03ST1L10			150	03ST1L10					022-057-009	04ST1H00			157	04ST1H00					022-054-015	05LCKP1			135	05LCKP1					022-054-016	05SYNP1			136	05SYNP1				
022-047-033	03ST0L00			151	03ST0L00					022-057-010	04ST0H10			158	04ST0H10					022-054-017	05LGGP1			137	05LGGP1					022-054-018	05LRDP1			138	05LRDP1				
022-047-034	03TT1L10			152	03TT1L10					022-057-011	SPARE44			159	SPARE44					022-054-019	05LTD1P1			139	05LTD1P1					022-054-020	05RST3P			140	05RST3P				
022-047-035	03TT0L00			153	03TT0L00					022-057-012	SPARE45			160	SPARE45					022-054-021	05LCKP0			141	05LCKP0					022-054-022	05SYNP0			142	05SYNP0				
022-047-036	SPARE33			154	SPARE33					022-057-013	04ALM1			161	04ALM1					022-054-023	05LGGP0			143	05LGGP0					022-054-024	05LRDP0			144	05LRDP0				
022-047-037	03TT1H10			155	03TT1H10					.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-047-038	03TT0H00			156	03TT0H00					022-056-015	04LCKN1			035	04LCKN1					022-054-025	05LTD1P0			145	05LTD1P0					022-054-026	053BSCNO			146	053BSCNO				
022-047-039	03ST1H00			157	03ST1H00					022-056-016	04SYNN1			036	04SYNN1					.....J6		04-J6			JACK/UNIT		.....											
022-047-040	03ST0H10			158	03ST0H10					022-056-017	04LGCN1			037	04LGCN1					022-057-015	04LCKP1			135	04LCKP1														
022-047-041	SPARE34			159	SPARE34					022-056-018	04LRDN1			038	04LRDN1					022-057-016	04SYNP1			136	04SYNP1														
022-047-042	SPARE35			160	SPARE35					022-056-019	04LTDN1			039	04LTDN1					022-057-017	04LGGP1			137	04LGGP1														
022-047-043	03ALM1			161	03ALM1					022-056-020	04FLED			040	04FLED					022-057-018	04LRDP1			138	04LRDP1														
.....J6		03-J6			JACK/UNIT		.....			.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-046-045	03LCKN1			035	03LCKN1					022-056-021	04LCKNO			041	04LCKNO					022-057-019	04LTD1P1			139	04LTD1P1														
022-046-046	03SYNN1			036	03SYNN1					022-056-022	04SYNNO			042	04SYNNO					022-057-020	04TB1GRD			140	04TB1GRD														
022-046-047	03LGCN1			037	03LGCN1					022-056-023	04LGCNO			043	04LGCNO					022-057-021	04LCKP0			141	04LCKP0														
022-046-048	03LRDN1			038	03LRDN1					022-056-024	04LRDNO			044	04LRDNO					022-057-022	04SYNP0			142	04SYNP0														
022-046-049	03LTDN1			039	03LTDN1					022-056-025	04LTDNO			045	04LTDNO					022-057-023	04LGGP0			143	04LGGP0														
022-046-050	SPARE36			040	SPARE36					022-056-026	04RST2N			046	04RST2N					022-057-024	04LRDP0			144	04LRDP0														
022-046-051	03LCKNO			041	03LCKNO					.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-046-052	03SYNNO			042	03SYNNO					022-057-015	04LCKP1			135	04LCKP1					022-057-025	04LTD1P0			145	04LTD1P0														
022-046-053	03LGCNO			043	03LGCNO					022-057-016	04SYNP1			136	04SYNP1					022-057-026	04RST2P			146	04RST2P														
022-046-054	03LRDNO			044	03LRDNO					022-057-017	04LGGP1			137	04LGGP1					.....J6		04-J6			JACK/UNIT		.....											
022-046-055	03LTDNO			045	03LTDNO					022-057-018	04LRDP1			138	04LRDP1					022-057-015	04LCKP1			135	04LCKP1														
022-046-056	SPARE37			046	SPARE37					022-057-019	04LTD1P1			139	04LTD1P1					022-057-016	04SYNP1			136	04SYNP1														
.....J6		03-J6			JACK/UNIT		.....			.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-047-045	03LCKP1			135	03LCKP1					022-057-020	04TB1GRD			140	04TB1GRD					022-057-017	04LGGP1			137	04LGGP1														
022-047-046	03SYNP1			136	03SYNP1					022-057-021	04LCKP0			141	04LCKP0					022-057-018	04LRDP1			138	04LRDP1														
022-047-047	03LGGP1			137	03LGGP1					022-057-022	04SYNP0			142	04SYNP0					022-057-019	04LTD1P1			139	04LTD1P1														
022-047-048	03LRDP1			138	03LRDP1					022-057-023	04LGGP0			143	04LGGP0					022-047-049	03LTD1P1			139	03LTD1P1														
022-047-049	03LTD1P1			139	03LTD1P1					022-057-024	04LRDP0			144	04LRDP0					022-047-050	SPARE38			140	SPARE38														
022-047-050	SPARE38			140	SPARE38					022-057-025	04LTD1P0			145	04LTD1P0					022-047-051	03LCKP0			141	03LCKP0														
022-047-051	03LCKP0			141	03LCKP0					022-057-026	04RST2P			146	04RST2P					022-047-052	03SYNP0			142	03SYNP0														
022-047-052	03SYNP0			142	03SYNP0					.....J6		04-J6			JACK/UNIT		.....			.....J6		05-J6			JACK/UNIT		.....											
022-047-053	03LGGP0			143	03LGGP0					022-053-002	05SR1L10			050	05SR1L10					022-047-053	03LGGP0			143	03LGGP0														
022-047-054	03LRDP0			144	03LRDP0					022-053-003	05SR0L00			051	05SR0L00					022-047-054	03LRDP0			144	03LRDP0														
022-047-055	03LTD1P0			145	03LTD1P0					022-053-004	05TR1L10			052	05TR1L10					022-047-055	03LTD1P0			145	03LTD1P0														
022-047-056	SPARE39			146	SPARE39					022-053-005	05TR																												

CAD 19
LINE INTERFACE DATA BUS LG06

CAD 20
(CONT'D)

CAD 21
(CONT'D)

TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5										.....J5										.....J5										.....J5									
022-056-032	06SR1L10			050	06SR1L10					022-053-040	07SR0H10			058	07SR0H10					022-126-002	08ST1L11			150	08ST1L11					022-126-003	08ST0L01			151	08ST0L01				
022-056-033	06SR0L00			051	06SR0L00					022-053-041	SPARE71			059	SPARE71					022-126-004	08TT1L11			152	08TT1L11					022-126-005	08TT0L01			153	08TT0L01				
022-056-034	06TR1L10			052	06TR1L10					022-053-042	SPARE72			060	SPARE72					022-126-006	SPARE83			154	SPARE83					022-126-007	08TT1H11			155	08TT1H11				
022-056-035	06TR0L00			053	06TR0L00					022-053-043	07ALM2			061	07ALM2					022-126-008	08TT0H01			156	08TT0H01					022-126-009	08ST1H01			157	08ST1H01				
022-056-036	SPARE60			054	SPARE60															022-126-010	08ST0H11			158	08ST0H11					022-126-011	SPARE84			159	SPARE84				
022-056-037	06TR1H10			055	06TR1H10															022-126-012	SPARE85			160	SPARE85					022-126-013	08ALM1			161	08ALM1				
022-056-038	06TR0H00			056	06TR0H00																																		
022-056-039	06SR1H00			057	06SR1H00																																		
022-056-040	06SR0H10			058	06SR0H10																																		
022-056-041	SPARE61			059	SPARE61																																		
022-056-042	SPARE62			060	SPARE62																																		
022-056-043	06ALM2			061	06ALM2																																		
.....J5										.....J5										.....J6										.....J6									
022-057-032	06ST1L10			150	06ST1L10					022-054-032	07ST1L10			150	07ST1L10					022-125-015	08LCKN1			035	08LCKN1					022-125-016	08SYNN1			036	08SYNN1				
022-057-033	06ST0L00			151	06ST0L00					022-054-033	07ST0L00			151	07ST0L00					022-125-017	08LGCN1			037	08LGCN1					022-125-018	08LRDN1			038	08LRDN1				
022-057-034	06TT1L10			152	06TT1L10					022-054-034	07TT1L10			152	07TT1L10					022-125-019	08LTDN1			039	08LTDN1					022-125-020	08FLED			040	08FLED				
022-057-035	06TT0L00			153	06TT0L00					022-054-035	07TT0L00			153	07TT0L00					022-125-021	08LCKNO			041	08LCKNO					022-125-022	08SYNNO			042	08SYNNO				
022-057-036	SPARE63			154	SPARE63					022-054-036	SPARE73			154	SPARE73					022-125-023	08LGCNO			043	08LGCNO					022-125-024	08LRDNO			044	08LRDNO				
022-057-037	06TT1H10			155	06TT1H10					022-054-037	07TT1H10			155	07TT1H10					022-125-025	08LTDNO			045	08LTDNO					022-125-026	08RST3N			046	08RST3N				
022-057-038	06TT0H00			156	06TT0H00					022-054-038	07TT0H00			156	07TT0H00																								
022-057-039	06ST1H00			157	06ST1H00					022-054-039	07ST1H00			157	07ST1H00																								
022-057-040	06ST0H10			158	06ST0H10					022-054-040	07ST0H10			158	07ST0H10																								
022-057-041	SPARE64			159	SPARE64					022-054-041	SPARE74			159	SPARE74																								
022-057-042	SPARE65			160	SPARE65					022-054-042	SPARE75			160	SPARE75																								
022-057-043	06ALM1			161	06ALM1					022-054-043	07ALM1			161	07ALM1																								
.....J6										.....J6										.....J6										.....J6									
022-056-045	06LCKN1			035	06LCKN1					022-053-045	07LCKN1			035	07LCKN1					022-126-015	08LCKP1			135	08LCKP1					022-126-016	08SYNP1			136	08SYNP1				
022-056-046	06SYNN1			036	06SYNN1					022-053-046	07SYNN1			036	07SYNN1					022-126-017	08LSCP1			137	08LSCP1					022-126-018	08LRDP1			138	08LRDP1				
022-056-047	06LGCN1			037	06LGCN1					022-053-047	07LGCN1			037	07LGCN1					022-126-019	08LTOP1			139	08LTOP1					022-126-020	08BT1GRD			140	08BT1GRD				
022-056-048	06LRDN1			038	06LRDN1					022-053-048	07LRDN1			038	07LRDN1					022-126-021	08LCKPO			141	08LCKPO					022-126-022	08SYNPO			142	08SYNPO				
022-056-049	06LTDN1			039	06LTDN1					022-053-049	07LTDN1			039	07LTDN1					022-126-023	08LGCPO			143	08LGCPO					022-126-024	08LRDPO			144	08LRDPO				
022-056-050	SPARE66			040	SPARE66					022-053-050	SPARE76			040	SPARE76					022-126-025	08LTDPO			145	08LTDPO					022-126-026	08RST3P			146	08RST3P				
022-056-051	06LCKNO			041	06LCKNO					022-053-051	07LCKNO			041	07LCKNO																								
022-056-052	06SYNNO			042	06SYNNO					022-053-052	07SYNNO			042	07SYNNO																								
022-056-053	06LGCNO			043	06LGCNO					022-053-053	07LGCNO			043	07LGCNO																								
022-056-054	06LRDNO			044	06LRDNO					022-053-054	07LRDNO			044	07LRDNO																								
022-056-055	06LTDNO			045	06LTDNO					022-053-055	07LTDNO			045	07LTDNO																								
022-056-056	SPARE67			046	SPARE67					022-053-056	SPARE77			046	SPARE77																								
.....J6										.....J6										.....J6										.....J6									
022-057-045	06LCKP1			135	06LCKP1					022-054-045	07LCKP1			135	07LCKP1																								
022-057-046	06SYNP1			136	06SYNP1					022-054-046	07SYNP1			136	07SYNP1																								
022-057-047	06LSCP1			137	06LSCP1					022-054-047	07LSCP1			137	07LSCP1																								
022-057-048	06LRDP1			138	06LRDP1					022-054-048	07LRDP1			138	07LRDP1																								
022-057-049	06LTOP1			139	06LTOP1					022-054-049	07LTOP1			139	07LTOP1																								
022-057-050	SPARE68			140	SPARE68					022-054-050	SPARE78			140	SPARE78																								
022-057-051	06LCKPO			141	06LCKPO					022-054-051	07LCKPO			141	07LCKPO																								
022-057-052	06SYNPO			142	06SYNPO					022-054-052	07SYNPO			142	07SYNPO																								
022-057-053	06LGCPO			143	06LGCPO					022-054-053	07LGCPO			143	07LGCPO																								
022-057-054	06LRDPO			144	06LRDPO					022-054-054	07LRDPO			144	07LRDPO																								
022-057-055	06LTDPO			145	06LTDPO					022-054-055	07LTDPO			145	07LTDPO																								

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LINE INTERFACE DATA BUS LG09

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TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5										.....J5										.....J5										.....J5									
022-122-002	09SR1L11			050	09SR1L11	JACK/UNIT				022-125-040	10SR0H11			058	10SR0H11	JACK/UNIT				022-123-032	11ST1L11			150	11ST1L11	JACK/UNIT				022-123-032	11ST1L11			150	11ST1L11	JACK/UNIT			
022-122-003	09SR0L01			051	09SR0L01					022-125-041	SPARE101			059	SPARE101					022-123-033	11ST0L01			151	11ST0L01					022-123-033	11ST0L01			151	11ST0L01				
022-122-004	09TR1L11			052	09TR1L11					022-125-042	SPARE102			060	SPARE102					022-123-034	11TT1L11			152	11TT1L11					022-123-034	11TT1L11			152	11TT1L11				
022-122-005	09TR0L01			053	09TR0L01					022-125-043	10ALM2			061	10ALM2					022-123-035	11TT0L01			153	11TT0L01					022-123-035	11TT0L01			153	11TT0L01				
022-122-006	SPARE90			054	SPARE90															022-123-036	SPARE112			154	SPARE112					022-123-036	SPARE112			154	SPARE112				
022-122-007	09TR1H11			055	09TR1H11															022-123-037	11TT1H11			155	11TT1H11					022-123-037	11TT1H11			155	11TT1H11				
022-122-008	09TR0H01			056	09TR0H01															022-123-038	11TT0H01			156	11TT0H01					022-123-038	11TT0H01			156	11TT0H01				
022-122-009	09SR1H01			057	09SR1H01															022-123-039	11ST1H01			157	11ST1H01					022-123-039	11ST1H01			157	11ST1H01				
022-122-010	09SR0H11			058	09SR0H11															022-123-040	SPARE113			158	SPARE113					022-123-040	SPARE113			158	SPARE113				
022-122-011	SPARE91			059	SPARE91															022-123-041	SPARE114			159	SPARE114					022-123-041	SPARE114			159	SPARE114				
022-122-012	SPARE92			060	SPARE92															022-123-042	11ALM1			160	11ALM1					022-123-042	11ALM1			160	11ALM1				
022-122-013	09ALM2			061	09ALM2															022-123-043	11ALM1			161	11ALM1					022-123-043	11ALM1			161	11ALM1				
.....J5										.....J5										.....J6										.....J6									
022-123-002	09ST1L11			150	09ST1L11					022-126-032	10ST1L11			150	10ST1L11	JACK/UNIT				022-122-045	11LCKN1			035	11LCKN1	JACK/UNIT				022-122-045	11LCKN1			035	11LCKN1	JACK/UNIT			
022-123-003	09ST0L01			151	09ST0L01					022-126-033	10ST0L01			151	10ST0L01					022-122-046	11SYNN1			036	11SYNN1					022-122-046	11SYNN1			036	11SYNN1				
022-123-004	09TT1L11			152	09TT1L11					022-126-034	10TT1L11			152	10TT1L11					022-122-047	11LGCN1			037	11LGCN1					022-122-047	11LGCN1			037	11LGCN1				
022-123-005	09TT0L01			153	09TT0L01					022-126-035	10TT0L01			153	10TT0L01					022-122-048	11LRDN1			038	11LRDN1					022-122-048	11LRDN1			038	11LRDN1				
022-123-006	SPARE93			154	SPARE93					022-126-036	SPARE103			154	SPARE103					022-122-049	11LTDN1			039	11LTDN1					022-122-049	11LTDN1			039	11LTDN1				
022-123-007	09TT1H11			155	09TT1H11					022-126-037	10TT1H11			155	10TT1H11					022-122-050	SPARE115			040	SPARE115					022-122-050	SPARE115			040	SPARE115				
022-123-008	09TT0H01			156	09TT0H01					022-126-038	10TT0H01			156	10TT0H01					022-122-051	11LCKNO			041	11LCKNO					022-122-051	11LCKNO			041	11LCKNO				
022-123-009	09ST1H01			157	09ST1H01					022-126-039	10ST1H01			157	10ST1H01					022-122-052	11SYNNO			042	11SYNNO					022-122-052	11SYNNO			042	11SYNNO				
022-123-010	09ST0H11			158	09ST0H11					022-126-040	10ST0H11			158	10ST0H11					022-122-053	11LGCNO			043	11LGCNO					022-122-053	11LGCNO			043	11LGCNO				
022-123-011	SPARE94			159	SPARE94					022-126-041	SPARE104			159	SPARE104					022-122-054	11LRDNO			044	11LRDNO					022-122-054	11LRDNO			044	11LRDNO				
022-123-012	SPARE95			160	SPARE95					022-126-042	SPARE105			160	SPARE105					022-122-055	11LTDNO			045	11LTDNO					022-122-055	11LTDNO			045	11LTDNO				
022-123-013	09ALM1			161	09ALM1					022-126-043	10ALM1			161	10ALM1					022-122-056	SPARE116			046	SPARE116					022-122-056	SPARE116			046	SPARE116				
.....J6										.....J6										.....J6										.....J6									
022-122-015	09LCKN1			035	09LCKN1					022-125-045	10LCKN1			035	10LCKN1	JACK/UNIT				022-123-045	11LCKP1			135	11LCKP1	JACK/UNIT				022-123-045	11LCKP1			135	11LCKP1	JACK/UNIT			
022-122-016	09SYNN1			036	09SYNN1					022-125-046	10SYNN1			036	10SYNN1					022-123-046	11SYNP1			136	11SYNP1					022-123-046	11SYNP1			136	11SYNP1				
022-122-017	09LGCN1			037	09LGCN1					022-125-047	10LGCN1			037	10LGCN1					022-123-047	11LGCP1			137	11LGCP1					022-123-047	11LGCP1			137	11LGCP1				
022-122-018	09LRDN1			038	09LRDN1					022-125-048	10LRDN1			038	10LRDN1					022-123-048	11LRDP1			138	11LRDP1					022-123-048	11LRDP1			138	11LRDP1				
022-122-019	09LTDN1			039	09LTDN1					022-125-049	10LTDN1			039	10LTDN1					022-123-049	11LTD1			139	11LTD1					022-123-049	11LTD1			139	11LTD1				
022-122-020	09RST4N			040	09RST4N					022-125-050	SPARE106			040	SPARE106					022-123-050	SPARE117			140	SPARE117					022-123-050	SPARE117			140	SPARE117				
022-122-021	09LCKNO			041	09LCKNO					022-125-051	10LCKNO			041	10LCKNO					022-123-051	11LCKPO			141	11LCKPO					022-123-051	11LCKPO			141	11LCKPO				
022-122-022	09SYNNO			042	09SYNNO					022-125-052	10SYNNO			042	10SYNNO					022-123-052	11SYNPO			142	11SYNPO					022-123-052	11SYNPO			142	11SYNPO				
022-122-023	09LGCNO			043	09LGCNO					022-125-053	10LGCNO			043	10LGCNO					022-123-053	11LGCP0			143	11LGCP0					022-123-053	11LGCP0			143	11LGCP0				
022-122-024	09LRDNO			044	09LRDNO					022-125-054	10LRDNO			044	10LRDNO					022-123-054	11LRDPO			144	11LRDPO					022-123-054	11LRDPO			144	11LRDPO				
022-122-025	09LTDNO			045	09LTDNO					022-125-055	10LTDNO			045	10LTDNO					022-123-055	11LTDPO			145	11LTDPO					022-123-055	11LTDPO			145	11LTDPO				
022-122-026	09BSCNR			046	09BSCNR					022-125-056	SPARE107			046	SPARE107					022-123-056	SPARE118			146	SPARE118					022-123-056	SPARE118			146	SPARE118				

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TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5										.....J5									
022-122-032	11SR1L11			050	11SR1L11	JACK/UNIT				022-122-032	11SR1L11			050	11SR1L11	JACK/UNIT			
022-122-033	11SR0L01			051	11SR0L01					022-122-033	11SR0L01			051	11SR0L01				
022-122-034	11TR1L11			052	11TR1L11					022-122-034	11TR1L11			052	11TR1L11				
022-122-035	11TR0L01			053	11TR0L01					022-122-035	11TR0L01			053	11TR0L01				
022-122-036	SPARE109			054	SPARE109					022-122-036	SPARE109			054	SPARE109				
022-122-037</																			

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LINE INTERFACE DATA BUS LG12

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TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION																	
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J5										.....J5										.....J5									
022-132-002	12SR1L11			050	12SR1L11					022-128-010	13SR0H11			058	13SR0H11					022-133-032	14ST1L11			150	14ST1L11				
022-132-003	12SR0L01			051	12SR0L01					022-128-011	SPARE130			059	SPARE130					022-133-033	14ST0L01			151	14ST0L01				
022-132-004	12TR1L11			052	12TR1L11					022-128-012	SPARE131			060	SPARE131					022-133-034	14TT1L11			152	14TT1L11				
022-132-005	12TR0L01			053	12TR0L01					022-128-013	13ALM2			061	13ALM2					022-133-035	14TT0L01			153	14TT0L01				
022-132-006	SPARE119			054	SPARE119					.....J5										.....J6									
022-132-007	12TR1H11			055	12TR1H11					022-129-002	13ST1L11			150	13ST1L11					022-132-045	14LCKN1			035	14LCKN1				
022-132-008	12TROH01			056	12TROH01					022-129-003	13ST0L01			151	13ST0L01					022-132-046	14SYNN1			036	14SYNN1				
022-132-009	12SR1H01			057	12SR1H01					022-129-004	13TT1L11			152	13TT1L11					022-132-047	14LGCN1			037	14LGCN1				
022-132-010	12SR0H11			058	12SR0H11					022-129-005	13TT0L01			153	13TT0L01					022-132-048	14LRDN1			038	14LRDN1				
022-132-011	SPARE120			059	SPARE120					022-129-006	SPARE132			154	SPARE132					022-132-049	14LTDN1			039	14LTDN1				
022-132-012	SPARE121			060	SPARE121					022-129-007	13TT1H11			155	13TT1H11					022-132-050	SPARE145			040	SPARE145				
022-132-013	12ALM2			061	12ALM2					022-129-008	13TT0H01			156	13TT0H01					022-132-051	14LCKNO			041	14LCKNO				
.....J5										.....J6										.....J6									
022-133-002	12ST1L11			150	12ST1L11					022-129-009	13ST1H01			157	13ST1H01					022-132-052	14SYNNO			042	14SYNNO				
022-133-003	12ST0L01			151	12ST0L01					022-129-010	13ST0H11			158	13ST0H11					022-132-053	14LGCNO			043	14LGCNO				
022-133-004	12TT1L11			152	12TT1L11					022-129-011	SPARE133			159	SPARE133					022-132-054	14LRDNO			044	14LRDNO				
022-133-005	12TT0L01			153	12TT0L01					022-129-012	SPARE134			160	SPARE134					022-132-055	14LTDNO			045	14LTDNO				
022-133-006	SPARE122			154	SPARE122					022-129-013	13ALM1			161	13ALM1					022-132-056	SPARE146			046	SPARE146				
022-133-007	12TT1H11			155	12TT1H11					.....J6										.....J6									
022-133-008	12TT0H01			156	12TT0H01					022-128-015	13LCKN1			035	13LCKN1					022-133-045	14LCKP1			135	14LCKP1				
022-133-009	12ST1H01			157	12ST1H01					022-128-016	13SYNN1			036	13SYNN1					022-133-046	14SYNP1			136	14SYNP1				
022-133-010	12ST0H11			158	12ST0H11					022-128-017	13LGCN1			037	13LGCN1					022-133-047	14LGGP1			137	14LGGP1				
022-133-011	SPARE123			159	SPARE123					022-128-018	13LRDN1			038	13LRDN1					022-133-048	14LRDP1			138	14LRDP1				
022-133-012	SPARE124			160	SPARE124					022-128-019	13LTDN1			039	13LTDN1					022-133-049	14LTD1			139	14LTD1				
022-133-013	12ALM1			161	12ALM1					022-128-020	133BRESR			040	133BRESR					022-133-050	SPARE147			140	SPARE147				
.....J6										.....J6										.....J6									
022-132-015	12LCKN1			035	12LCKN1					022-128-021	13LCKNO			041	13LCKNO					022-133-051	14LCKP0			141	14LCKP0				
022-132-016	12SYNN1			036	12SYNN1					022-128-022	13SYNNO			042	13SYNNO					022-133-052	14SYNPO			142	14SYNPO				
022-132-017	12LGCN1			037	12LGCN1					022-128-023	13LGCNO			043	13LGCNO					022-133-053	14LGGP0			143	14LGGP0				
022-132-018	12LRDN1			038	12LRDN1					022-128-024	13LRDNO			044	13LRDNO					022-133-054	14LRDPO			144	14LRDPO				
022-132-019	12LTDN1			039	12LTDN1					022-128-025	13LTDNO			045	13LTDNO					022-133-055	14LTDPO			145	14LTDPO				
022-132-020	12FLED			040	12FLED					022-128-026	133BSCNR			046	133BSCNR					022-133-056	SPARE148			146	SPARE148				
022-132-021	12LCKNO			041	12LCKNO					.....J6										.....J6									
022-132-022	12SYNNO			042	12SYNNO					022-129-015	13LCKP1			135	13LCKP1					022-133-057	14LCKP1			147	14LCKP1				
022-132-023	12LGCNO			043	12LGCNO					022-129-016	13SYNP1			136	13SYNP1					022-133-058	14SYNP1			148	14SYNP1				
022-132-024	12LRDNO			044	12LRDNO					022-129-017	13LGGP1			137	13LGGP1					022-133-059	14LGGP1			149	14LGGP1				
022-132-025	12LTDNO			045	12LTDNO					022-129-018	13LRDP1			138	13LRDP1					022-133-060	14LRDP1			150	14LRDP1				
022-132-026	12RST4N			046	12RST4N					022-129-019	13LTD1			139	13LTD1					022-133-061	14LTD1			151	14LTD1				
.....J6										.....J6										.....J6									
022-133-015	12LCKP1			135	12LCKP1					022-129-020	133BRES1			140	133BRES1					022-133-062	14LCKP1			152	14LCKP1				
022-133-016	12SYNP1			136	12SYNP1					022-129-021	13LCKP0			141	13LCKP0					022-133-063	14SYNPO			153	14SYNPO				
022-133-017	12LGGP1			137	12LGGP1					022-129-022	13SYNPO			142	13SYNPO					022-133-064	14LGGP0			154	14LGGP0				
022-133-018	12LRDP1			138	12LRDP1					022-129-023	13LGGP0			143	13LGGP0					022-133-065	14LRDPO			155	14LRDPO				
022-133-019	12LTD1			139	12LTD1					022-129-024	13LRDPO			144	13LRDPO					022-133-066	14LTDPO			156	14LTDPO				
022-133-020	12TB1GRD			140	12TB1GRD					022-129-025	13LTDPO			145	13LTDPO					022-133-067	14LTDPO			157	14LTDPO				
022-133-021	12LCKP0			141	12LCKP0					022-129-026	133BSCNO			146	133BSCNO					022-133-068	14LCKP0			158	14LCKP0				
022-133-022	12SYNPO			142	12SYNPO					.....J6										.....J6									
022-133-023	12LGGP0			143	12LGGP0					022-133-015	12LCKP1			135	12LCKP1					022-133-069	14SYNPO			159	14SYNPO				
022-133-024	12LRDPO			144	12LRDPO					022-133-016	12SYNP1			136	12SYNP1					022-133-070	14LGGP0			160	14LGGP0				
022-133-025	12LTDPO			145	12LTDPO					022-133-017	12LGGP1			137	12LGGP1					022-133-071	14LRDPO			161	14LRDPO				
022-133-026	12RST4P			146	12RST4P					022-133-018	12LRDP1			138	12LRDP1					022-133-072	14LTDPO			162	14LTDPO				

CAD 27
LINE INTERFACE DATA BUS LG14

CAD 26
LINE INTERFACE DATA BUS LG13

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION												
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J5										.....J5									
022-128-002	13SR1L11			050	13SR1L11					022-132-032	14SR1L11			050	14SR1L11				
022-128-003	13SR0L01			051	13SR0L01					022-132-033	14SR0L01			051	14SR0L01				
022-128-004	13TR1L11			052	13TR1L11					022-132-034	14TR1L11			052	14TR1L11				
022-128-005	13TR0L01			053	13TR0L01					022-132-035	14TR0L01			053	14TR0L01				
022-128-006	SPARE129			054	SPARE129					022-132-036	SPARE139			054	SPARE139				
022-128-007	13TR1H11			055	13TR1H11					022-132-037	14TR1H11			055	14TR1H11				
022-128-008	13TROH01			056	13TROH01					022-132-038	14TROH01			056	14TROH01				
022-128-009	13SR1H01			057	13SR1H01					022-132-039	14SR1H01			057	14SR1H01				
.....J5										.....J5									
022-128-002	13SR1L11			050															

CAD 29 (CONT'D)										CAD 30 (CONT'D)										CAD 30 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
TO CONNECTOR PANEL LG 00 J4										TO CONNECTOR PANEL LG 01 J2										TO CONNECTOR PANEL LG 01 J4									
T1004016	045			J4	T1004016					R1012109	126			J2	R1012109					R1014125	154			J4	R1014125				
T1004017	046			J4	T1004017					R1012110	127			J2	R1012110					R1014126	155			J4	R1014126				
T1004018	047			J4	T1004018					R1012111	128			J2	R1012111					R1014127	156			J4	R1014127				
T1004019	048			J4	T1004019					R1012112	129			J2	R1012112					R1014128	157			J4	R1014128				
T1004020	049			J4	T1004020					R1012113	130			J2	R1012113					R1014129	158			J4	R1014129				
T1004021	050			J4	T1004021					R1012114	131			J2	R1012114					R1014130	159			J4	R1014130				
T1004022	051			J4	T1004022					R1012115	132			J2	R1012115					R1014131	160			J4	R1014131				
T1004023	052			J4	T1004023					NC	133			J2	NC					NC	161			J4	NC				
T1004024	053			J4	T1004024															NC	161			J4	NC				
T1004025	054			J4	T1004025															NC	161			J4	NC				
T1004026	055			J4	T1004026															NC	161			J4	NC				
T1004027	056			J4	T1004027															NC	161			J4	NC				
T1004028	057			J4	T1004028															NC	161			J4	NC				
T1004029	058			J4	T1004029															NC	161			J4	NC				
T1004030	059			J4	T1004030															NC	161			J4	NC				
T1004031	060			J4	T1004031															NC	161			J4	NC				
NC	061			J4	NC															NC	161			J4	NC				
TO CONNECTOR PANEL LG 01 J1										TO CONNECTOR PANEL LG 01 J3										TO CONNECTOR PANEL LG 02 J1									
R0011100	103			J1	R0011100					R0013116	141			J3	R0013116					R0021100	103			J1	R0021100				
R0011101	104			J1	R0011101					R0013117	142			J3	R0013117					R0021101	104			J1	R0021101				
R0011102	105			J1	R0011102					R0013118	143			J3	R0013118					R0021102	105			J1	R0021102				
R0011103	106			J1	R0011103					R0013119	144			J3	R0013119					R0021103	106			J1	R0021103				
R0011104	107			J1	R0011104					R0013120	145			J3	R0013120					R0021104	107			J1	R0021104				
R0011105	108			J1	R0011105					R0013121	146			J3	R0013121					R0021105	108			J1	R0021105				
R0011106	109			J1	R0011106					R0013122	147			J3	R0013122					R0021106	109			J1	R0021106				
R0011107	110			J1	R0011107					R0013123	148			J3	R0013123					R0021107	110			J1	R0021107				
R0011108	111			J1	R0011108					R0013124	149			J3	R0013124					R0021108	111			J1	R0021108				
R0011109	112			J1	R0011109					R0013125	150			J3	R0013125					R0021109	112			J1	R0021109				
R0011110	113			J1	R0011110					R0013126	151			J3	R0013126					R0021110	113			J1	R0021110				
R0011111	114			J1	R0011111					R0013127	152			J3	R0013127					R0021111	114			J1	R0021111				
R0011112	115			J1	R0011112					R0013128	153			J3	R0013128					R0021112	115			J1	R0021112				
R0011113	116			J1	R0011113					R0013129	154			J3	R0013129					R0021113	116			J1	R0021113				
R0011114	117			J1	R0011114					R0013130	155			J3	R0013130					R0021114	117			J1	R0021114				
R0011115	118			J1	R0011115					NC	156			J3	R0013131					R0021115	118			J1	R0021115				
NC	119			J1	NC					NC	157			J3	NC					NC	119			J1	NC				
TO CONNECTOR PANEL LG 01 J2										TO CONNECTOR PANEL LG 01 J3										TO CONNECTOR PANEL LG 01 J4									
R1012100	117			J2	R1012100					T0013016	041			J3	T0013016					R1014116	145			J4	R1014116				
R1012101	118			J2	R1012101					T0013017	042			J3	T0013017					R1014117	146			J4	R1014117				
R1012102	119			J2	R1012102					T0013018	043			J3	T0013018					R1014118	147			J4	R1014118				
R1012103	120			J2	R1012103					T0013019	044			J3	T0013019					R1014119	148			J4	R1014119				
R1012104	121			J2	R1012104					T0013020	045			J3	T0013020					R1014120	149			J4	R1014120				
R1012105	122			J2	R1012105					T0013021	046			J3	T0013021					R1014121	150			J4	R1014121				
R1012106	123			J2	R1012106					T0013022	047			J3	T0013022					R1014122	151			J4	R1014122				
R1012107	124			J2	R1012107					T0013023	048			J3	T0013023					R1014123	152			J4	R1014123				
R1012108	125			J2	R1012108					T0013024	049			J3	T0013024					R1014124	153			J4	R1014124				
TO CONNECTOR PANEL LG 01 J2										TO CONNECTOR PANEL LG 01 J3										TO CONNECTOR PANEL LG 01 J4									
R1012100	117			J2	R1012100					T0013016	041			J3	T0013016					R1014116	145			J4	R1014116				
R1012101	118			J2	R1012101					T0013017	042			J3	T0013017					R1014117	146			J4	R1014117				
R1012102	119			J2	R1012102					T0013018	043			J3	T0013018					R1014118	147			J4	R1014118				
R1012103	120			J2	R1012103					T0013019	044			J3	T0013019					R1014119	148			J4	R1014119				
R1012104	121			J2	R1012104					T0013020	045			J3	T0013020					R1014120	149			J4	R1014120				
R1012105	122			J2	R1012105					T0013021	046			J3	T0013021					R1014121	150			J4	R1014121				
R1012106	123			J2	R1012106					T0013022	047			J3	T0013022					R1014122	151			J4	R1014122				
R1012107	124			J2	R1012107					T0013023	048			J3	T0013023					R1014123	152			J4	R1014123				
R1012108	125			J2	R1012108					T0013024	049			J3	T0013024					R1014124	153			J4	R1014124				

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INTEGRATED SERVICES LINE UNIT

	DWG SIZE C2	ISSUE 1
AT&T BELL LABORATORIES	SD-5D091-01	
		GB16

CAD 31
(CONT'D)

CAD 31
(CONT'D)

CAD 32
(CONT'D)

TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION										
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J1										.....J3										.....J1										03-J1 (CONT'D)									
TO CONNECTOR	T0021000		003	JACK/UNIT	T0021000					TO CONNECTOR	T0023016		041	JACK/UNIT	T0023016																									
PANEL LG 02 J1	T0021001		004		T0021001					PANEL LG 02 J3	T0023017		042		T0023017																									
	T0021002		005		T0021002						T0023018		043		T0023018																									
	T0021003		006		T0021003						T0023019		044		T0023019																									
	T0021004		007		T0021004						T0023020		045		T0023020																									
	T0021005		008		T0021005						T0023021		046		T0023021																									
	T0021006		009		T0021006						T0023022		047		T0023022																									
	T0021007		010		T0021007						T0023023		048		T0023023																									
	T0021008		011		T0021008						T0023024		049		T0023024																									
	T0021009		012		T0021009						T0023025		050		T0023025																									
	T0021010		013		T0021010						T0023026		051		T0023026																									
	T0021011		014		T0021011						T0023027		052		T0023027																									
	T0021012		015		T0021012						T0023028		053		T0023028																									
	T0021013		016		T0021013						T0023029		054		T0023029																									
	T0021014		017		T0021014						T0023030		055		T0023030																									
	T0021015		018		T0021015						T0023031		056		T0023031																									
	NC		019		NC						NC		057		NC																									
.....J2										.....J4										.....J1										03-J1 (CONT'D)									
TO CONNECTOR	R1022100		117	JACK/UNIT	R1022100					TO CONNECTOR	R1024116		145	JACK/UNIT	R1024116																									
PANEL LG 02 J2	R1022101		118		R1022101					PANEL LG 02 J4	R1024117		146		R1024117																									
	R1022102		119		R1022102						R1024118		147		R1024118																									
	R1022103		120		R1022103						R1024119		148		R1024119																									
	R1022104		121		R1022104						R1024120		149		R1024120																									
	R1022105		122		R1022105						R1024121		150		R1024121																									
	R1022106		123		R1022106						R1024122		151		R1024122																									
	R1022107		124		R1022107						R1024123		152		R1024123																									
	R1022108		125		R1022108						R1024124		153		R1024124																									
	R1022109		126		R1022109						R1024125		154		R1024125																									
	R1022110		127		R1022110						R1024126		155		R1024126																									
	R1022111		128		R1022111						R1024127		156		R1024127																									
	R1022112		129		R1022112						R1024128		157		R1024128																									
	R1022113		130		R1022113						R1024129		158		R1024129																									
	R1022114		131		R1022114						R1024130		159		R1024130																									
	R1022115		132		R1022115						R1024131		160		R1024131																									
	NC		133		NC						NC		161		NC																									
.....J2										.....J4										.....J1										03-J1 (CONT'D)									
TO CONNECTOR	R1032100		117	JACK/UNIT	R1032100					TO CONNECTOR	R1032100		003	JACK/UNIT	R1032100																									
PANEL LG 03 J2	R1032101		118		R1032101					PANEL LG 03 J4	R1032101		004		R1032101																									
	R1032102		119		R1032102						R1032102		005		R1032102																									
	R1032103		120		R1032103						R1032103		006		R1032103																									
	R1032104		121		R1032104						R1032104		007		R1032104																									
	R1032105		122		R1032105						R1032105		008		R1032105																									
	R1032106		123		R1032106						R1032106		009		R1032106																									
	R1032107		124		R1032107						R1032107		010		R1032107																									
	R1032108		125		R1032108						R1032108		011		R1032108																									
	R1032109		126		R1032109						R1032109		012		R1032109																									
	R1032110		127		R1032110						R1032110		013		R1032110																									
	R1032111		128		R1032111						R1032111		014		R1032111																									
	R1032112		129		R1032112						R1032112																													

CAD 32
(CONT'D)

CAD 33
TIP/RING LG04

CAD 33
(CONT'D)

TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION			TO CONNECTION		FROM CONNECTION																		
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J3		03-J3			JACK/UNIT																									
TO CONNECTOR	R0033116			141	R0033116					TO CONNECTOR	R0041100			103	R0041100					TO CONNECTOR	R0043116			141	R0043116					
PANEL LG 03 J3	R0033117			142	R0033117					PANEL LG 04 J1	R0041101			104	R0041101					PANEL LG 04 J3	R0043117			142	R0043117					
	R0033118			143	R0033118						R0041102			105	R0041102						R0043118			143	R0043118					
	R0033119			144	R0033119						R0041103			106	R0041103							R0043119			144	R0043119				
	R0033120			145	R0033120						R0041104			107	R0041104							R0043120			145	R0043120				
	R0033121			146	R0033121						R0041105			108	R0041105							R0043121			146	R0043121				
	R0033122			147	R0033122						R0041106			109	R0041106							R0043122			147	R0043122				
	R0033123			148	R0033123						R0041107			110	R0041107							R0043123			148	R0043123				
	R0033124			149	R0033124						R0041108			111	R0041108							R0043124			149	R0043124				
	R0033125			150	R0033125						R0041109			112	R0041109							R0043125			150	R0043125				
	R0033126			151	R0033126						R0041110			113	R0041110							R0043126			151	R0043126				
	R0033127			152	R0033127						R0041111			114	R0041111							R0043127			152	R0043127				
	R0033128			153	R0033128						R0041112			115	R0041112							R0043128			153	R0043128				
	R0033129			154	R0033129						R0041113			116	R0041113							R0043129			154	R0043129				
	R0033130			155	R0033130						R0041114			117	R0041114							R0043130			155	R0043130				
	R0033131			156	R0033131						R0041115			118	R0041115							R0043131			156	R0043131				
	NC			157	NC						NC			119	NC						NC			157	NC					
.....J1		04-J1			JACK/UNIT																									
TO CONNECTOR	T0033016			041	T0033016					TO CONNECTOR	T0041000			003	T0041000					TO CONNECTOR	T0043016			041	T0043016					
PANEL LG 03 J3	T0033017			042	T0033017					PANEL LG 04 J1	T0041001			004	T0041001					PANEL LG 04 J3	T0043017			042	T0043017					
	T0033018			043	T0033018						T0041002			005	T0041002						T0043018			043	T0043018					
	T0033019			044	T0033019						T0041003			006	T0041003							T0043019			044	T0043019				
	T0033020			045	T0033020						T0041004			007	T0041004							T0043020			045	T0043020				
	T0033021			046	T0033021						T0041005			008	T0041005							T0043021			046	T0043021				
	T0033022			047	T0033022						T0041006			009	T0041006							T0043022			047	T0043022				
	T0033023			048	T0033023						T0041007			010	T0041007							T0043023			048	T0043023				
	T0033024			049	T0033024						T0041008			011	T0041008							T0043024			049	T0043024				
	T0033025			050	T0033025						T0041009			012	T0041009							T0043025			050	T0043025				
	T0033026			051	T0033026						T0041010			013	T0041010							T0043026			051	T0043026				
	T0033027			052	T0033027						T0041011			014	T0041011							T0043027			052	T0043027				
	T0033028			053	T0033028						T0041012			015	T0041012							T0043028			053	T0043028				
	T0033029			054	T0033029						T0041013			016	T0041013							T0043029			054	T0043029				
	T0033030			055	T0033030						T0041014			017	T0041014							T0043030			055	T0043030				
	T0033031			056	T0033031						T0041015			018	T0041015							T0043031			056	T0043031				
	NC			057	NC						NC			019	NC						NC			057	NC					
.....J4		03-J4			JACK/UNIT																									
TO CONNECTOR	R1034116			143	R1034116					TO CONNECTOR	R1042100			117	R1042100					TO CONNECTOR	R1044116			145	R1044116					
PANEL LG 03 J4	R1034117			146	R1034117					PANEL LG 04 J2	R1042101			118	R1042101					PANEL LG 04 J4	R1044117			146	R1044117					
	R1034118			147	R1034118						R1042102			119	R1042102						R1044118			147	R1044118					
	R1034119			148	R1034119						R1042103			120	R1042103							R1044119			148	R1044119				
	R1034120			149	R1034120						R1042104			121	R1042104							R1044120			149	R1044120				
	R1034121			150	R1034121						R1042105			122	R1042105							R1044121			150	R1044121				
	R1034122			151	R1034122						R1042106			123	R1042106							R1044122			151	R1044122				
	R1034123			152	R1034123						R1042107			124	R1042107							R1044123			152	R1044123				
	R1034124			153	R1034124						R1042108			125	R1042108							R1044124			153	R1044124				
	R1034125			154	R1034125						R1042109			126	R1042109							R1044125			154	R1044125				
	R1034126			155	R1034126						R1042110			127	R1042110							R1044126			155	R1044126				
	R1034127			156	R1034127						R1042111			128	R1042111							R1044127			156	R1044127				
	R1034128			157	R1034128						R1042112			129	R1042112							R1044128			157	R1044128				
	R1034129			158	R1034129						R1042113			130	R1042113							R1044129			158	R1044129				
	R1034130			159	R1034130						R1042114			131	R1042114							R1044130			159	R1044130				
	R1034131			160	R1034131						R1042115			132	R1042115							R1044131			160	R1044131				
	NC			161	NC						NC			133	NC						NC			161	NC					
.....J4		03-J4			JACK/UNIT																									
TO CONNECTOR	T1034016			045	T1034016					TO CONNECTOR	T1042000			017	T1042000					TO CONNECTOR	T1044116			145	T1044116					
PANEL LG 03 J4	T1034017			046																										

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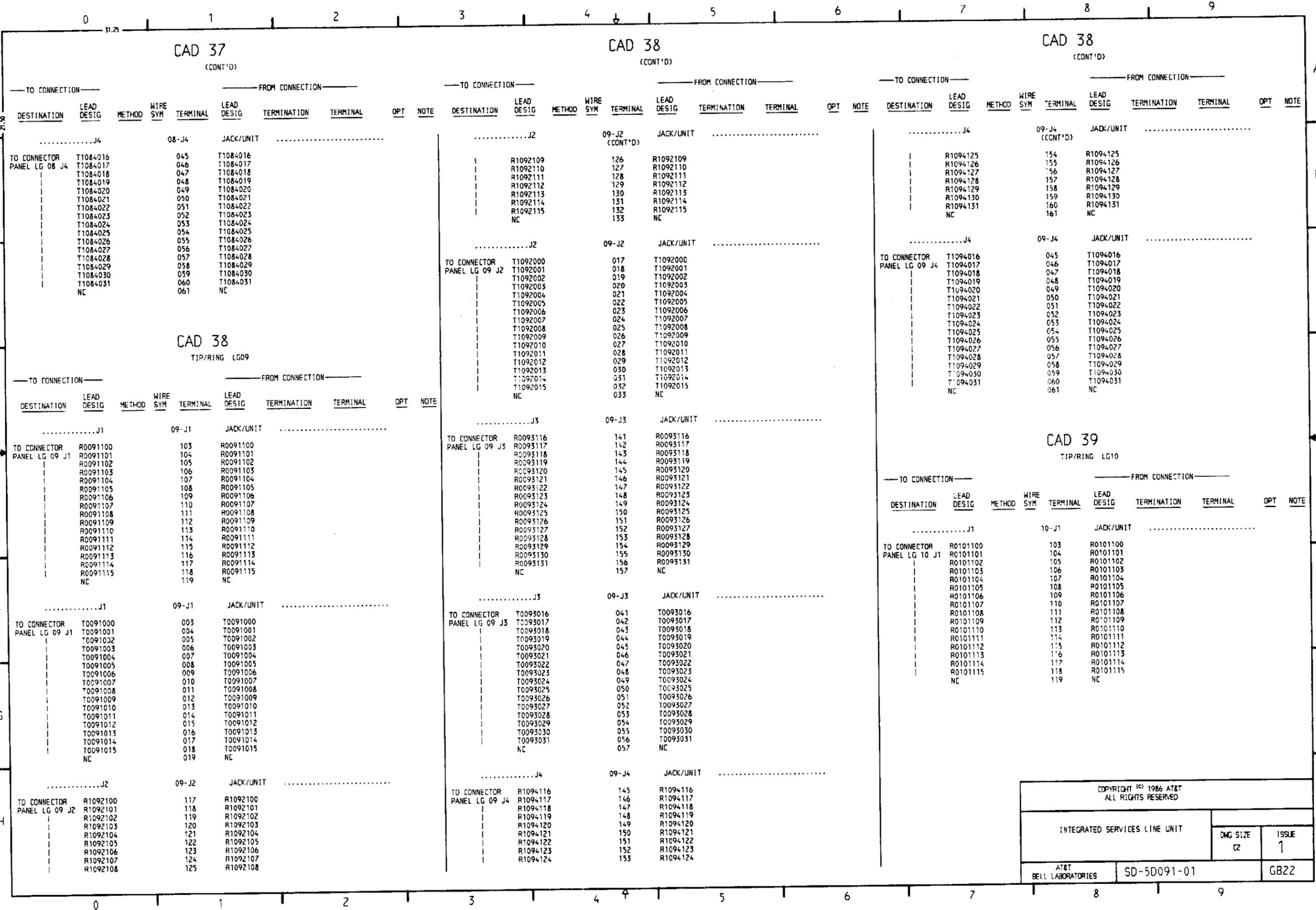
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TO CONNECTION										FROM CONNECTION										TO CONNECTION										FROM CONNECTION									
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE										
.....J1									J3									J1										07-J1 (CONT'D)									
TO CONNECTOR	T0061000			003	T0061000					TO CONNECTOR	T0063016			041	T0063016																								
PANEL LG 06 J1	T0061001			004	T0061001					PANEL LG 06 J3	T0063017			042	T0063017																								
	T0061002			005	T0061002						T0063018			043	T0063018																								
	T0061003			006	T0061003						T0063019			044	T0063019																								
	T0061004			007	T0061004						T0063020			045	T0063020																								
	T0061005			008	T0061005						T0063021			046	T0063021																								
	T0061006			009	T0061006						T0063022			047	T0063022																								
	T0061007			010	T0061007						T0063023			048	T0063023																								
	T0061008			011	T0061008						T0063024			049	T0063024																								
	T0061009			012	T0061009						T0063025			050	T0063025																								
	T0061010			013	T0061010						T0063026			051	T0063026																								
	T0061011			014	T0061011						T0063027			052	T0063027																								
	T0061012			015	T0061012						T0063028			053	T0063028																								
	T0061013			016	T0061013						T0063029			054	T0063029																								
	T0061014			017	T0061014						T0063030			055	T0063030																								
	T0061015			018	T0061015						T0063031			056	T0063031																								
	NC			019	NC						NC			057	NC																								
.....J2									J4									J1										07-J1									
TO CONNECTOR	R1062100			117	R1062100					TO CONNECTOR	R1064116			145	R1064116																								
PANEL LG 06 J2	R1062101			118	R1062101					PANEL LG 06 J4	R1064117			146	R1064117																								
	R1062102			119	R1062102						R1064118			147	R1064118																								
	R1062103			120	R1062103						R1064119			148	R1064119																								
	R1062104			121	R1062104						R1064120			149	R1064120																								
	R1062105			122	R1062105						R1064121			150	R1064121																								
	R1062106			123	R1062106						R1064122			151	R1064122																								
	R1062107			124	R1062107						R1064123			152	R1064123																								
	R1062108			125	R1062108						R1064124			153	R1064124																								
	R1062109			126	R1062109						R1064125			154	R1064125																								
	R1062110			127	R1062110						R1064126			155	R1064126																								
	R1062111			128	R1062111						R1064127			156	R1064127																								
	R1062112			129	R1062112						R1064128			157	R1064128																								
	R1062113			130	R1062113						R1064129			158	R1064129																								
	R1062114			131	R1062114						R1064130			159	R1064130																								
	R1062115			132	R1062115						R1064131			160	R1064131																								
	NC			133	NC						NC			161	NC																								
.....J2									J4									J2										07-J2									
TO CONNECTOR	T1062000			017	T1062000					TO CONNECTOR	T1064016			045	T1064016																								
PANEL LG 06 J2	T1062001			018	T1062001					PANEL LG 06 J4	T1064017			046	T1064017																								
	T1062002			019	T1062002						T1064018			047	T1064018																								
	T1062003			020	T1062003						T1064019			048	T1064019																								
	T1062004			021	T1062004						T1064020			049	T1064020																								
	T1062005			022	T1062005						T1064021			050	T1064021																								
	T1062006			023	T1062006						T1064022			051	T1064022																								
	T1062007			024	T1062007						T1064023			052	T1064023																								
	T1062008			025	T1062008						T1064024			053	T1064024																								
	T1062009			026	T1062009						T1064025			054	T1064025																								
	T1062010			027	T1062010						T1064026			055	T1064026																								
	T1062011			028	T1062011						T1064027			056	T1064027																								
	T1062012			029	T1062012						T1064028			057	T1064028																								
	T1062013			030	T1062013						T1064029			058	T1064029																								
	T1062014			031	T1062014						T1064030			059	T1064030																								
	T1062015			032	T1062015						T1064031			060	T1064031																								
	NC			033	NC						NC			061	NC																								
.....J2									J2									J2										07-J2									
TO CONNECTOR	R1072100			117	R1072100					TO CONNECTOR	R1072100			117	R1072100																								
PANEL LG 07 J2	R1072101			118	R1072101					PANEL LG 07 J2	R1072101			118	R1072101																								
	R1072102			119	R1072102						R1072102			119	R1072102																								
	R1072103			120	R1072103						R1072103			120	R1072103																								
	R1072104			121	R1072104						R1072104			121	R1072104																								
	R1072105			122	R1072105						R1072105			122	R1072105																								
	R1072106			123	R1072106					</																													

CAD 36 (CONT'D)										CAD 37 TIP/RING LG08										CAD 37 (CONT'D)										
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	
.....J3										.....J1										.....J3										
TO CONNECTOR	R0073116			141	R0073116					TO CONNECTOR	R0081100			103	R0081100					TO CONNECTOR	R0083116			141	R0083116					
PANEL LG 07 J3	R0073117			142	R0073117					PANEL LG 08 J1	R0081101			104	R0081101					PANEL LG 08 J3	R0083117			142	R0083117					
	R0073118			143	R0073118						R0081102			105	R0081102						R0083118			143	R0083118					
	R0073119			144	R0073119						R0081103			106	R0081103							R0083119			144	R0083119				
	R0073120			145	R0073120						R0081104			107	R0081104							R0083120			145	R0083120				
	R0073121			146	R0073121						R0081105			108	R0081105							R0083121			146	R0083121				
	R0073122			147	R0073122						R0081106			109	R0081106							R0083122			147	R0083122				
	R0073123			148	R0073123						R0081107			110	R0081107							R0083123			148	R0083123				
	R0073124			149	R0073124						R0081108			111	R0081108							R0083124			149	R0083124				
	R0073125			150	R0073125						R0081109			112	R0081109							R0083125			150	R0083125				
	R0073126			151	R0073126						R0081110			113	R0081110							R0083126			151	R0083126				
	R0073127			152	R0073127						R0081111			114	R0081111							R0083127			152	R0083127				
	R0073128			153	R0073128						R0081112			115	R0081112							R0083128			153	R0083128				
	R0073129			154	R0073129						R0081113			116	R0081113							R0083129			154	R0083129				
	R0073130			155	R0073130						R0081114			117	R0081114							R0083130			155	R0083130				
	R0073131			156	R0073131						R0081115			118	R0081115							R0083131			156	R0083131				
	NC			157	NC						NC			119	NC						NC			157	NC					
.....J3										.....J1										.....J3										
TO CONNECTOR	T0073016			041	T0073016					TO CONNECTOR	T0081000			003	T0081000					TO CONNECTOR	T0083016			041	T0083016					
PANEL LG 07 J3	T0073017			042	T0073017					PANEL LG 08 J1	T0081001			004	T0081001					PANEL LG 08 J3	T0083017			042	T0083017					
	T0073018			043	T0073018						T0081002			005	T0081002						T0083018			043	T0083018					
	T0073019			044	T0073019						T0081003			006	T0081003							T0083019			044	T0083019				
	T0073020			045	T0073020						T0081004			007	T0081004							T0083020			045	T0083020				
	T0073021			046	T0073021						T0081005			008	T0081005							T0083021			046	T0083021				
	T0073022			047	T0073022						T0081006			009	T0081006							T0083022			047	T0083022				
	T0073023			048	T0073023						T0081007			010	T0081007							T0083023			048	T0083023				
	T0073024			049	T0073024						T0081008			011	T0081008							T0083024			049	T0083024				
	T0073025			050	T0073025						T0081009			012	T0081009							T0083025			050	T0083025				
	T0073026			051	T0073026						T0081010			013	T0081010							T0083026			051	T0083026				
	T0073027			052	T0073027						T0081011			014	T0081011							T0083027			052	T0083027				
	T0073028			053	T0073028						T0081012			015	T0081012							T0083028			053	T0083028				
	T0073029			054	T0073029						T0081013			016	T0081013							T0083029			054	T0083029				
	T0073030			055	T0073030						T0081014			017	T0081014							T0083030			055	T0083030				
	T0073031			056	T0073031						T0081015			018	T0081015							T0083031			056	T0083031				
	NC			057	NC						NC			019	NC						NC			057	NC					
.....J4										.....J2										.....J4										
TO CONNECTOR	R1074116			145	R1074116					TO CONNECTOR	R1082100			117	R1082100					TO CONNECTOR	R1084116			145	R1084116					
PANEL LG 07 J4	R1074117			146	R1074117					PANEL LG 08 J2	R1082101			118	R1082101					PANEL LG 08 J4	R1084117			146	R1084117					
	R1074118			147	R1074118						R1082102			119	R1082102						R1084118			147	R1084118					
	R1074119			148	R1074119						R1082103			120	R1082103							R1084119			148	R1084119				
	R1074120			149	R1074120						R1082104			121	R1082104							R1084120			149	R1084120				
	R1074121			150	R1074121						R1082105			122	R1082105							R1084121			150	R1084121				
	R1074122			151	R1074122						R1082106			123	R1082106							R1084122			151	R1084122				
	R1074123			152	R1074123						R1082107			124	R1082107							R1084123			152	R1084123				
	R1074124			153	R1074124						R1082108			125	R1082108							R1084124			153	R1084124				
	R1074125			154	R1074125						R1082109			126	R1082109							R1084125			154	R1084125				
	R1074126			155	R1074126						R1082110			127	R1082110							R1084126			155	R1084126				
	R1074127			156	R1074127						R1082111			128	R1082111							R1084127			156	R1084127				
	R1074128			157	R1074128						R1082112			129	R1082112							R1084128			157	R1084128				
	R1074129			158	R1074129						R1082113			130	R1082113							R1084129			158	R1084129				
	R1074130			159	R1074130						R1082114			131	R1082114							R1084130			159	R1084130				
	R1074131			160	R1074131						R1082115			132	R1082115							R1084131			160	R1084131				
	NC			161	NC						NC			133	NC						NC			161	NC					
.....J4										.....J2										.....J4										
TO CONNECTOR	T1074016			045	T1074016					TO CONNECTOR	T1082000			017	T1082000					TO CONNECTOR	T1084016			045	T1084016					
PANEL LG 07 J4	T1074017			046	T1074017					PANEL LG 08 J2	T1082001			018	T1082001					PANEL LG 08 J4	T1084017			046	T1					



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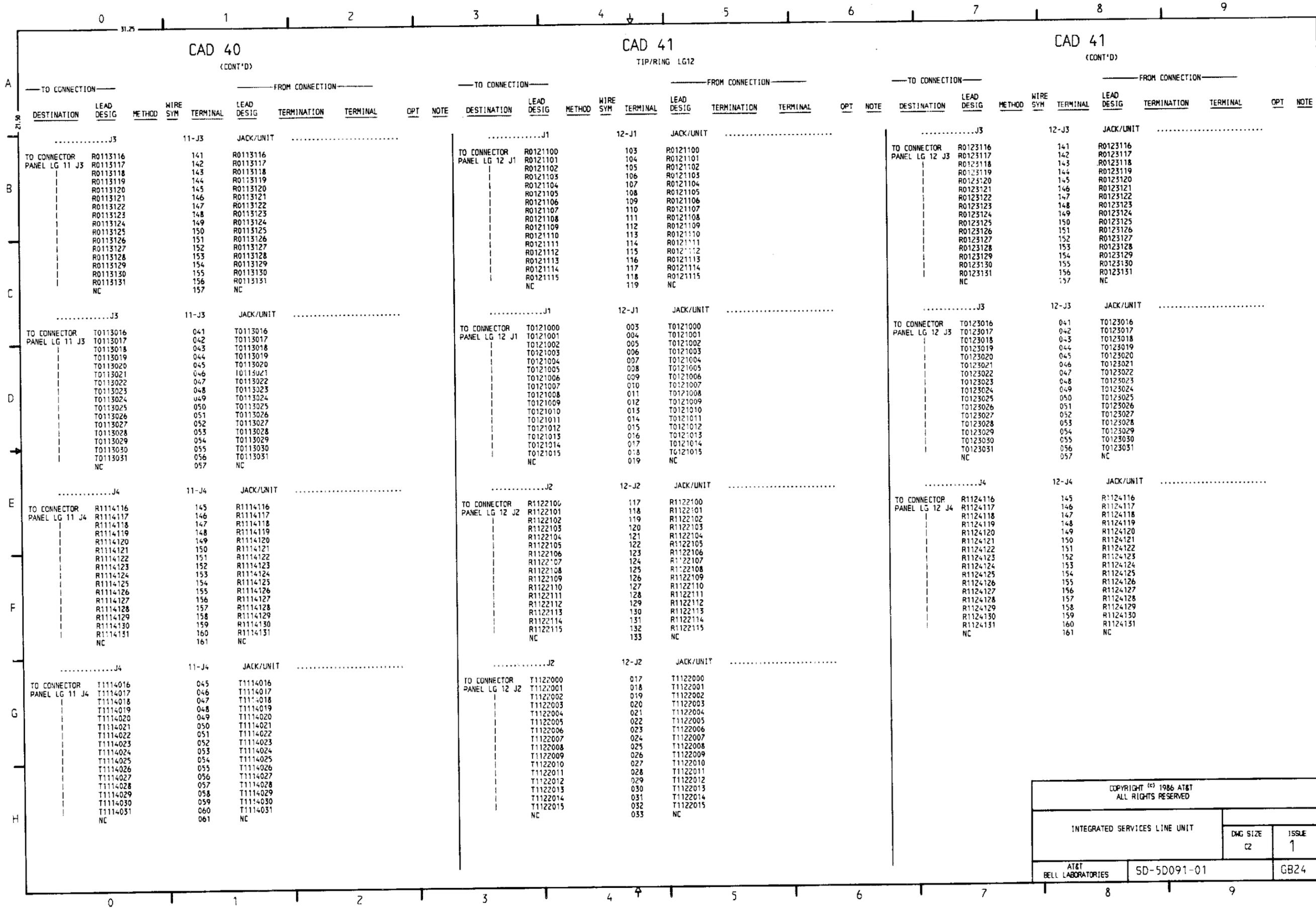
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CAD 38
TIP/RING LG09

CAD 39
TIP/RING LG10

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INTEGRATED SERVICES LINE UNIT		DWG SIZE C2
AT&T BELL LABORATORIES		ISSUE 1
SD-50091-01		GB22



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(CONT'D)

CAD 41

TIP/RING LG12

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(CONT'D)

TO CONNECTION				FROM CONNECTION				TO CONNECTION				FROM CONNECTION																			
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE		
TO CONNECTOR				J3				11-J3				JACK/UNIT																			
PANEL LG 11 J3	R0113116			141	R0113116																										
	R0113117			142	R0113117																										
	R0113118			143	R0113118																										
	R0113119			144	R0113119																										
	R0113120			145	R0113120																										
	R0113121			146	R0113121																										
	R0113122			147	R0113122																										
	R0113123			148	R0113123																										
	R0113124			149	R0113124																										
	R0113125			150	R0113125																										
	R0113126			151	R0113126																										
	R0113127			152	R0113127																										
	R0113128			153	R0113128																										
	R0113129			154	R0113129																										
	R0113130			155	R0113130																										
	R0113131			156	R0113131																										
	NC			157	NC																										
TO CONNECTOR				J1				12-J1				JACK/UNIT																			
PANEL LG 12 J1	R0121100			103	R0121100																										
	R0121101			104	R0121101																										
	R0121102			105	R0121102																										
	R0121103			106	R0121103																										
	R0121104			107	R0121104																										
	R0121105			108	R0121105																										
	R0121106			109	R0121106																										
	R0121107			110	R0121107																										
	R0121108			111	R0121108																										
	R0121109			112	R0121109																										
	R0121110			113	R0121110																										
	R0121111			114	R0121111																										
	R0121112			115	R0121112																										
	R0121113			116	R0121113																										
	R0121114			117	R0121114																										
	R0121115			118	R0121115																										
	NC			119	NC																										
TO CONNECTOR				J3				12-J3				JACK/UNIT																			
PANEL LG 12 J3	R0123116			141	R0123116																										
	R0123117			142	R0123117																										
	R0123118			143	R0123118																										
	R0123119			144	R0123119																										
	R0123120			145	R0123120																										
	R0123121			146	R0123121																										
	R0123122			147	R0123122																										
	R0123123			148	R0123123																										
	R0123124			149	R0123124																										
	R0123125			150	R0123125																										
	R0123126			151	R0123126																										
	R0123127			152	R0123127																										
	R0123128			153	R0123128																										
	R0123129			154	R0123129																										
	R0123130			155	R0123130																										
	R0123131			156	R0123131																										
	NC			157	NC																										
TO CONNECTOR				J3				12-J3				JACK/UNIT																			
PANEL LG 12 J3	T0123016			041	T0123016																										
	T0123017			042	T0123017																										
	T0123018			043	T0123018																										
	T0123019			044	T0123019																										
	T0123020			045	T0123020																										
	T0123021			046	T0123021																										
	T0123022			047	T0123022																										
	T0123023			048	T0123023																										
	T0123024			049	T0123024																										
	T0123025			050	T0123025																										
	T0123026			051	T0123026																										

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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J4				12-J4	JACK/UNIT				
TO CONNECTOR	T1124016			045	T1124016				
PANEL LG 12 J4	T1124017			046	T1124017				
	T1124018			047	T1124018				
	T1124019			048	T1124019				
	T1124020			049	T1124020				
	T1124021			050	T1124021				
	T1124022			051	T1124022				
	T1124023			052	T1124023				
	T1124024			053	T1124024				
	T1124025			054	T1124025				
	T1124026			055	T1124026				
	T1124027			056	T1124027				
	T1124028			057	T1124028				
	T1124029			058	T1124029				
	T1124030			059	T1124030				
	T1124031			060	T1124031				
	NC			061	NC				

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TIP/RING LG13

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				13-J1	JACK/UNIT				
TO CONNECTOR	R0131100			103	R0131100				
PANEL LG 13 J1	R0131101			104	R0131101				
	R0131102			105	R0131102				
	R0131103			106	R0131103				
	R0131104			107	R0131104				
	R0131105			108	R0131105				
	R0131106			109	R0131106				
	R0131107			110	R0131107				
	R0131108			111	R0131108				
	R0131109			112	R0131109				
	R0131110			113	R0131110				
	R0131111			114	R0131111				
	R0131112			115	R0131112				
	R0131113			116	R0131113				
	R0131114			117	R0131114				
	R0131115			118	R0131115				
	NC			119	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J1				13-J1	JACK/UNIT				
TO CONNECTOR	T0131000			003	T0131000				
PANEL LG 13 J1	T0131001			004	T0131001				
	T0131002			005	T0131002				
	T0131003			006	T0131003				
	T0131004			007	T0131004				
	T0131005			008	T0131005				
	T0131006			009	T0131006				
	T0131007			010	T0131007				
	T0131008			011	T0131008				
	T0131009			012	T0131009				
	T0131010			013	T0131010				
	T0131011			014	T0131011				
	T0131012			015	T0131012				
	T0131013			016	T0131013				
	T0131014			017	T0131014				
	T0131015			018	T0131015				
	NC			019	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J2				13-J2	JACK/UNIT				
TO CONNECTOR	R1132100			117	R1132100				
PANEL LG 13 J2	R1132101			118	R1132101				
	R1132102			119	R1132102				
	R1132103			120	R1132103				
	R1132104			121	R1132104				
	R1132105			122	R1132105				
	R1132106			123	R1132106				
	R1132107			124	R1132107				
	R1132108			125	R1132108				

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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J2				13-J2	JACK/UNIT				
	R1132109			126	R1132109				
	R1132110			127	R1132110				
	R1132111			128	R1132111				
	R1132112			129	R1132112				
	R1132113			130	R1132113				
	R1132114			131	R1132114				
	R1132115			132	R1132115				
	NC			133	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J2				13-J2	JACK/UNIT				
TO CONNECTOR	T1132000			017	T1132000				
PANEL LG 13 J2	T1132001			018	T1132001				
	T1132002			019	T1132002				
	T1132003			020	T1132003				
	T1132004			021	T1132004				
	T1132005			022	T1132005				
	T1132006			023	T1132006				
	T1132007			024	T1132007				
	T1132008			025	T1132008				
	T1132009			026	T1132009				
	T1132010			027	T1132010				
	T1132011			028	T1132011				
	T1132012			029	T1132012				
	T1132013			030	T1132013				
	T1132014			031	T1132014				
	T1132015			032	T1132015				
	NC			033	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3				13-J3	JACK/UNIT				
TO CONNECTOR	R0133116			141	R0133116				
PANEL LG 13 J3	R0133117			142	R0133117				
	R0133118			143	R0133118				
	R0133119			144	R0133119				
	R0133120			145	R0133120				
	R0133121			146	R0133121				
	R0133122			147	R0133122				
	R0133123			148	R0133123				
	R0133124			149	R0133124				
	R0133125			150	R0133125				
	R0133126			151	R0133126				
	R0133127			152	R0133127				
	R0133128			153	R0133128				
	R0133129			154	R0133129				
	R0133130			155	R0133130				
	R0133131			156	R0133131				
	NC			157	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J3				13-J3	JACK/UNIT				
TO CONNECTOR	T0133016			041	T0133016				
PANEL LG 13 J3	T0133017			042	T0133017				
	T0133018			043	T0133018				
	T0133019			044	T0133019				
	T0133020			045	T0133020				
	T0133021			046	T0133021				
	T0133022			047	T0133022				
	T0133023			048	T0133023				
	T0133024			049	T0133024				
	T0133025			050	T0133025				
	T0133026			051	T0133026				
	T0133027			052	T0133027				
	T0133028			053	T0133028				
	T0133029			054	T0133029				
	T0133030			055	T0133030				
	T0133031			056	T0133031				
	NC			057	NC				

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....J4				13-J4	JACK/UNIT				
TO CONNECTOR	R1134116			145	R1134116				
PANEL LG 13 J4	R1134117			146	R1134117				
	R1134118			147	R1134118				
	R1134119			148	R1134119				
	R1134120			149	R1134120				
	R1134121			150	R1134121				
	R1134122			151	R1134122				
	R1134123			152	R1134123				
	R1134124			153	R				

CAD 43 (CONT'D)										CAD 43 (CONT'D)										CAD 44 (CONT'D)									
TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION					TO CONNECTION					FROM CONNECTION				
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE	DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL	OPT	NOTE
.....J1										.....J3										.....J1									
TO CONNECTOR T0141000										TO CONNECTOR T0143016										TO CONNECTOR R0151109									
PANEL LG 14 J1 T0141001										PANEL LG 14 J3 T0143017										PANEL LG 15 J1 T0151000									
T0141002										T0143018										T0151001									
T0141003										T0143019										T0151002									
T0141004										T0143020										T0151003									
T0141005										T0143021										T0151004									
T0141006										T0143022										T0151005									
T0141007										T0143023										T0151006									
T0141008										T0143024										T0151007									
T0141009										T0143025										T0151008									
T0141010										T0143026										T0151009									
T0141011										T0143027										T0151010									
T0141012										T0143028										T0151011									
T0141013										T0143029										T0151012									
T0141014										T0143030										T0151013									
T0141015										T0143031										T0151014									
NC										NC										NC									
.....J2										.....J4										.....J2									
TO CONNECTOR R1142100										TO CONNECTOR R1144116										TO CONNECTOR R1152100									
PANEL LG 14 J2 R1142101										PANEL LG 14 J4 R1144117										PANEL LG 15 J2 R1152101									
R1142102										R1144118										R1152102									
R1142103										R1144119										R1152103									
R1142104										R1144120										R1152104									
R1142105										R1144121										R1152105									
R1142106										R1144122										R1152106									
R1142107										R1144123										R1152107									
R1142108										R1144124										R1152108									
R1142109										R1144125										R1152109									
R1142110										R1144126										R1152110									
R1142111										R1144127										R1152111									
R1142112										R1144128										R1152112									
R1142113										R1144129										R1152113									
R1142114										R1144130										R1152114									
R1142115										R1144131										R1152115									
NC										NC										NC									
.....J2										.....J4										.....J2									
TO CONNECTOR T1142000										TO CONNECTOR T1144016										TO CONNECTOR T1152000									
PANEL LG 14 J2 T1142001										PANEL LG 14 J4 T1144017										PANEL LG 15 J2 T1152001									
T1142002										T1144018										T1152002									
T1142003										T1144019										T1152003									
T1142004										T1144020										T1152004									
T1142005										T1144021										T1152005									
T1142006										T1144022										T1152006									
T1142007										T1144023										T1152007									
T1142008										T1144024										T1152008									
T1142009										T1144025										T1152009									
T1142010										T1144026										T1152010									
T1142011										T1144027										T1152011									
T1142012										T1144028										T1152012									
T1142013										T1144029										T1152013									
T1142014										T1144030										T1152014									
T1142015										T1144031										T1152015									
NC										NC										NC									
.....J3										.....J1										.....J2									
TO CONNECTOR R0143116										TO CONNECTOR R0151100										TO CONNECTOR T1152000									
PANEL LG 14 J3 R0143117										PANEL LG 15 J1 R0151101										PANEL LG 15 J2 T1152001									
R0143118										R0151102										T1152002									
R0143119										R0151103										T1152003									
R0143120										R0151104										T1152004									
R0143121										R0151105										T1152005									
R0143122										R0151106										T1152006									
R0143123										R0151107										T1152007									
R0143124										R0151108										T1152008									
R0143125										R0151109										T1152009									
R0143126										R0151110										T1152010									
R0143127										R0151111										T1152011									
R0143128										R0151112										T1152012									
R0143129										R0151113										T1152013									
R0143130										R0151114										T1152014									
R0143131										R0151115										T1152015									
NC										NC										NC									

CAD 44
TIP/RING LC15

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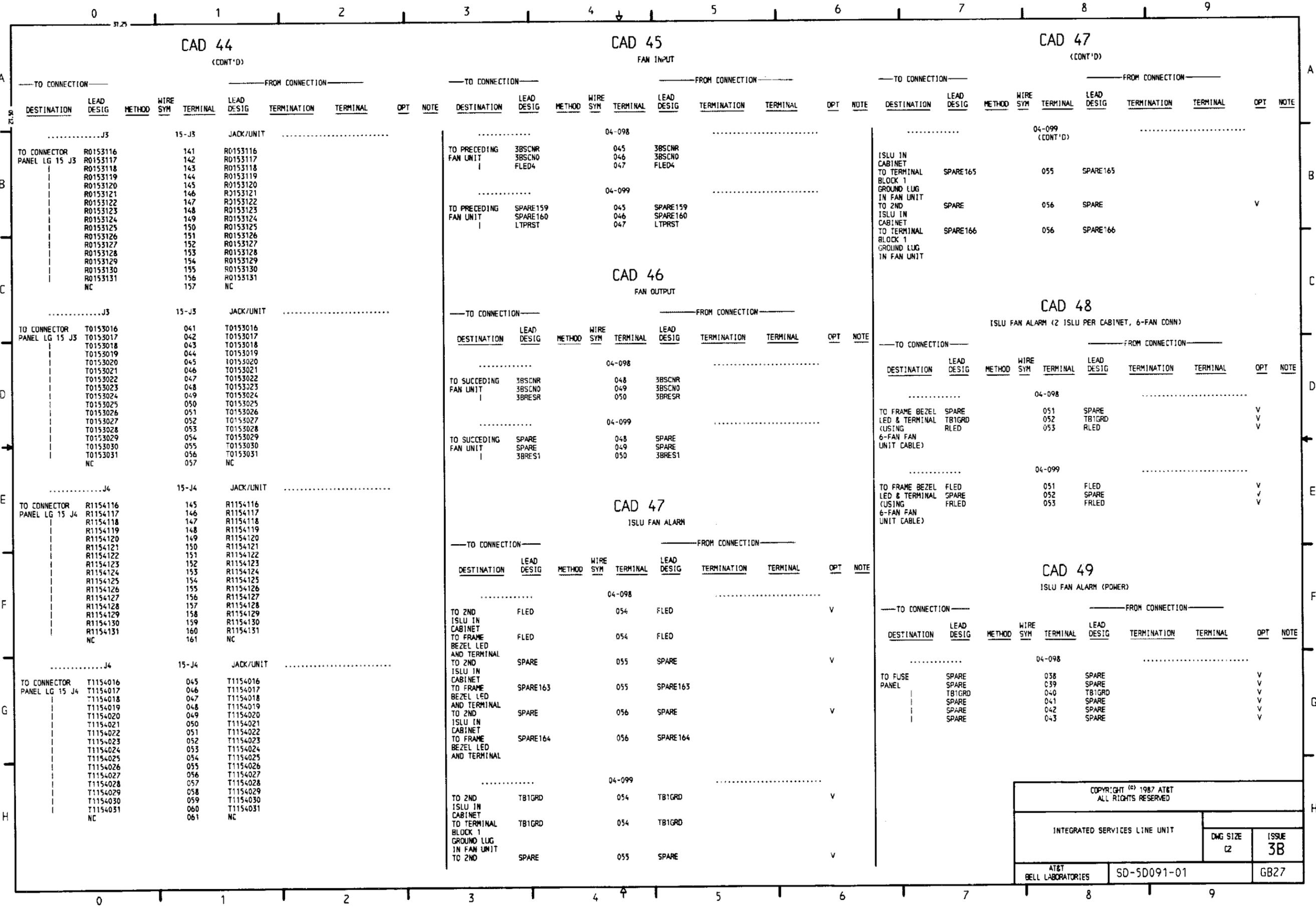
AT&T BELL LABORATORIES

SD-5D091-01

DWG SIZE: 2

ISSUE: 1

GB26



CAD 44
(CONT'D)

CAD 45
FAN INPUT

CAD 47
(CONT'D)

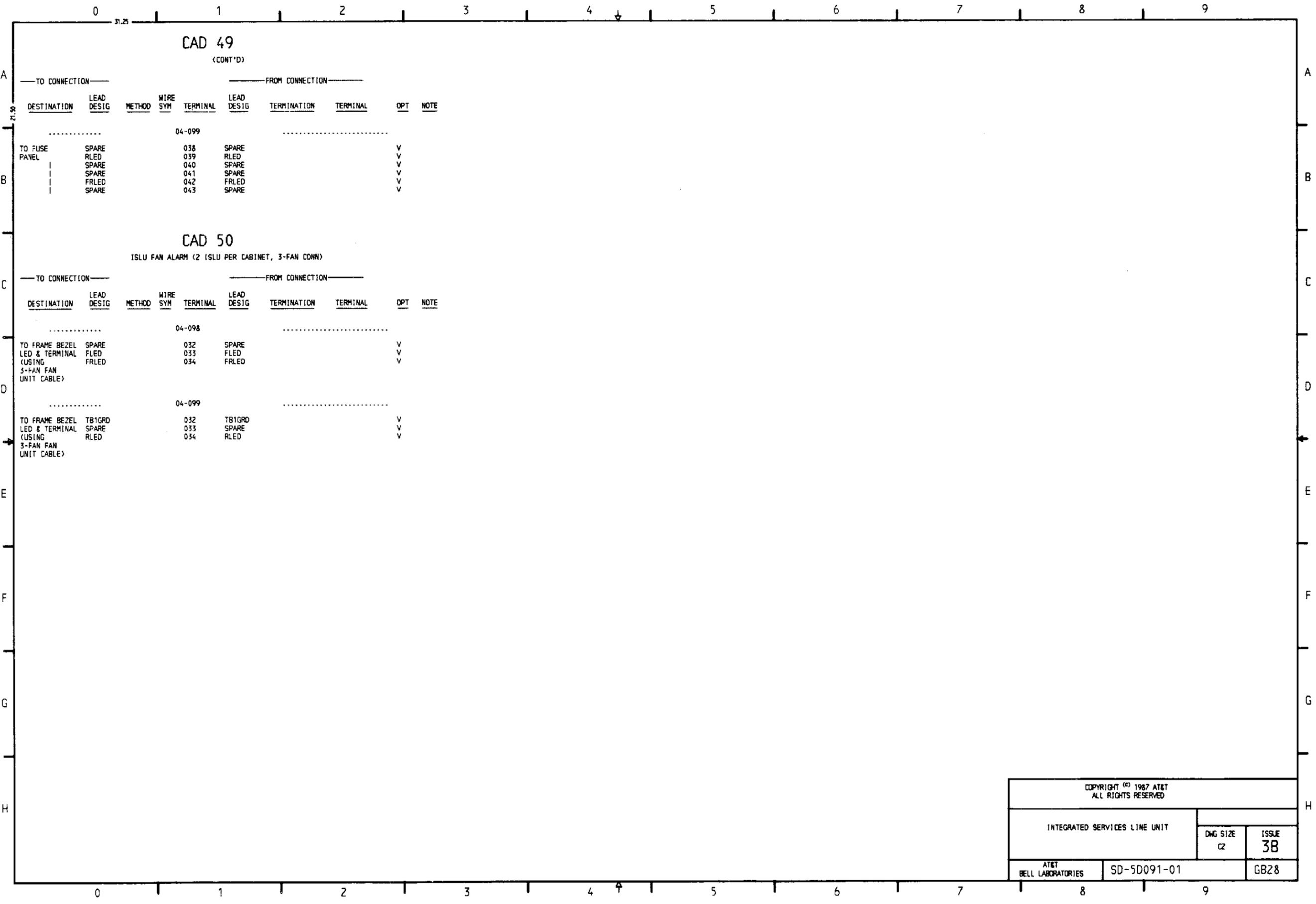
CAD 46
FAN OUTPUT

CAD 48
ISLU FAN ALARM (2 ISLU PER CABINET, 6-FAN CONN)

CAD 47
ISLU FAN ALARM

CAD 49
ISLU FAN ALARM (POWER)

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		ISSUE 3B
AT&T BELL LABORATORIES	SD-5D091-01	GB27



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(CONT'D)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....				04-099					
TO FUSE PANEL	SPARE			038	SPARE			V	
	RLED			039	RLED			V	
	SPARE			040	SPARE			V	
	SPARE			041	SPARE			V	
	FRLED			042	FRLED			V	
	SPARE			043	SPARE			V	

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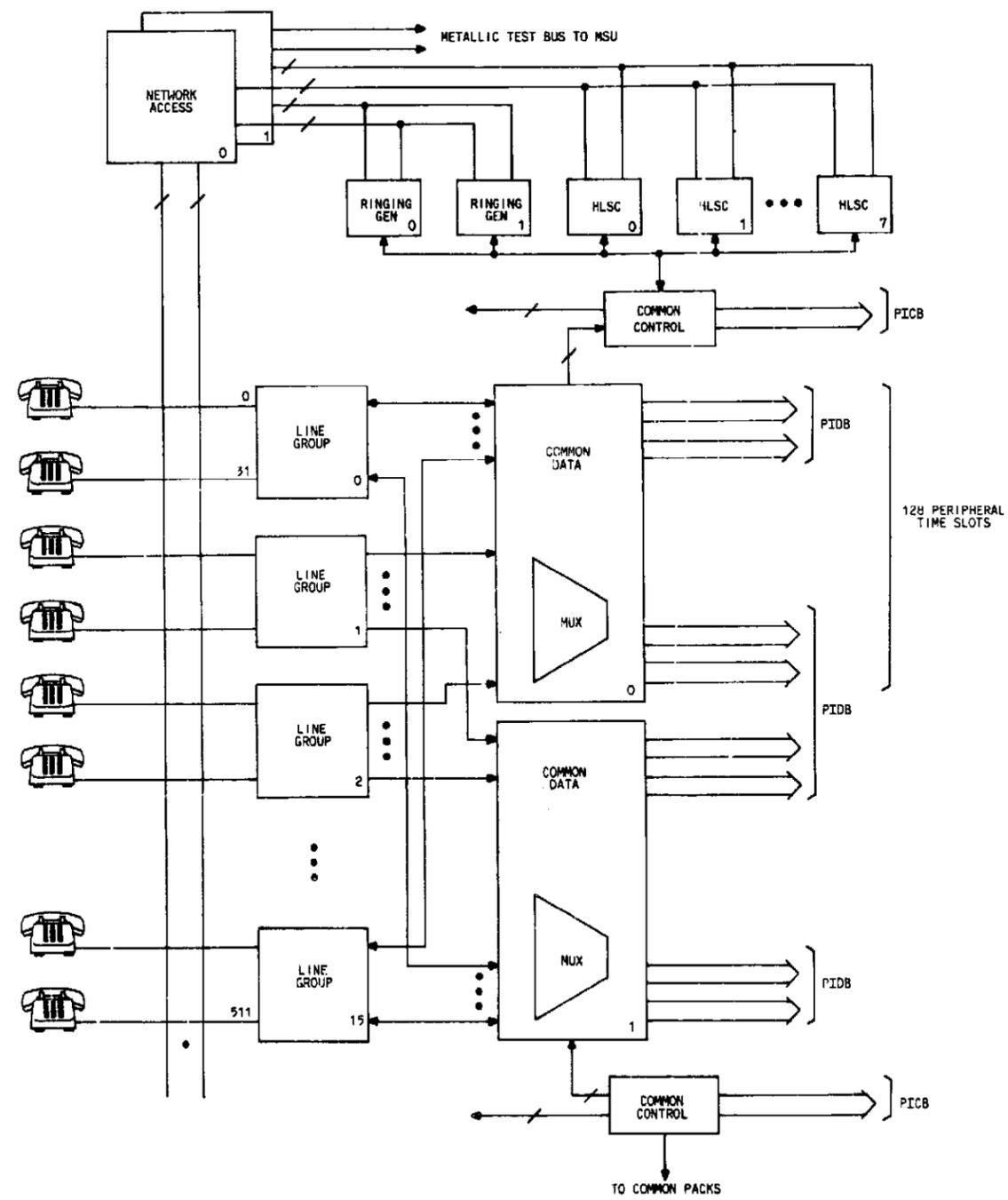
ISLU FAN ALARM (2 ISLU PER CABINET, 3-FAN CONN)

TO CONNECTION				FROM CONNECTION				OPT	NOTE
DESTINATION	LEAD DESIG	METHOD	WIRE SYM	TERMINAL	LEAD DESIG	TERMINATION	TERMINAL		
.....				04-098					
TO FRAME BEZEL LED & TERMINAL (USING 3-FAN FAN UNIT CABLE)	SPARE			032	SPARE			V	
	FLED			033	FLED			V	
	FRLED			034	FRLED			V	
.....				04-099					
TO FRAME BEZEL LED & TERMINAL (USING 3-FAN FAN UNIT CABLE)	TB1GRD			032	TB1GRD			V	
	SPARE			033	SPARE			V	
	RLED			034	RLED			V	

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ISLU BLOCK DIAGRAM



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		88	1
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