

ISSUE NOTES (CONTINUED)				
<p>-----TAG H8672----- (H8672) CAB2000 SOFTWARE UPDATED TO VERSION 1.41A, RELEASE 72. ENGINEERING NOTE 52- SK. J ADDED. ENGINEERING NOTE 57 ADDED. ENGINEERING NOTE 58 ADDED. SHEET B1- SHEET NOTE 1 ADDED. SHEET B2- SHEET NOTE 1 ADDED. SHEET B3- SHEET NOTE 1 ADDED. SHEET B10- SK. J ADDED. SHEET B15- FIGURES 36A (PSU2) AND 36B (XCDU) ADDED. SHEET B21- NOTE 2 ADDED. SHEET B27- FIG. 49- DIMENSIONS ADDED TO "CLEAN-DUCT" CROSS-AISLE CABLE TROUGH. FIBER, POWER, AND SWBD TROUGH DETAIL ADDED TO CABLE RACK. SHEETS B28 THRU B36 ADDED TO DEPICT BACKPLANE CABLE PORT LOCATIONS FOR AIU, PSU, PSU2, OXU. SHEETS B1 TO B36 REFORMATTED FOR TITLE BOX.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: ME		
DRAFT: JJW	ENGR: JJW	SUPV:	CERTIFIED: 02/02/00	ISSUE: 15
<p>(H09040) ADDED OXU CABLE ROUTING INFO TO GRPH SHT B15, FIG 33A. ADDED OXU TO ENG NOTE 52, FIG 33A. MODIFIED ENG NOTE 52, FIG 52 TO READ OXU.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JJW	ENGR: JJW	SUPV:	CERTIFIED: 08/17/00	ISSUE: 16
<p>(H090112) GRPH SHTS B3, B28, B29 AND B30 RMV'D REF TO CABLE TRAYS.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JJW	ENGR: JJW	SUPV:	CERTIFIED: 08/29/00	ISSUE: 17
<p>-----TAG H09252(JJW)----- (ISSUE 18) ADDED GRAPHIC SHEET E1 TO DRAWING FOR DPIDB CABLE ROUTING FOR PSU, PSU2, IDCU AND AIU. CORRECTED GRAPHIC SHEETS B34 AND B35 FOR AIU DIMENSIONS. IN ENG NOTE 52 ADDED REFER TO GRAPHIC SHEET E1.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JJW	ENGR: JJW	SUPV:	CERTIFIED: 02/09/01	ISSUE: 18

ISSUE NOTES (CONTINUED)				
<p>IN ENGINEERING NOTE 52: REMOVED REFERENCE TO LU4; ON SHEET B10 IN GRAPHICS: REMOVED FIG. 20A FOR LU4.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JVB	ENGR: JVB	SUPV:	CERTIFIED: 03/23/95	ISSUE: 10
<p>INFORMATION FOR SMPU5 AND TSIU4-2 ADDED, ALSO FIG.33 & FIG.34 ADDED FOR AIU.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 10/03/96	ISSUE: 11
<p>(H8021) REMOVE SHEETS B24 AND B25. ADD NEW SHEET B3 AND RENUMBER REMAINING SHEETS B4 THRU B24. FIG'S 3 THRU 48 WERE FIG'S 1B THRU 34 RESPECTIVELY. FIG 5 ON SHEET B3 IS NEW. ENG NOTE 52 CHANGED ACCORDINGLY.</p>				
ORIG ISS: 02/11/93		NDD NBR: NDD5D825NW-1 CHANGE CLASS: ME		
DRAFT: EDH	ENGR: EDH	SUPV:	CERTIFIED: 01/15/97	ISSUE: 12
<p>NOTE 55 ADDED. GRAPHICS CHANGES: SHEET B12, "J5D003FN-1" WAS "J5D003FH-1" ON FIG 19; SHEET B16, REFERENCE TO CABLE DRESSING GUIDELINES ADDED; SHEET B17, "J5D003FJ-1" WAS "J5D003AU-2" ON FIG 39; SHEET B18, "J5D003FJ-1" WAS "J5D003AU-2" AND THE FAN UNIT WAS MOVED FROM LEVEL 11 TO LEVEL 36 ON FIG 41; AND SHEET B25 ADDED. (H8216)</p>				
ORIG ISS: 02/11/93		NDD NBR: NDD5D734NW-21 CHANGE CLASS: ME		
DRAFT: EDH	ENGR: EDH	SUPV:	CERTIFIED: 09/05/97	ISSUE: 13
<p>(H8408) CHANGED NOTE 1 [B] ON PAGE B16 - FROM EQL 098 AND 099 TO 092 AND 093 RESPECTIVELY, AND UPDATED EN 55 WITH SAME CHANGES. ENG NOTE 56 ADDED. FIG 44A, 44B, 44C AND 44D ADDED TO ENG NOTE 52. FIG 44A ADDED ON NEW SHEET B21 AND FIGS 44B, 44C, 44D ADDED TO NEW SHEET B22. SHEETS B21 THRU B25 RENUMBERED B22 THRU B27.</p>				
ORIG ISS: 02/11/93		NDD NBR: NDD5D867NW-2 CHANGE CLASS: NEW		
DRAFT: WJV	ENGR: WJV	SUPV:	CERTIFIED: 09/29/98	ISSUE: 14

ISSUE NOTES				
ORIG ISS: 02/11/93		CHANGE CLASS: NEW		
DRAFT: HZP	ENGR: HZP	SUPV: PK	CERTIFIED: 02/11/93	ISSUE: 1
<p>FIG.25 FUSE & ALM RUNS CHGD.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: ME		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 03/05/93	ISSUE: 2
<p>FIG.8 J5D003AR READ J5D003AS; FIG.11A J5D003FF READ J5D003BA. FIG.9,10,17,18,21,23,24 REVISED. FIG.13A & 14A ADDED.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: ME		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 11/02/93	ISSUE: 3
<p>SK.A & B IN FIG.6 RMVD. SK. F ADDED IN FIG.6, ALSO VIEW BB REDESIGNED. VIEW AA REDESIGNED FOR FIG.3,4 & 5. DRAWING TITLE READ METHOD OF CABLING FOR SM2000 INTRA-CABINET CABLES. FIG. 10A WAS FIG.10; NEW FIG.10 ADDED FOR DLTU. FIG.25 BECAME FIG.27; FIG.25 READ FIG. ; FIG.26 & 26A ADDED FOR MCTU2. FIG.28 ADDED. EN 52 ADDED.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: ME		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 02/14/94	ISSUE: 4
<p>ENG. NOTE 51 ADDED; FIG. ADDED FOR DX/STIS LINK CABLES.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 08/01/94	ISSUE: 5
<p>ADDED METHOD OF CABLING FOR TRCU2 TO TSIU4 FOR SMC2000.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: MF		
DRAFT: WJD	ENGR: WJD	SUPV:	CERTIFIED: 10/28/94	ISSUE: 6
<p>ENG. NOTE 52: ADDED FIG 20A FOR LU4; CHANGED SHEET NUMBER FOR FIG. 19 TO B7; ON SHEET B7, ADDED FIG. 19 (MOVED FROM SHEET B8); ON SHEET B8, ADDED NEW FIG 20A FOR LU4.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JVB	ENGR: JVB	SUPV: P_K	CERTIFIED: 02/01/95	ISSUE: 7
<p>IN GRAPHICS, RE-NUMBERED SHEETS AS FOLLOWS: B16 TO B18, B15 TO B17, B14 TO B16, B13 TO B15, B12 TO B14, B11 TO 13, B10 TO B12, B9 TO B11, B8 TO B10, B7 TO B9, B6 TO B8, B5 TO B7, B4 TO B6, B3 TO B4; NEW SHEET B3 FOR FUTURE ENHANCEMENTS; MOVED SK. E AND ADDED SK. E1 TO NEW SHEET B5; ADDED SK. F1 TO SHEET B6; UPDATED ENG NOTE 52 TO REFLECT THESE CHANGES; ADDED NEW ENG NOTE 53.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: B		
DRAFT: JVB	ENGR: JVB	SUPV: P_K	CERTIFIED: 03/14/95	ISSUE: 8
<p>IN ENGINEERING NOTES: RE-NUMBERED 53 TO 54; ADDED NEW NOTE 53.</p>				
ORIG ISS: 02/11/93		CHANGE CLASS: ME		
DRAFT: JVB	ENGR: JVB	SUPV:	CERTIFIED: 03/15/95	ISSUE: 9

SHEET INDEX											
SHT NBR	A1 THRU A3 ISSUE 22										
ISSUE											
SHT NBR	D1 THRU D1 ISSUE 22										
ISSUE											
SHT NBR	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11
ISSUE	15	15	17	15	15	15	15	15	15	15	15
SHT NBR	B12	B13	B14	B15	B16	B17	B18	B19	B20	B21	B22
ISSUE	15	15	15	22	15	15	15	15	15	15	15
SHT NBR	B23	B24	B25	B26	B27	B28	B29	B30	B31	B32	B33
ISSUE	15	15	15	15	15	17	17	21	15	15	
SHT NBR	B34	B35	B36	B37	B38	B39	B40	B41	B42	B43	B44
ISSUE	18	18	15	19	19	19	19	22	21	21	
SHT NBR	B45	B46	B47	B48	B49	B50	B51	B52			
ISSUE	21	21	21	21	22	22	22	22			
SHT NBR	E1	E2	E3	E4							
ISSUE	18	21	21	21							
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LUCENT TECHNOLOGIES - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS	
METHOD OF CABLING FOR CLASSIC SM/SM2000 IN 5ESS-2000 CABINET	
DWG SIZE C2	ISSUE 22
LUCENT TECHNOLOGIES INC	ED5D734-12
SHEET A1 OF 60	

ENGINEERING NOTES

***** CONTINUED *****

29	PICB, PIDB, AND PWR CABLE PATHS (ISLU)	B14
30	PICB, PIDB, AND PWR CABLE PATHS (ISLU2)	B14
31	PICB, PIDB, AND PWR CABLE PATHS (LU)	B14
32	PICB, PIDB, AND PWR CABLE PATHS (LU3)	B15
33	PICB AND PWR CABLE PATHS (MMSU OR MMSUE-1)	B15
33A	PICB, PIDB, PWR, AND PB CABLE PATHS (OXU)	B15
34	PICB AND PWR CABLE PATHS (PPMU)	B15
35	PICB, PIDB, PWR, AND PB CABLE PATHS (PSU)	B15
36	PICB, PIDB, AND PWR CABLE PATHS (TU)	B15
36A	PICB AND PIDB CABLE PATHS FOR PSU	B15
36B	PICB AND PIDB CABLE PATHS FOR PSU2	B15
37	PIDB CABLE PATHS FROM DLTU3 TO ECU	B16
38	PIDB CABLE PATHS FROM DLTU3 TO ECU	B16
39	PICB AND PIDB CABLE PATHS FOR MCTU2	B17
40	MCTU2 PICB AND PIDB PORT LOCATIONS	B17
41	PICB AND PIDB CABLE PATHS FOR MCTU3	B18
42	MCTU3 PICB AND PIDB PORT LOCATIONS	B18
43	CROSS-AISLE CABINET ARRANGEMENT	B19
44	TYPICAL METHOD OF RUNNING FUSE ALARM MULTS	B20
44A	TYPICAL METHOD OF RUNNING FAN ALARM MULTS	B21
44B	FAN ALARM CABLE DRESS ON CABLE SUPPORT BARS	B22
44C	WHEN CABLING TO ADJACENT CABINETS	
44D		
44E		
45	DX/TSIS LINK CABLES FOR TSIU4	B23
46	DX/TSIS LINK CABLES FOR TSIU4-2	B23
47	TRCU2 TO TSIU4 - EXM2000	B24 B25
48	AWS/VCDX SM2000-CPI CABLE & RS232	B26
49	PICB AND PIDB CABLE ROUTING INFORMATION FOR AN SM2000 OFFICE EQUIPPED WITH GLOBAL LINEUP CABLE RACK AND "CLEAN-DUCT" CROSS-AISLE CABLE RACK.	B27
50	PICB,PIDB,DPIDB CABLE LOCATIONS FOR PSU	B28
	K RECOMMENDED WAY OF DRESSING PIDB CABLES	B29
51	PICB,PIDB,DPIDB CABLE LOCATIONS FOR PSU2	B29
	M RECOMMENDED WAY OF DRESSING PIDB CABLES	B29
52	PICB AND PIDB CABLE LOCATIONS FOR OXU	B30
	N RECOMMENDED WAY OF DRESSING PIDB CABLES	B30
53	RESERVED FOR FUTURE USE	B31
54	AIU BACKPLANE LOCATIONS	B32
	O AIU PICB AND PIDB CABLE PORT LOCATIONS	B32
55	5ESS-2000 GLOBAL FAC CABINET (TRAY LOCATIONS)	B33
56	5ESS-CLASSIC CABINET (BAR & TRAY LOCATIONS)	B33
57	AIU PICB AND PIDB INTRA-CABINET CABLE ROUTING (TYPICAL) REAR UNIT.	B34
	P CLOSEUP OF PICB AND PIDB CABLE ROUTING FOR REAR AIU UNIT (TYPICAL)	B34
	CONTINUED ON NEXT SHEET	

ENGINEERING NOTES

51. CABLE BENDS ARE TO BE FORMED GRADUALLY SO NO EXCESSIVE STRAIN IS PLACED ON THE CABLE AT ANY ONE POINT. HAIRPIN CABLE BENDS ARE TO BE AVOIDED.

52. INDEX OF FIGURES AND SKETCHES

FIG.	SK.	DESCRIPTION	SHEET
1		PIDB PORT LOCATIONS FOR TSIU4	B1
2		PICB PORT LOCATIONS FOR SMPU4	B1
	A	RECOMMENDED WAY OF DRESSING PIDB CABLES	B1
3		PIDB PORT LOCATIONS FOR TSIU4-2	B2
4		PICB PORT LOCATIONS FOR SMPU5	B2
	B	RECOMMENDED WAY OF DRESSING PIDB CABLES	B2
5		PICB/PIDB PORT LOCATIONS FOR XCDU	B3
	C	RECOMMENDED WAY OF DRESSING PIDB CABLES	B3
6		PIDB, CONTROL & DISPLAY, MCP AND STCL BETWEEN SMPU5 AND TSIU4-2	B4
7		FAN & ALM, INTRA-UNIT FOR SMPU5, TSIU4-2	B5
8		POWER CABLES AND GROUND STRAPS FOR SMPU5 AND TSIU4-2	B6
9		PICB AND PIDB CABLES FOR TSIU4 AND SMPU4	B7
10		PICB AND PIDB, STCL, AND MCP CABLES FOR TSIU4 AND SMPU4	B7
	D	CABLE ROUTING	B7
11		PICB AND PIDB CABLES FOR TSIU4-2 AND SMPU5	B8
12		PICB AND PIDB, STCL, AND MCP CABLES FOR TSIU4 AND SMPU5	B8
	E	CABLE ROUTING	B8
13		POWER AND ALARM CABLES FOR TSIU4 AND SMPU5	B9
	F	CABLE ROUTING	B9
	G	TYPICAL METHOD OF DRESSING CABLES (PHASE 1)	B10
	H	TYPICAL METHOD OF DRESSING CABLES (PHASE 2)	B10
	J	TYPICAL CABLE LENGTHS TO BOTTOM OF TOWELBAR	B10
14		CABLE DRESS FOR 5ESS-2000 LTP CABINET (PHASE 1 OR 2)	B11
15		PICB, PIDB, AND PWR CABLE PATHS (ATUE)	B12
16		PICB, PIDB, AND PWR CABLE PATHS (DCLU)	B12
17		PICB, PIDB, PWR, AND J1P023AM-1 CABLE PATHS (DCTU)	B12
18		PICB, PIDB, PWR, AND ED5D503-30 CABLE PATHS (DLTU)	B12
19		PICB, PIDB, AND PWR CABLE PATHS (DLTU2)	B12
20		PICB, PIDB, AND PWR CABLE PATHS (DLTU-E)	B12
21		PICB, PIDB, AND PWR CABLE PATHS (DLTU-R)	B12
22		PICB, PIDB, AND PWR CABLE PATHS (DSU-G)	B13
23		PICB, PIDB, AND PWR CABLE PATHS (DSU2)	B13
24		PICB, PIDB, AND PWR CABLE PATHS (DSU3)	B13
25		PICB, PIDB, AND PWR CABLE PATHS (ECSU)	B13
26		PICB, PIDB, PWR, AND FIBER OPTIC CABLE PATHS (FIU)	B13
27		PICB, PIDB, AND PWR CABLE PATHS (GDSU-E)	B13
28		PICB, PIDB, AND PWR CABLE PATHS (IDCU)	B14
		CONTINUED TO THE LEFT	

ISSUE NOTES (CONTINUED)

-----TAG H09303(JJW)-----

(H09303)
ADDED GRAPHIC SHTS B37 THRU B41 FOR BACKPLANE DIMENSIONS FOR UNITS PSU,PSU2,LU2,LU3,ATU-E AND TU. TO ENG NOTE 52, ADDED FIGURES 60,61,62,63,64 AND E1, CORRECTED REF TO FIGURE B58 AND B59.

ORIG ISS: 02/11/93

CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 03/09/01 ISSUE: 19

(H09309)

ADDED TO ENG NOTE 52 FIGURES 65A,65B,66,67,68A,68B,69,70A,70B,E3,E4 AND E5 AND REF TO SK.EA,EB AND EC ADDED TO ENG NOTE 52. ADDED GRAPHIC SHTS B42 THRU B50,E2,E3 AND E4. GRAPHIC SHT B31 CHG'D TO "RESERVED FOR FUTURE USE", FIGURE MOVED FROM SHT B31 TO REPLACE EXSITING FIGURES ON SHT E3. REF TO SHT E3 CHG'D TO E2 ON SHTS B42 THRU B48. ON SHT E2 "CALCULATION FORMULA" MODIFIED, REF TO COMCODE ADDED TO SK. EA AND EB. CORRECTED CABLE ROUTING INFO FOR FIGS 33A AND 36B ON SHT B15.

ORIG ISS: 02/11/93

NDD NBR: H09309

CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 05/25/01 ISSUE: 20

(H09309)

ADDED TO ENG NOTE 52 FIGURES 65A,65B,66,67,68A,68B,69,70A,70B,E3,E4 AND E5 AND REF TO SK.EA,EB AND EC ADDED TO ENG NOTE 52. ADDED GRAPHIC SHTS B42 THRU B50,E2,E3 AND E4. GRAPHIC SHT B31 CHG'D TO "RESERVED FOR FUTURE USE", FIGURE MOVED FROM SHT B31 TO REPLACE EXSITING FIGURES ON SHT E3. REF TO SHT E3 CHG'D TO E2 ON SHTS B42 THRU B48. ON SHT E2 "CALCULATION FORMULA" MODIFIED, REF TO COMCODE ADDED TO SK. EA AND EB. CORRECTED CABLE ROUTING INFO FOR FIGS 33A AND 36B ON SHT B15.

ORIG ISS: 02/11/93

CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 05/29/01 ISSUE: 21

(H09400)

MODIFIED GRAPHIC SHTS B15, B49 AND B50 FOR THE OXU FOR CABLE ROUTING BACKPLANE INFORMATION. ADDED NEW GRAPHIC SHTS B51 AND B52 FOR OXU CABLE BACKPLANE DIMENSIONING. SHT B42, ADDED BQL DIMENSION 122 FOR XCDU. ENG NOTE 52 MODIFIED TO SHOW REF FOR SHTS B51 AND B52; ENG NOTE 59 ADDED FOR OXU.

ORIG ISS: 02/11/93

NDD NBR: H09400

CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 06/29/01 ISSUE: 22

SEE PROPRIETARY NOTICE ON SHEET ONE

METHOD OF CABLING FOR CLASSIC SM/SM2000 IN 5ESS-2000 CABINET

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ENGINEERING NOTES

***** CONTINUED *****

|NOTE: SEE ED5D825-13 FOR AIU INTER/INTRA METHOD OF CABLING. |

- 53. WHEN 5ESS-2000 PHASE II CABINET IS INSTALLED UNDER EXISTING PHASE I CABLE RACK, REFER TO EIM 1868, ISSUE 2, FOR CABLE ROUTING INFORMATION.
- 54. EMC & NON-EMC PHASE II CABINETS ARE E/W 3 INCH TOWEL BARS FOR ALL CABLING EXCEPT T/R. 5 INCH TOWEL BARS ARE PROVIDED FOR T/R CABLING ONLY.
- 55. INTRA-CABINET CABLES FOR ALL UNITS WILL BE DRESSED AS FOLLOWS:
1). THE TOP UNIT WILL ALWAYS CONTROL THE DRESSING.
2). ACTUAL DRESSING OF THE CABLES FOLLOWS AN ESTABLISHED PATTERN OF DRESSING.
(I.E. CABLE FROM EQL 000 TO 092 IS DRESSED TO THE RIGHT AND EQL 093 TO 185 IS DRESSED TO THE LEFT).
INTER-CABINET CABLES WILL BE DRESSED IN THE SHORTEST POSSIBLE CABLE PATH.
- 56. SEE ED5D825-13 FOR AIU METHOD OF CABLING.
- 57. WHEN CROSS-AISLE RACK ("CLEAN-DUCT") BECOMES APPROX. 75% FULL (4 1/2" HEIGHT OF BUILD-UP), ROUTE PIDB/PICB CABLES TO AUXILIARY CROSS-AISLE CABLE RACK. THIS AUXILIARY CABLE RACK IS TO BE PLACED ADJACENT TO EXISTING CABLE RACK WHEN REQD.
- 58. CAB2000 SOFTWARE VERSION UPDATED TO 1.41A, RELEASE 72 FOR 2KY COMPLIANCE. ADDED NEW FEATURES FOR DUAL/SINGLE TROUGH AND ADDED +48" FOR ROWS 0 TO 1 AND +24" TO ROWS 0 TO 2 IN SOFTWARE, WITH NO OPERATOR INTERVENTION NECESSARY.
- 59. THE OXU UNIT WILL HAVE A TOTAL OF 3 CABLE SUPPORT BARS:
A 5 INCH CABLE SUPPORT BAR (847169240) IS MOUNTED ON THE TOP OF OXU RACK.
A 4 INCH CABLE SUPPORT BAR (847169232) IS MOUNTED 1 INCH DOWN APPROXIMATELY FROM THE CENTER OF THE OXU BACKPLANE.
A 4 INCH CABLE SUPPORT BAR (847169232) IS MOUNTED AT THE BOTTOM OF THE OXU RACK.
- 100. GRAPHIC SHEET E1 ADDED FOR SPECIAL CABLE ROUTING AND NOTES.

ENGINEERING NOTES

***** CONTINUED *****

	Q	DIMENSIONS TO PICB AND PIDB CABLE TRAY FOR AIU REAR (TYPICAL)	B34
58		AIU PICB AND PIDB INTRA-CABINET CABLE ROUTING FRONT UNIT (TYPICAL)	B35
	R	CLOSEUP OF FRONT OF AIU FOR PICB AND PIDB CABLING ROUTING	B35
	S	TYPICAL CABLE LENGTHS TO PICB AND PIDB CABLE TRY (FRONT UNIT)	B35
59		PICB AND PIDB CABLE ROUTING FOR AIU UNITS IN CLASSIC CABINET (TYPICAL)	B36
60		PSU PICB/PIDB/DPIDB/PB/-1 PORTS AND CABLE DRESS	B37
61		PSU2 PICB/PIDB/DPIDB/PB2 PORTS AND CABLE DRESS	B38
62		LU2 PICB/PIDB PORTS AND CABLE DRESS	B39
63		LU3 PICB/PIDB PORTS AND CABLE DRESS	B40
64		ATU-E OR TU PICB/PIDB PORTS AND CABLE DRESS	B41
65A		XCDU PICB/PIDB PORTS AND CABLE DRESS (LEFT SIDE)	B42
65B		XCDU PICB/PIDB PORTS AND CABLE DRESS (RIGHT SIDE)	B43
66		DLTU2 PICB/PIDB PORTS AND CABLE DRESS	B44
67		DLTU3 PICB/PIDB PORTS AND CABLE DRESS	B45
68A		DLTU-E PICB/PIDB PORTS AND CABLE DRESS (LEFT SIDE)	B46
68B		DLTU-E PICB/PIDB PORTS AND CABLE DRESS (RIGHT SIDE)	B47
69		DLTU-R PICB/PIDB PORTS AND CABLE DRESS	B48
70A		OXU PICB/PIDB PORTS AND CABLE ROUTING (LEFT SIDE)BOTTOM	B49
70B		OXU PICB/PIDB PORTS AND CABLE ROUTING (RIGHT SIDE)BOTTOM	B50
70C		OXU PICB/PIDB PORTS AND CABLE ROUTING (LEFT SIDE) MIDDLE AND TOP	B51
70D		OXU PICB/PIDB PORTS AND CABLE ROUTING (RIGHT SIDE) MIDDLE AND TOP	B52
E1		SPECIAL PSU/2 DPIDB CABLE ROUTING FOR PSU/2 TO PSU/2 OR TO IDCU	E1
E2		SPECIAL PSU/2 DPIDB CABLE ROUTING TO AIU FRONT OR REAR	E1
E3		PICB/PIDB CABLE CALCULATIONS	E2
	EA	CABLE SUPPORT BAR CABLE ROUTING (TOP AND BOTTOM POSITION)	E2
	EB	CABLE SUPPORT BAR CABLE ROUTING (MIDDLE POSITION)	E2
	EC	MEASUREMENT FROM CABLE SUPPORT BAR TO CABLE SUPPORT BAR	E2
E4		INTRA-CABINET CABLE ROUTING BUILDUP (BAY TO BAY)	E3
E5		CALCULATIONS OF CABLE LENGTHS (FRAME TO FRAME)	E4

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SEE PROPRIETARY NOTICE ON SHEET ONE

METHOD OF CABLING FOR CLASSIC SM/SM2000 IN 5ESS-2000 CABINET

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LUCENT TECHNOLOGIES INC ED5D734-12

SHEET A3 OF 60

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING
INFORMATION FOR UNITS EQUIPPED
WITH TOWEL BARS

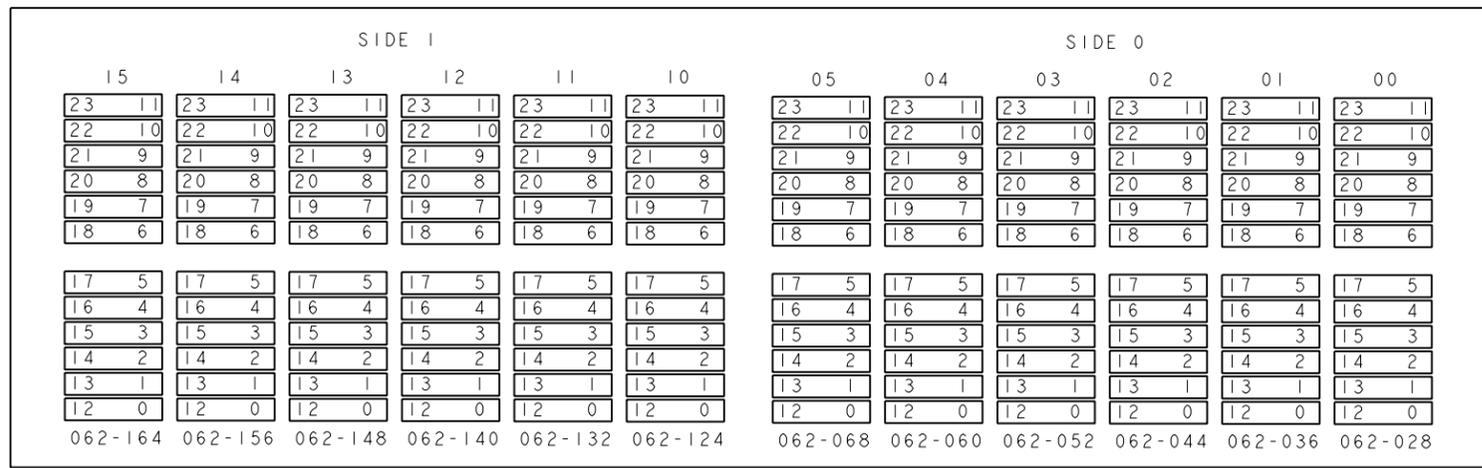
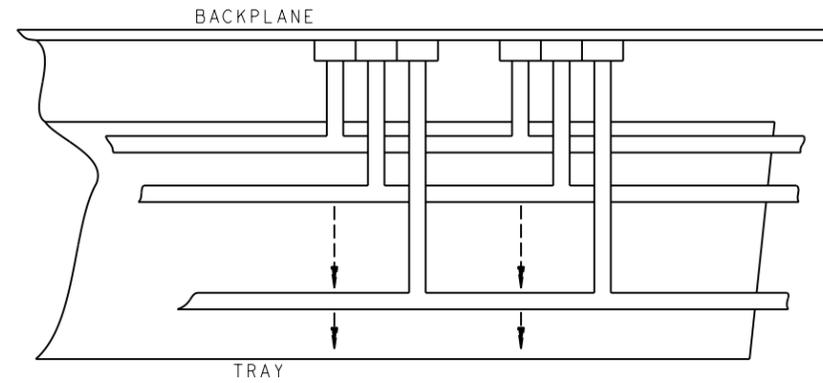


FIG. 1
TSIU4 (REAR VIEW)
PIDB PORT LOCATIONS FOR SMC0



SK.A
TOP VIEW OF TRAY
AS VIEWED FROM THE REAR OF CAB

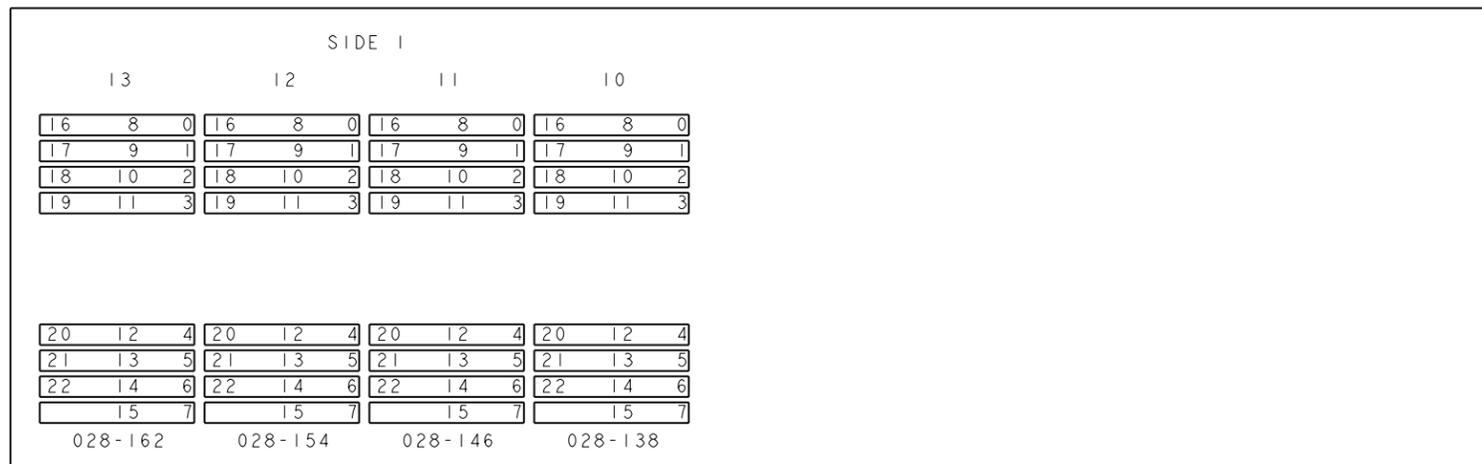
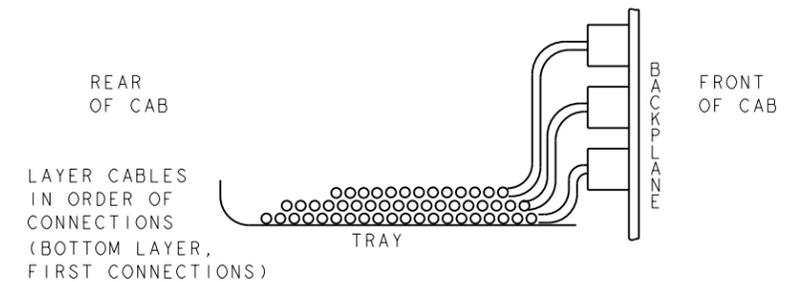


FIG. 2
SMPU4 (REAR VIEW)
PICB PORT LOCATIONS FOR SMC0



VIEW A-A
RECOMMENDED WAY OF DRESSING OF PIDB CABLES
(REFER TO SK.A FOR TOP VIEW OF CABLE TRAY)

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.		ED5D734-12	SHEET B1	ISSUE 15
			DWG SIZE C2/AIR	

ED5D734-12

1 2 3 4 5 6 7 8 9 10

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING INFORMATION FOR UNITS EQUIPPED WITH TOWEL BARS

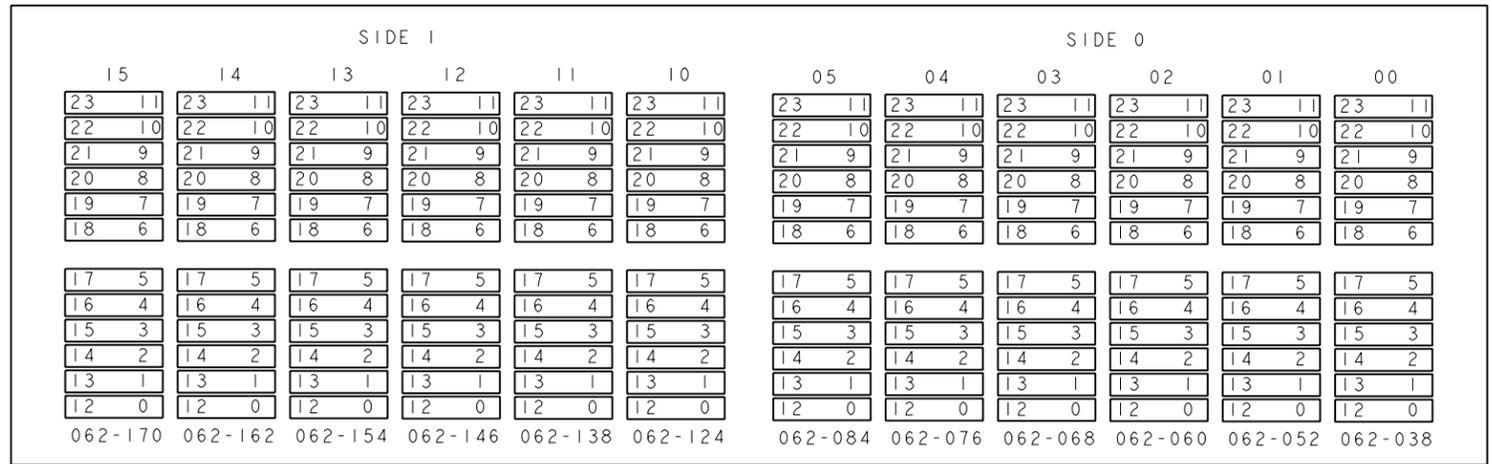


FIG. 3
TSIU4-2 (REAR VIEW)
PIDB PORT LOCATIONS FOR SMC0

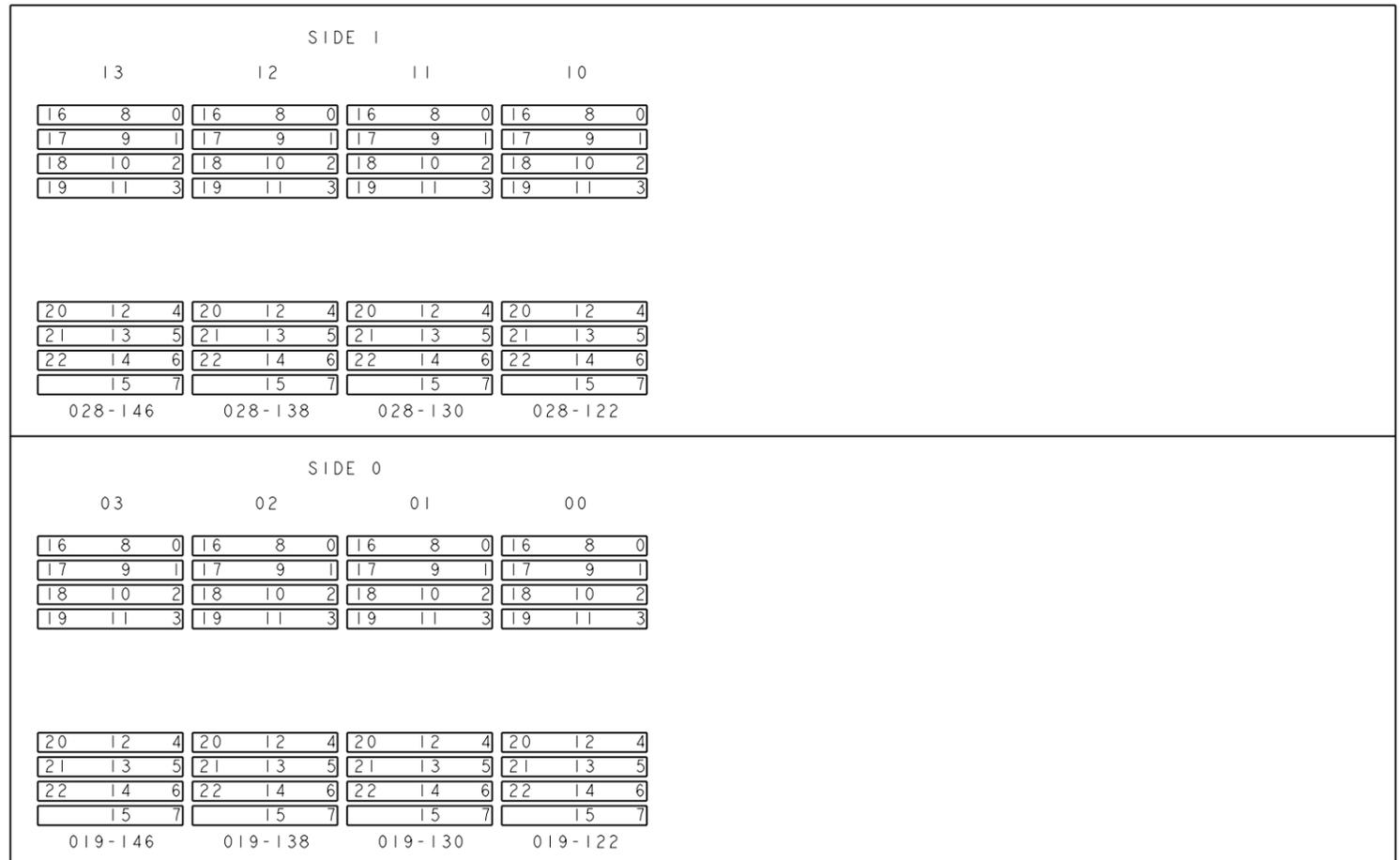
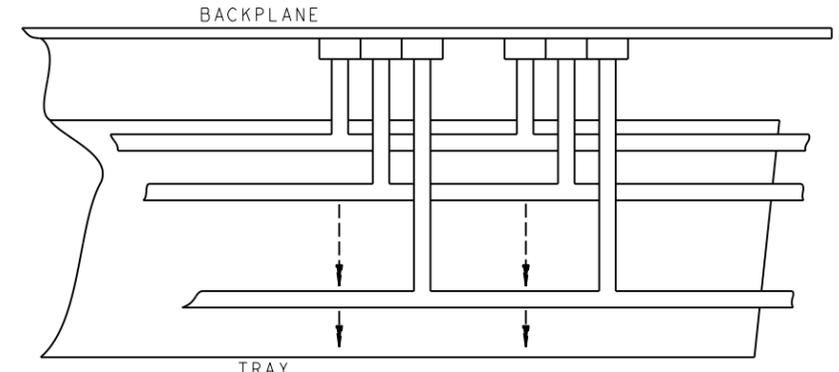
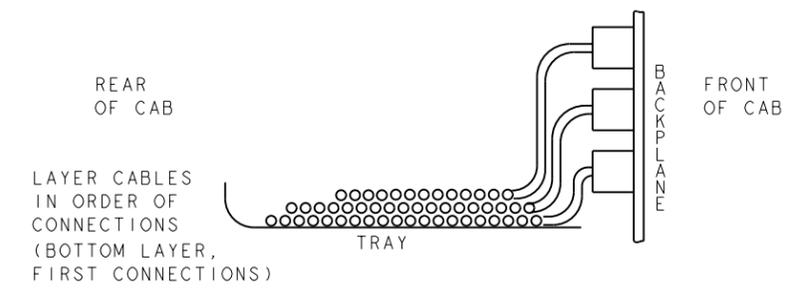


FIG. 4
SMPU5 (REAR VIEW)
PICB PORT LOCATIONS FOR SMC0



SK. B
TOP VIEW OF TRAY
AS VIEWED FROM THE REAR OF CAB



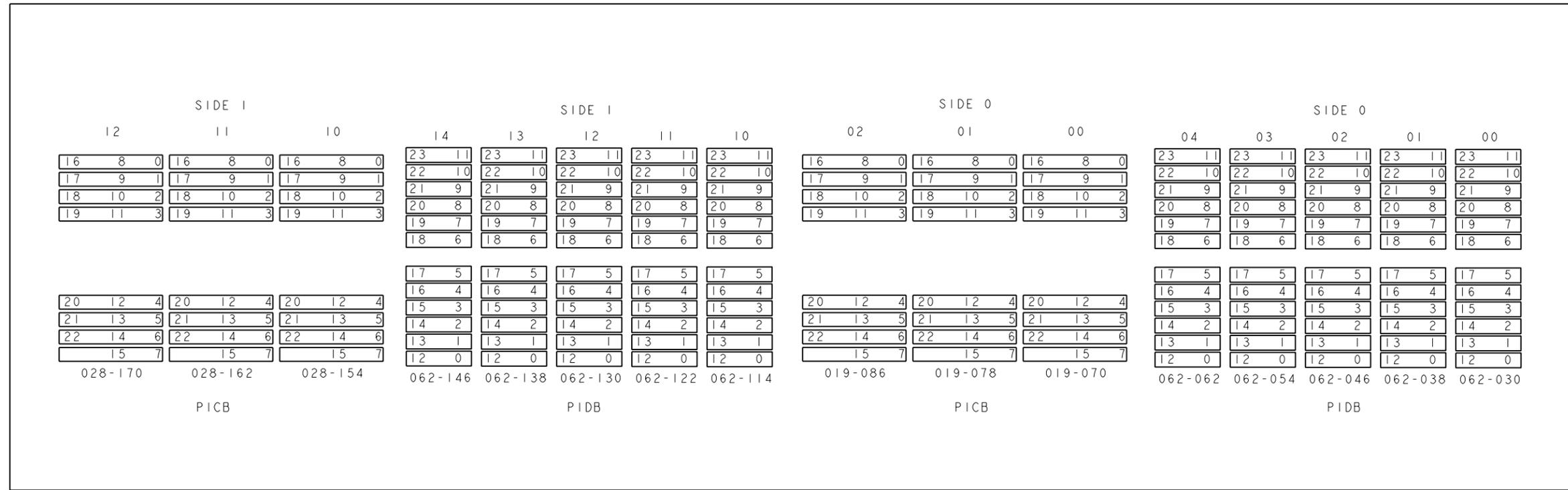
VIEW B-B
RECOMMENDED WAY OF DRESSING OF PIDB CABLES
(REFER TO SK. B FOR TOP VIEW OF CABLE TRAY)

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B2	ISSUE 15
			DWG SIZE C2/AIR	

ED5D734-12

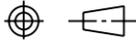
1 2 3 4 5 6 7 8 9 10

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING INFORMATION FOR UNITS EQUIPPED WITH TOWEL BARS



45

FIG. 5
XCDU (REAR VIEW)
PICB/PIDB PORT LOCATIONS

TITLE					INTRA-CABINET CABLING					(P)		
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1							
					SHEET					ISSUE	DWG SIZE	
					Lucent Technologies Inc.					ED5D734-12		

ED5D734-12

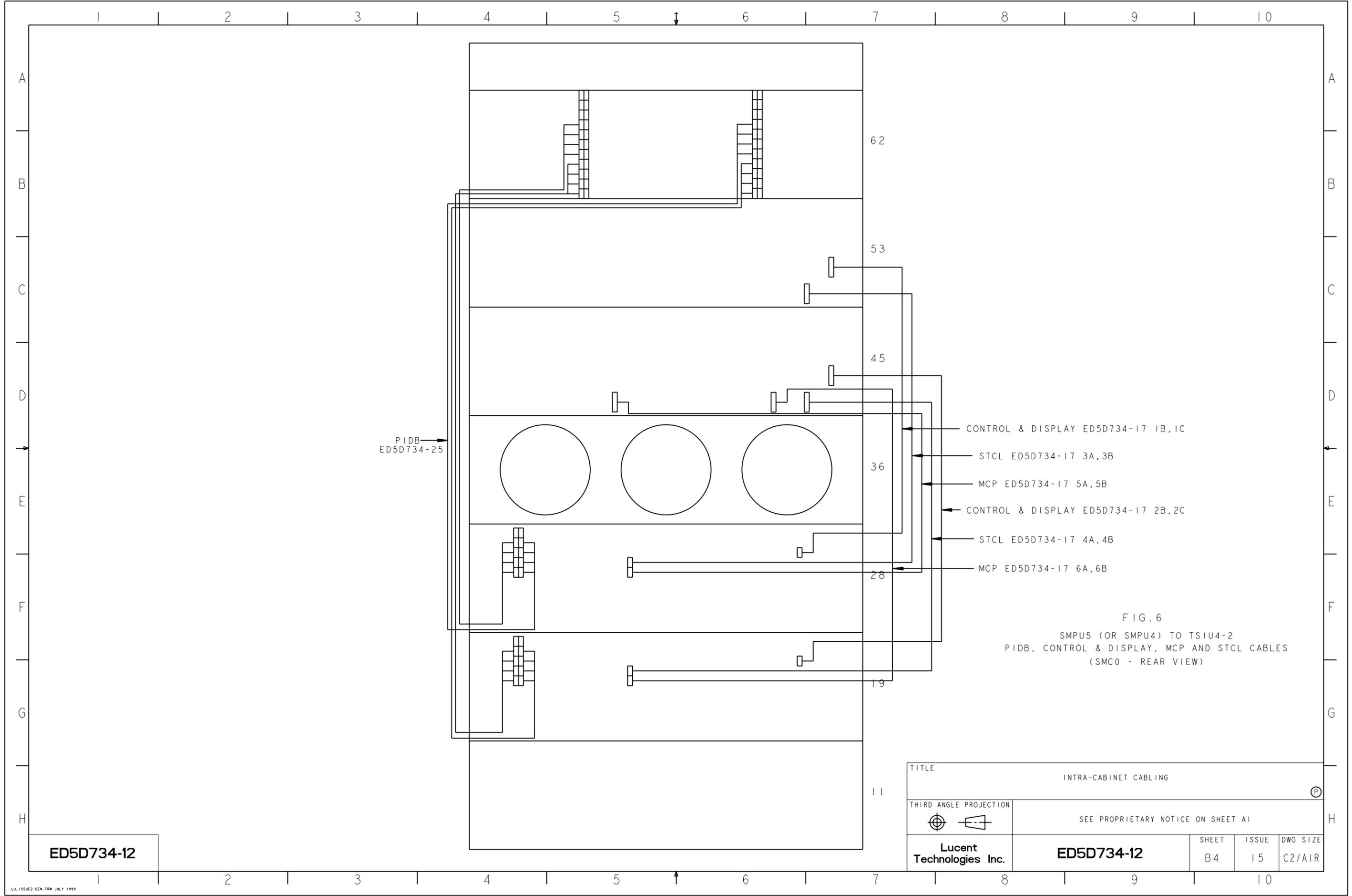
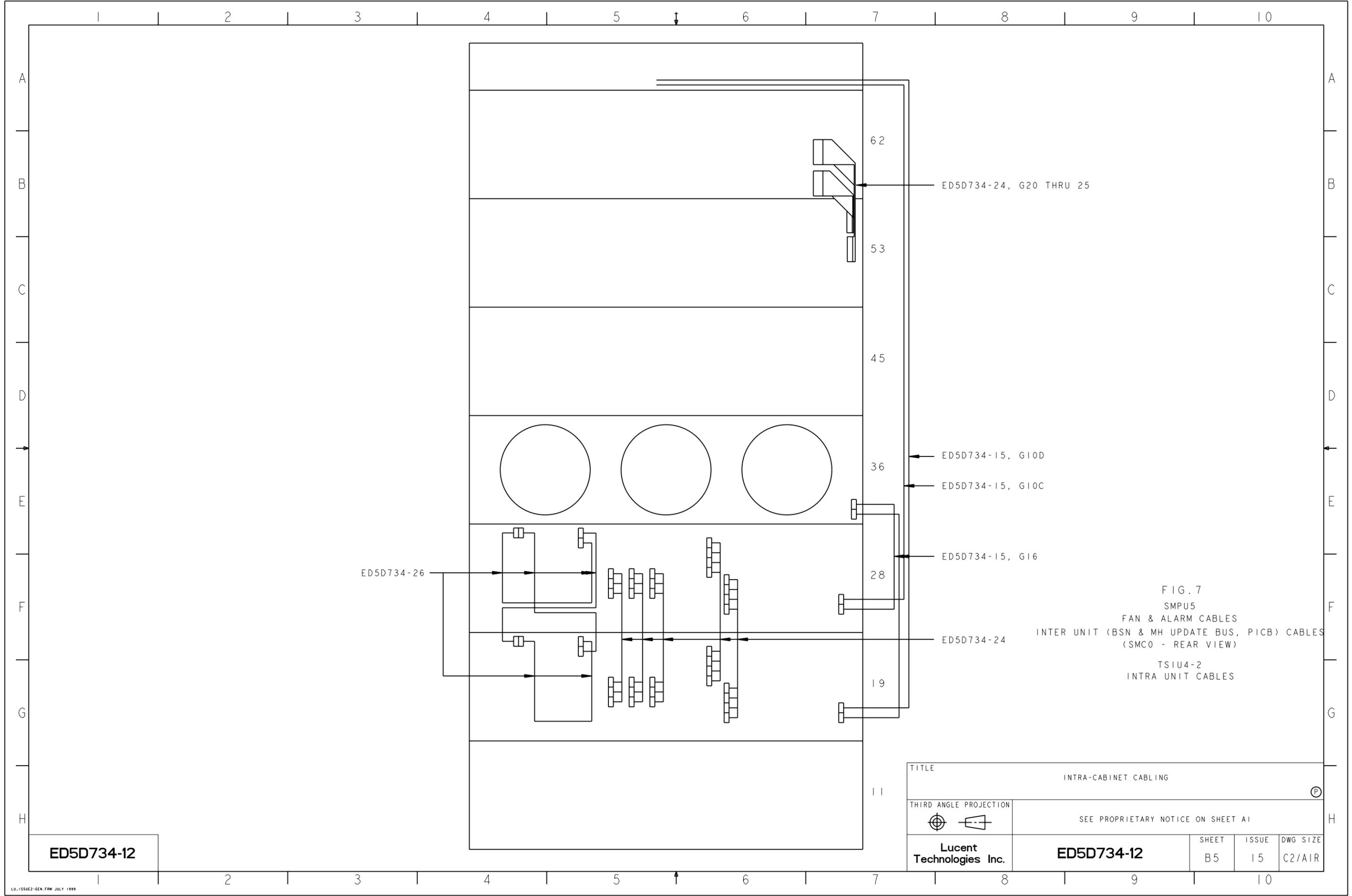


FIG. 6
 SMPU5 (OR SMPU4) TO TSIU4-2
 PIDB, CONTROL & DISPLAY, MCP AND STCL CABLES
 (SMC0 - REAR VIEW)

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B4	15	C2/AIR

ED5D734-12



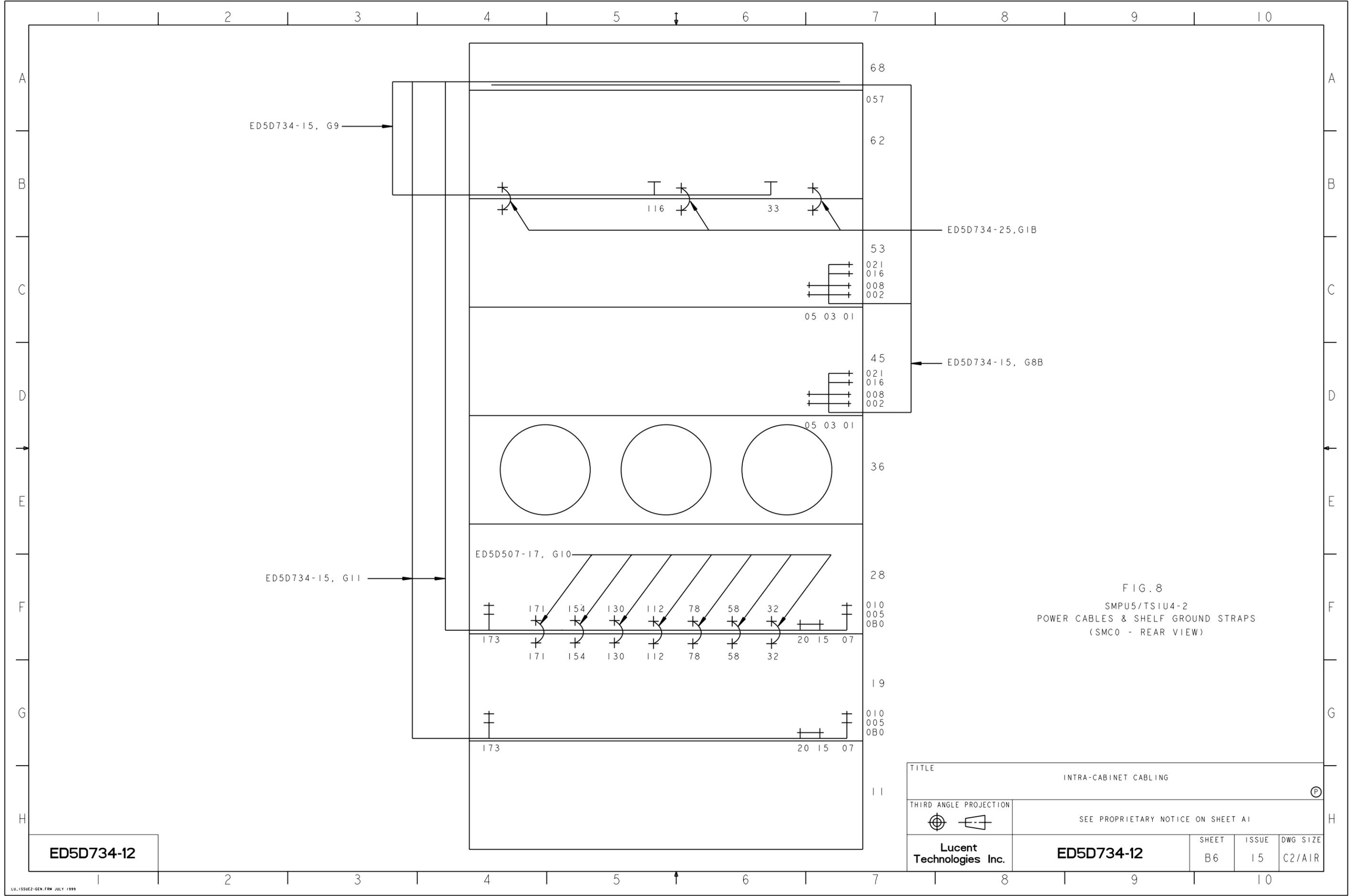
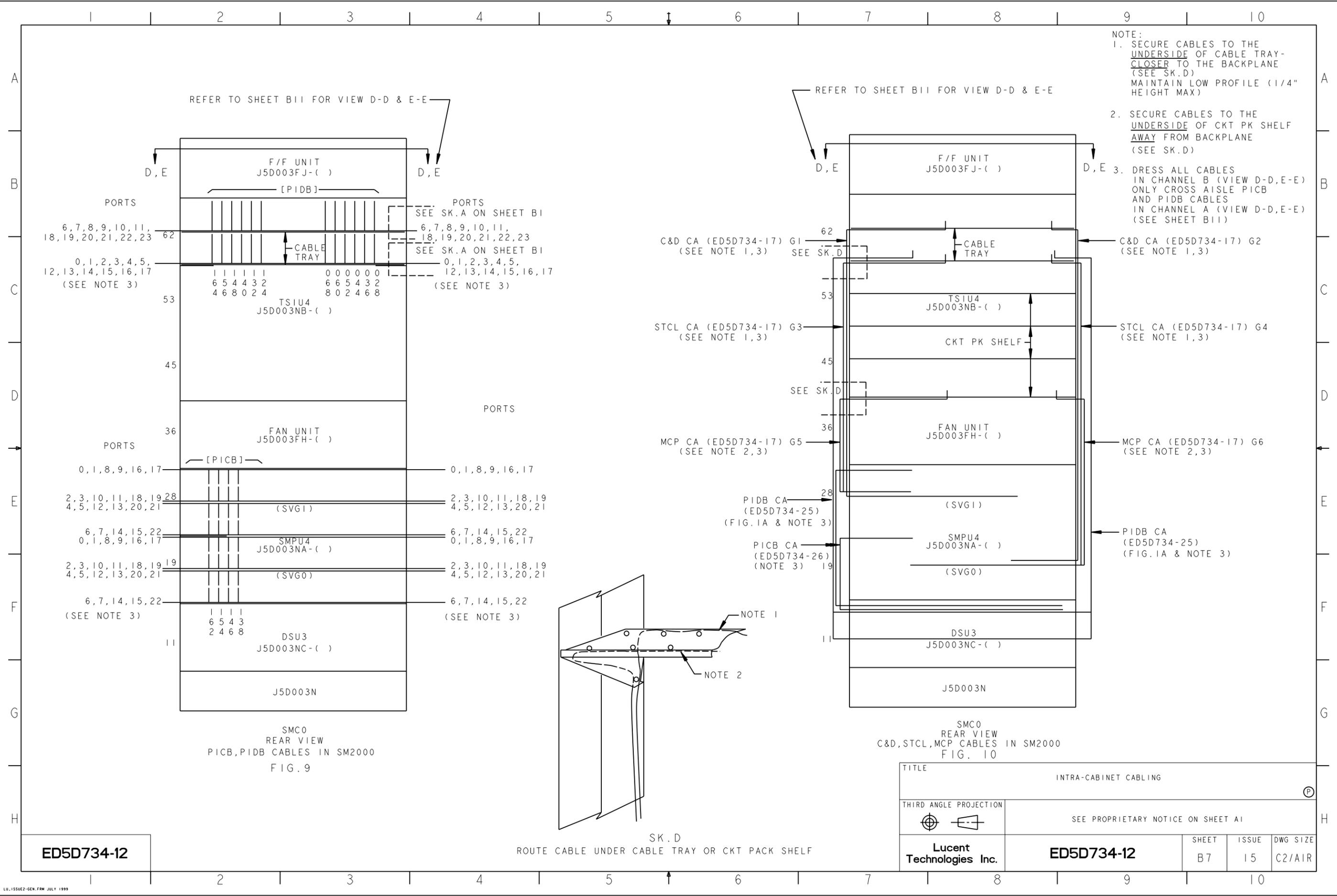


FIG. 8
 SMPU5/TSIU4-2
 POWER CABLES & SHELF GROUND STRAPS
 (SMC0 - REAR VIEW)

TITLE					INTRA-CABINET CABLING					(P)
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1					
Lucent Technologies Inc.			ED5D734-12			SHEET	ISSUE	DWG SIZE		
						B6	15	C2/AIR		

ED5D734-12



- NOTE:
1. SECURE CABLES TO THE UNDERSIDE OF CABLE TRAY - CLOSER TO THE BACKPLANE (SEE SK.D) MAINTAIN LOW PROFILE (1/4" HEIGHT MAX)
 2. SECURE CABLES TO THE UNDERSIDE OF CKT PK SHELF AWAY FROM BACKPLANE (SEE SK.D)
 3. DRESS ALL CABLES IN CHANNEL B (VIEW D-D,E-E) ONLY CROSS AISLE PICB AND PIDB CABLES IN CHANNEL A (VIEW D-D,E-E) (SEE SHEET B11)

REFER TO SHEET B11 FOR VIEW D-D & E-E

REFER TO SHEET B11 FOR VIEW D-D & E-E

F/F UNIT
J5D003FJ-()

F/F UNIT
J5D003FJ-()

PORTS
6, 7, 8, 9, 10, 11, 18, 19, 20, 21, 22, 23

PORTS
6, 7, 8, 9, 10, 11, 18, 19, 20, 21, 22, 23

CABLE TRAY

CABLE TRAY

TSIU4
J5D003NB-()

TSIU4
J5D003NB-()

FAN UNIT
J5D003FH-()

FAN UNIT
J5D003FH-()

SMPU4
J5D003NA-()

SMPU4
J5D003NA-()

DSU3
J5D003NC-()

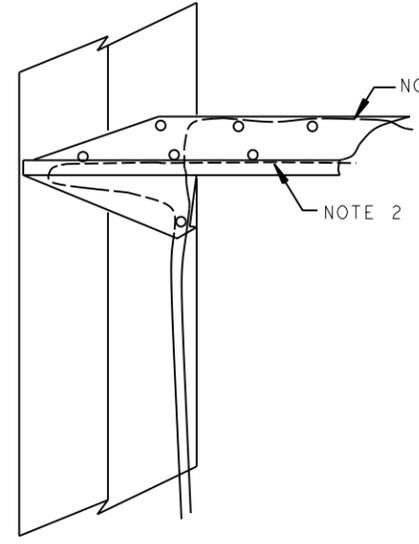
DSU3
J5D003NC-()

J5D003N

J5D003N

SMC0
REAR VIEW
PICB, PIDB CABLES IN SM2000
FIG. 9

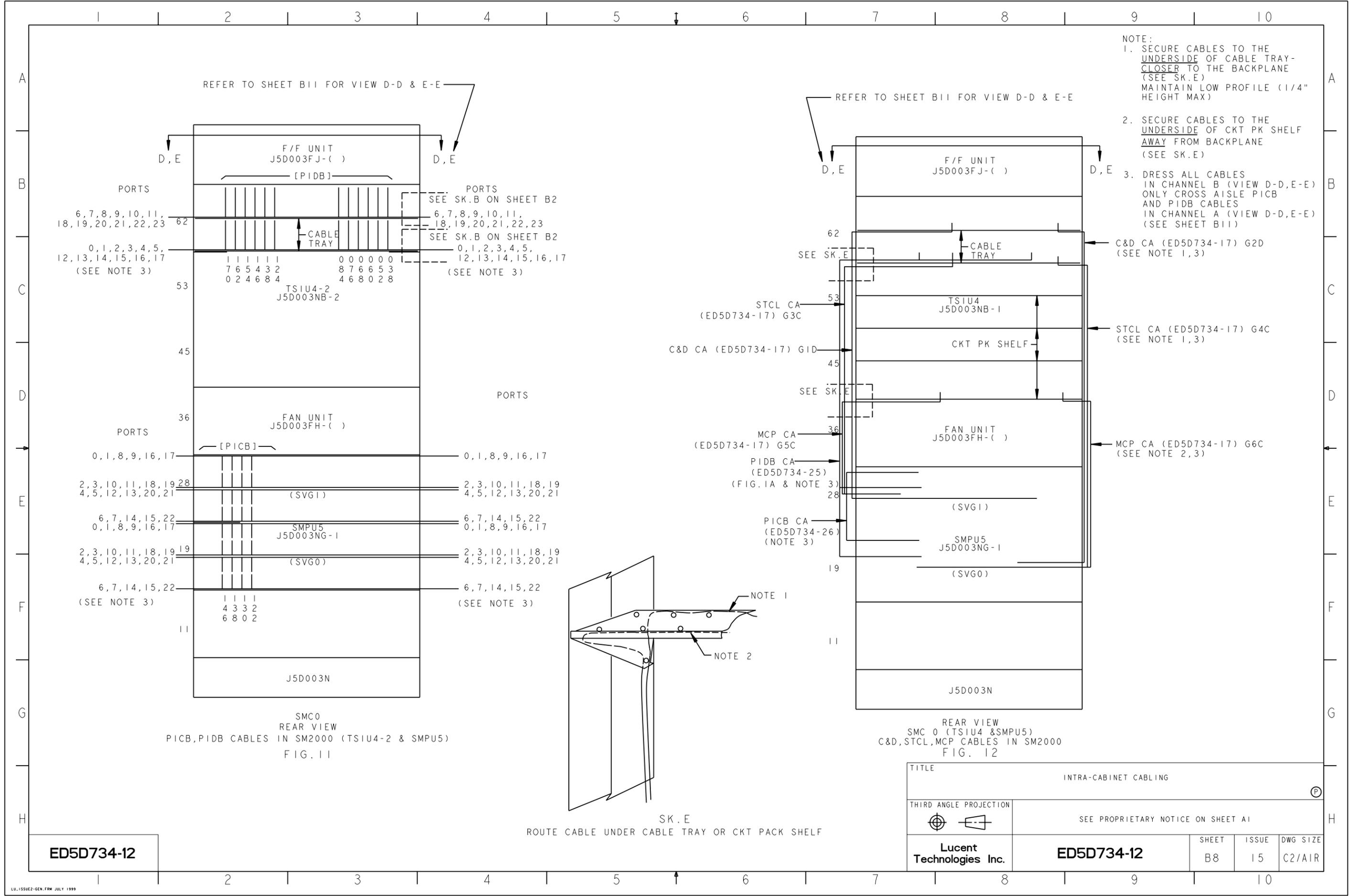
SMC0
REAR VIEW
C&D, STCL, MCP CABLES IN SM2000
FIG. 10



SK.D
ROUTE CABLE UNDER CABLE TRAY OR CKT PACK SHELF

TITLE INTRA-CABINET CABLING			
THIRD ANGLE PROJECTION			
SEE PROPRIETARY NOTICE ON SHEET A1			
Lucent Technologies Inc.	ED5D734-12	SHEET B7	ISSUE 15
		DWG SIZE C2/AIR	

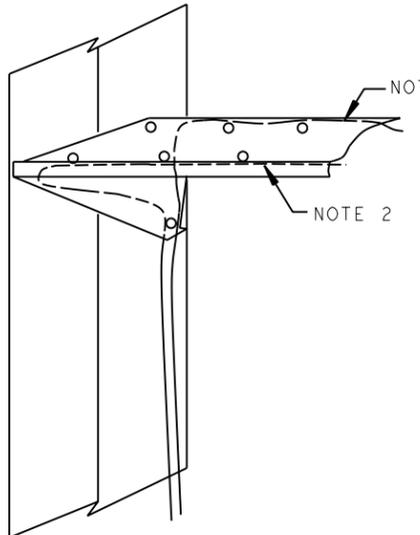
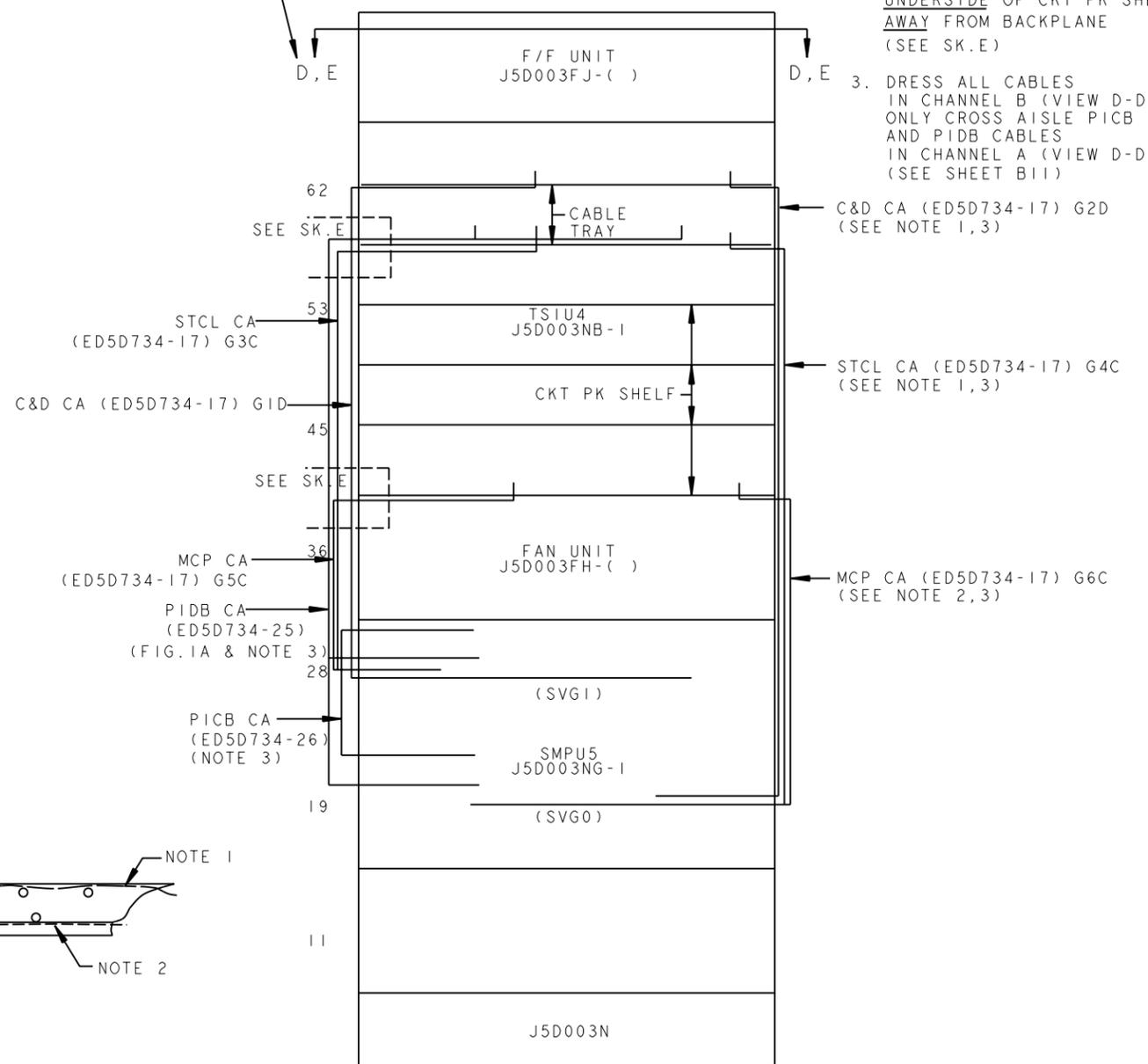
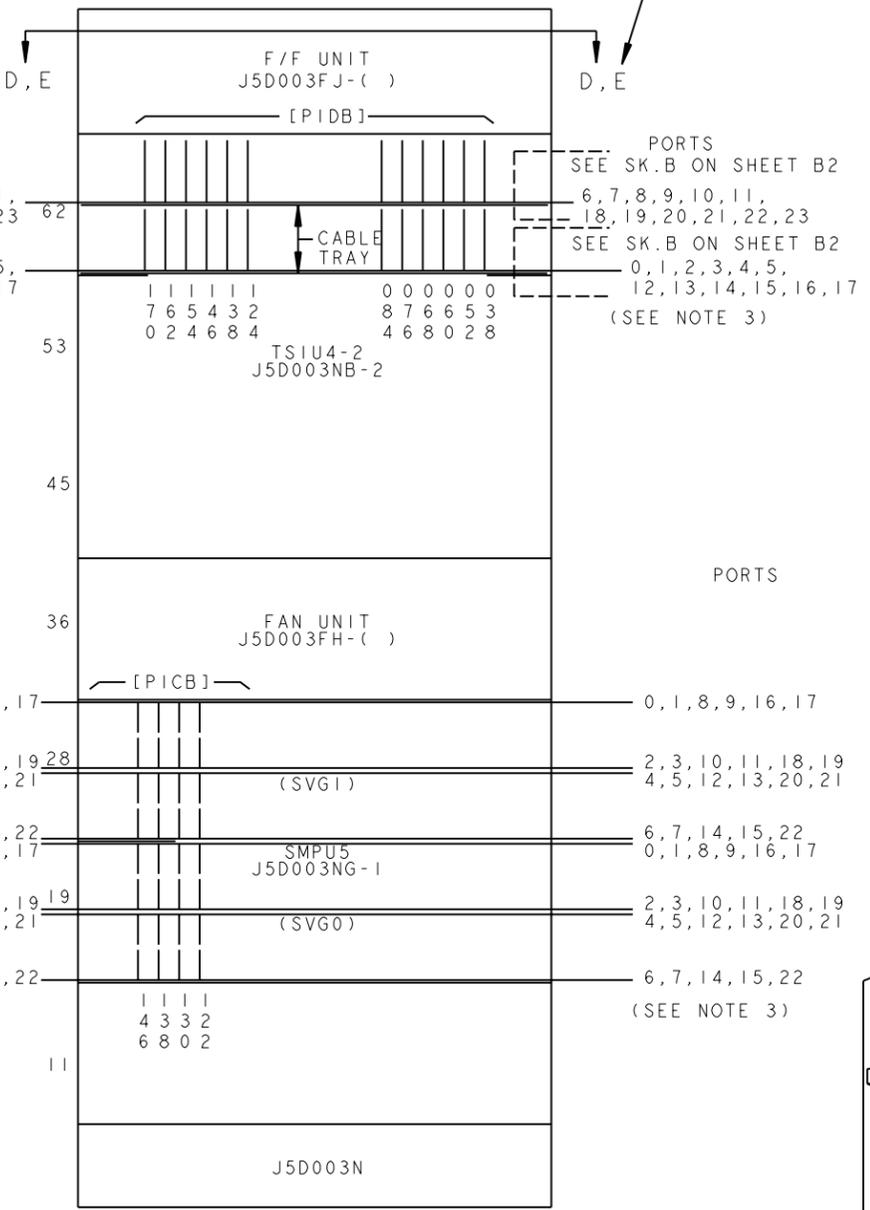
ED5D734-12



- NOTE:
1. SECURE CABLES TO THE UNDERSIDE OF CABLE TRAY-CLOSER TO THE BACKPLANE (SEE SK.E) MAINTAIN LOW PROFILE (1/4" HEIGHT MAX)
 2. SECURE CABLES TO THE UNDERSIDE OF CKT PK SHELF AWAY FROM BACKPLANE (SEE SK.E)
 3. DRESS ALL CABLES IN CHANNEL B (VIEW D-D,E-E) ONLY CROSS AISLE PICB AND PIDB CABLES IN CHANNEL A (VIEW D-D,E-E) (SEE SHEET B11)

REFER TO SHEET B11 FOR VIEW D-D & E-E

REFER TO SHEET B11 FOR VIEW D-D & E-E



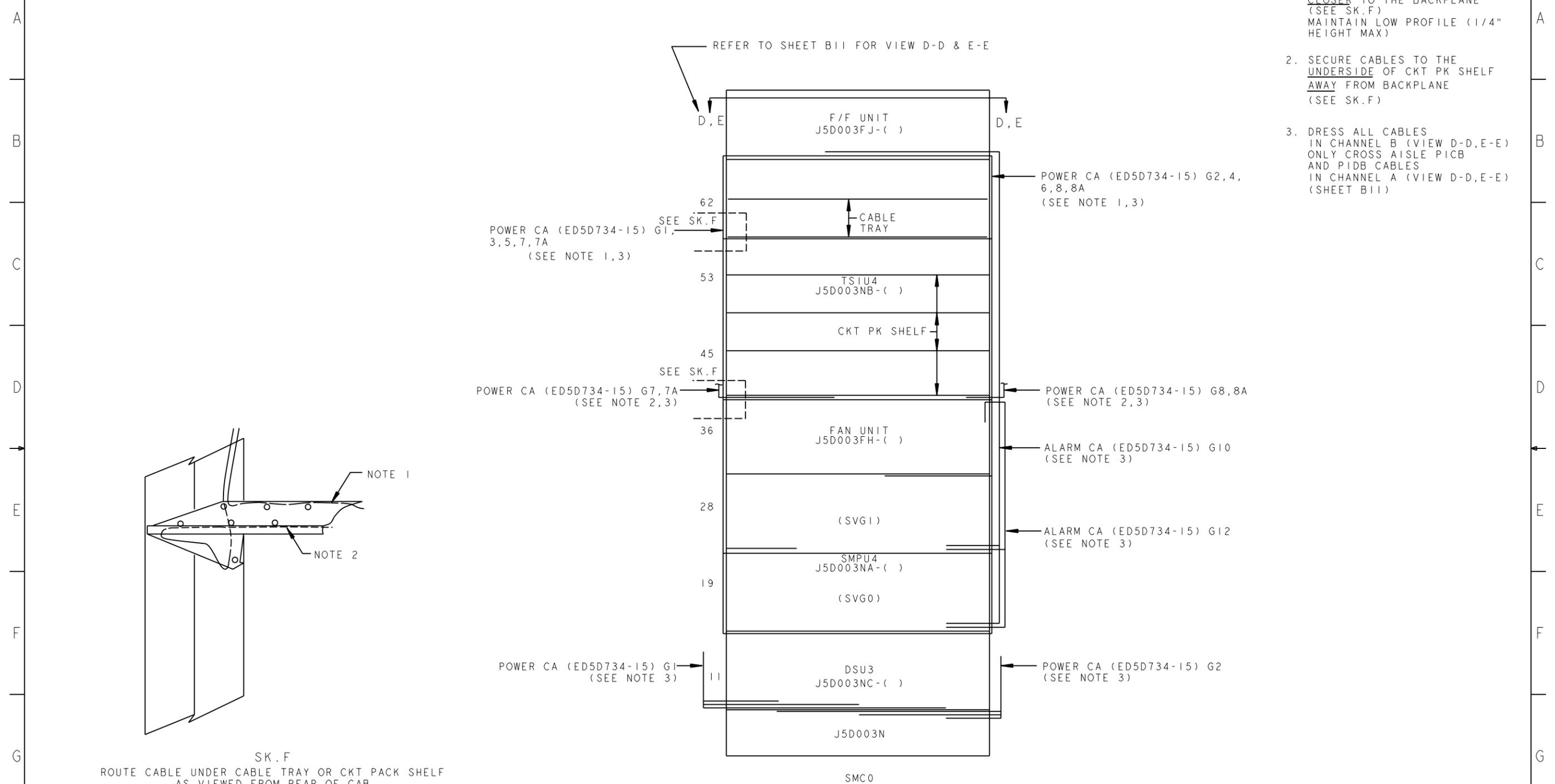
SMC0
REAR VIEW
PICB,PIDB CABLES IN SM2000 (TSIU4-2 & SMPU5)
FIG. 11

REAR VIEW
SMC 0 (TSIU4 & SMPU5)
C&D,STCL,MCP CABLES IN SM2000
FIG. 12

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B8	ISSUE 15
			DWG SIZE C2/AIR	

ED5D734-12

1 2 3 4 5 6 7 8 9 10

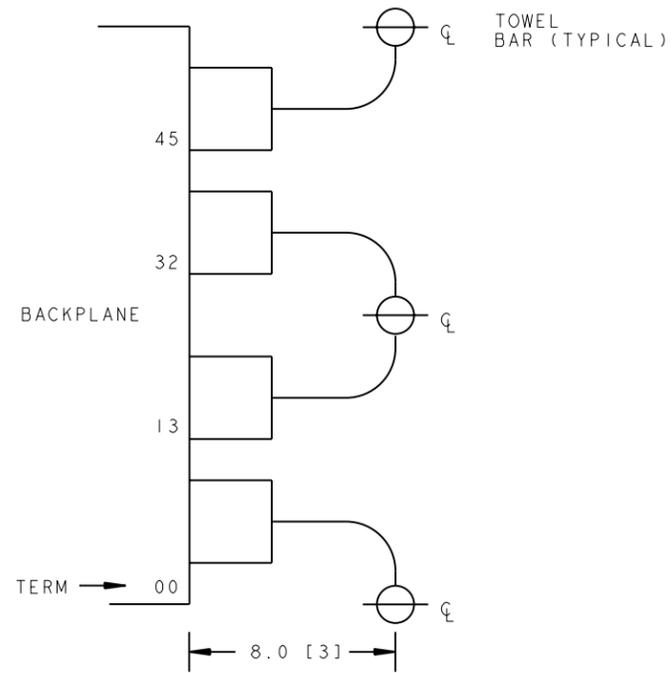


1. SECURE CABLES TO THE UNDERSIDE OF CABLE TRAY-
CLOSER TO THE BACKPLANE
(SEE SK.F)
MAINTAIN LOW PROFILE (1/4"
HEIGHT MAX)
2. SECURE CABLES TO THE UNDERSIDE OF CKT PK SHELF
AWAY FROM BACKPLANE
(SEE SK.F)
3. DRESS ALL CABLES
IN CHANNEL B (VIEW D-D,E-E)
ONLY CROSS AISLE PICB
AND PIDB CABLES
IN CHANNEL A (VIEW D-D,E-E)
(SHEET B11)

TITLE				INTRA-CABINET CABLING			(P)
THIRD ANGLE PROJECTION				SEE PROPRIETARY NOTICE ON SHEET A1			
Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE	
				B9	15	C2/AIR	

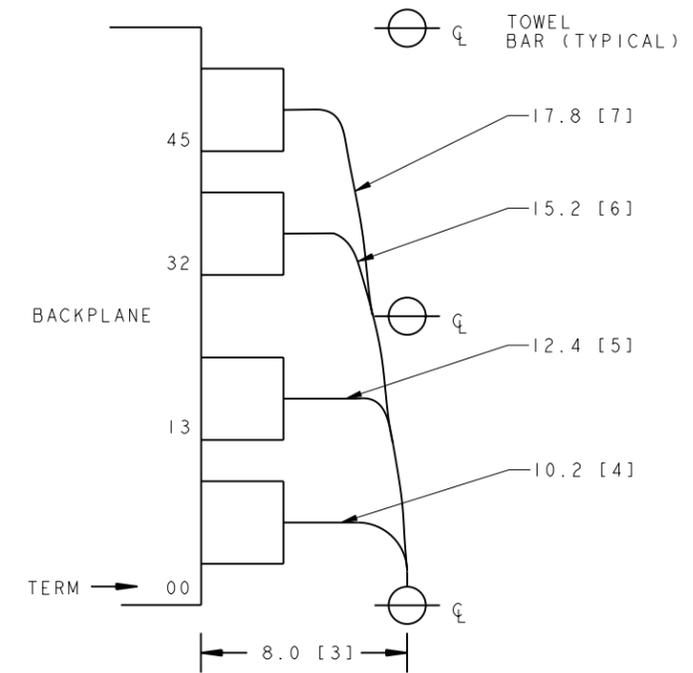
ED5D734-12

1 2 3 4 5 6 7 8 9 10



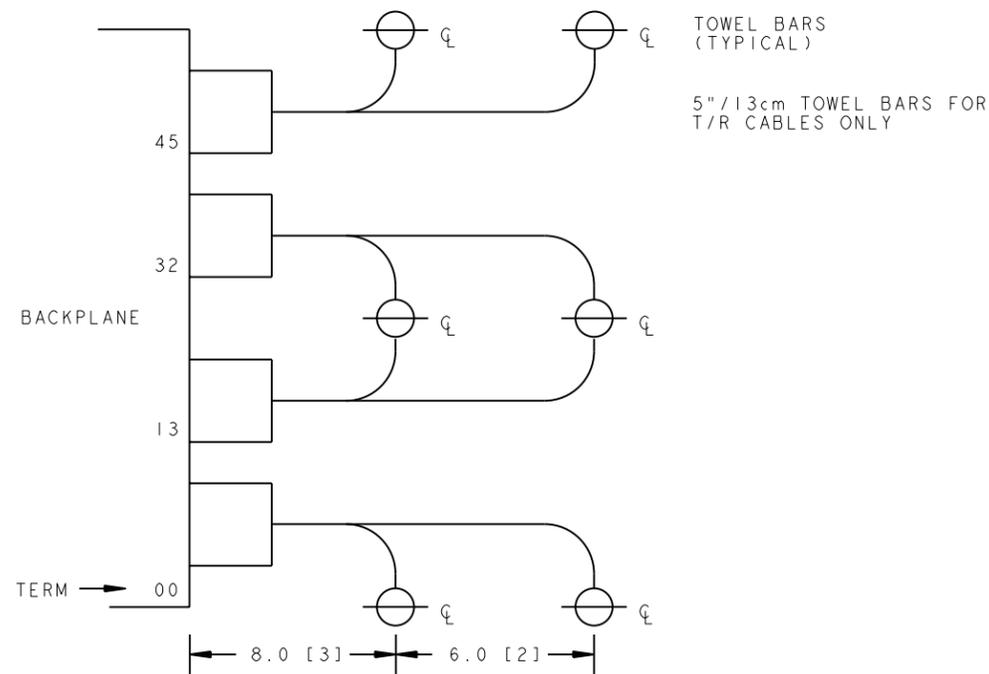
TYPICAL METHOD OF DRESSING CABLES
BASED ON EQL (PHASE I)

SK.G



TYPICAL CABLE LENGTHS
WHEN DRESSING TO BOTTOM TOWELBAR

SK.J

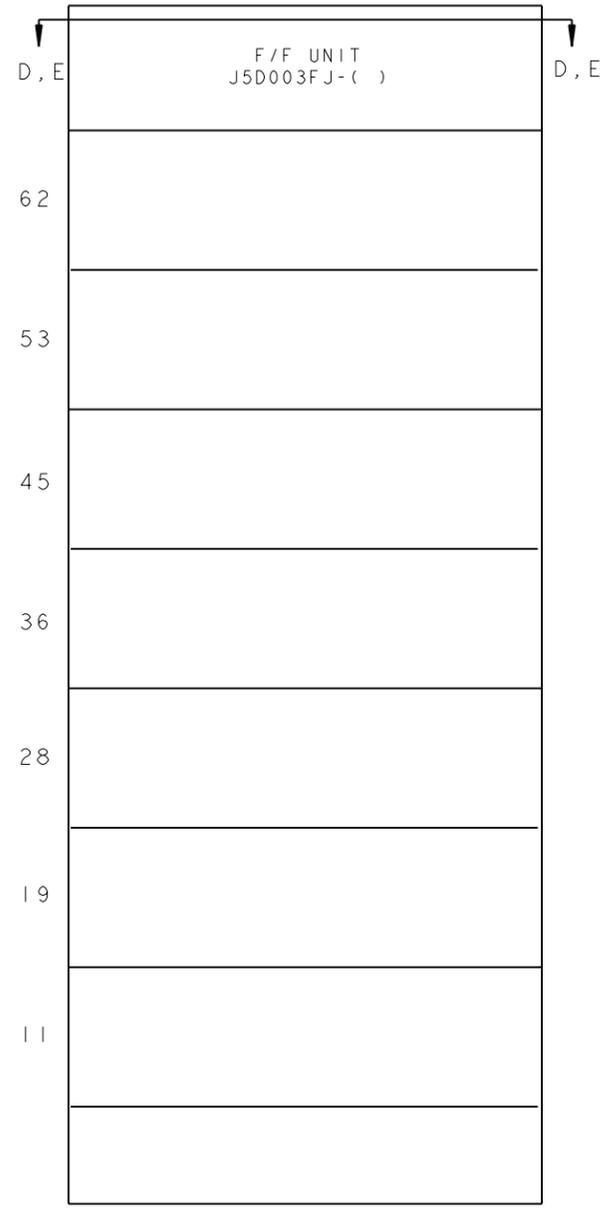


TYPICAL METHOD OF DRESSING CABLES
BASED ON EQL (PHASE II)

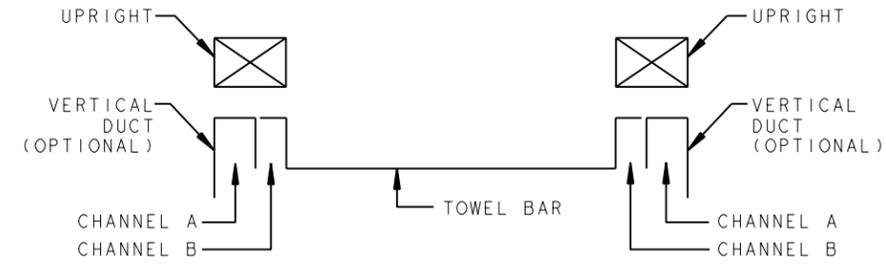
SK.H

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B10	15	C2/AIR

ED5D734-12

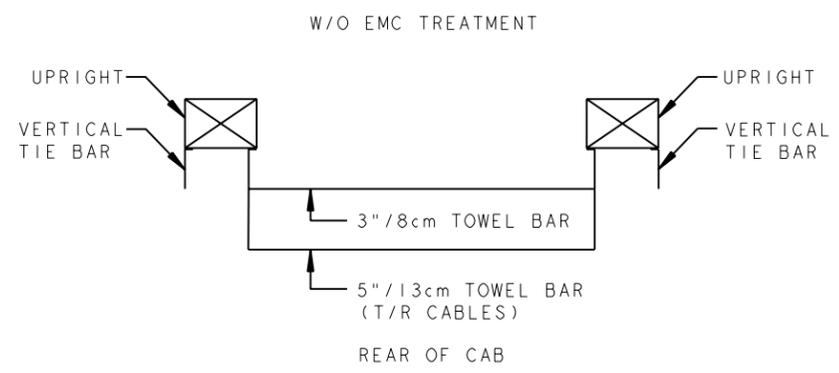


LTP() TYPICAL REAR VIEW
5ESS-2000 CABINET
PHASE I - REFER TO SK.G & VIEW D-D
PHASE II- REFER TO SK.H & VIEW E-E
FIG. 14



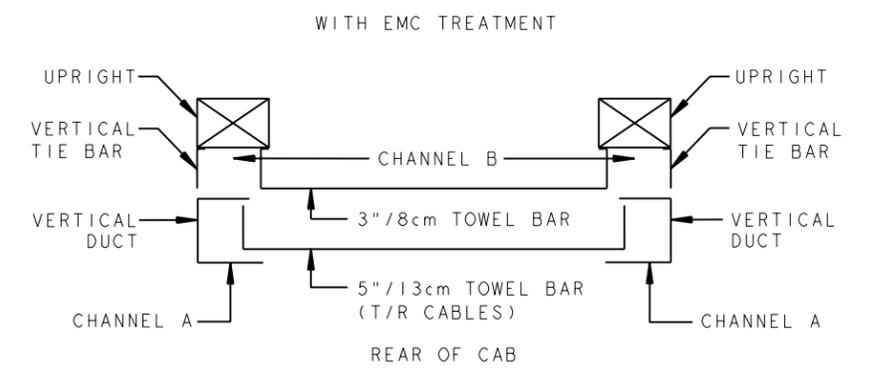
REAR OF CAB
VIEW D-D

CLASSIC SM & SM2000 IN 5ESS-2000 CAB (PHASE I)
DRESS ALL INTER-SYSTEM (T/R, TI, MTB) CABLES IN CHANNEL A (EXCEPT FIBER OPTICS)
ALL INTRA-SYSTEM CABLES IN CHANNEL B (INCLUDING FIBER OPTICS)



W/O EMC TREATMENT

REAR OF CAB



WITH EMC TREATMENT

REAR OF CAB

VIEW E-E

CLASSIC SM & SM2000 IN 5ESS-2000 CAB (PHASE II)

DRESS ALL INTER/INTRA-SYSTEM CABLES IN CHANNEL A. DRESS ALL POWER CABLES IN CHANNEL B. TIE ALL T/R CABLES TO 5" TOWEL BAR. SEE ENG NOTE 53.

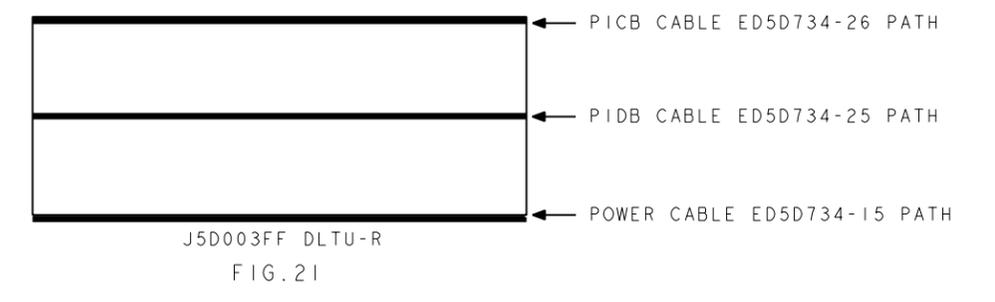
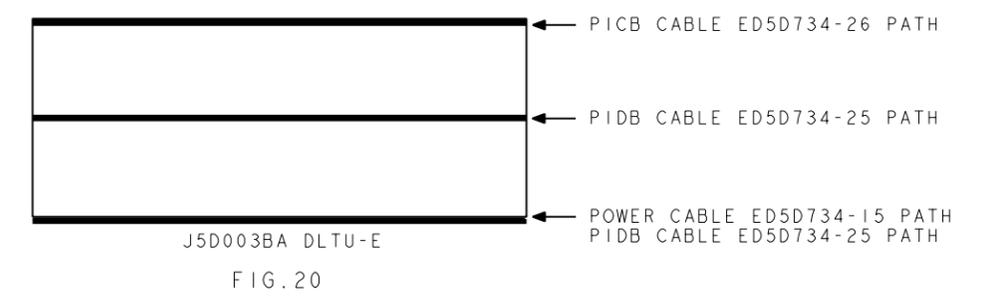
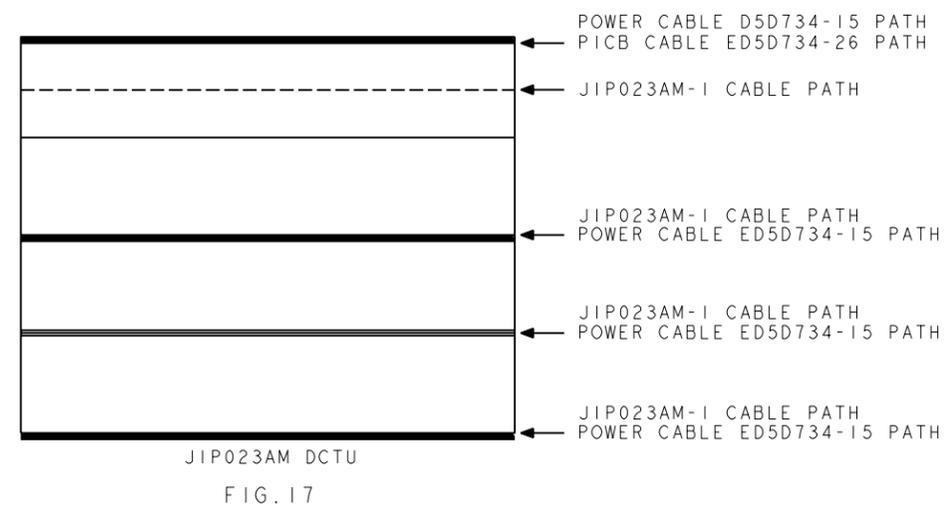
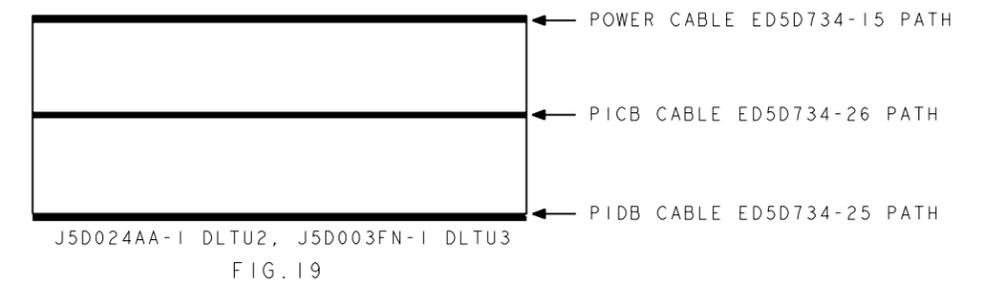
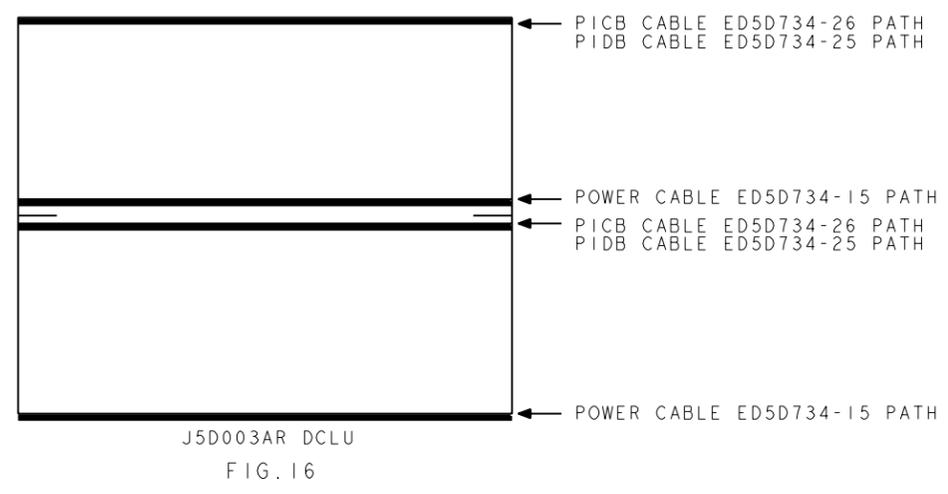
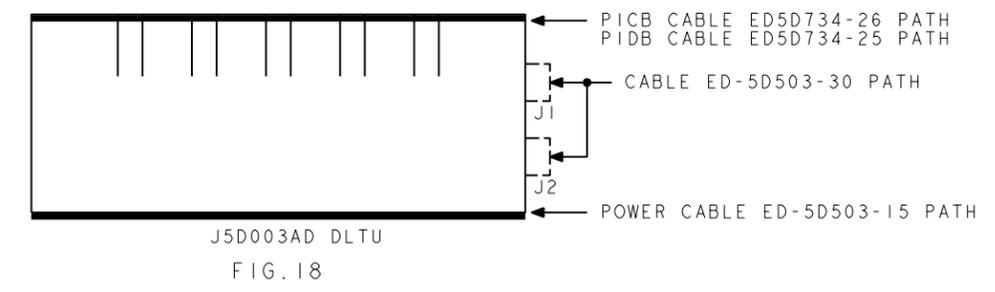
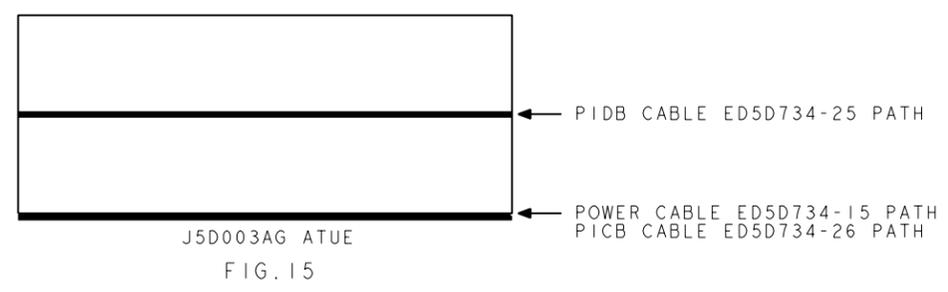
ED5D734-12

TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12			SHEET	ISSUE	DWG SIZE		
					B11	15	C2/AIR		

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

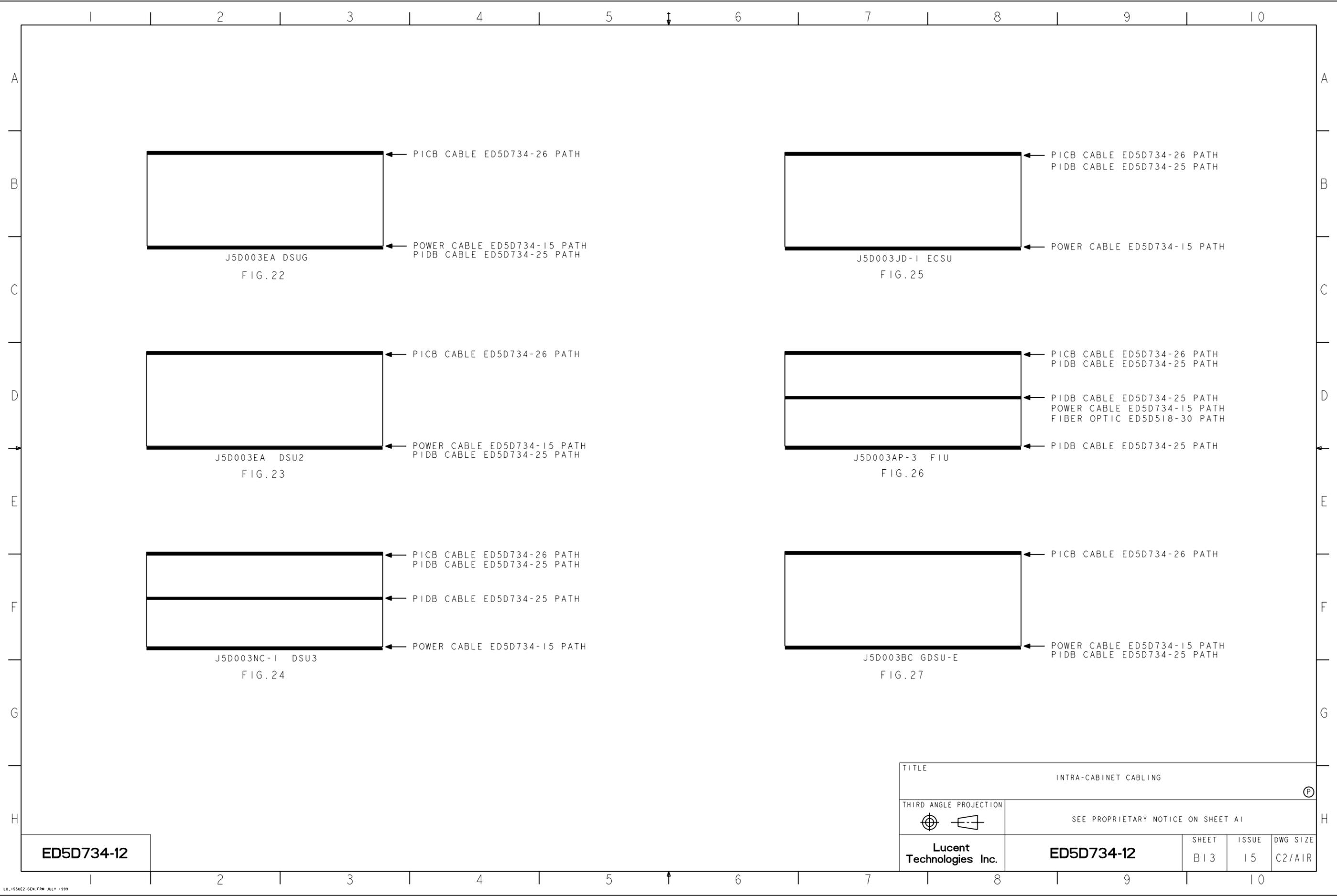
A
B
C
D
E
F
G
H



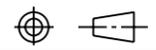
ED5D734-12

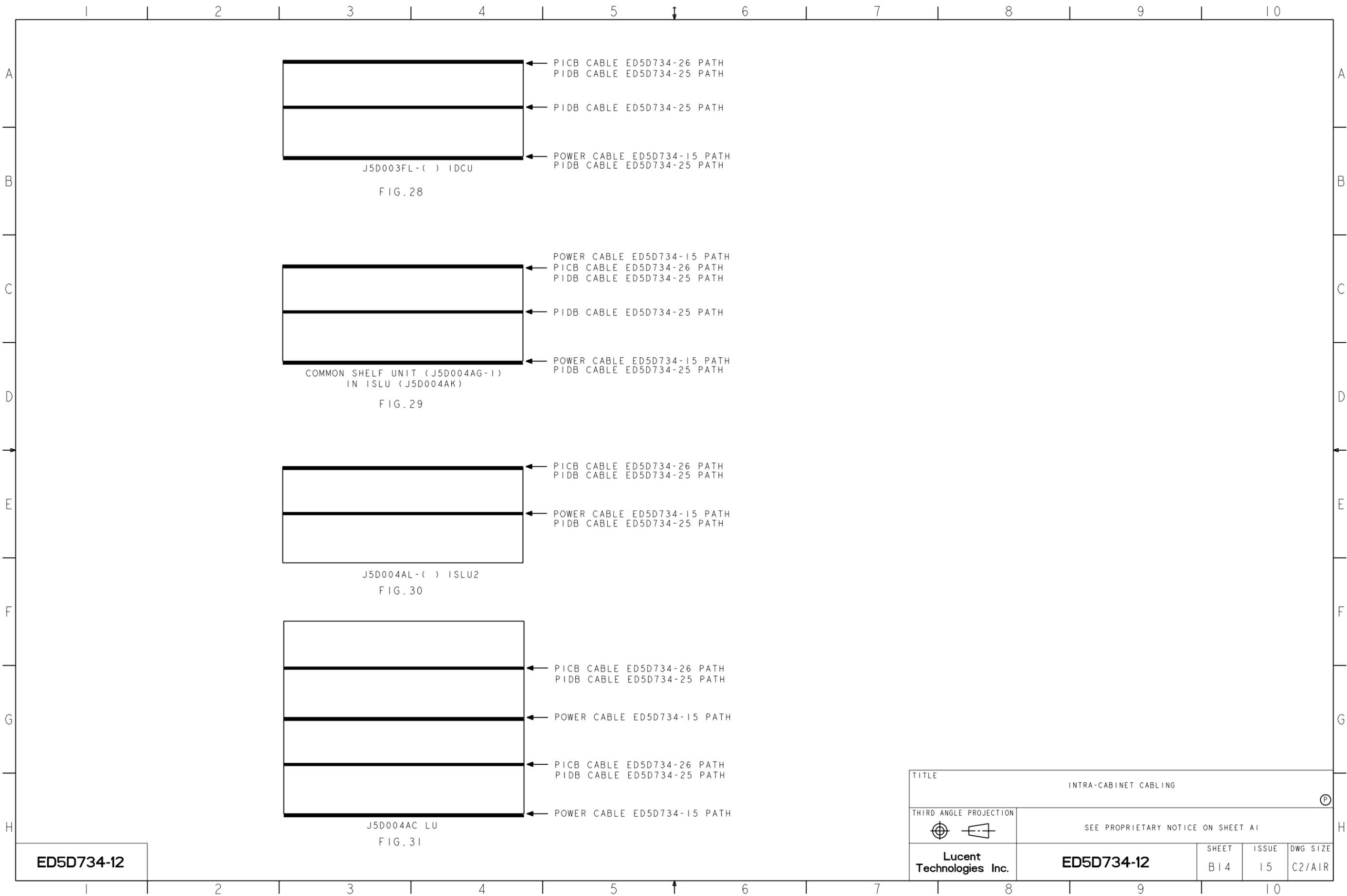
TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B12	15	C2/A1R

1 2 3 4 5 6 7 8 9 10



ED5D734-12

TITLE				INTRA-CABINET CABLING			(P)	
THIRD ANGLE PROJECTION				SEE PROPRIETARY NOTICE ON SHEET A1				
		Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE
						B13	15	C2/A1R



← PICB CABLE ED5D734-26 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← POWER CABLE ED5D734-15 PATH
 ← PIDB CABLE ED5D734-25 PATH

J5D003FL-() IDCU
FIG. 28

← POWER CABLE ED5D734-15 PATH
 ← PICB CABLE ED5D734-26 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← POWER CABLE ED5D734-15 PATH
 ← PIDB CABLE ED5D734-25 PATH

COMMON SHELF UNIT (J5D004AG-1)
IN ISLU (J5D004AK)
FIG. 29

← PICB CABLE ED5D734-26 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← POWER CABLE ED5D734-15 PATH
 ← PIDB CABLE ED5D734-25 PATH

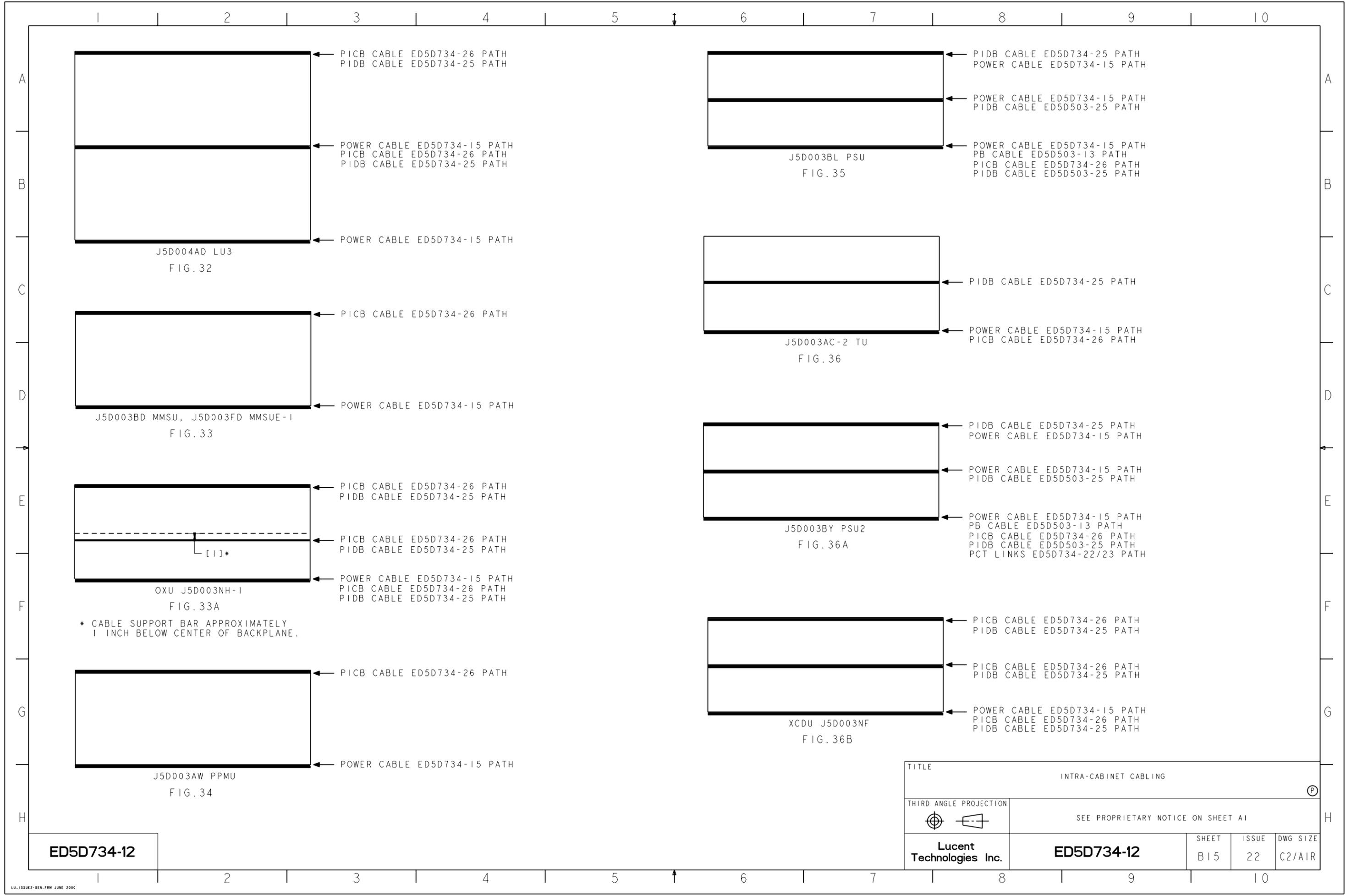
J5D004AL-() ISLU2
FIG. 30

← PICB CABLE ED5D734-26 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← POWER CABLE ED5D734-15 PATH
 ← PICB CABLE ED5D734-26 PATH
 ← PIDB CABLE ED5D734-25 PATH
 ← POWER CABLE ED5D734-15 PATH

J5D004AC LU
FIG. 31

ED5D734-12

TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
		Lucent Technologies Inc.			ED5D734-12		SHEET	ISSUE	DWG SIZE
							B 14	15	C2/AIR

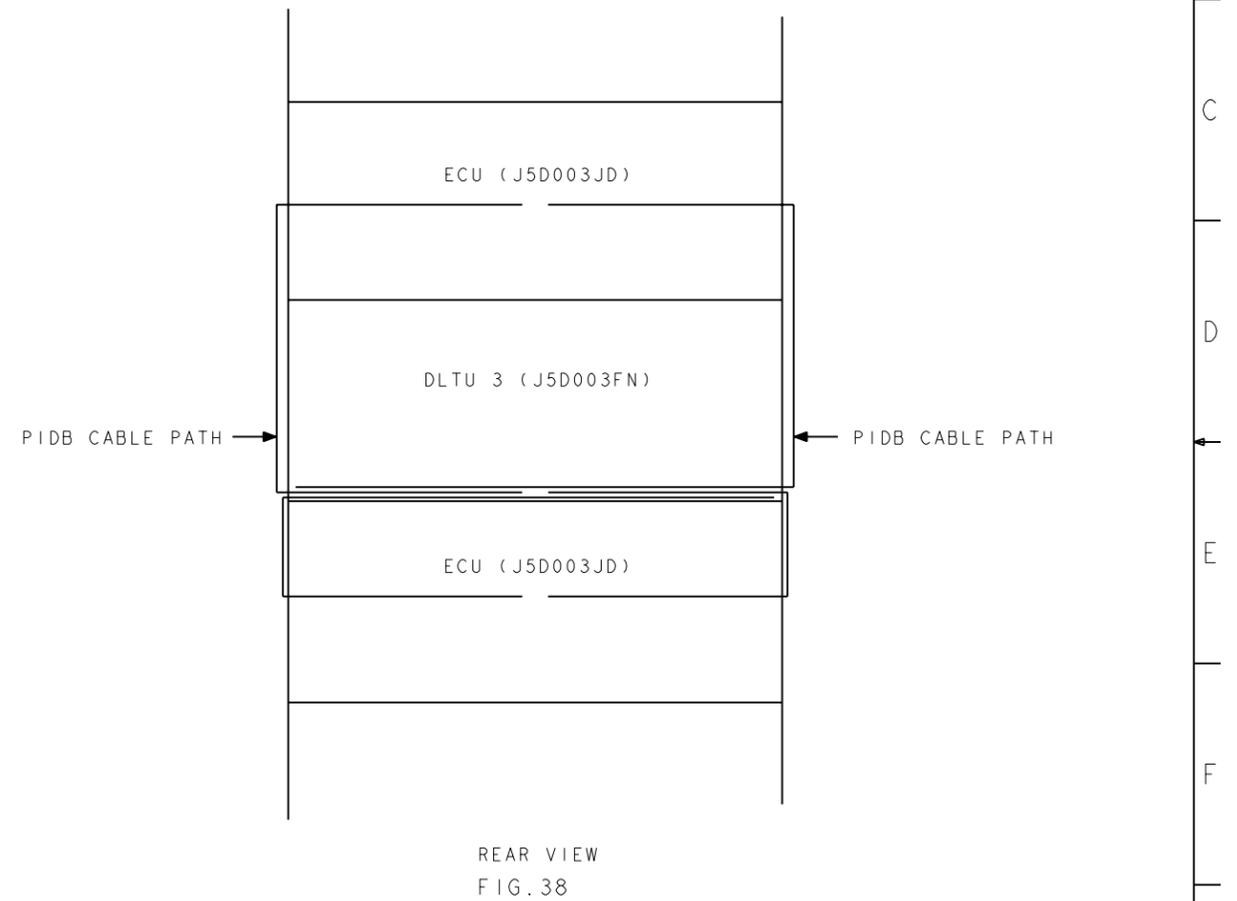
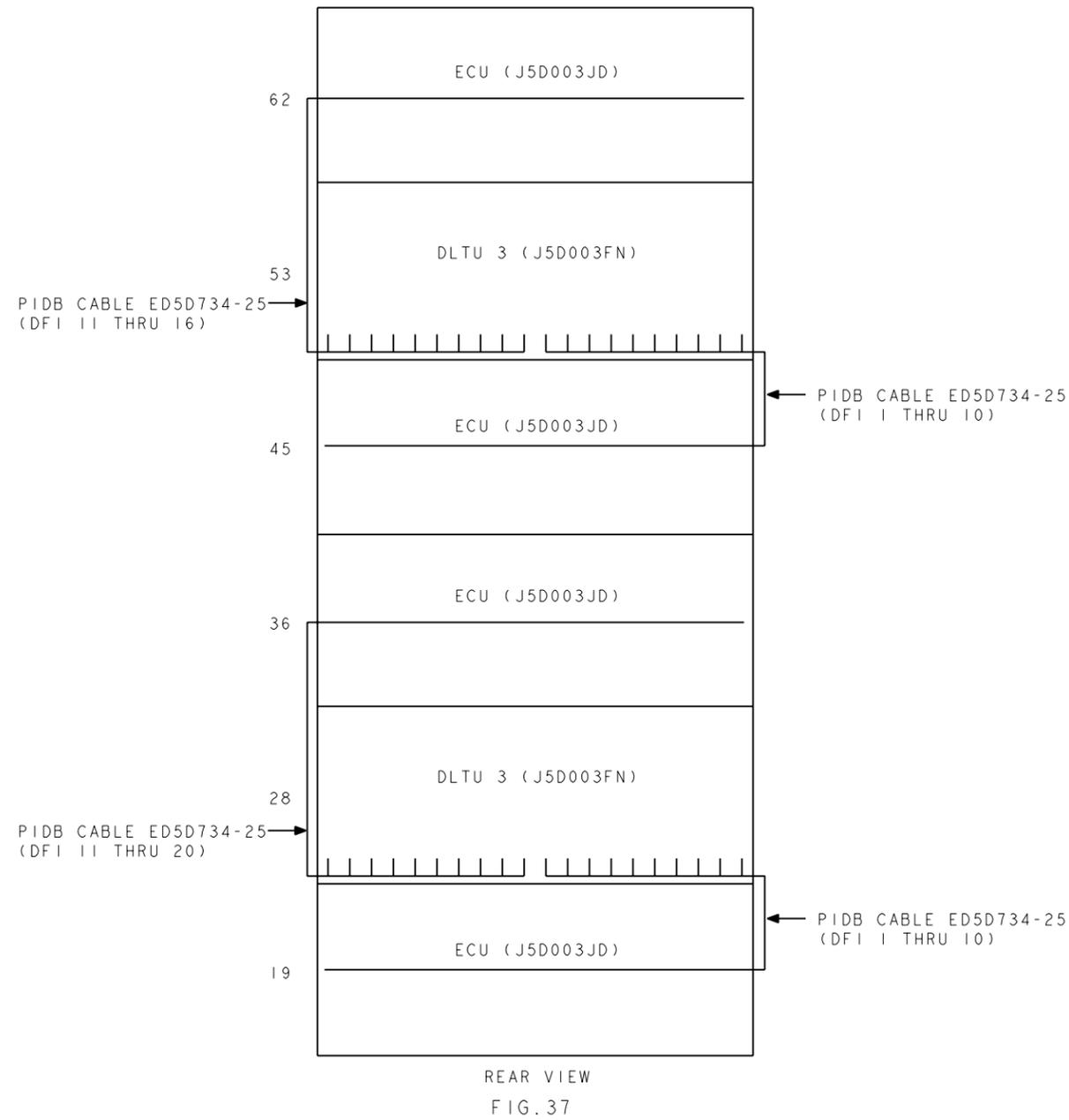


* CABLE SUPPORT BAR APPROXIMATELY 1 INCH BELOW CENTER OF BACKPLANE.

ED5D734-12

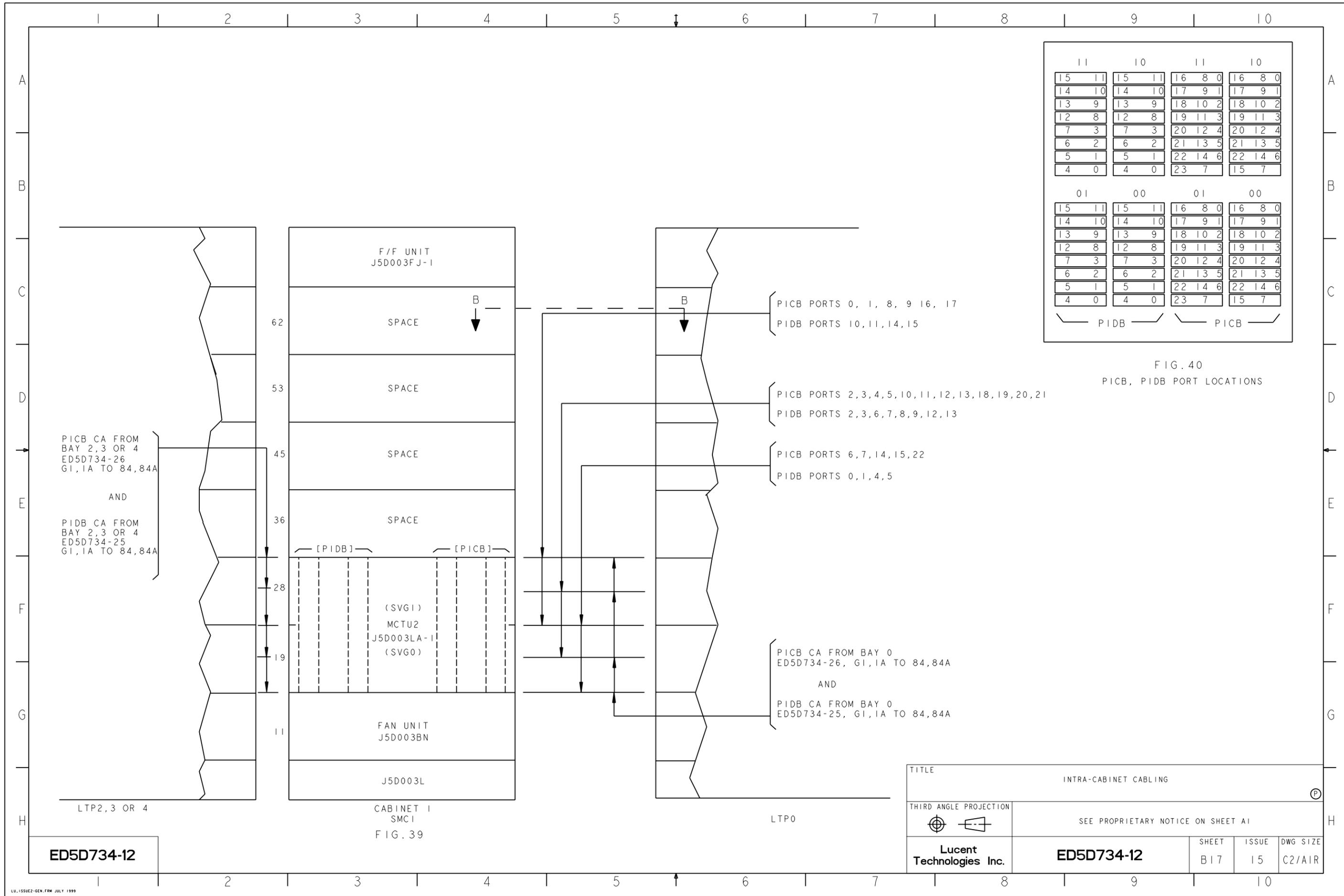
TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.		ED5D734-12		
	SHEET	ISSUE	DWG SIZE	
	B15	22	C2/AIR	

NOTE: 1). INTRA-CABINET CABLES FOR ALL UNITS WILL BE DRESSED AS FOLLOWS:
 A). THE TOP UNIT WILL ALWAYS CONTROL THE DRESSING.
 B). ACTUAL DRESSING OF THE CABLES FOLLOWS AN ESTABLISHED PATTERN OF DRESSING.
 (I.E. CABLE FROM EQL 000 TO 092 IS DRESSED TO THE RIGHT AND EQL 093 TO 185 IS DRESSED TO THE LEFT).



ED5D734-12

TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12			SHEET	ISSUE	DWG SIZE		
					B16	15	C2/A1R		



PICB CA FROM
BAY 2,3 OR 4
ED5D734-26
G1,1A TO 84,84A

AND

PIDB CA FROM
BAY 2,3 OR 4
ED5D734-25
G1,1A TO 84,84A

PICB PORTS 0, 1, 8, 9, 16, 17
PIDB PORTS 10, 11, 14, 15

PICB PORTS 2, 3, 4, 5, 10, 11, 12, 13, 18, 19, 20, 21
PIDB PORTS 2, 3, 6, 7, 8, 9, 12, 13

PICB PORTS 6, 7, 14, 15, 22
PIDB PORTS 0, 1, 4, 5

PICB CA FROM BAY 0
ED5D734-26, G1, 1A TO 84, 84A

AND

PIDB CA FROM BAY 0
ED5D734-25, G1, 1A TO 84, 84A

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
		B17	15	C2/AIR

ED5D734-12

CABINET 1
SMC1
FIG. 39

LTP0

LTP2,3 OR 4

1 2 3 4 5 6 7 8 9 10

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

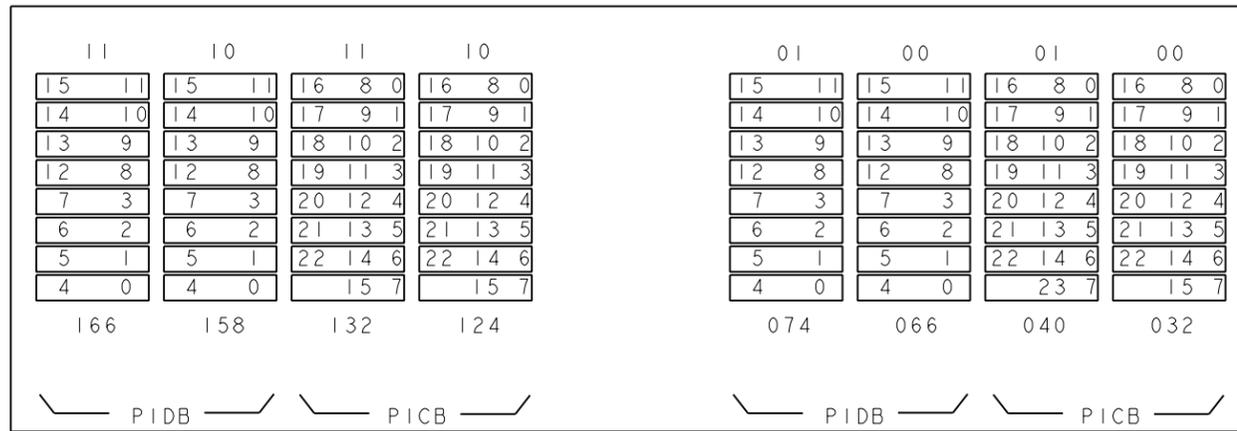
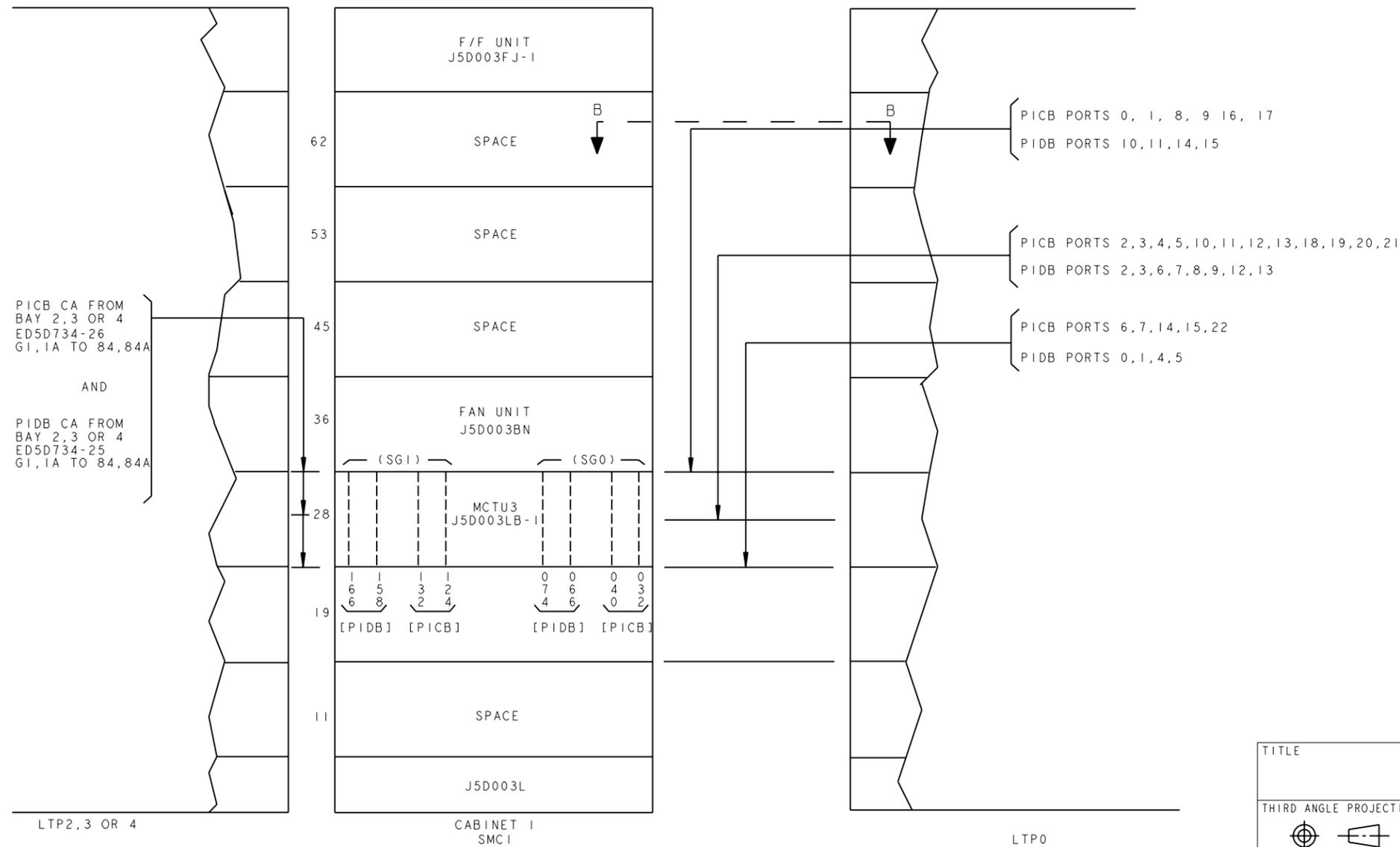


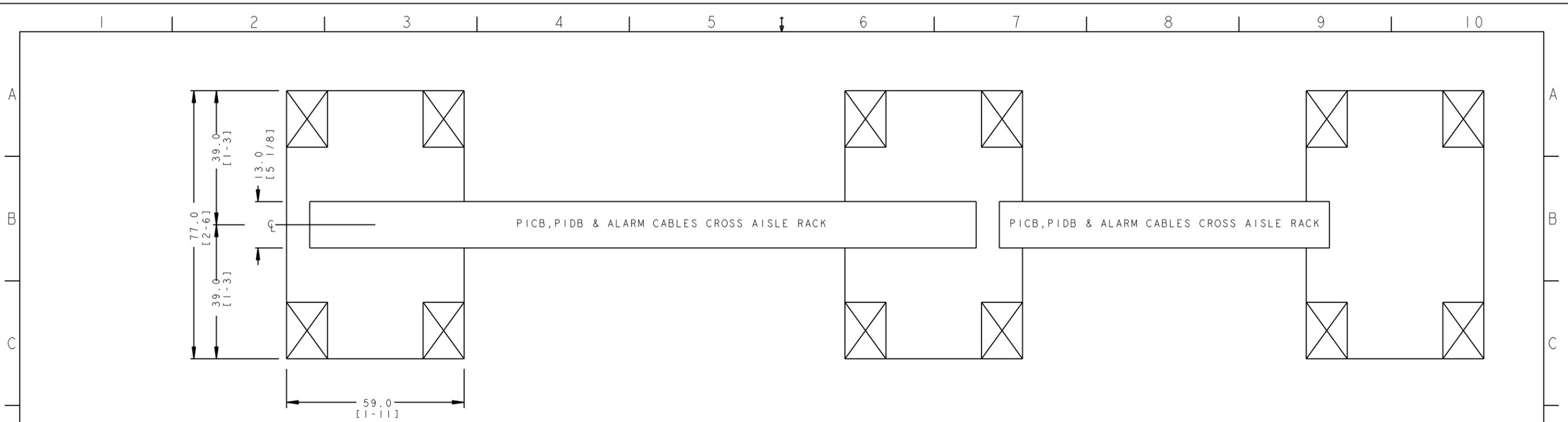
FIG. 42
PICB, PIDB PORT LOCATIONS
MCTU3



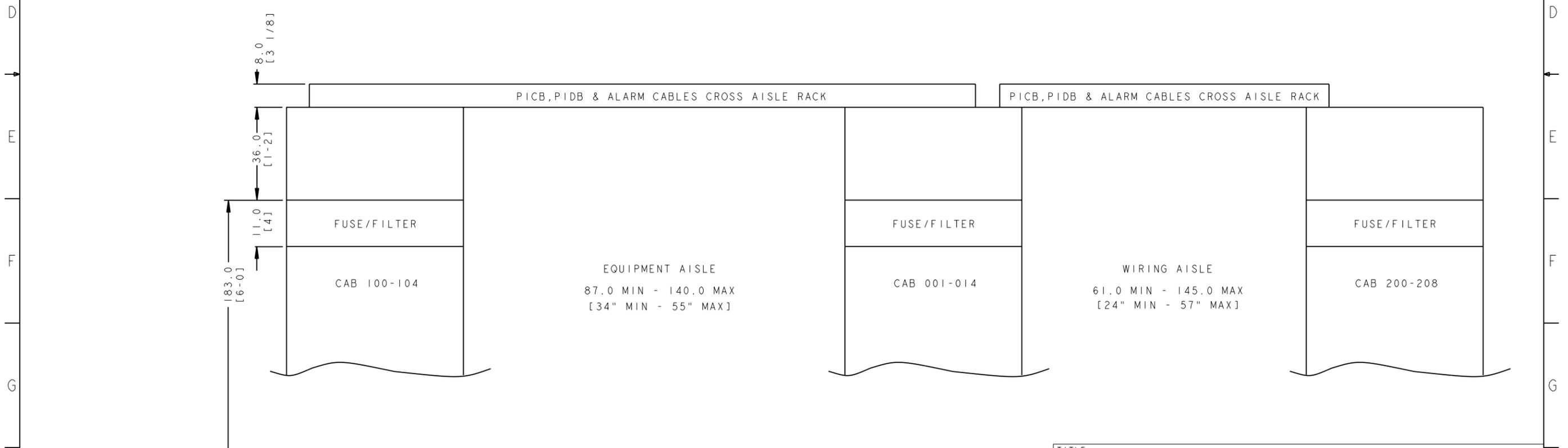
TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE			
				B18	15	C2/AIR			

ED5D734-12

1 2 3 4 5 6 7 8 9 10



TOP VIEW



SIDE VIEW

FIG. 43
CROSS AISLE CABINET ARRANGEMENT

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B19	15	C2/AIR

ED5D734-12

ED5D734-12

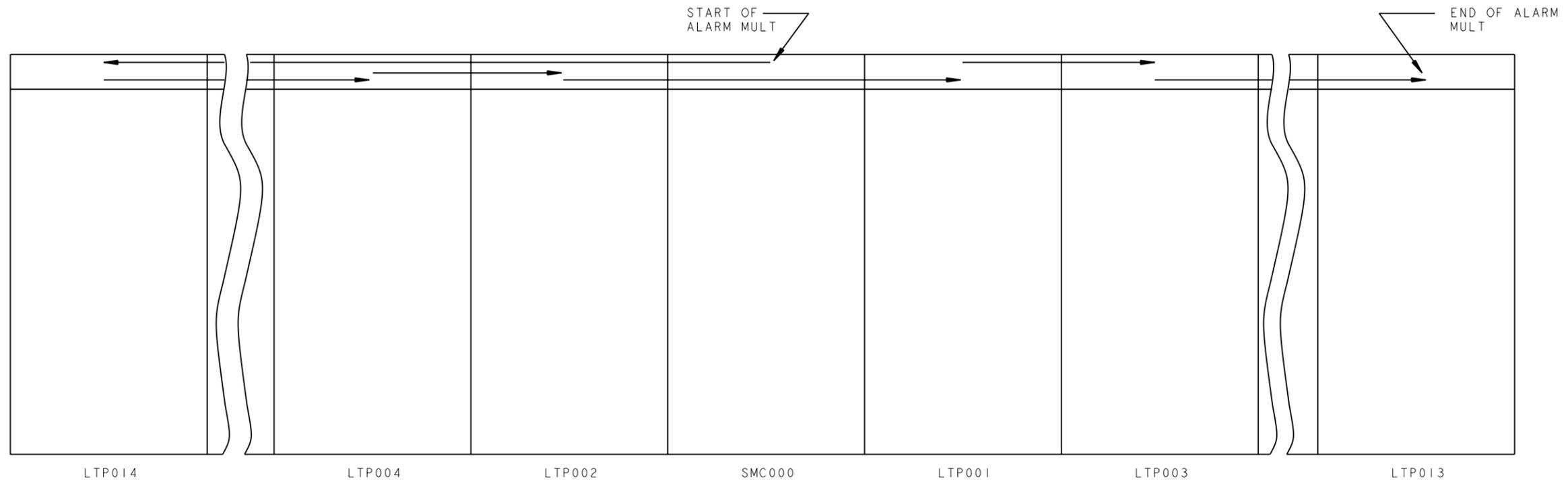
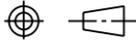


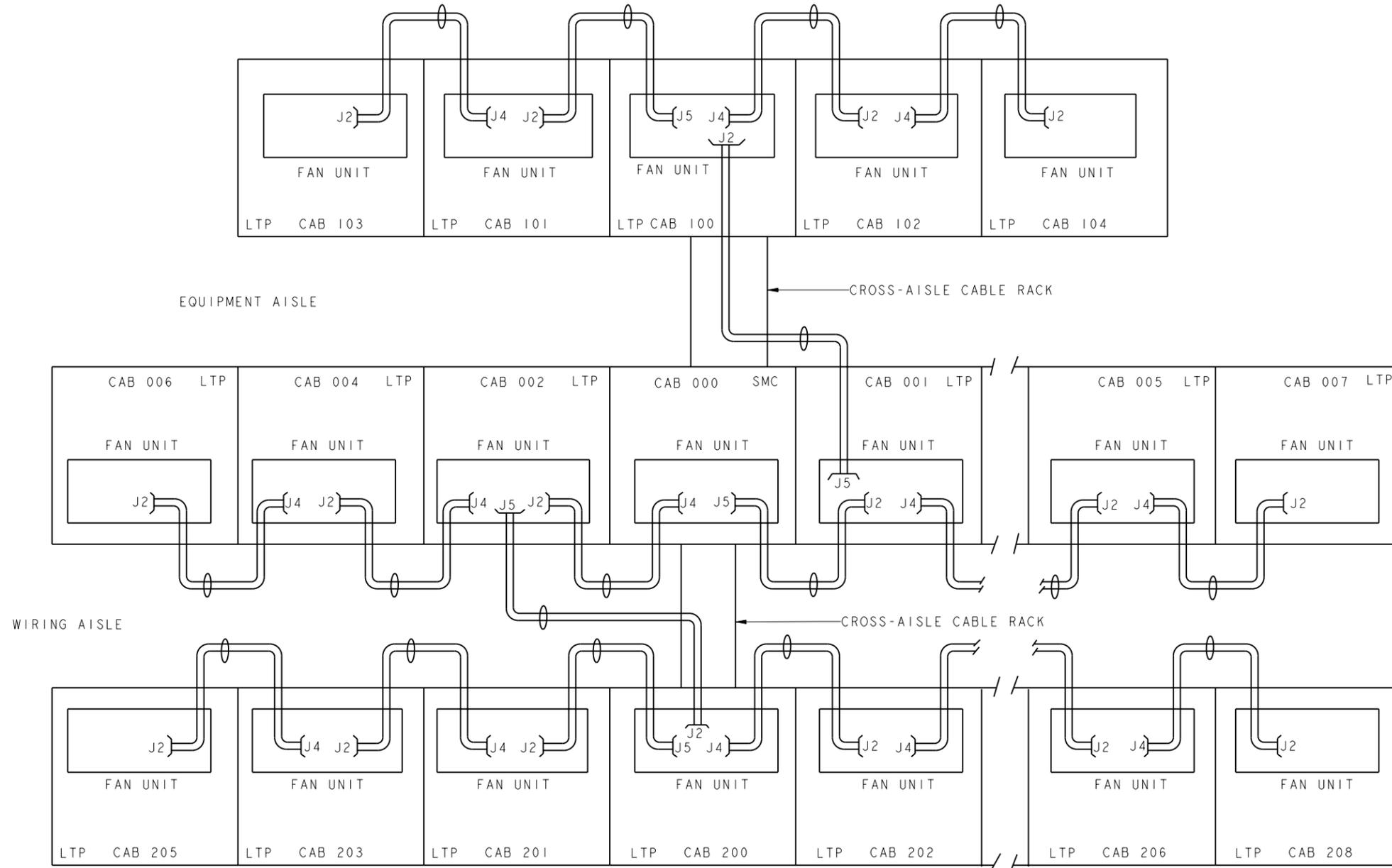
FIG. 44
 TYPICAL METHOD OF RUNNING FUSE (SEE FIG. 44A,
 44B, 44C AND 44D FOR FAN ALARM MULT)
 FOR SM2000 (IN SINGLE LINE-UP)

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B20	15	C2/AIR

ED5D734-12

FIG. 44A
 INTER-CABINET FAN ALARM SCAN/DISTRIBUTE MULT
 (EXAMPLE CROSS-AISLE ARRANGEMENT)

- NOTE:
 1. CABLING IS TO CROSS-AISLE AT SMC CABINET
 2. SEE ED5D867-10 FOR OLD FAN MULT



TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B21	15	C2/AIR

ED5D734-12

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10

A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H

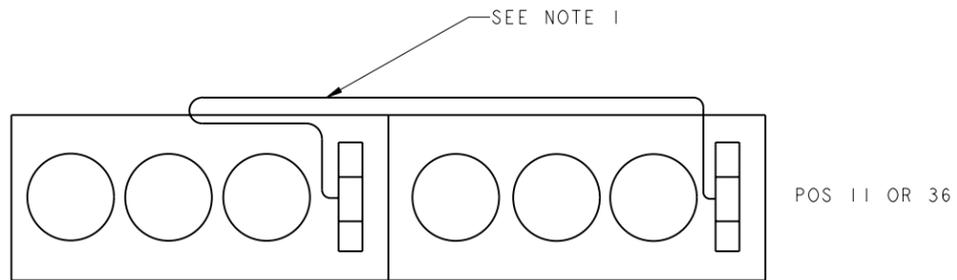


FIG. 44B

NOTE 1: WHEN MULT IS TO ADJACENT CABINET AND BOTH FANS ARE IN MOUNTING POS 11 OR 36, DRESS CABLE AND EXTRA LENGTH ON TOP CABLE SUPPORT BAR (FIG. 44B).

NOTE 2: WHEN CABLING FROM FAN IS POS 36, DRESS CABLE ON BOTTOM CABLE SUPPORT BAR AND DRESS CABLE ON TOP CABLE SUPPORT BAR FOR FAN IN POS 11 (FIG. 44C AND 44D).

NOTE 3: CONNECTORS STAMPED FAN-OUT (PINS 400 OR 500) ARE TERMINATED ON PRECEDING FAN UNIT AND CONNECTORS STAMPED FAN-IN (PIN 200) ARE TERMINATED ON SUCCEEDING FAN UNIT. SEE FIG. 44A.

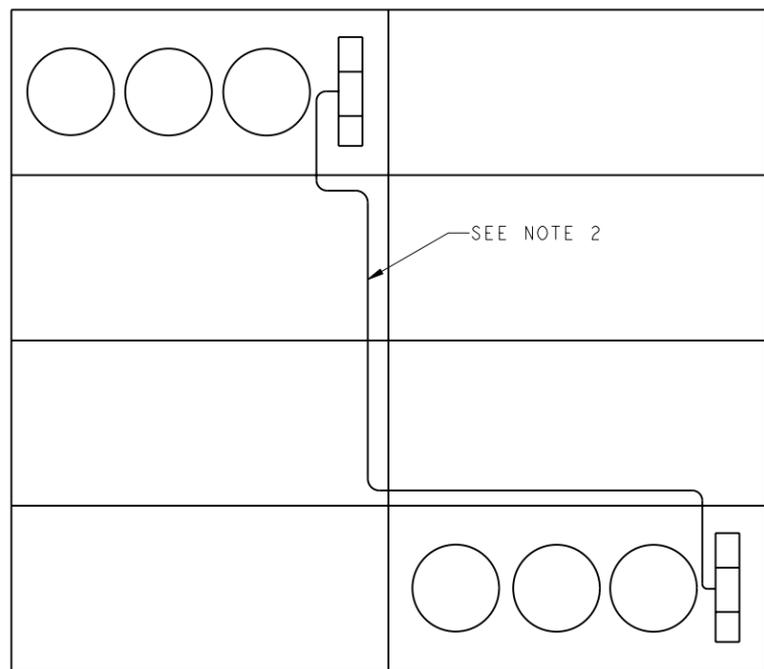


FIG. 44C

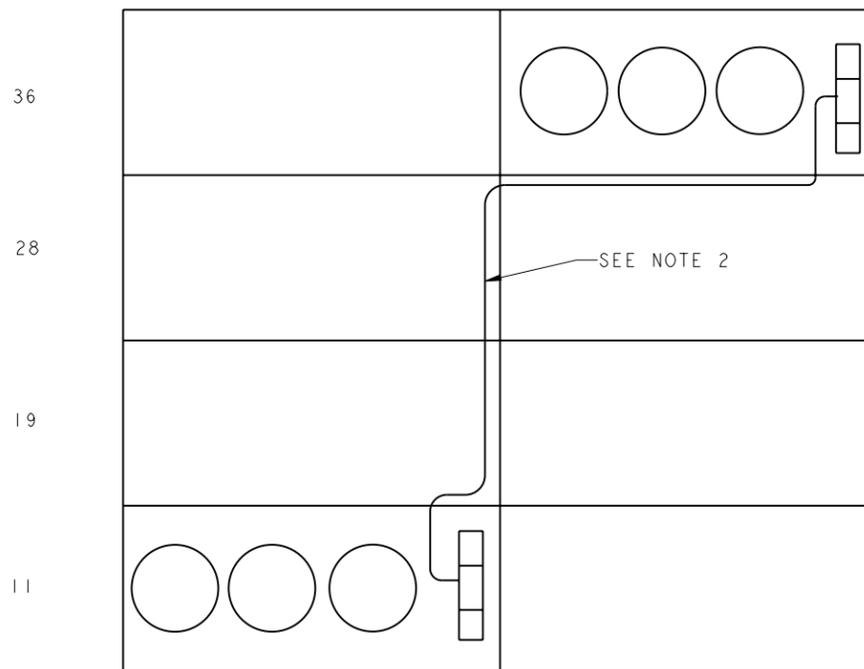


FIG. 44D

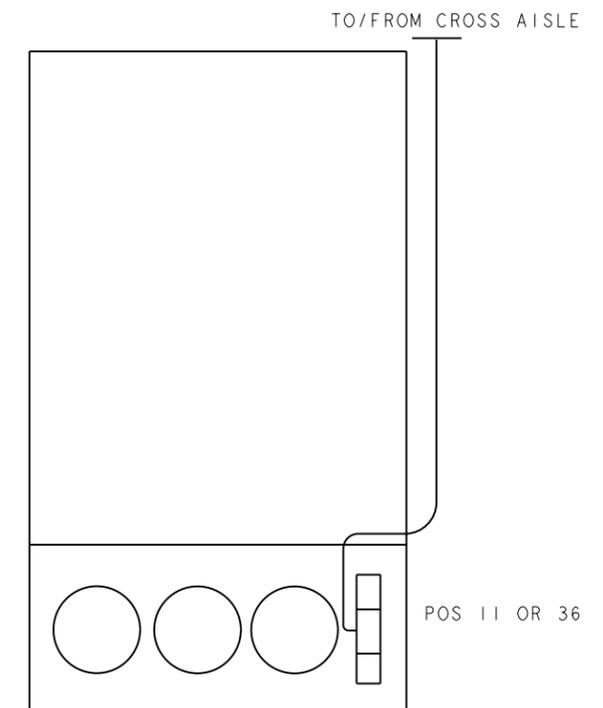
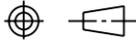
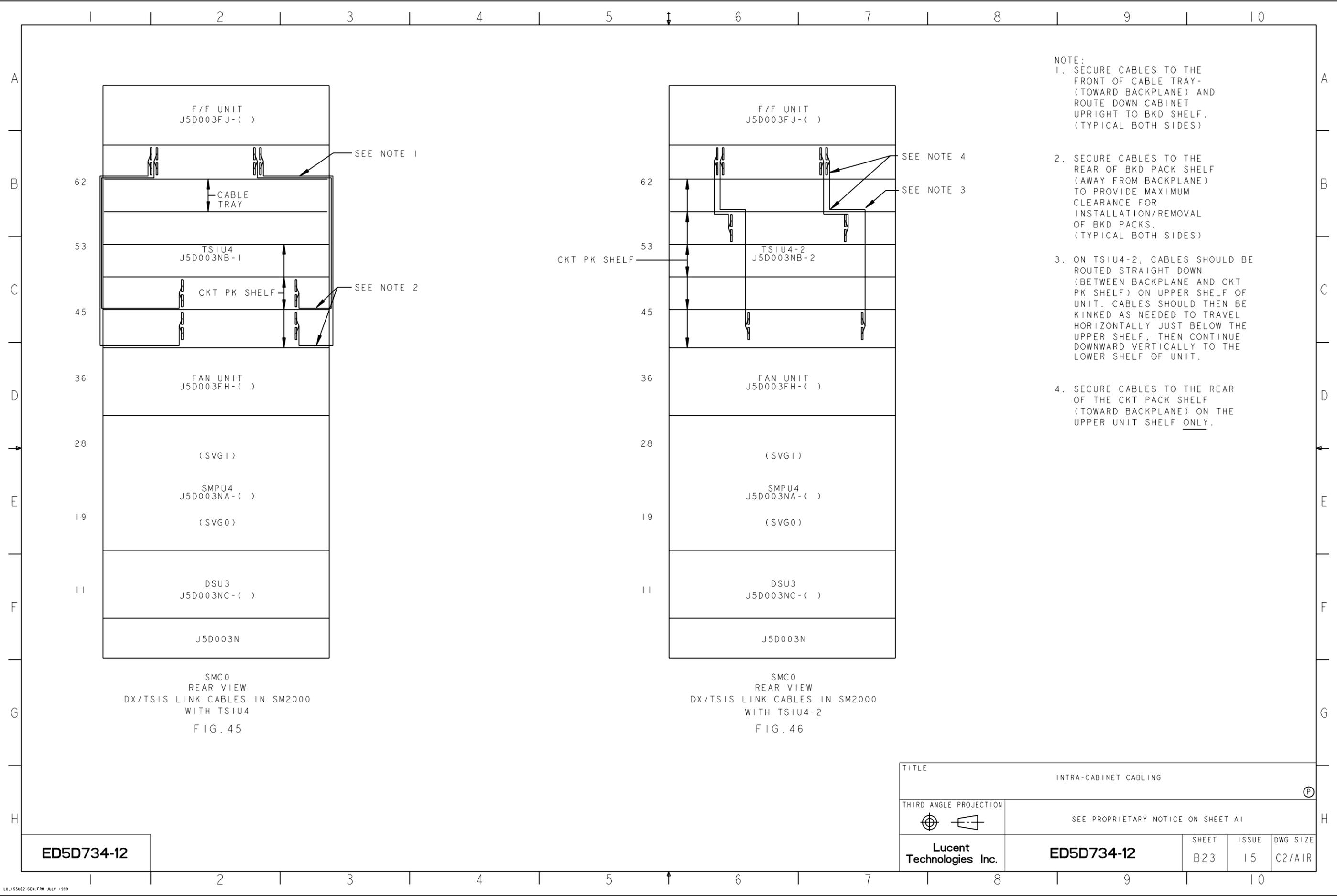


FIG. 44E

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B22	15	C2/AIR

ED5D734-12

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10



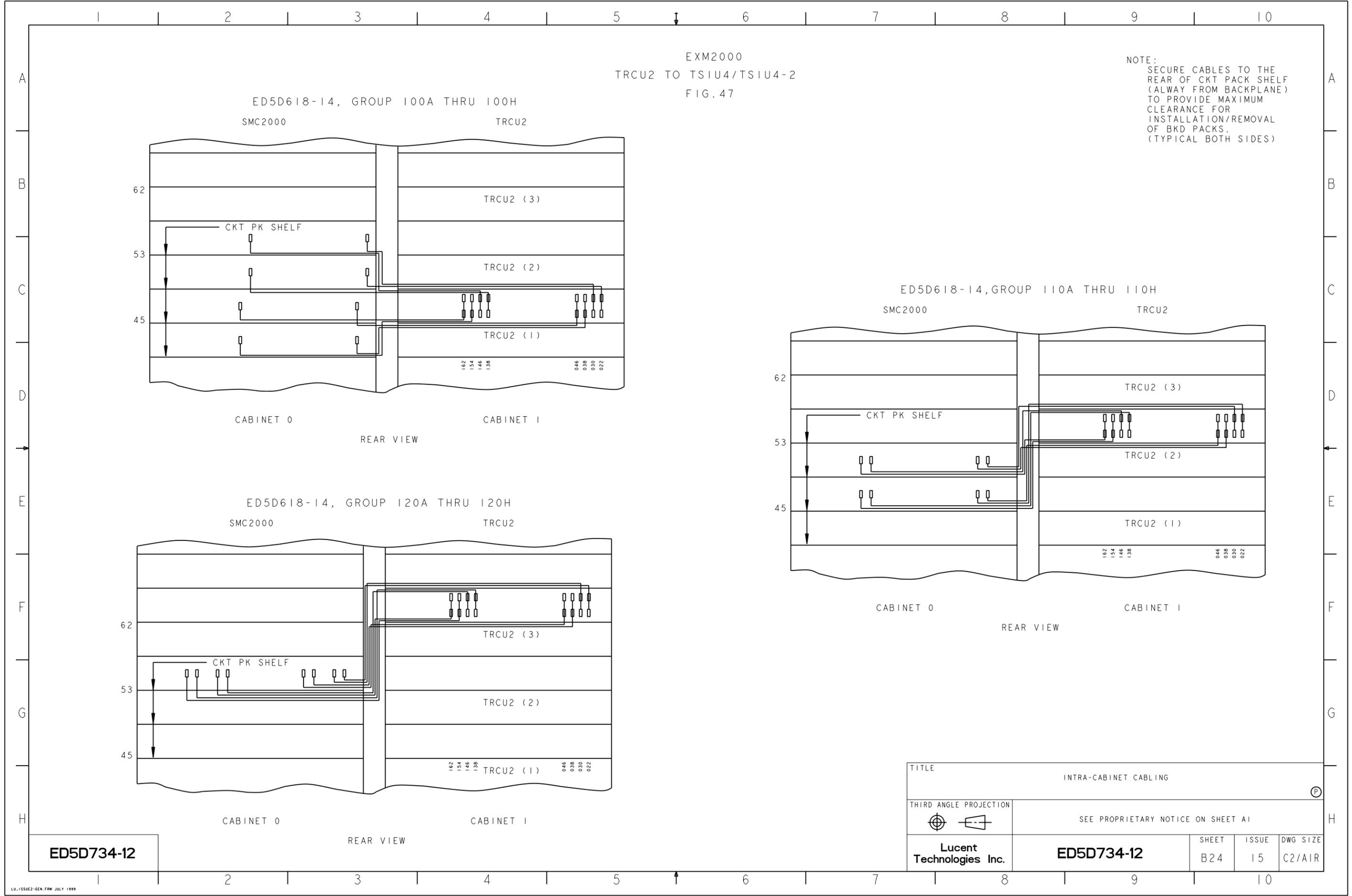
- NOTE:
1. SECURE CABLES TO THE FRONT OF CABLE TRAY- (TOWARD BACKPLANE) AND ROUTE DOWN CABINET UPRIGHT TO BKD SHELF. (TYPICAL BOTH SIDES)
 2. SECURE CABLES TO THE REAR OF BKD PACK SHELF (AWAY FROM BACKPLANE) TO PROVIDE MAXIMUM CLEARANCE FOR INSTALLATION/REMOVAL OF BKD PACKS. (TYPICAL BOTH SIDES)
 3. ON TSIU4-2, CABLES SHOULD BE ROUTED STRAIGHT DOWN (BETWEEN BACKPLANE AND CKT PK SHELF) ON UPPER SHELF OF UNIT. CABLES SHOULD THEN BE KINKED AS NEEDED TO TRAVEL HORIZONTALLY JUST BELOW THE UPPER SHELF, THEN CONTINUE DOWNWARD VERTICALLY TO THE LOWER SHELF OF UNIT.
 4. SECURE CABLES TO THE REAR OF THE CKT PACK SHELF (TOWARD BACKPLANE) ON THE UPPER UNIT SHELF ONLY.

SMC0
REAR VIEW
DX/TSIS LINK CABLES IN SM2000
WITH TSIU4
FIG. 45

SMC0
REAR VIEW
DX/TSIS LINK CABLES IN SM2000
WITH TSIU4-2
FIG. 46

TITLE					INTRA-CABINET CABLING					(P)
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1					
		Lucent Technologies Inc.			ED5D734-12		SHEET	ISSUE	DWG SIZE	
							B23	15	C2/A1R	

ED5D734-12



EXM2000
TRCU2 TO TSIU4/TSIU4-2
FIG. 47

NOTE:
SECURE CABLES TO THE
REAR OF CKT PACK SHELF
(ALWAY FROM BACKPLANE)
TO PROVIDE MAXIMUM
CLEARANCE FOR
INSTALLATION/REMOVAL
OF BKD PACKS.
(TYPICAL BOTH SIDES)

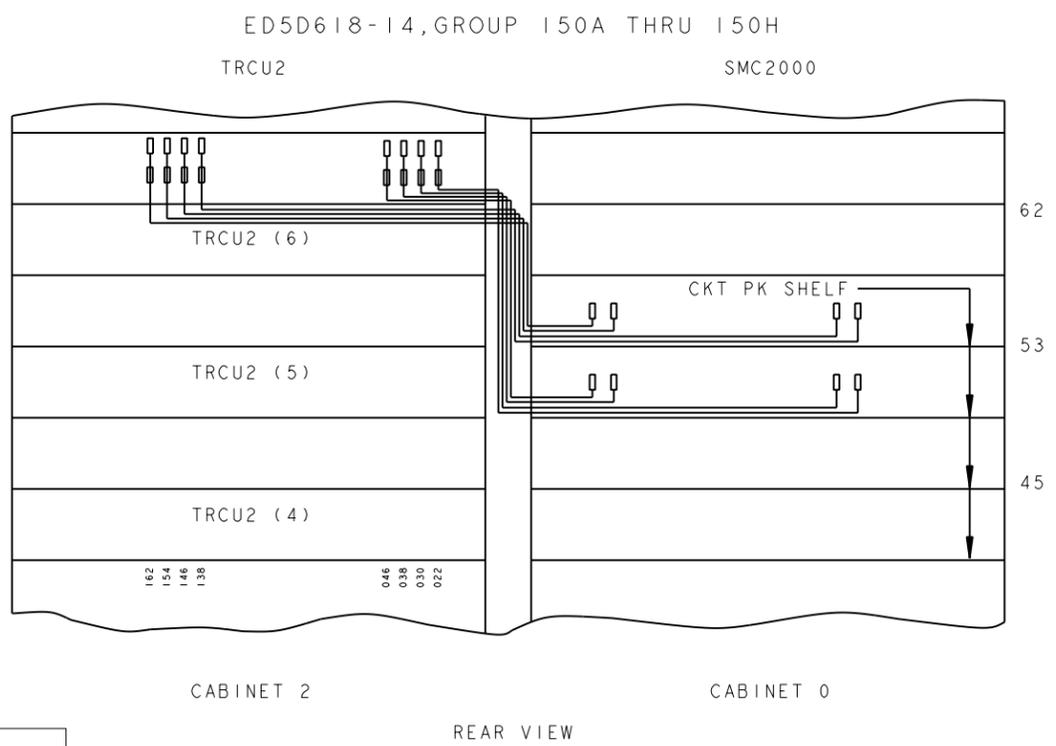
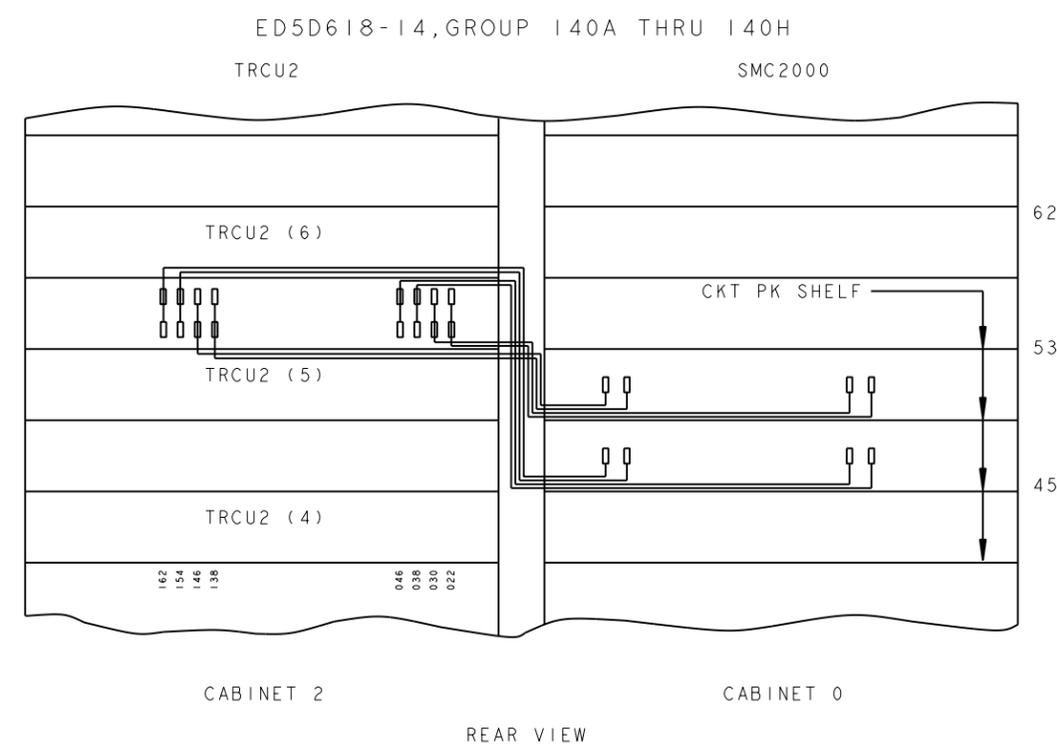
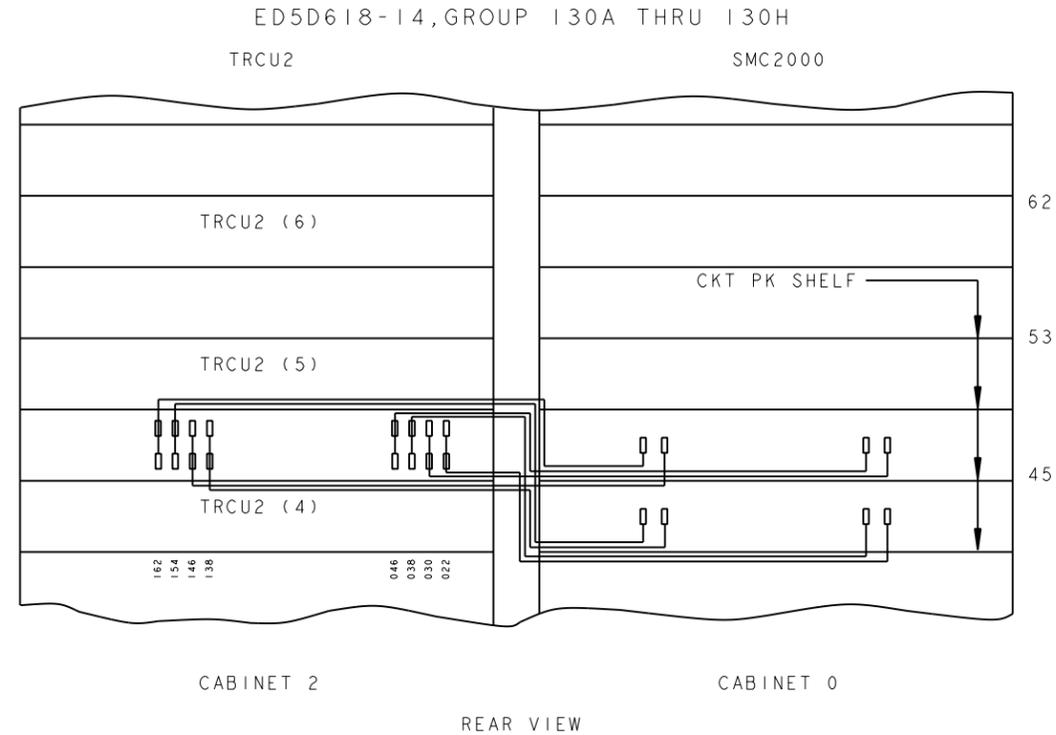
ED5D618-14, GROUP 110A THRU 110H
SMC2000 TRCU2

TITLE					INTRA-CABINET CABLING					(P)
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1					
					Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE
				B24	15	C2/AIR				

ED5D734-12

EXM2000
TRCU2 TO TSIU4/TSIU4-2
FIG. 47 CONT.

NOTE:
SECURE CABLES TO THE
REAR OF CKT PK SHELF
(ALWAY FROM BACKPLANE)
TO PROVIDE MAXIMUM
CLEARANCE FOR
INSTALLATION/REMOVAL
OF BKD PACKS.
(TYPICAL BOTH SIDES)



TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.		ED5D734-12	SHEET B25	ISSUE 15
			DWG SIZE C2/AIR	

ED5D734-12

1 2 3 4 5 6 7 8 9 10

A

A

B

B

C

C

D

D

E

E

F

F

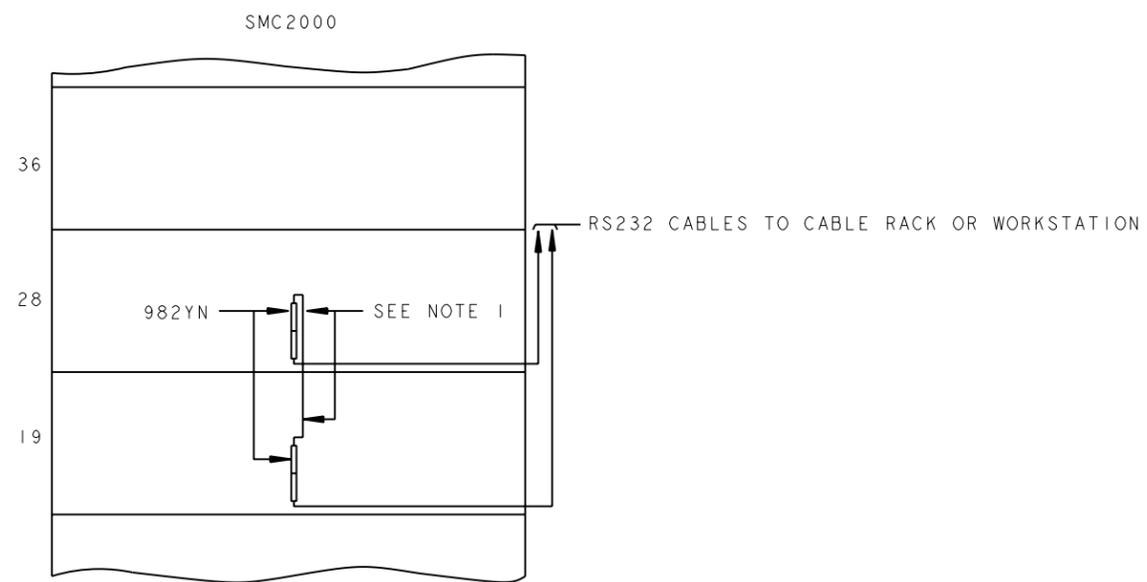
G

G

H

H

NOTE:
1. KEYED 8 PIN MODULAR CONNECTOR
CONNECTS TO TOP JACK ON 982YN
PADDLE BOARD.



CABINET 0
REAR VIEW

AWS/SM2000
VCDX/SM2000
FIG. 48

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET B26	ISSUE 15	DWG SIZE C2/A1R

ED5D734-12

1 2 3 4 5 6 7 8 9 10

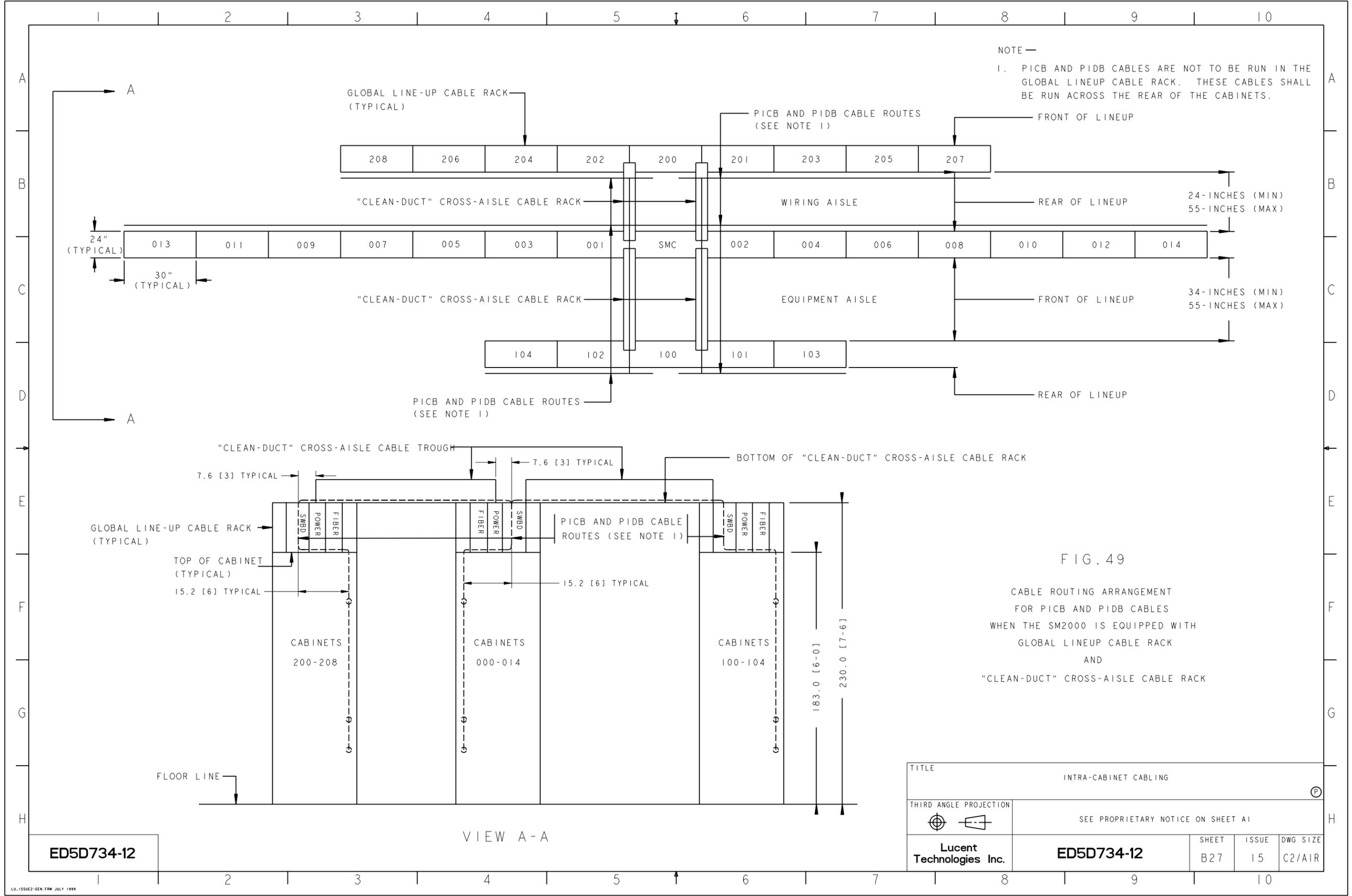


FIG. 49

CABLE ROUTING ARRANGEMENT
 FOR PICB AND PIDB CABLES
 WHEN THE SM2000 IS EQUIPPED WITH
 GLOBAL LINEUP CABLE RACK
 AND
 "CLEAN-DUCT" CROSS-AISLE CABLE RACK

TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE			
				B27	15	C2/AIR			

ED5D734-12

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING INFORMATION FOR UNITS EQUIPPED WITH TOWEL BARS

45

SIDE 1

SIDE 0

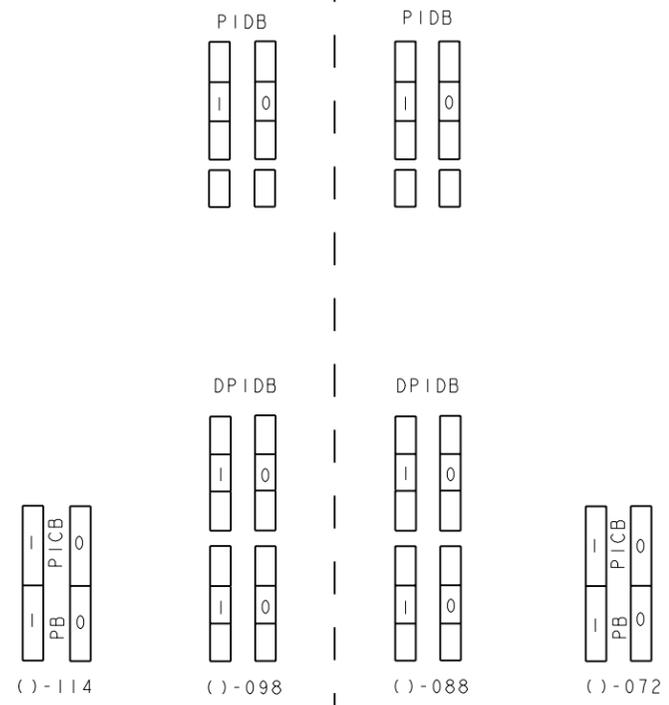


FIG. 50
PSU (REAR VIEW)
PICB/PIDB/DPIDB PORT LOCATIONS

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B28	17	C2/AIR

ED5D734-12

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING INFORMATION FOR UNITS EQUIPPED WITH TOWEL BARS

45

SIDE 1

SIDE 0

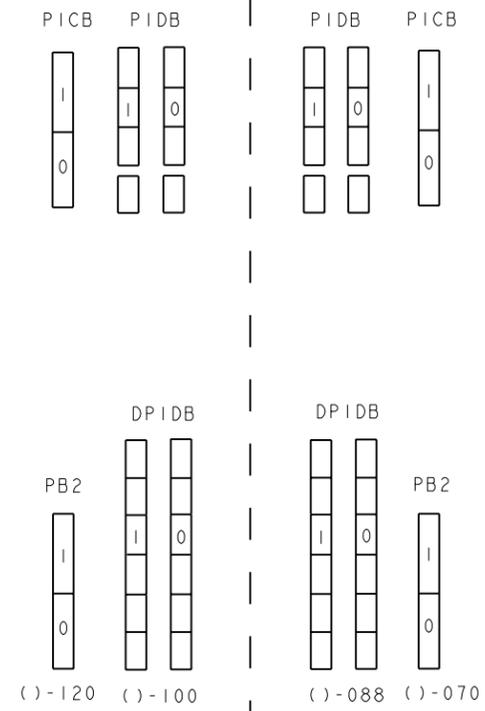


FIG. 51
PSU2 (REAR VIEW)
PICB/PIDB/DPIDB PORT LOCATIONS

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B29	17	C2/AIR

ED5D734-12

SHEET NOTE 1: SEE SK. J FOR CABLE DRESSING INFORMATION FOR UNITS EQUIPPED WITH TOWEL BARS

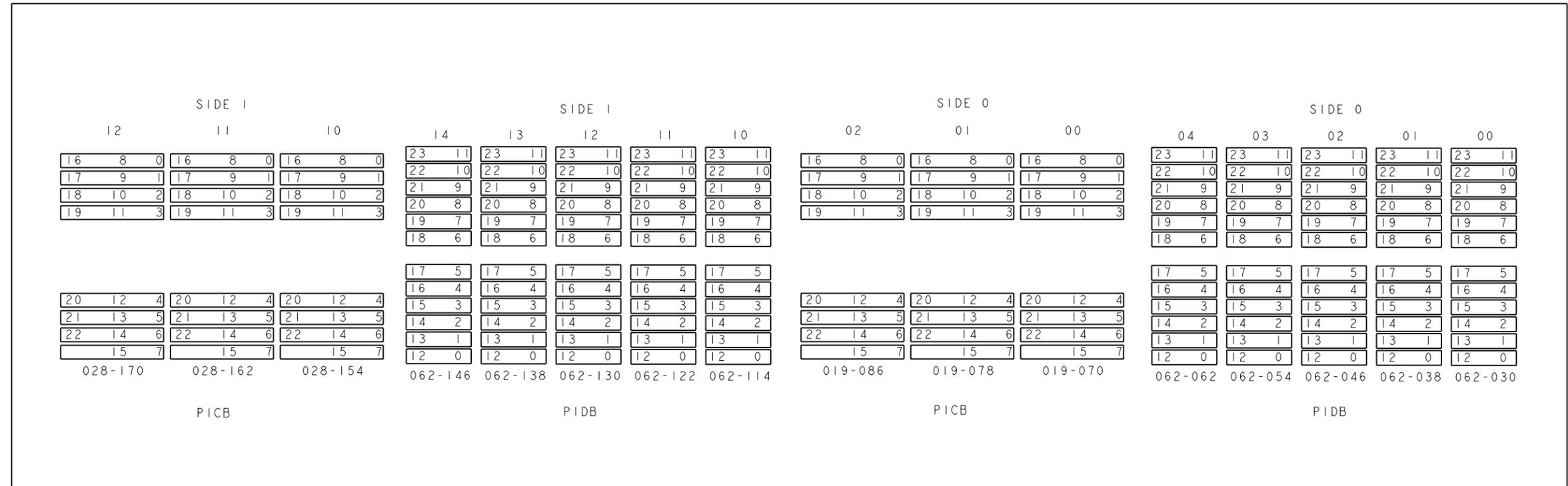


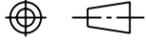
FIG. 52
OXU (REAR VIEW)
PICB/PIDB PORT LOCATIONS

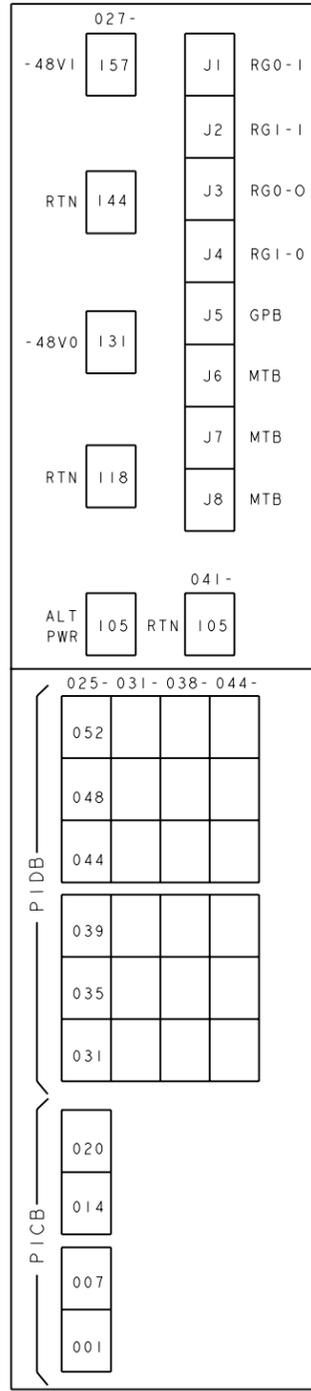
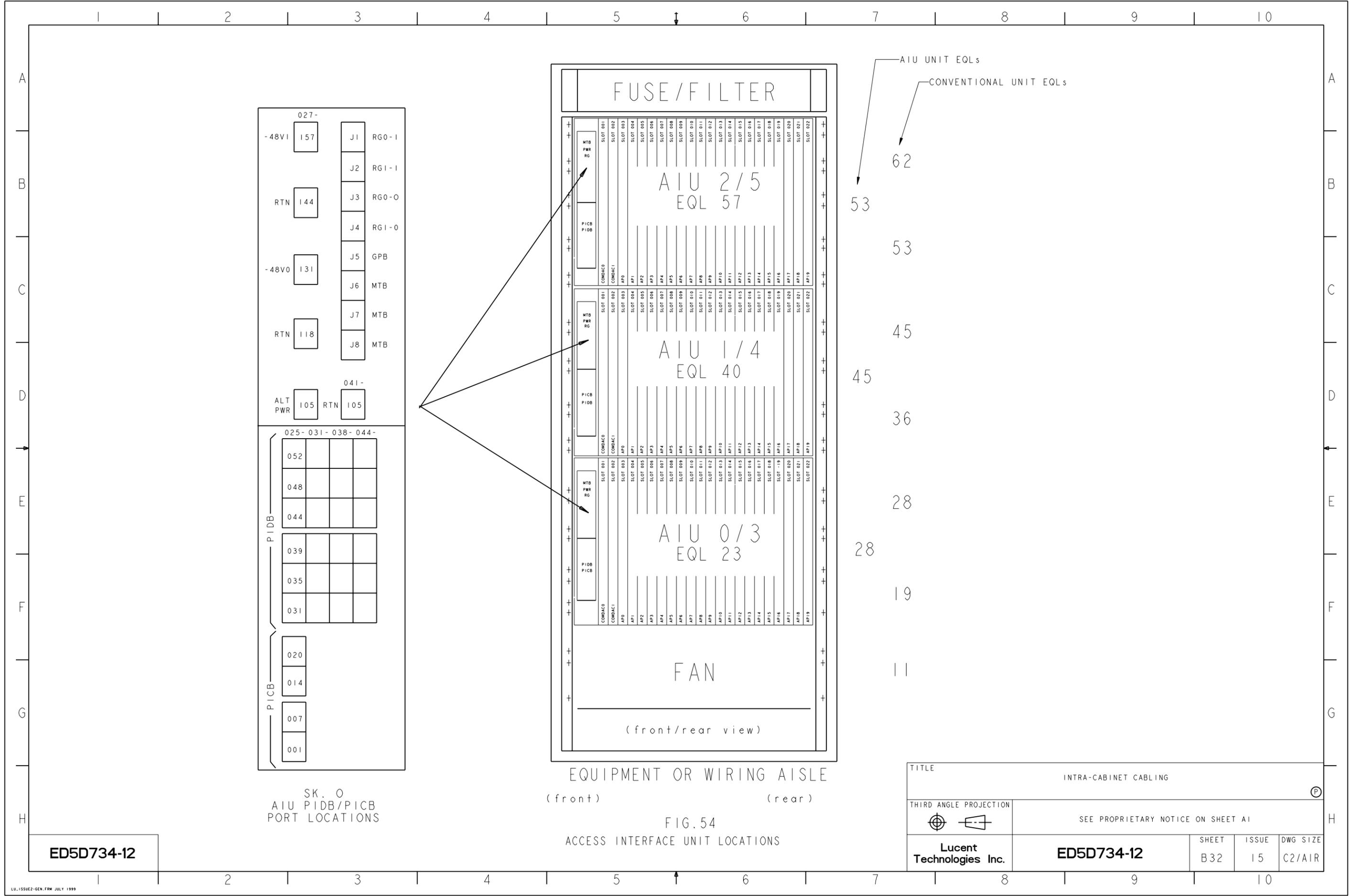
ED5D734-12

TITLE					INTRA-CABINET CABLING					(P)
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1					
					SHEET		ISSUE		DWG SIZE	
					B30		17		C2/AIR	

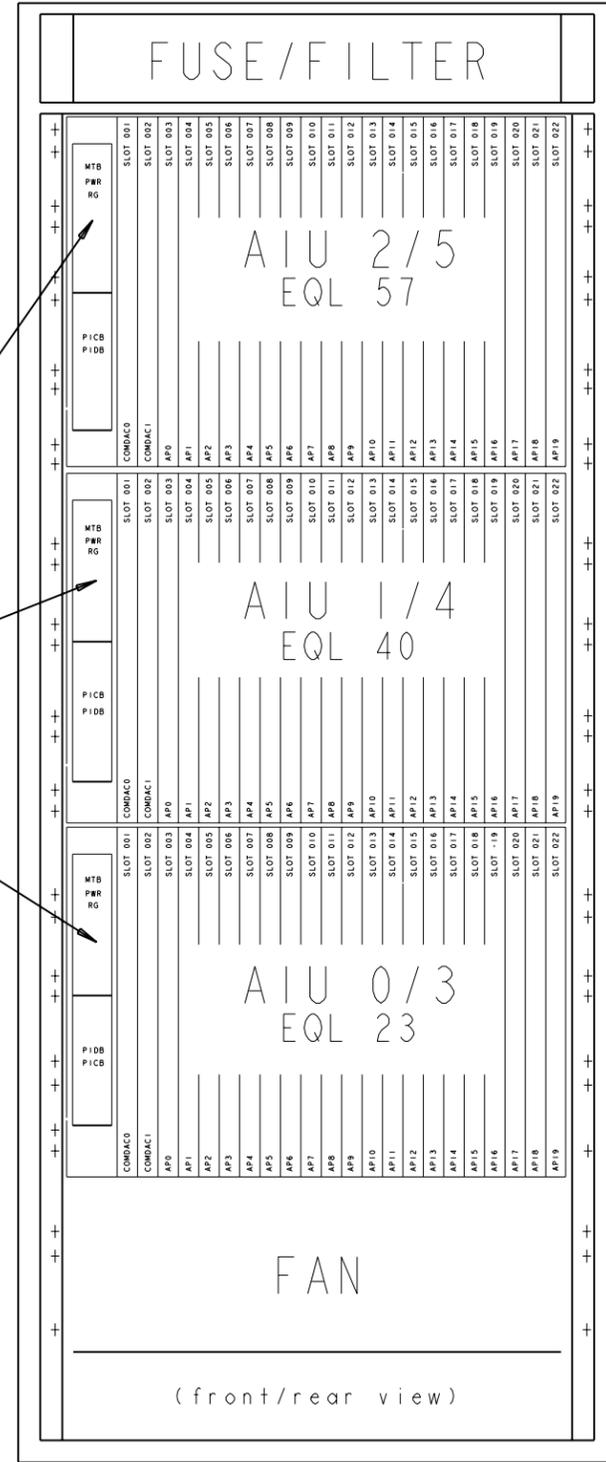
RESERVED FOR FUTURE USE.

ED5D734-12

TITLE					INTRA-CABINET CABLING						
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1						
					Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE
							B31		21		C2/AIR

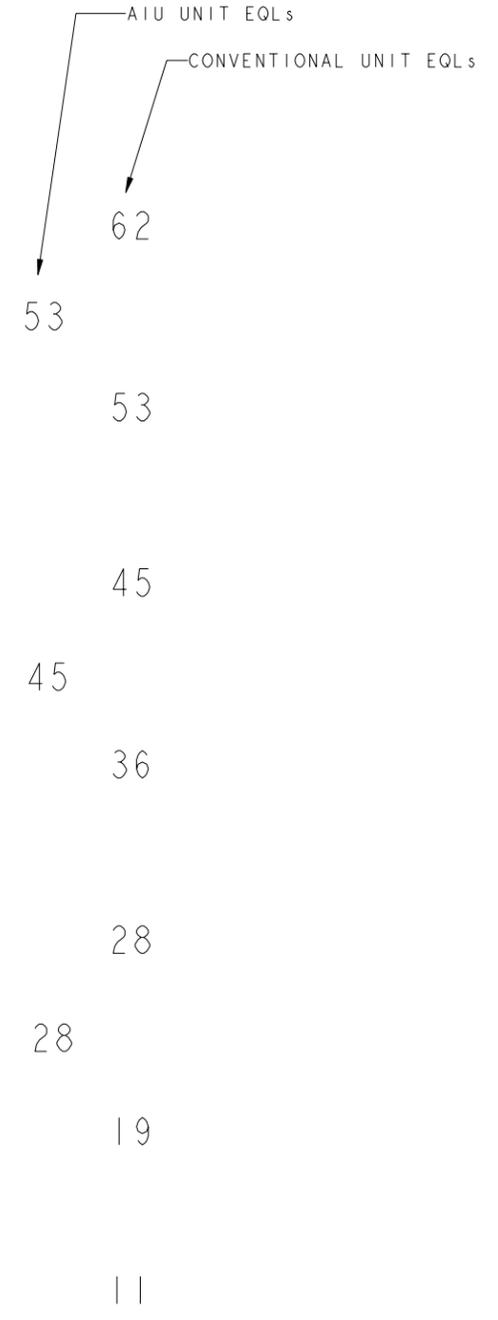


SK. 0
AIU PIDB/PICB
PORT LOCATIONS



EQUIPMENT OR WIRING AISLE
(front) (rear)

FIG. 54
ACCESS INTERFACE UNIT LOCATIONS



TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET B32	ISSUE 15	DWG SIZE C2/AIR

ED5D734-12

T/R CABLES
MAIN TRAY (TYP)

PICB/PIDB
MAIN TRAY (TYP)

TIP/RING
CABLES
AUXILIARY TRAY
(TYPICAL)

FRONT
(EQUIPMENT SIDE) REAR
(WIRING SIDE)

5ESS-2000 GLOBAL FAC CABINET
SIDE VIEW
FIG. 55

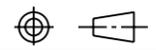
T/R CABLES
SUPPORT BAR

PIDB/PICB CABLE
SUPPORT BAR

FRONT
(EQUIPMENT SIDE) REAR
(WIRING SIDE)

5ESS CLASSIC SWITCH CABINET
SIDE VIEW
FIG. 56

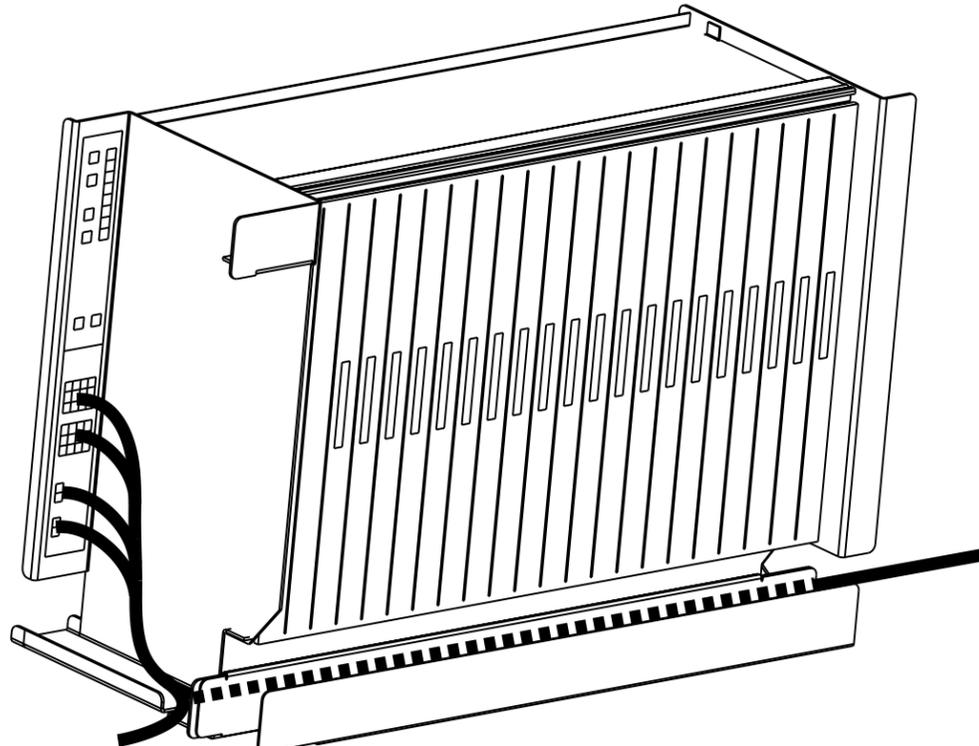
ED5D734-12

TITLE					INTRA-CABINET CABLING					(P)	
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1						
					Lucent Technologies Inc.		ED5D734-12		SHEET	ISSUE	DWG SIZE
									B33	15	C2/A1R

1 2 3 4 5 6 7 8 9 10

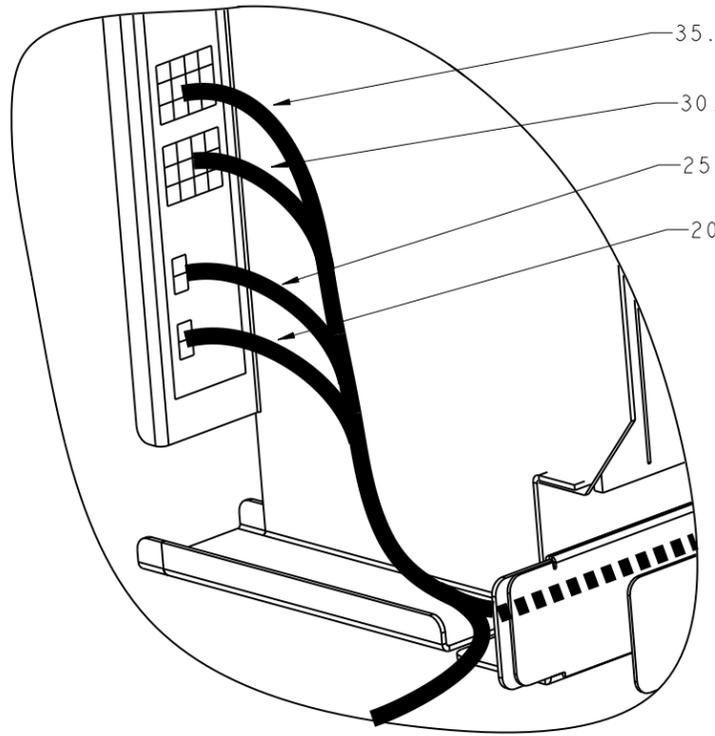
A
B
C
D
E
F
G
H

A
B
C
D
E
F
G
H



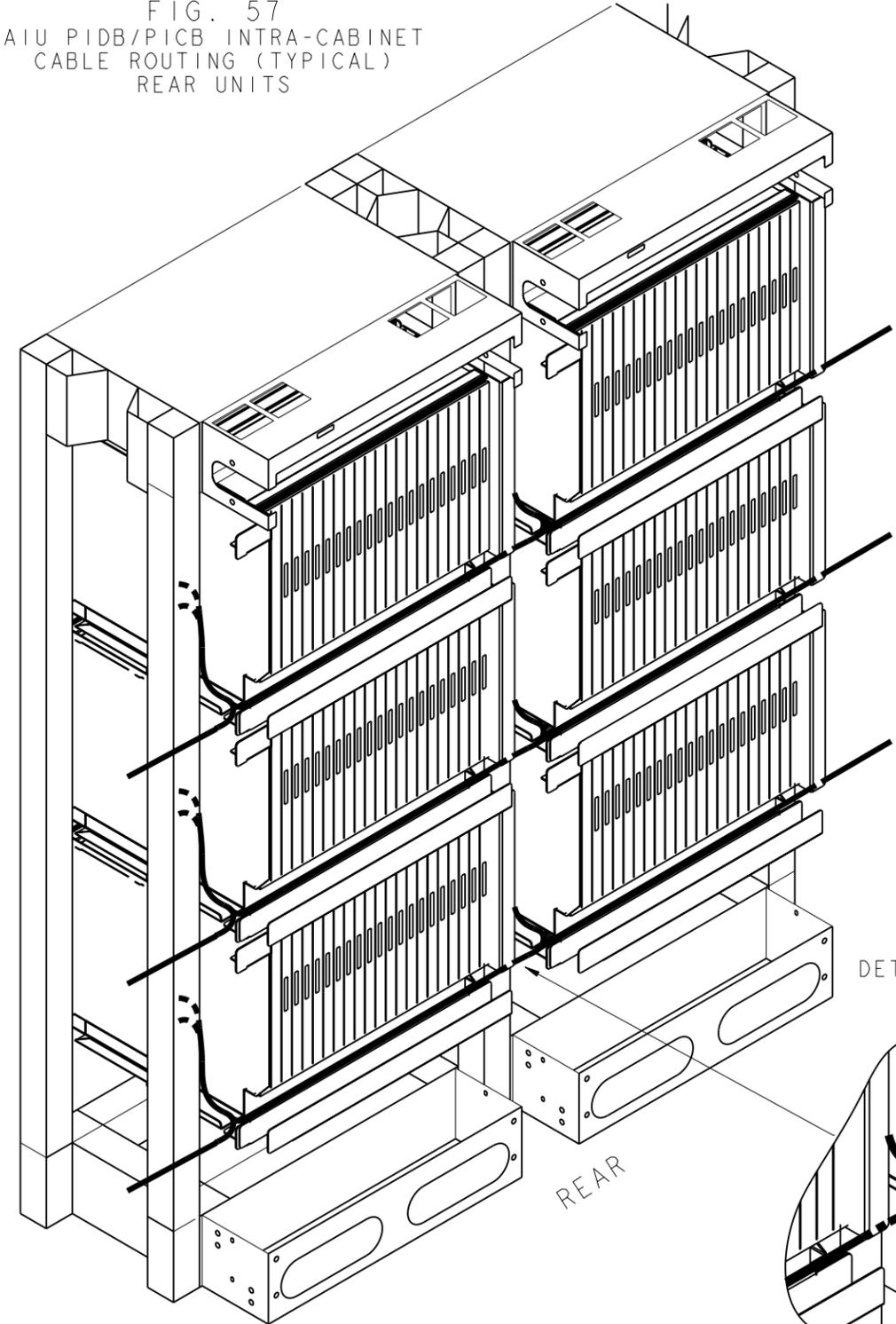
CA. DIMENSIONS ARE FROM BACKPLANE TO CENTER OF PIDB/PICB TRAY)

SK. P
PIDB/PICB CABLE ROUTING FOR REAR AIU UNIT (TYP)

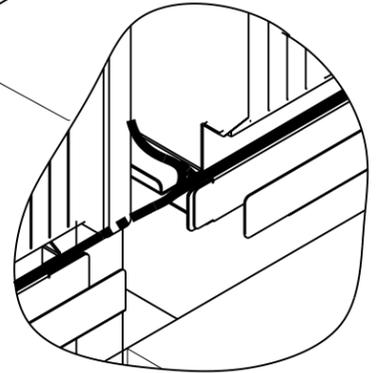


SK. Q
DIMENSIONS TO PIDB/PICB CABLE TRAY (TYPICAL) (REAR UNIT)

FIG. 57
AIU PIDB/PICB INTRA-CABINET CABLE ROUTING (TYPICAL) REAR UNITS



DETAIL VIEW A

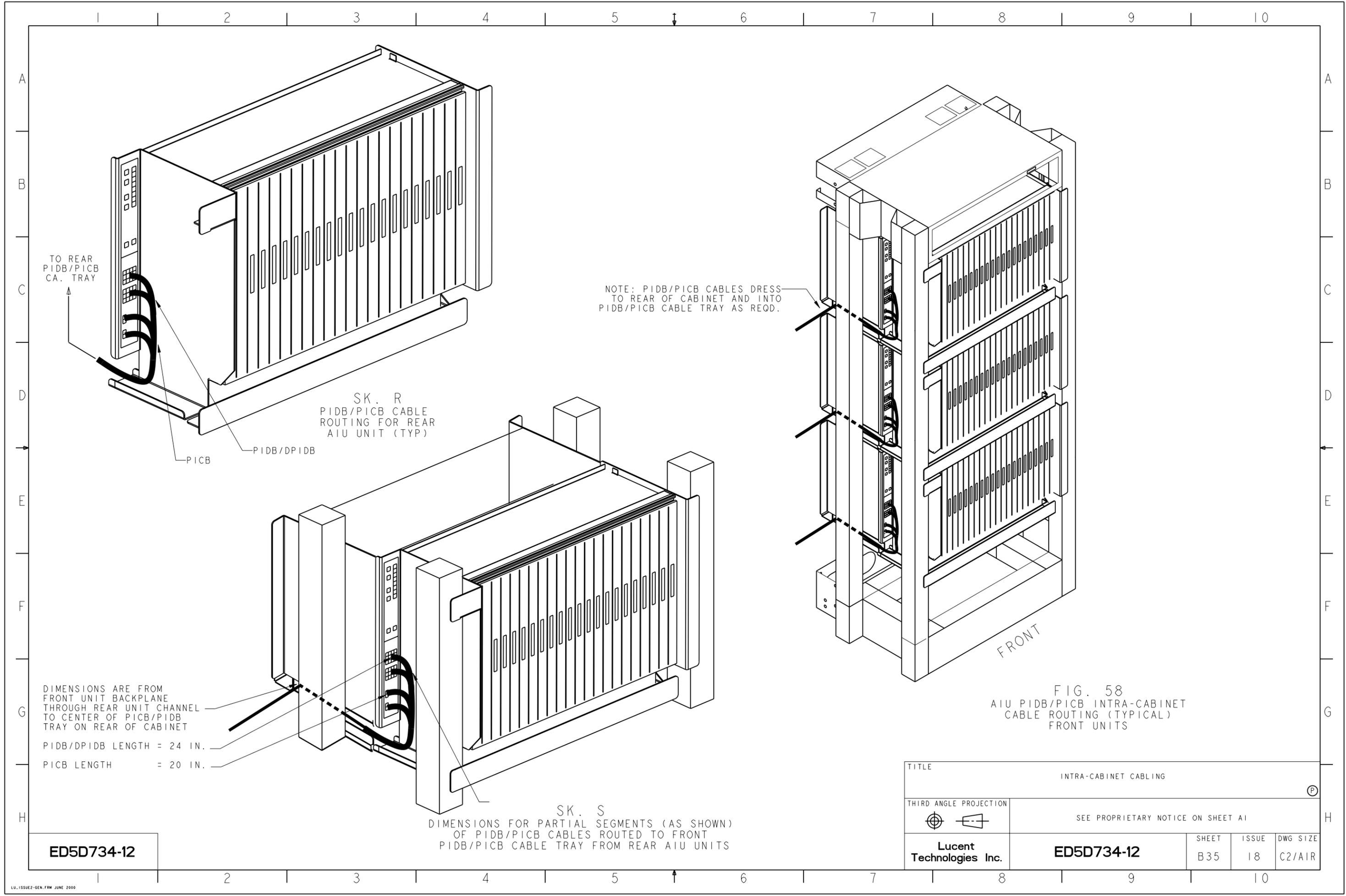


REAR

ED5D734-12

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B34	18	C2/AIR

1 2 3 4 5 6 7 8 9 10



TO REAR
PIDB/PICB
CA. TRAY

NOTE: PIDB/PICB CABLES DRESS
TO REAR OF CABINET AND INTO
PIDB/PICB CABLE TRAY AS REQD.

SK. R
PIDB/PICB CABLE
ROUTING FOR REAR
AIU UNIT (TYP)

PICB PIDB/DPIDB

DIMENSIONS ARE FROM
FRONT UNIT BACKPLANE
THROUGH REAR UNIT CHANNEL
TO CENTER OF PICB/PIDB
TRAY ON REAR OF CABINET

PIDB/DPIDB LENGTH = 24 IN.

PICB LENGTH = 20 IN.

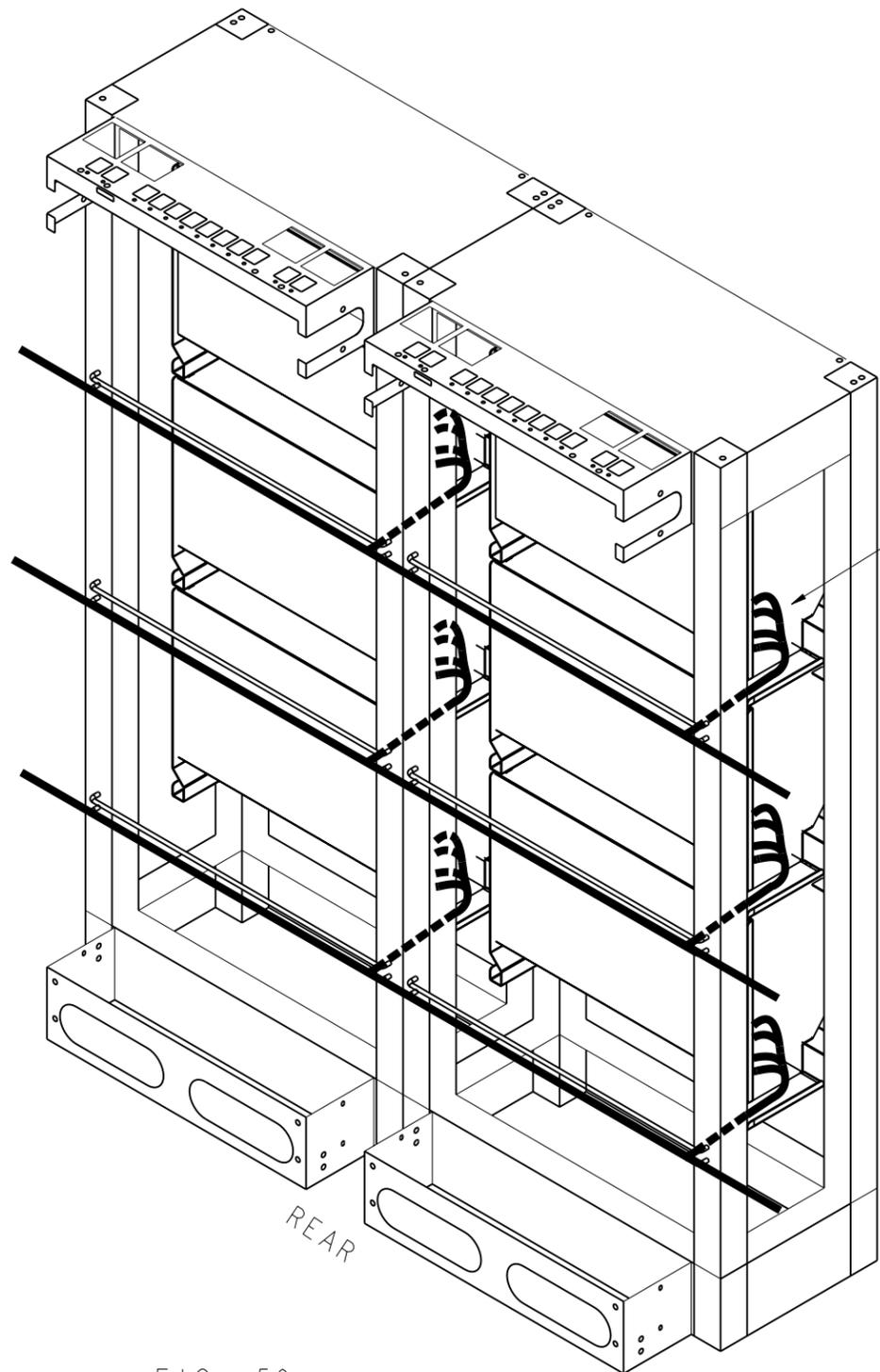
SK. S
DIMENSIONS FOR PARTIAL SEGMENTS (AS SHOWN)
OF PIDB/PICB CABLES ROUTED TO FRONT
PIDB/PICB CABLE TRAY FROM REAR AIU UNITS

FRONT

FIG. 58
AIU PIDB/PICB INTRA-CABINET
CABLE ROUTING (TYPICAL)
FRONT UNITS

ED5D734-12

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.		SHEET	ISSUE	DWG SIZE
ED5D734-12		B35	18	C2/AIR



PIDB/PICB CABLES DRESS
TO REAR PIDB/PICB CABLE
SUPPORT BAR AS SHOWN

FIG. 59
PIDB/PICB CABLE ROUTING
FOR AIU UNITS IN CLASSIC
CABINET (TYPICAL)

ED5D734-12

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		B36	15	C2/AIR

SHEET NOTE1: ALL DIMENSIONS SHOWN ARE FROM BACKPLANE
TERMINATION TO EDGE OF UNIT.
SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

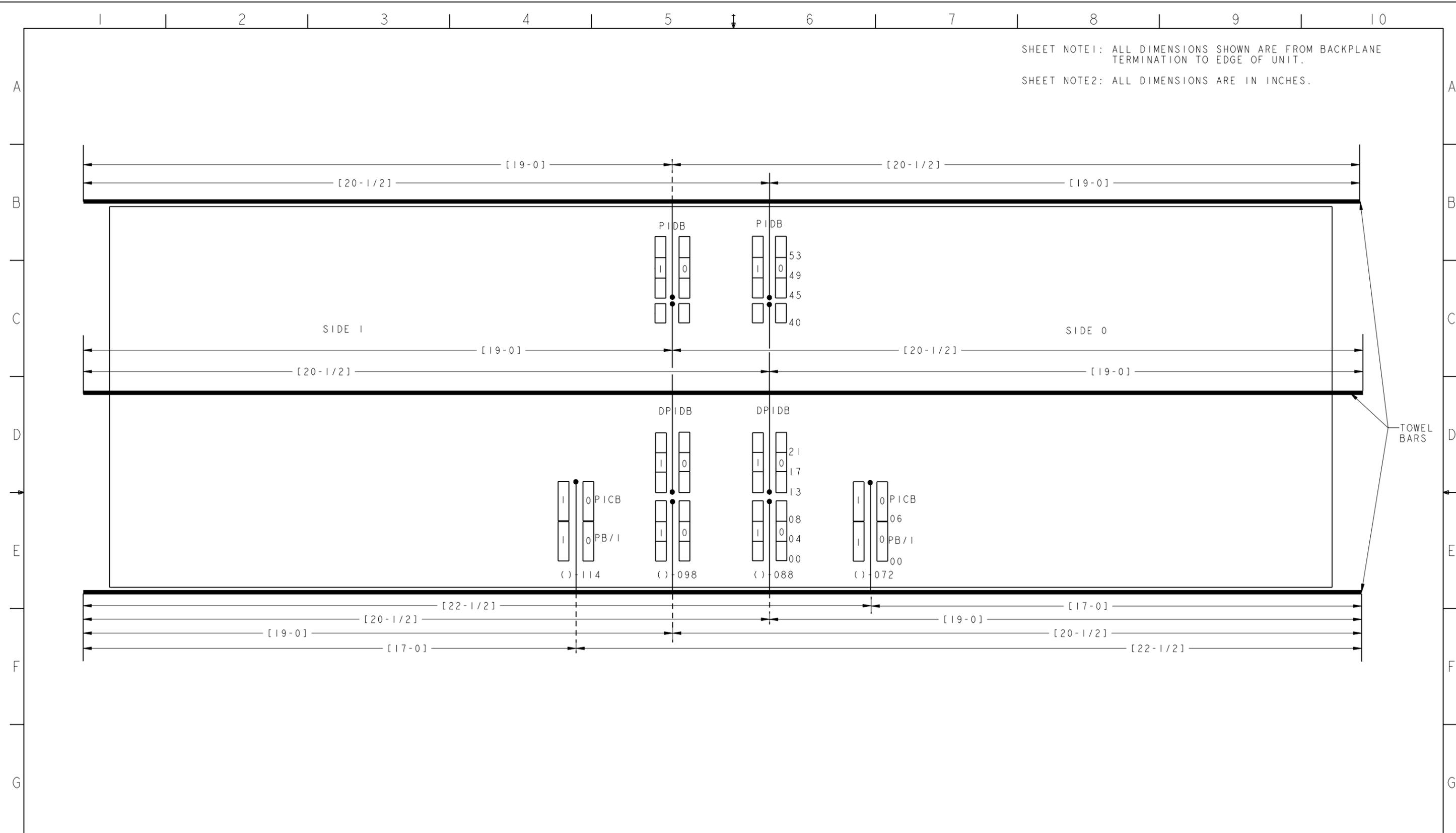


FIG. 60
PSU (DA) (REAR VIEW)
PICB/PIDB/DPIDB/PB/I PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET B37	ISSUE 19	DWG SIZE C2/AIR

ED5D734-12

SHEET NOTE1: ALL DIMENSIONS SHOWN ARE FROM BACKPLANE
TERMINATION TO EDGE OF UNIT.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

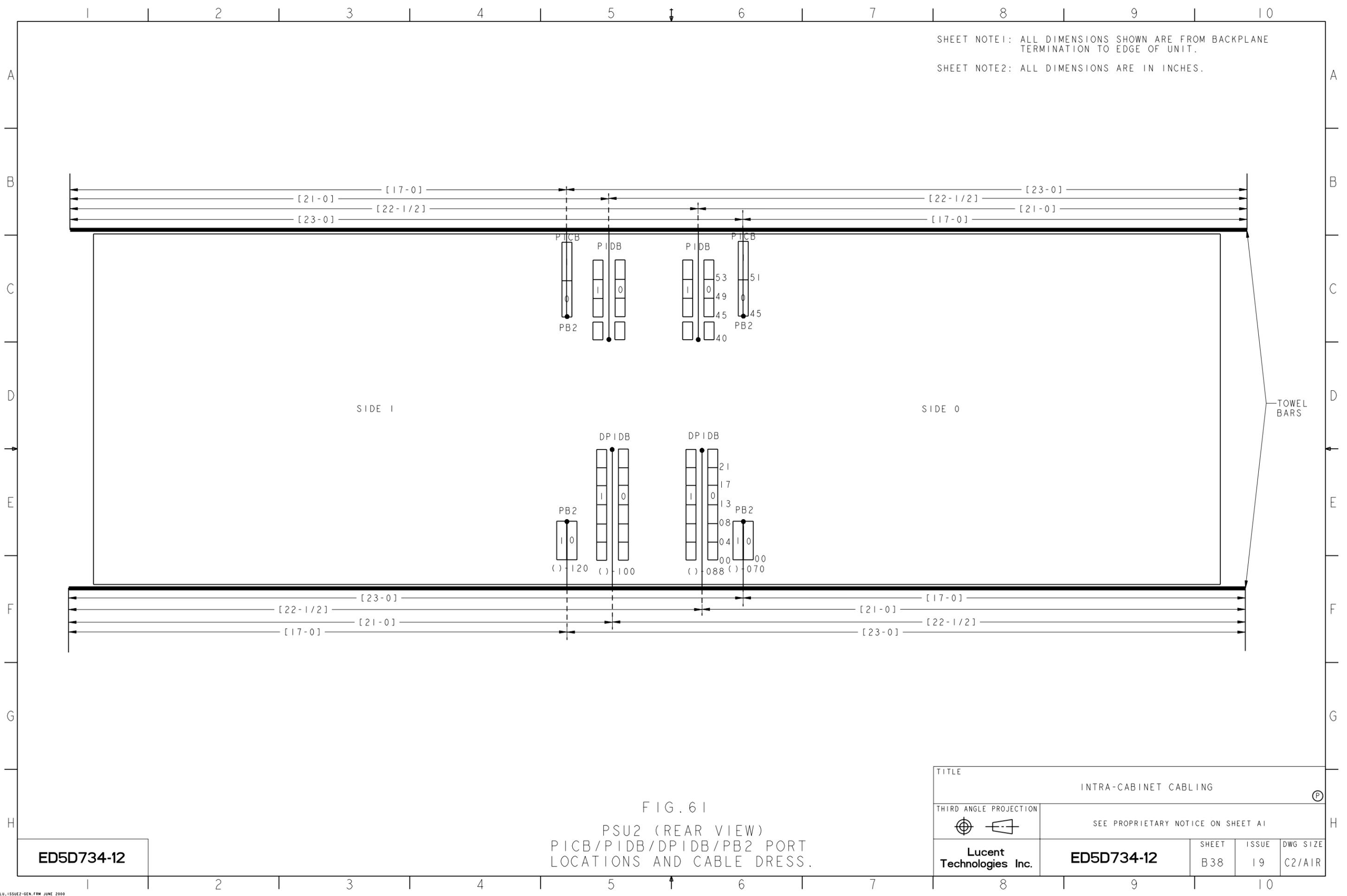


FIG. 61
PSU2 (REAR VIEW)
PICB/PIDB/DPIDB/PB2 PORT
LOCATIONS AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET B38	ISSUE 19	DWG SIZE C2/AIR

ED5D734-12

1 2 3 4 5 6 7 8 9 10

SHEET NOTE1: ALL DIMENSIONS SHOWN ARE FROM BACKPLANE
TERMINATION TO EDGE OF UNIT.
SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

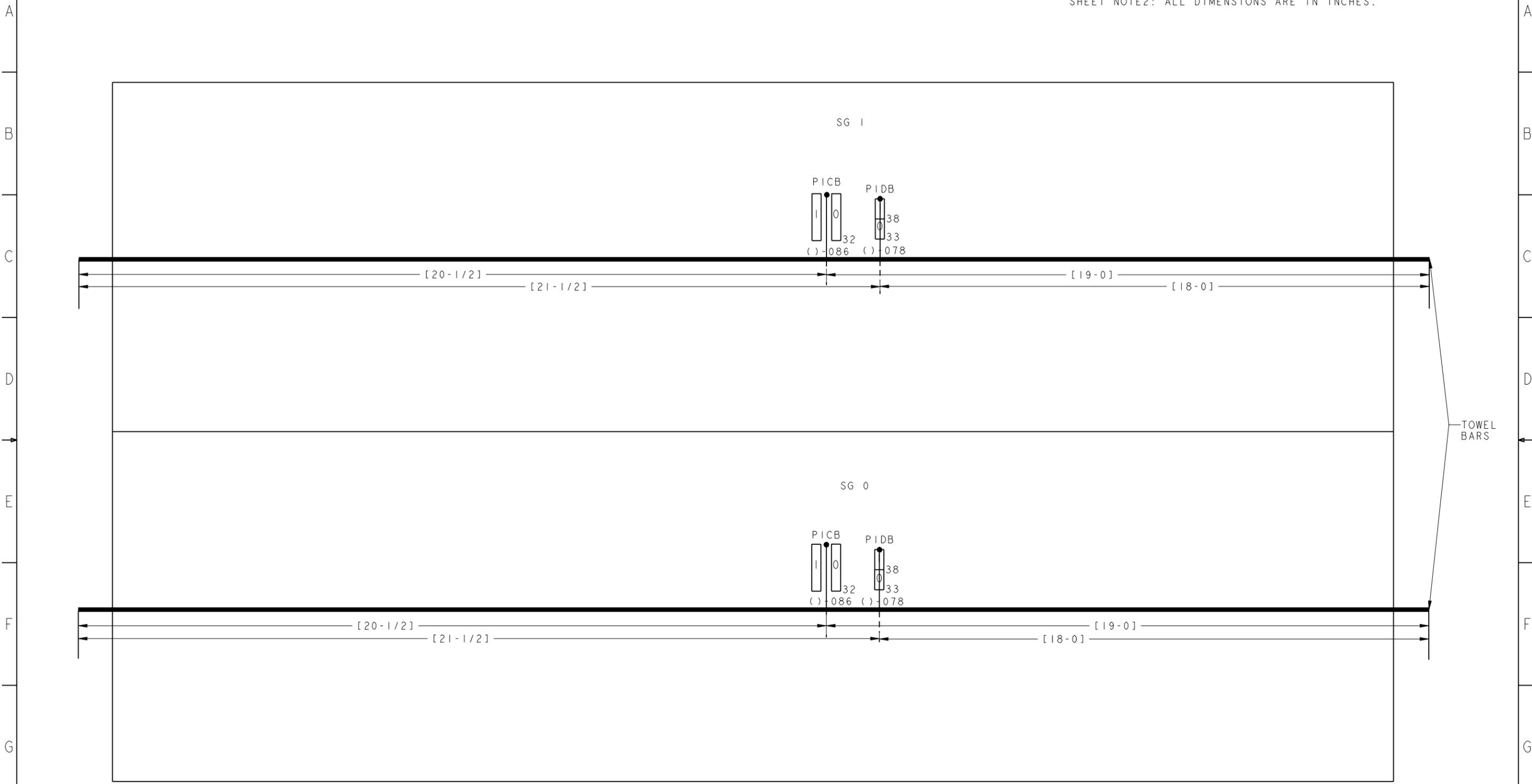


FIG. 62
LU2 (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B39	ISSUE 19
			DWG SIZE C2/AIR	

ED5D734-12

1 2 3 4 5 6 7 8 9 10

SHEET NOTE1: ALL DIMENSIONS SHOWN ARE FROM BACKPLANE
TERMINATION TO EDGE OF UNIT.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



FIG. 63
LU3 (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B40	ISSUE 19
			DWG SIZE C2/AIR	

ED5D734-12

1 2 3 4 5 6 7 8 9 10

SHEET NOTE1: ALL DIMENSIONS SHOWN ARE FROM BACKPLANE
TERMINATION TO EDGE OF UNIT.
SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

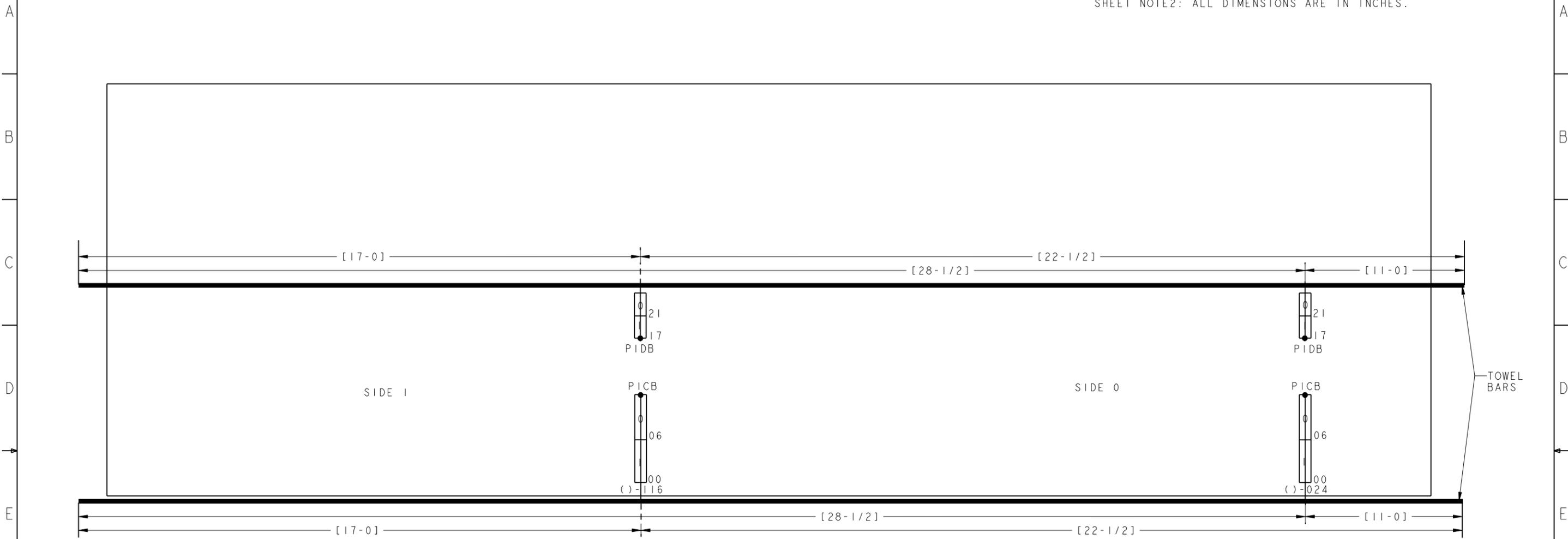


FIG. 64
ATU-E OR TU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

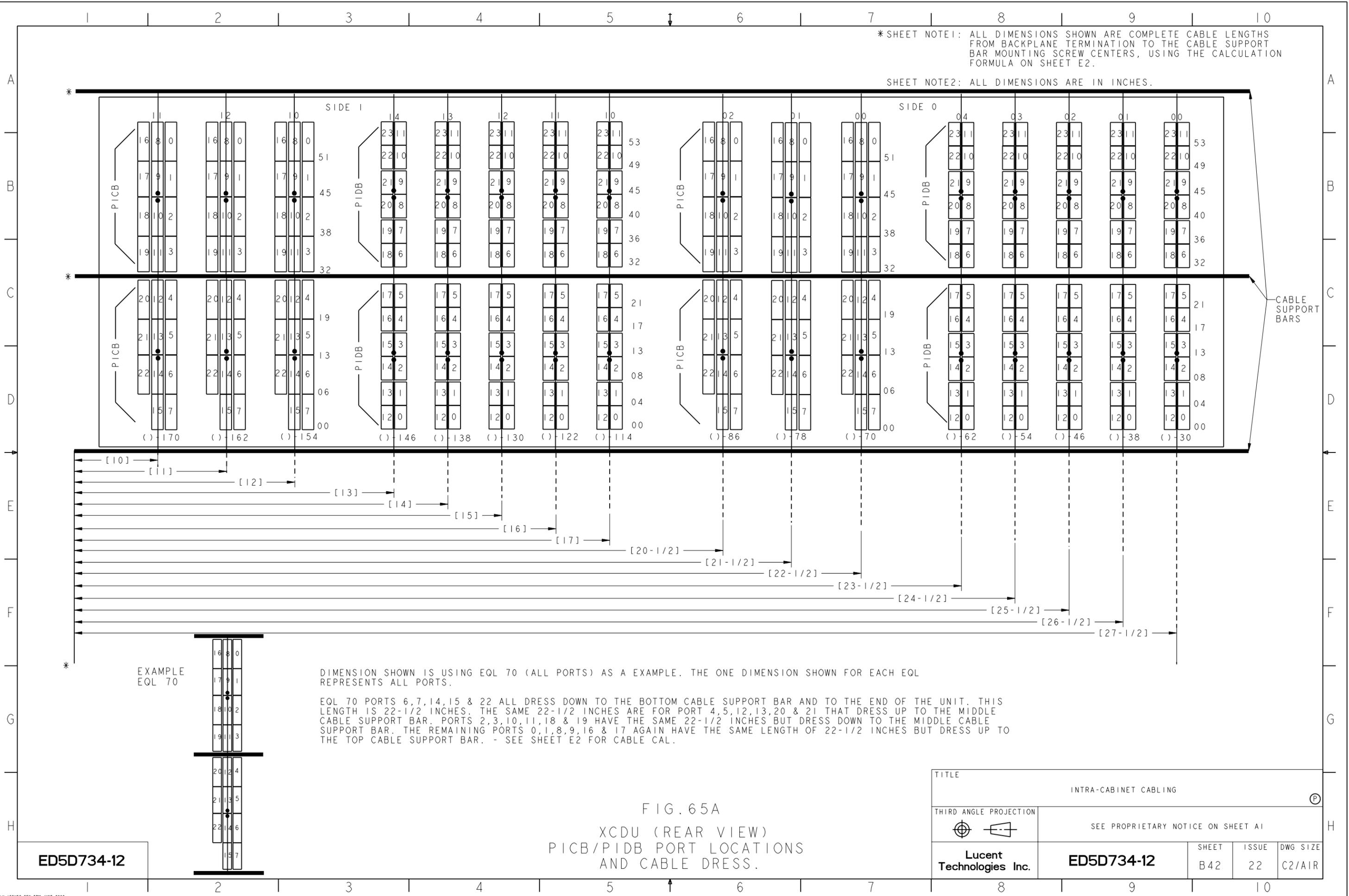
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B41	ISSUE 19
			DWG SIZE C2/AIR	

1 2 3 4 5 6 7 8 9 10

*SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE
EQL 70

DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 70 PORTS 6,7,14,15 & 22 ALL DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT. THIS LENGTH IS 22-1/2 INCHES. THE SAME 22-1/2 INCHES ARE FOR PORT 4,5,12,13,20 & 21 THAT DRESS UP TO THE MIDDLE CABLE SUPPORT BAR. PORTS 2,3,10,11,18 & 19 HAVE THE SAME 22-1/2 INCHES BUT DRESS DOWN TO THE MIDDLE CABLE SUPPORT BAR. THE REMAINING PORTS 0,1,8,9,16 & 17 AGAIN HAVE THE SAME LENGTH OF 22-1/2 INCHES BUT DRESS UP TO THE TOP CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

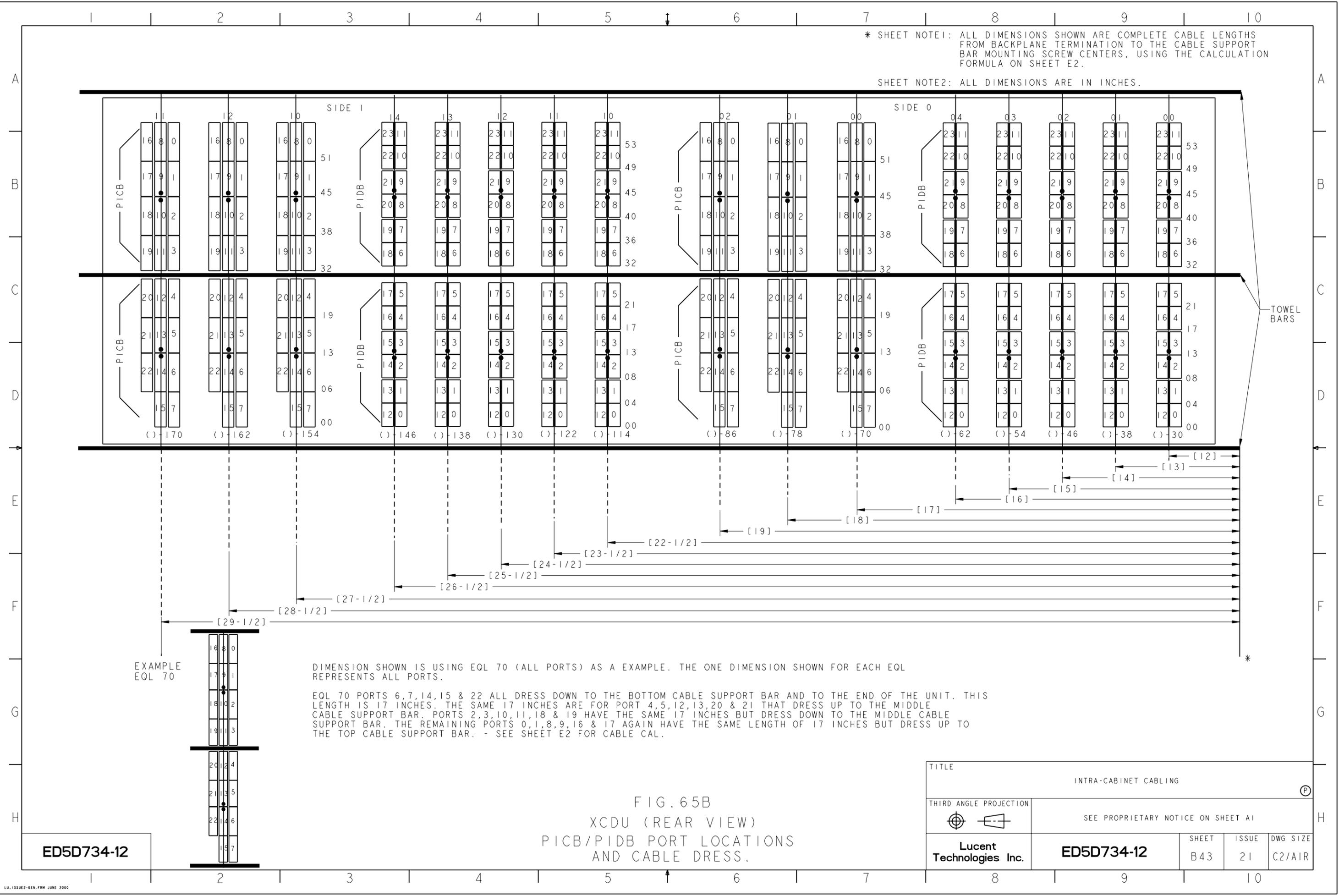
FIG. 65A
XCDU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B42	ISSUE 22
			DWG SIZE C2/AIR	

ED5D734-12

* SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE EQL 70

DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 70 PORTS 6,7,14,15 & 22 ALL DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT. THIS LENGTH IS 17 INCHES. THE SAME 17 INCHES ARE FOR PORT 4,5,12,13,20 & 21 THAT DRESS UP TO THE MIDDLE CABLE SUPPORT BAR. PORTS 2,3,10,11,18 & 19 HAVE THE SAME 17 INCHES BUT DRESS DOWN TO THE MIDDLE CABLE SUPPORT BAR. THE REMAINING PORTS 0,1,8,9,16 & 17 AGAIN HAVE THE SAME LENGTH OF 17 INCHES BUT DRESS UP TO THE TOP CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

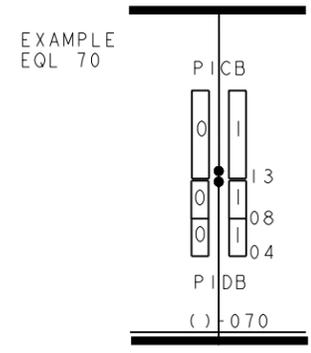
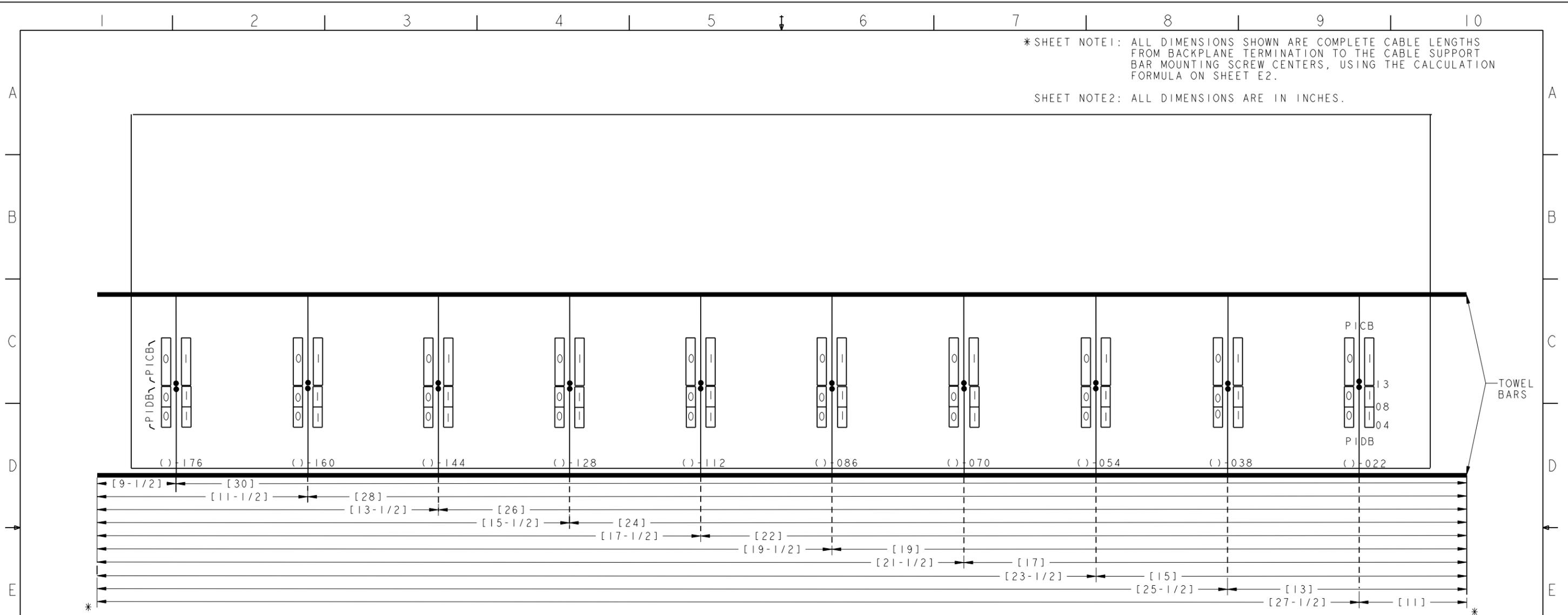
FIG. 65B
XCDU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

ED5D734-12

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET B43	ISSUE 21	DWG SIZE C2/AIR

*SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.
 EQL 70 ALL PIDB DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT. DIMENSIONS SHOWN FOR BOTH LEFT AND RIGHT SIDES OF UNIT. THESE DIMENSIONS WILL BE THE SAME FOR ALL PICB CABLES DRESSING UP THE MIDDLE CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

FIG. 66
 DLTU2 (REAR VIEW)
 PICB/PIDB PORT LOCATIONS
 AND CABLE DRESS.

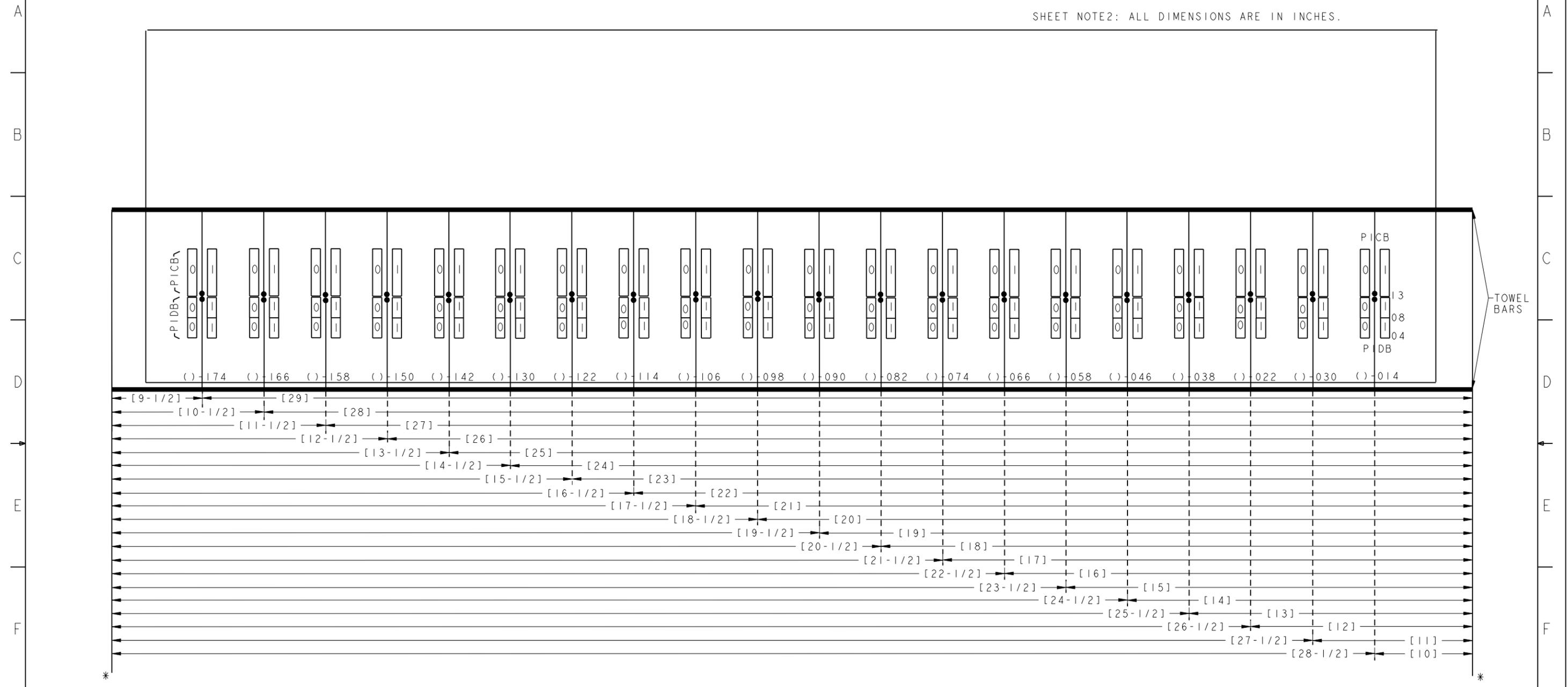
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B44	ISSUE 21
			DWG SIZE C2/AIR	

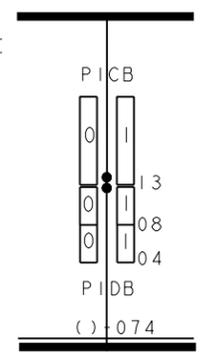
1 2 3 4 5 6 7 8 9 10

* SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE
EQL 74



DIMENSION SHOWN IS USING EQL 74 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 74 ALL PIDB DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT. DIMENSIONS SHOWN FOR BOTH LEFT AND RIGHT SIDES OF UNIT. THESE DIMENSIONS WILL BE THE SAME FOR ALL PICB CABLES DRESSING UP THE MIDDLE CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

FIG. 67
DLTU3 (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

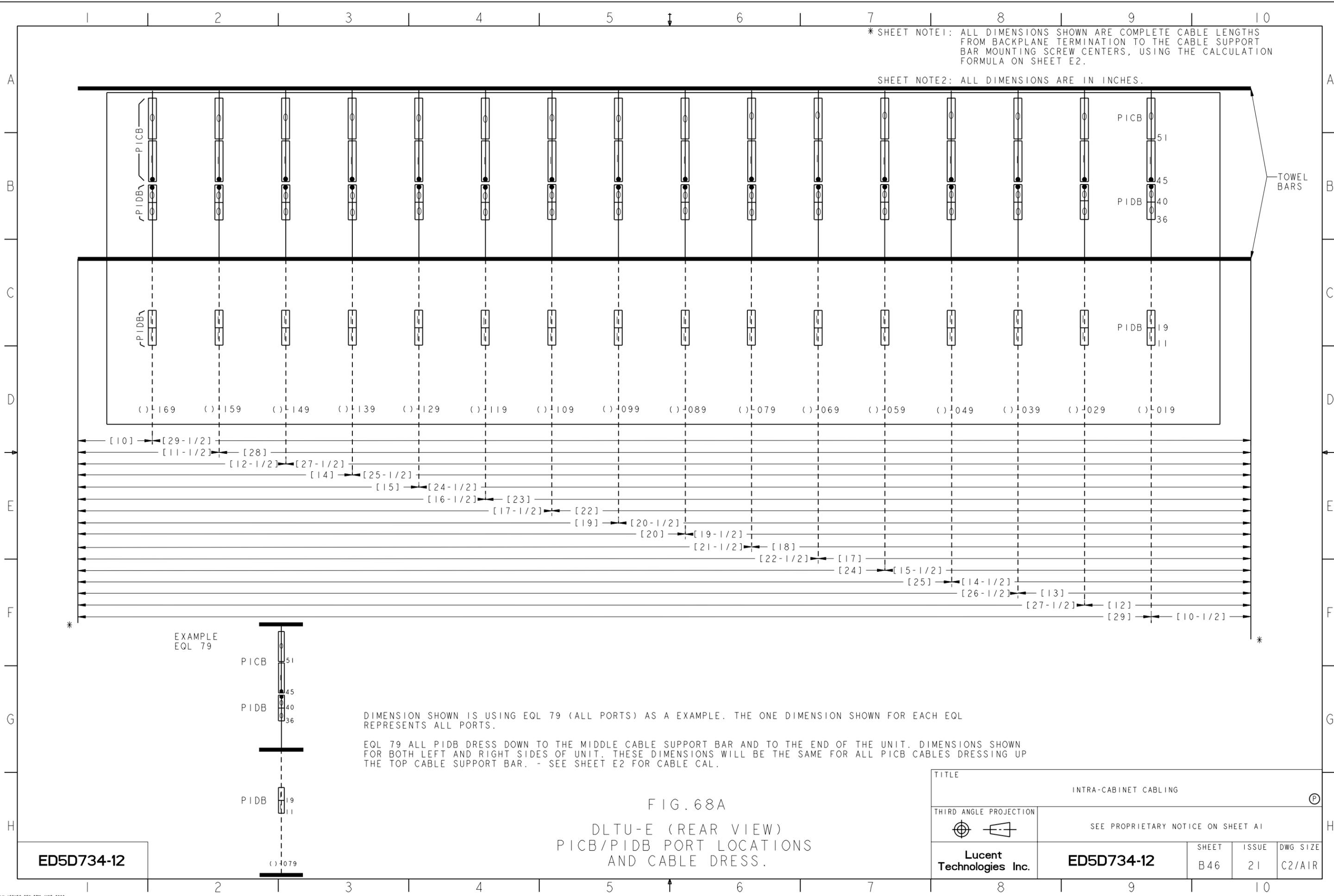
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B45	ISSUE 21
			DWG SIZE C2/AIR	

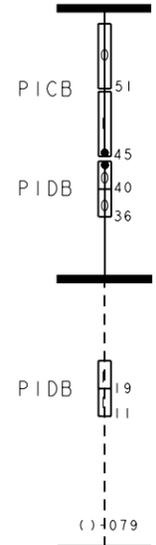
1 2 3 4 5 6 7 8 9 10

* SHEET NOTE 1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE 2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE EQ 79



DIMENSION SHOWN IS USING EQ 79 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQ REPRESENTS ALL PORTS.

EQ 79 ALL PIDB DRESS DOWN TO THE MIDDLE CABLE SUPPORT BAR AND TO THE END OF THE UNIT. DIMENSIONS SHOWN FOR BOTH LEFT AND RIGHT SIDES OF UNIT. THESE DIMENSIONS WILL BE THE SAME FOR ALL PICB CABLES DRESSING UP THE TOP CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

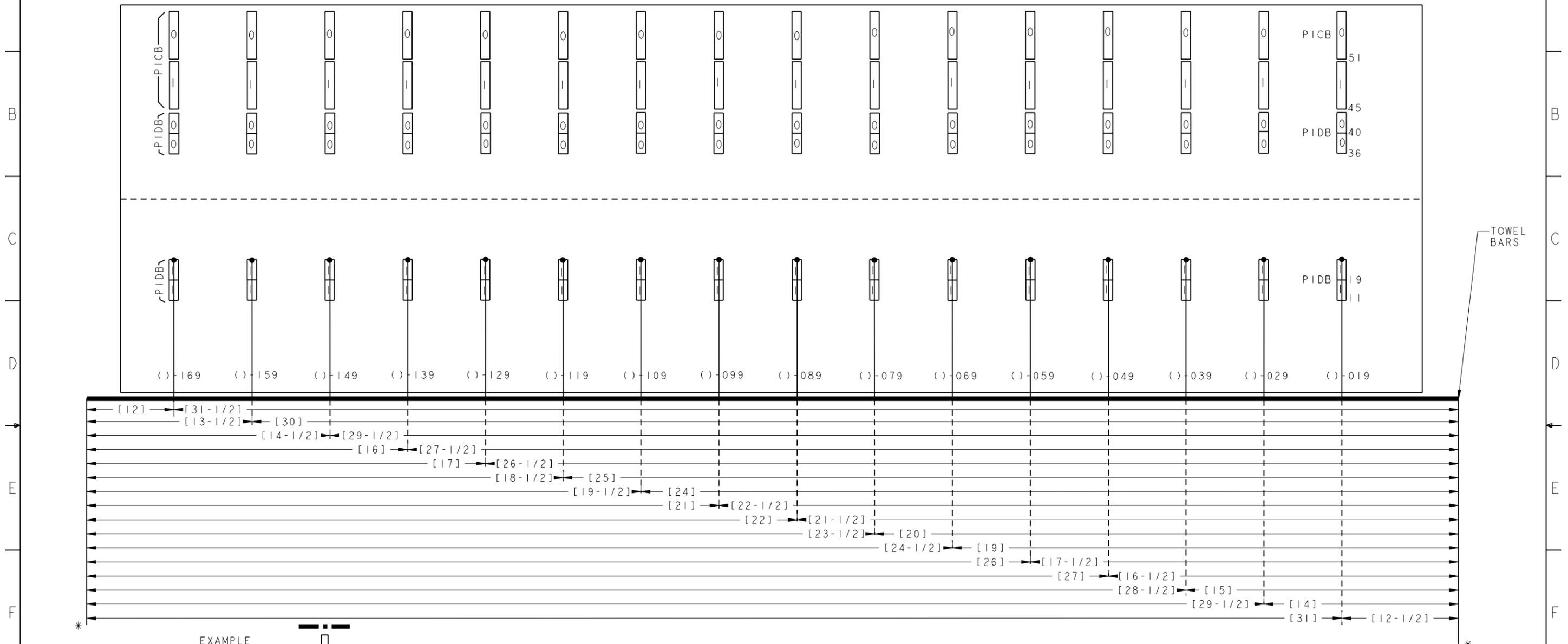
FIG. 68A
DLTU-E (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B46	ISSUE 21
			DWG SIZE C2/AIR	

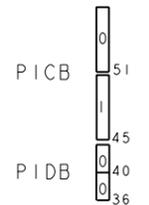
ED5D734-12

* SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE
EQL 79



DIMENSION SHOWN IS USING EQL 79 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 79 ALL PIDB DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT. DIMENSIONS SHOWN FOR BOTH LEFT AND RIGHT SIDES OF UNIT. - SEE SHEET E2 FOR CABLE CAL.

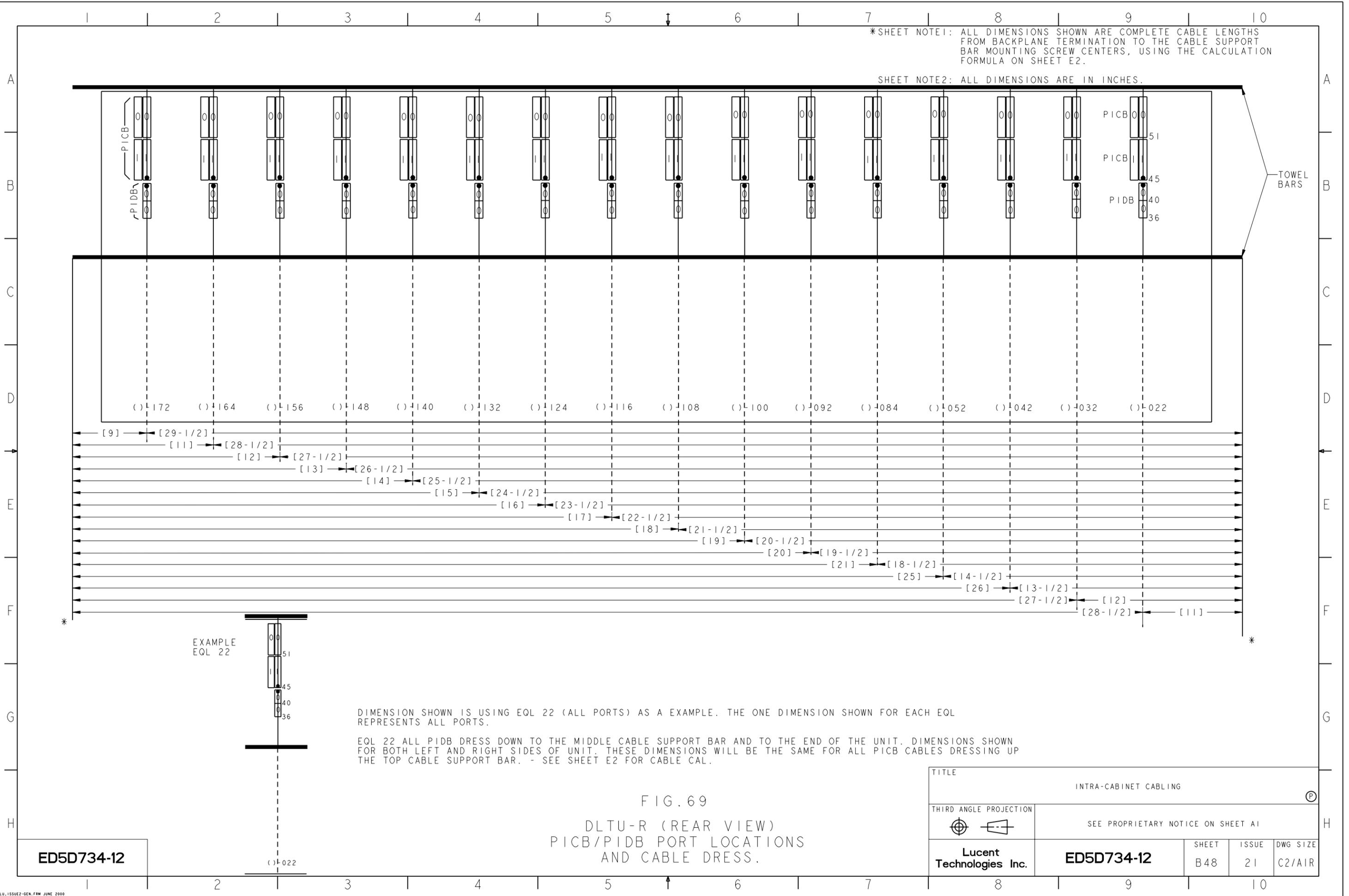
FIG. 68B
DLTU-E (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B47	ISSUE 21
			DWG SIZE C2/AIR	

ED5D734-12

*SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.



EXAMPLE
EQL 22

DIMENSION SHOWN IS USING EQL 22 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 22 ALL PIDB DRESS DOWN TO THE MIDDLE CABLE SUPPORT BAR AND TO THE END OF THE UNIT. DIMENSIONS SHOWN FOR BOTH LEFT AND RIGHT SIDES OF UNIT. THESE DIMENSIONS WILL BE THE SAME FOR ALL PICB CABLES DRESSING UP THE TOP CABLE SUPPORT BAR. - SEE SHEET E2 FOR CABLE CAL.

FIG. 69
DLTU-R (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

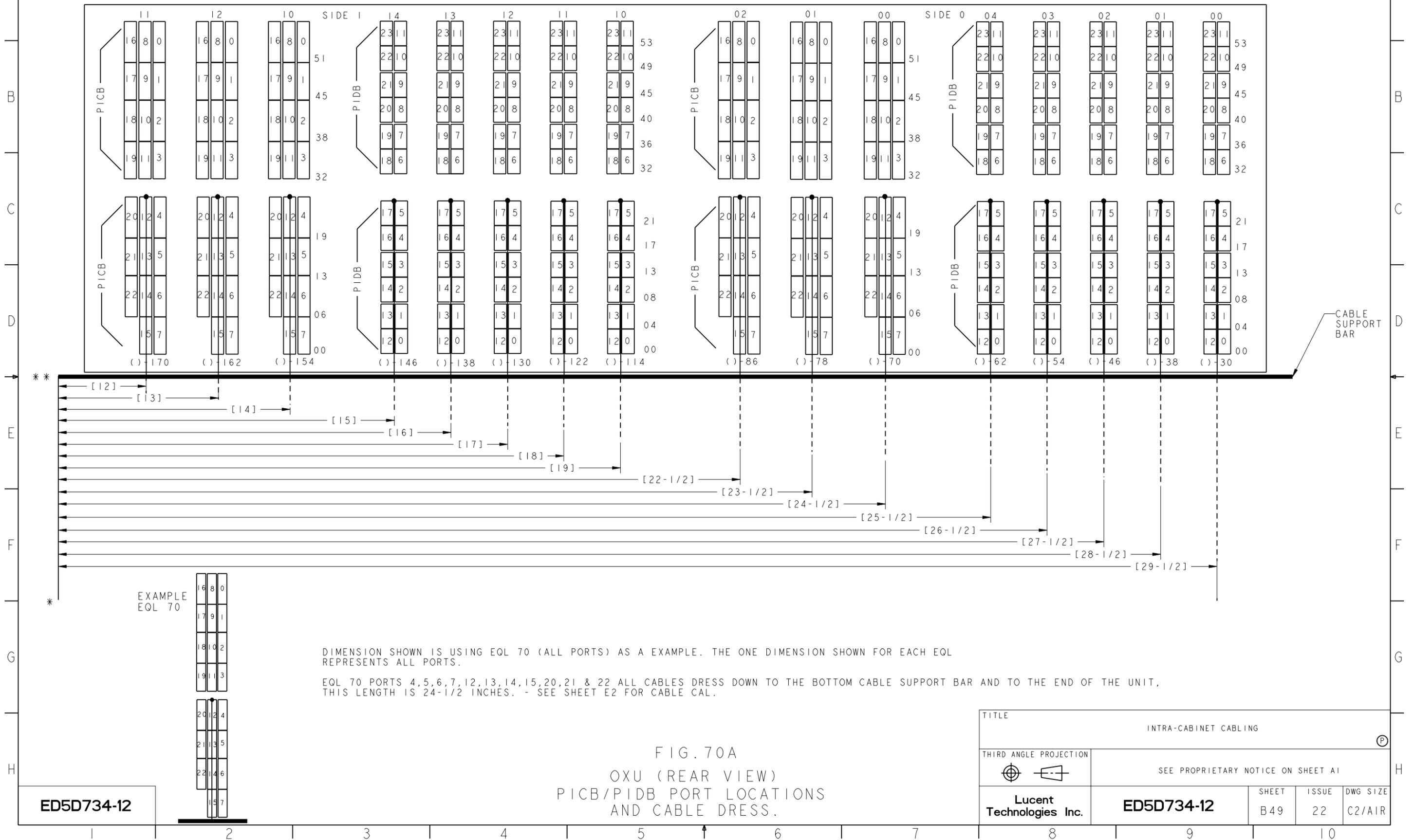
TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B48	ISSUE 21
			DWG SIZE C2/AIR	

ED5D734-12

* SHEET NOTE 1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE 2: ALL DIMENSIONS ARE IN INCHES.

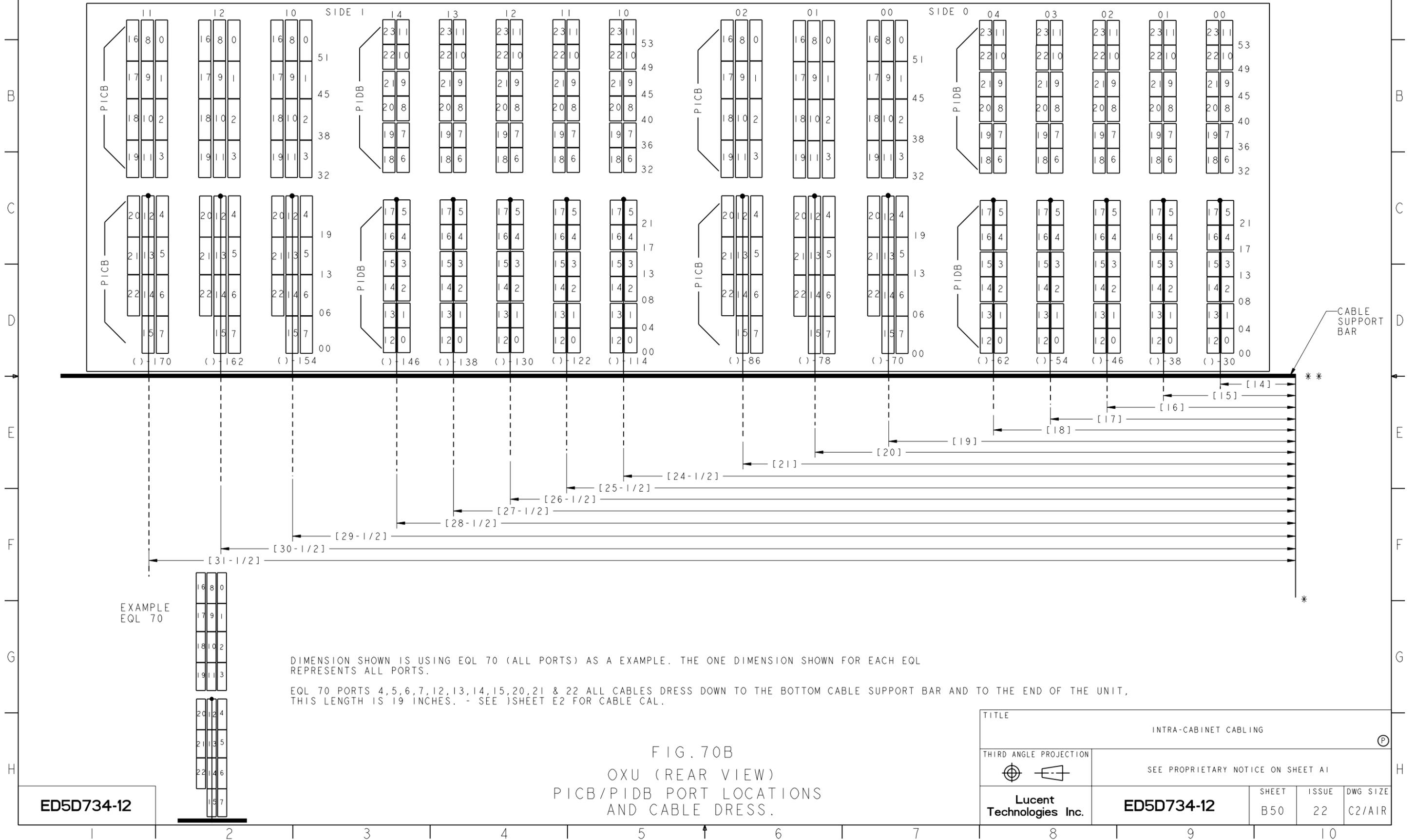
** SHEET NOTE 3: SEE ENG. NOTE 59.



* SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

** SHEET NOTE3: SEE ENG.NOTE 59.



EXAMPLE
EQL 70

DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 70 PORTS 4,5,6,7,12,13,14,15,20,21 & 22 ALL CABLES DRESS DOWN TO THE BOTTOM CABLE SUPPORT BAR AND TO THE END OF THE UNIT, THIS LENGTH IS 19 INCHES. - SEE SHEET E2 FOR CABLE CAL.

FIG. 70B
OXU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

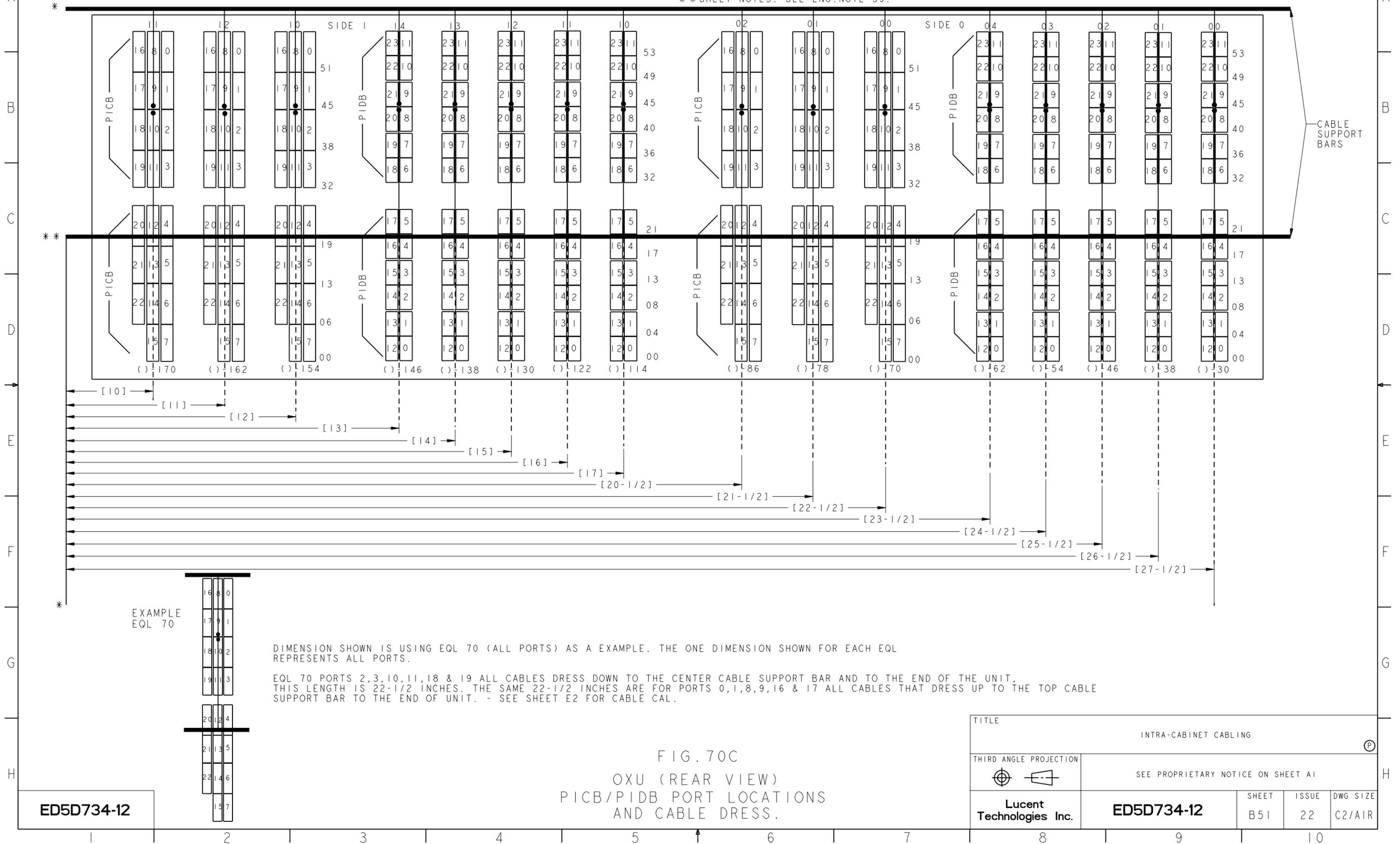
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B50	ISSUE 22
			DWG SIZE C2/AIR	

*SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

**SHEET NOTE3: SEE ENG.NOTE 59.



EXAMPLE
EQL 70

DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 70 PORTS 2,3,10,11,18 & 19 ALL CABLES DRESS DOWN TO THE CENTER CABLE SUPPORT BAR AND TO THE END OF THE UNIT, THIS LENGTH IS 22-1/2 INCHES. THE SAME 22-1/2 INCHES ARE FOR PORTS 0,1,8,9,16 & 17 ALL CABLES THAT DRESS UP TO THE TOP CABLE SUPPORT BAR TO THE END OF UNIT. - SEE SHEET E2 FOR CABLE CAL.

FIG. 70C
OXU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

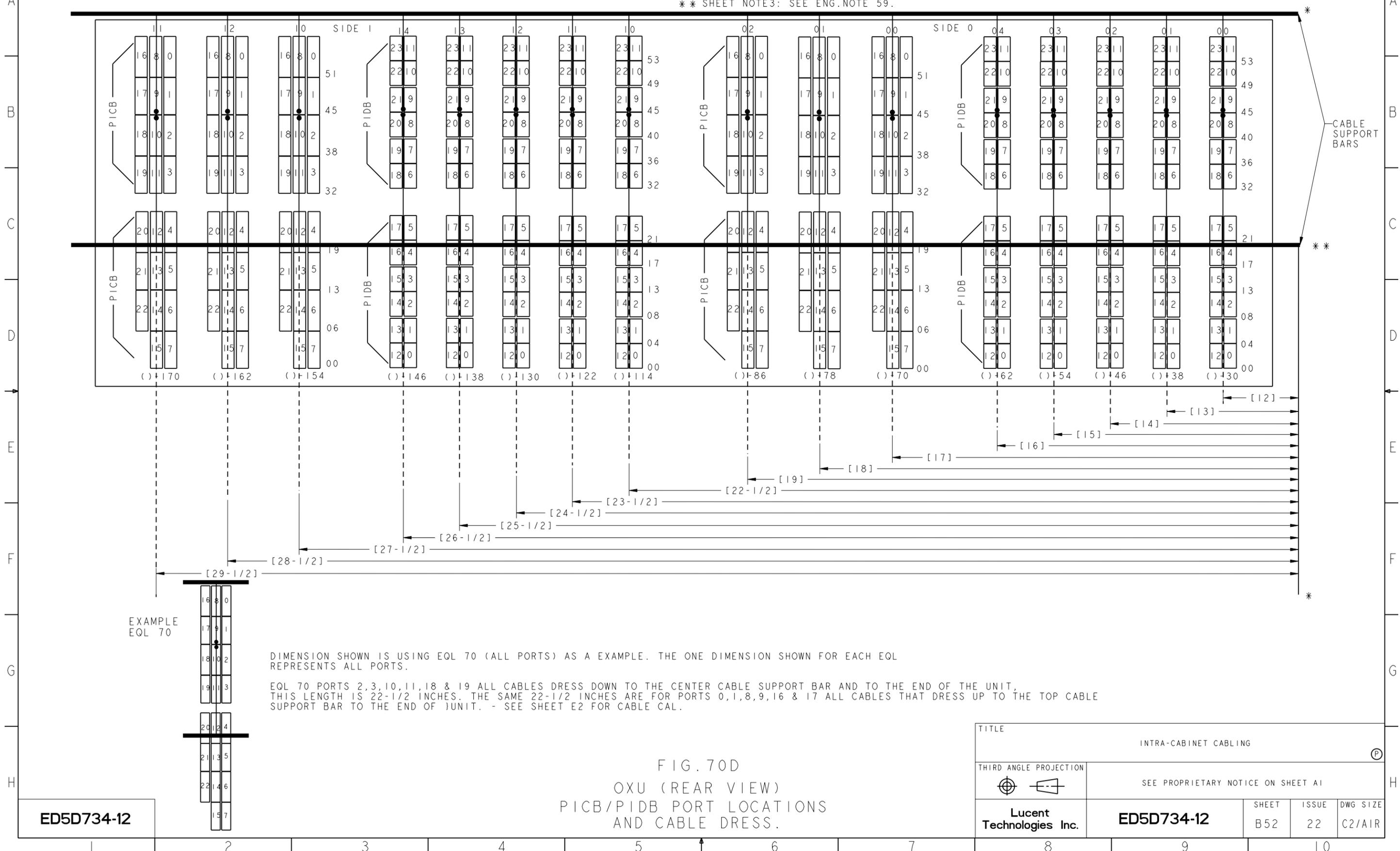
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B51	ISSUE 22
			DWG SIZE C2/AIR	

* SHEET NOTE1: ALL DIMENSIONS SHOWN ARE COMPLETE CABLE LENGTHS FROM BACKPLANE TERMINATION TO THE CABLE SUPPORT BAR MOUNTING SCREW CENTERS, USING THE CALCULATION FORMULA ON SHEET E2.

SHEET NOTE2: ALL DIMENSIONS ARE IN INCHES.

** SHEET NOTE3: SEE ENG.NOTE 59.



EXAMPLE
EQL 70

DIMENSION SHOWN IS USING EQL 70 (ALL PORTS) AS A EXAMPLE. THE ONE DIMENSION SHOWN FOR EACH EQL REPRESENTS ALL PORTS.

EQL 70 PORTS 2,3,10,11,18 & 19 ALL CABLES DRESS DOWN TO THE CENTER CABLE SUPPORT BAR AND TO THE END OF THE UNIT, THIS LENGTH IS 22-1/2 INCHES. THE SAME 22-1/2 INCHES ARE FOR PORTS 0,1,8,9,16 & 17 ALL CABLES THAT DRESS UP TO THE TOP CABLE SUPPORT BAR TO THE END OF UNIT. - SEE SHEET E2 FOR CABLE CAL.

FIG. 70D
OXU (REAR VIEW)
PICB/PIDB PORT LOCATIONS
AND CABLE DRESS.

ED5D734-12

TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION				
SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12	SHEET B52	ISSUE 22
			DWG SIZE C2/AIR	

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MANUFACTURING NOTES

1. IT IS PERMISSABLE TO SUPPORT THE GRAY SWITCHBOARD CABLE TO THE TOWEL BAR ON THE HORIZONTAL AND VERTICAL RUN WITH SPOT TIES USING TWINE. THE TIES SHALL BE PLACED IN SUCH A MANNER AS TO KEEP THE CABLE IN GOOD FORMATION AND PROVIDE ADEQUATE SUPPORT.

SEE PROPRIETARY NOTICE ON SHEET ONE

METHOD OF CABLING
FOR
CLASSIC SM/SM2000
IN
5ESS-2000 CABINET

DWG SIZE
C2

ISSUE
22

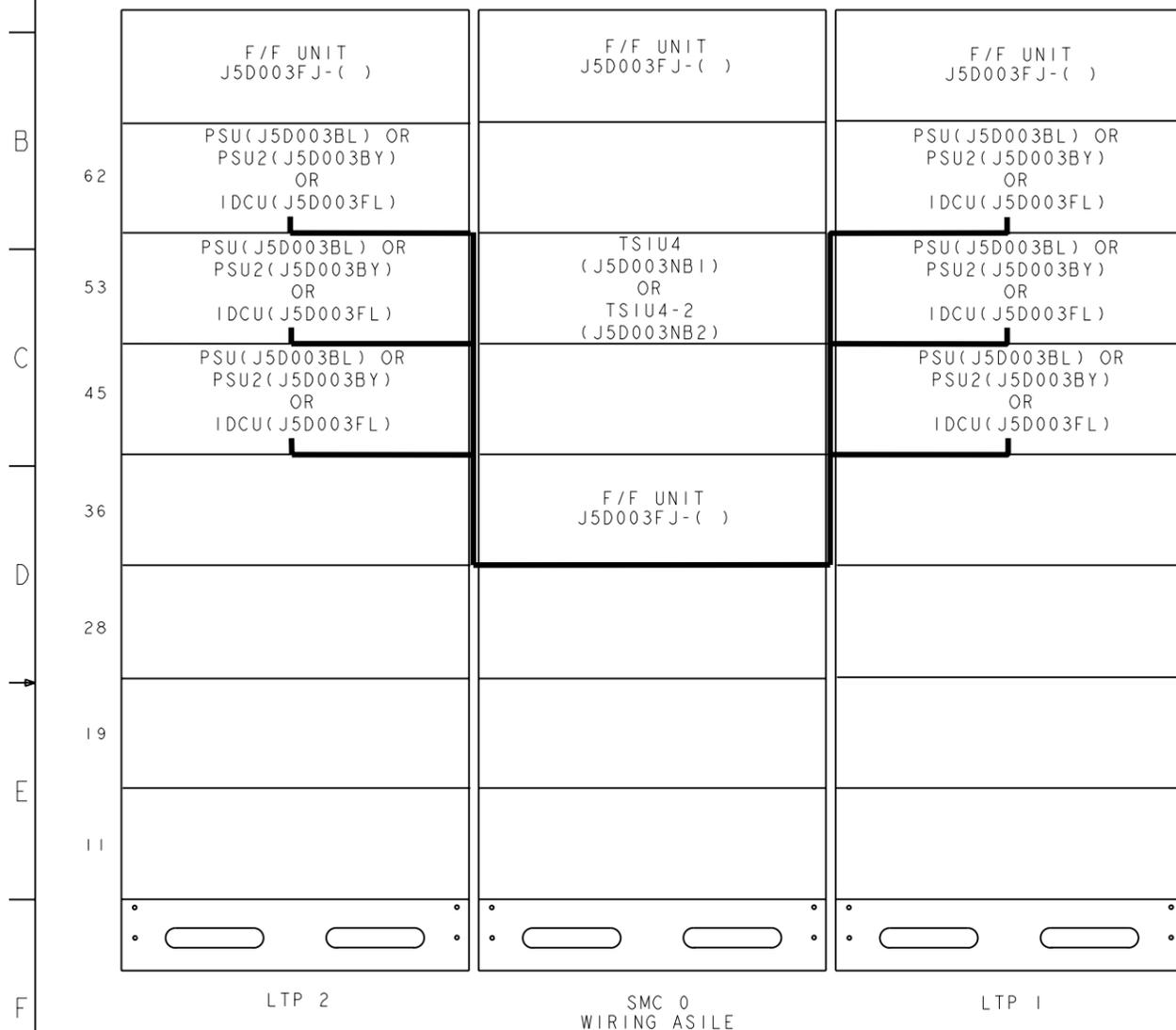
ED5D734-12

LUCENT TECHNOLOGIES INC

ED5D734-12

SHEET D1
OF 60

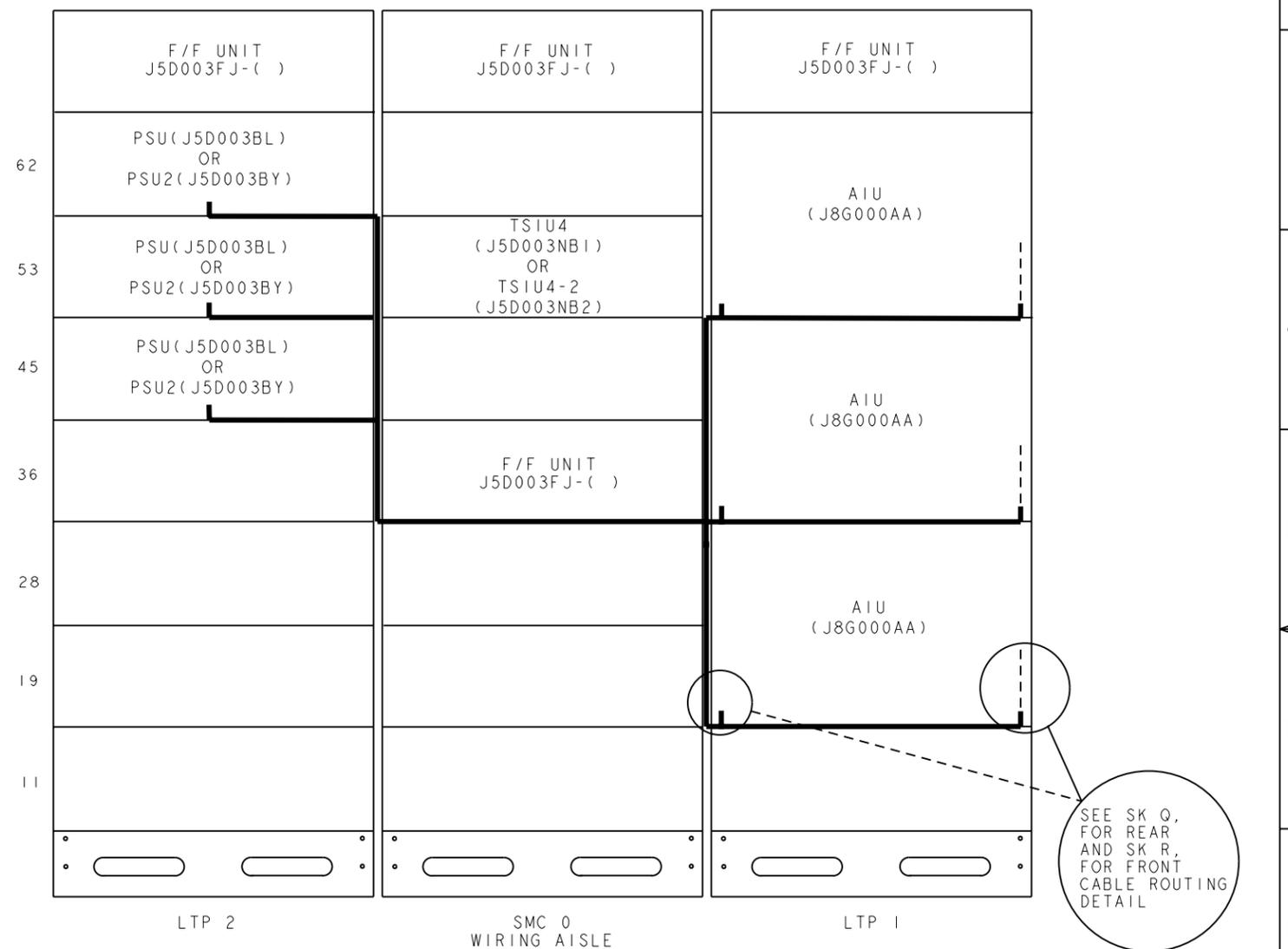
FIG. E1
DPIDB CABLE ROUTING FOR PSU() TO PSU() OR IDCU
IN POS. 62, 53 OR 45
SM2000



SPECIAL PSU() OR IDCU DPIDB ROUTING FOR PSU() TO PSU() OR IDCU THRU SMC CABINET

NOTE: DRESS CABLES ALONG THE BOTTOM OF EACH UNIT IN POS. 62, 53 OR 45 TO THE RIGHT SIDE OF CABINET, STARTING WITH THE LARGER NUMBER OF THE LTP CABINETS. THEN DOWN TO THE BOTTOM OF FAN UNIT LOCATION AT POS. 36 IN THE SMC. DRESS ACROSS THE SMC TO THE RIGHT SIDE OF CABINET, THEN UP TO PSU() RIGHT SIDE OF CABINET IN POS. 45, 53 OR 63 IN LTP1 AND THEN RIGHT ACROSS BOTTOM OF THE UNIT.

FIG. E2
DPIDB CABLE ROUTING FOR PSU() TO AIU
IN POS. 53, 36 OR 19
SM2000



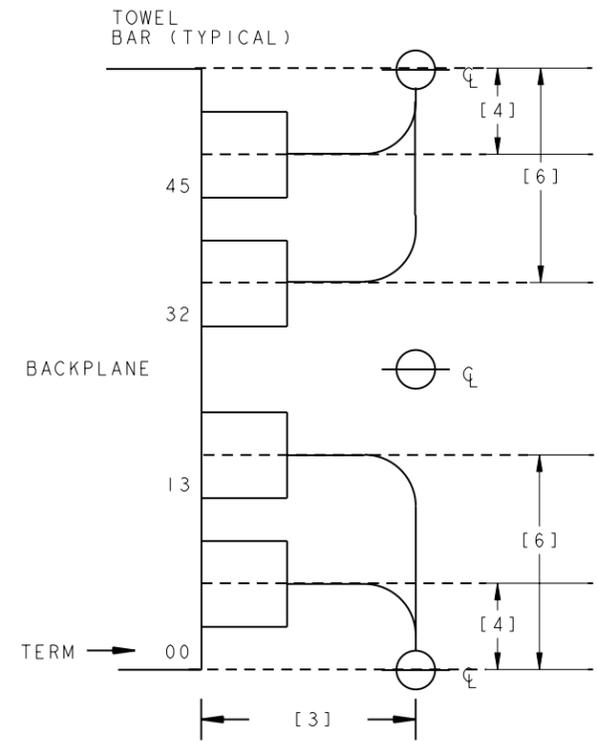
SPECIAL AIU DPIDB ROUTING FOR PSU() TO AIU THRU SMC CABINET

NOTE: DRESS CABLES ALONG THE BOTTOM OF EACH UNIT IN POS. 53, 36 OR 19 TO THE RIGHT SIDE OF CABINET, STARTING WITH THE LARGER NUMBER OF THE LTP CABINETS. THEN DOWN TO THE BOTTOM OF FAN UNIT LOCATION AT POS. 36 IN THE SMC. DRESS ACROSS THE SMC TO THE RIGHT SIDE OF CABINET, THEN UP TO AIU IN FRONT/REAR POS. 53, 36 OR 19 IN LTP1 AND THEN RIGHT ACROSS BOTTOM OF THE UNIT.

ED5D734-12

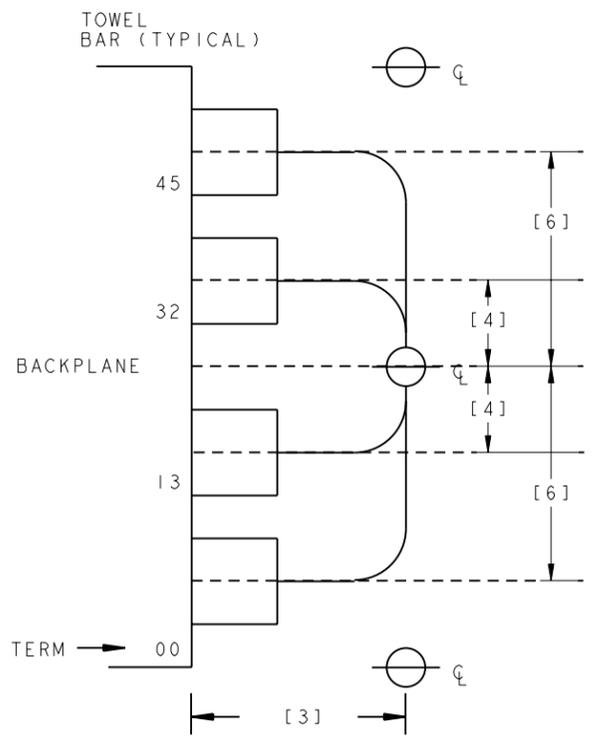
TITLE				
INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
Lucent Technologies Inc.	ED5D734-12	SHEET E1	ISSUE 18	DWG SIZE C2/AIR

SHEET NOTE 1: ALL DIMENSIONS ARE IN INCHES.



TYPICAL METHOD OF CALCULATING CABLE LENGTHS COMING FROM THE FIRST OR THIRD CABLE SUPPORT BAR TO UNIT TERMINAL POSITIONS, USING CABLE SUPPORT BAR COMCODE# 845311117.

SK.EA



TYPICAL METHOD OF CALCULATING CABLE LENGTHS COMING FROM THE SECOND CABLE SUPPORT BAR TO UNIT TERMINAL POSITIONS, USING CABLE SUPPORT BAR COMCODE# 845311117.

SK.EB

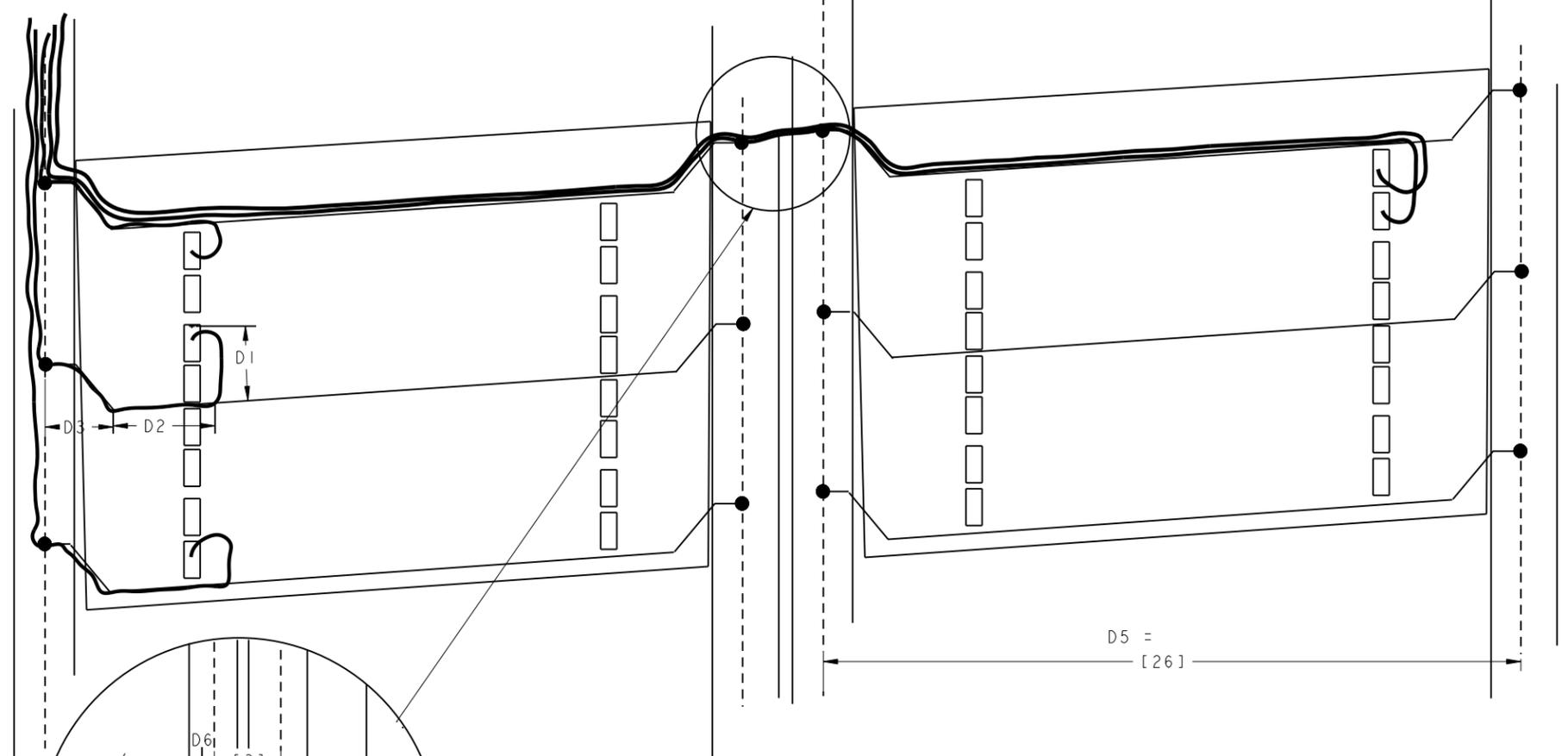
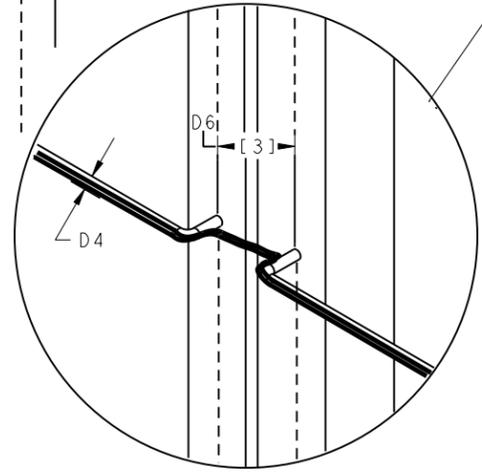


FIG.E3



3-INCHES IS THE MEASUREMENT FROM THE CABLE SUPPORT BAR MOUNTING SCREW CENTER OF ONE FRAME TO ANOTHER ADJACENT FRAME CABLE SUPPORT BAR MOUNTING SCREW CENTER.

SK.EC

CALCULATION FORMULA.

$D1 + D2 + D3 + D4 = \text{TOTAL DIM SHOWN IN FIG'S 60 THRU 78B.}$

$\text{TOTAL CABLE LENGTH IS} = (D1 + D2 + D3 + D4)$

- D1 = FROM CABLE SUPPORT BAR (VERT. & HORIZ.) TO CONNECTOR LOCATION. SEE SKETCHES EA AND EB FOR DETAILS.
- D2 = HORIZONTAL LENGTH OF CABLE FROM EQL TO CORNER BEND RADIUS OF CABLE SUPPORT BAR.
- D3 = FROM CORNER BEND RADIUS OF CABLE SUPPORT BAR TO MOUNTING SCREW CENTERS.
- D4 = 1-INCH ADDED FOR TYPICAL CABLE BUILDUP ON CABLE SUPPORT BAR.

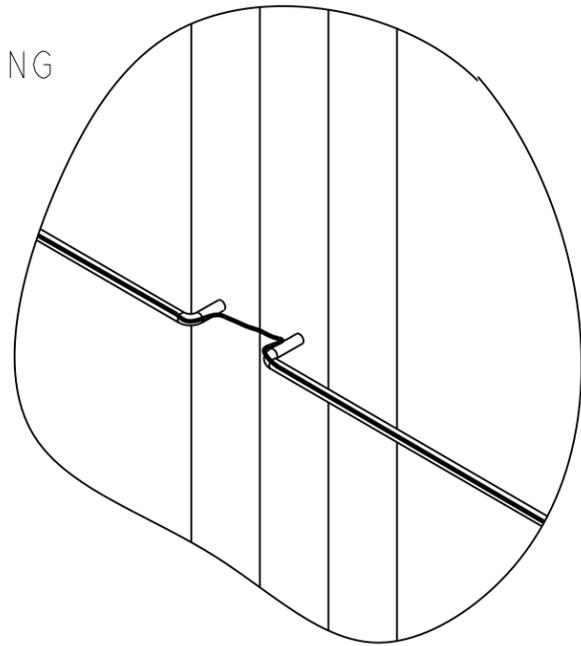
ADDITIONAL REFERENCES.

- D5 = DISTANCE ACROSS A BAY.
- D6 = DISTANCE BETWEEN ADJACENT TOWEL SUPPORT BARS MOUNTING SCREWS.

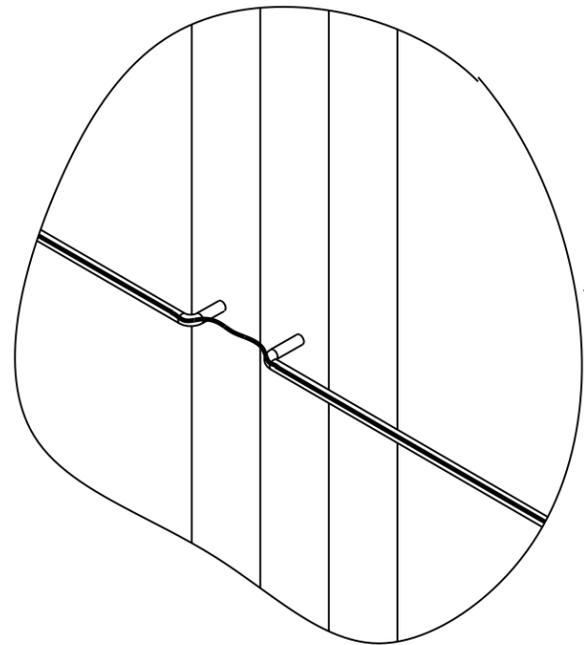
ED5D734-12

TITLE				
INTRA-CABINET CABLING				
(P)				
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		E2	21	C2/AIR

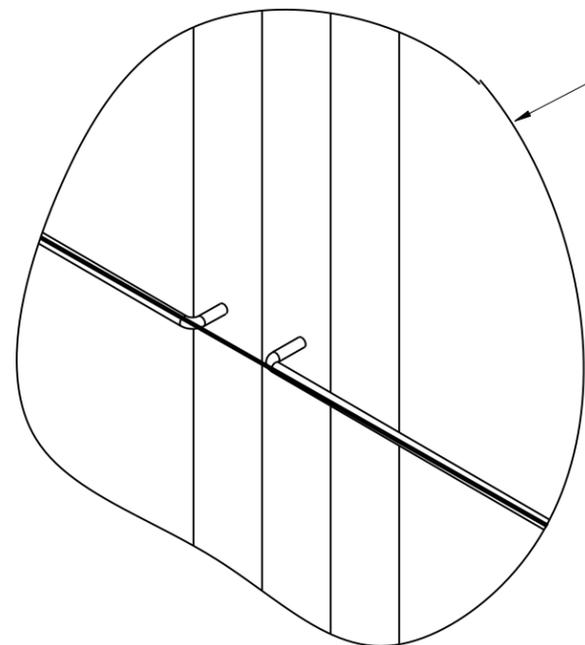
INTRA-CABINET CABLE ROUTING
(BAY TO BAY)
POSSIBLE SCENERIOS



DETAIL A
CABLES TO BE ROUTED AS SHOWN
WHEN BUILD-UP IS SMALL



DETAIL B
CABLES TO BE ROUTED AS SHOWN
WITH MODERATE BUILD-UP



DETAIL C
CABLES TO BE ROUTED AS SHOWN
WITH HEAVY BUILD-UP

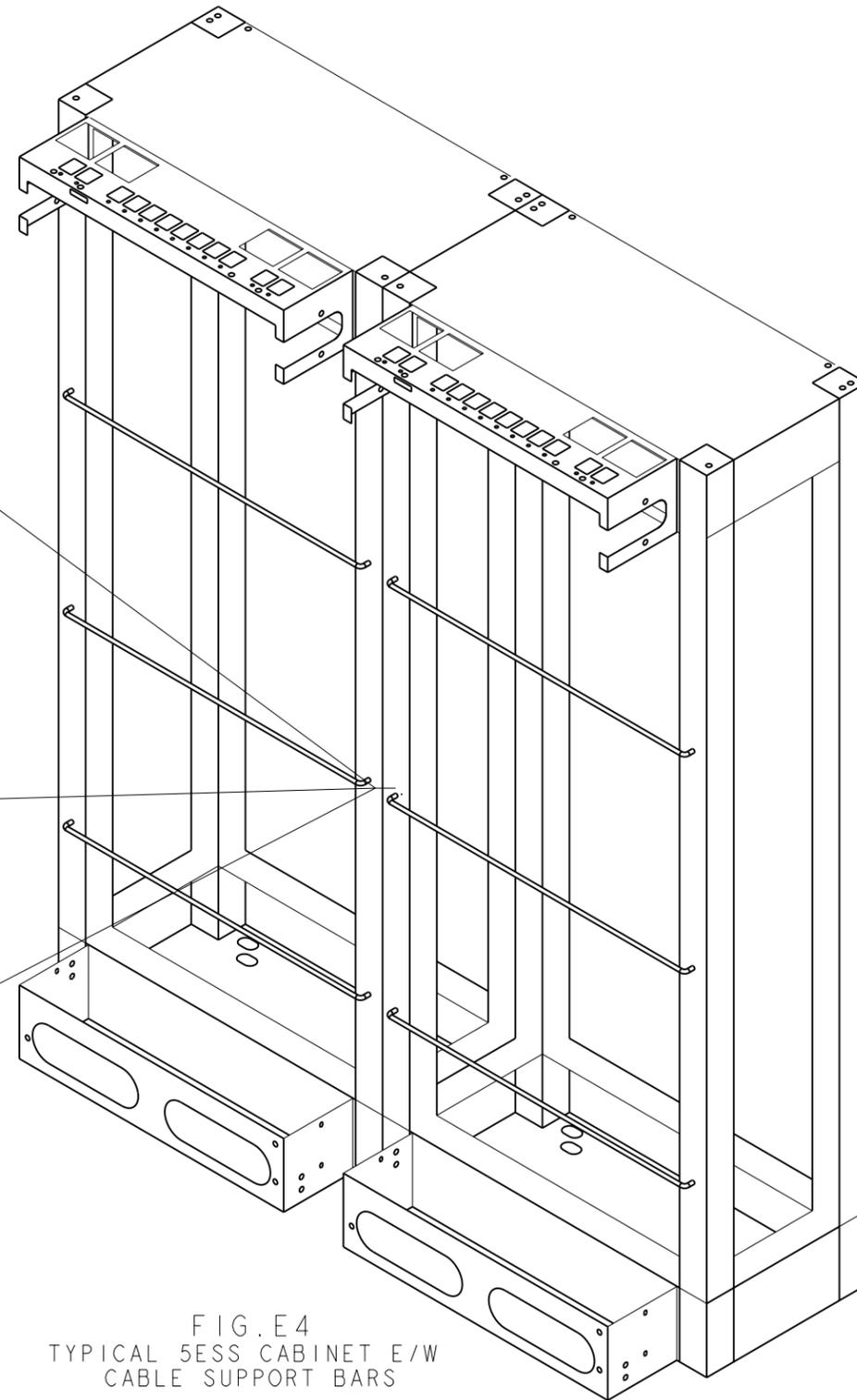


FIG. E4
TYPICAL 5ESS CABINET E/W
CABLE SUPPORT BARS

TITLE		INTRA-CABINET CABLING		
THIRD ANGLE PROJECTION		SEE PROPRIETARY NOTICE ON SHEET A1		
		SHEET	ISSUE	DWG SIZE
Lucent Technologies Inc.		E3	21	C2/AIR

ED5D734-12

SHEET NOTE 1: TYPICAL METHOD OF CALCULATING CABLE LENGTH FROM FRAME TO FRAME. - SEE SHEET E2 FOR CABLE CALCULATION DETAILS.

SHEET NOTE 2: ALL DIMENSIONS ARE IN INCHES.

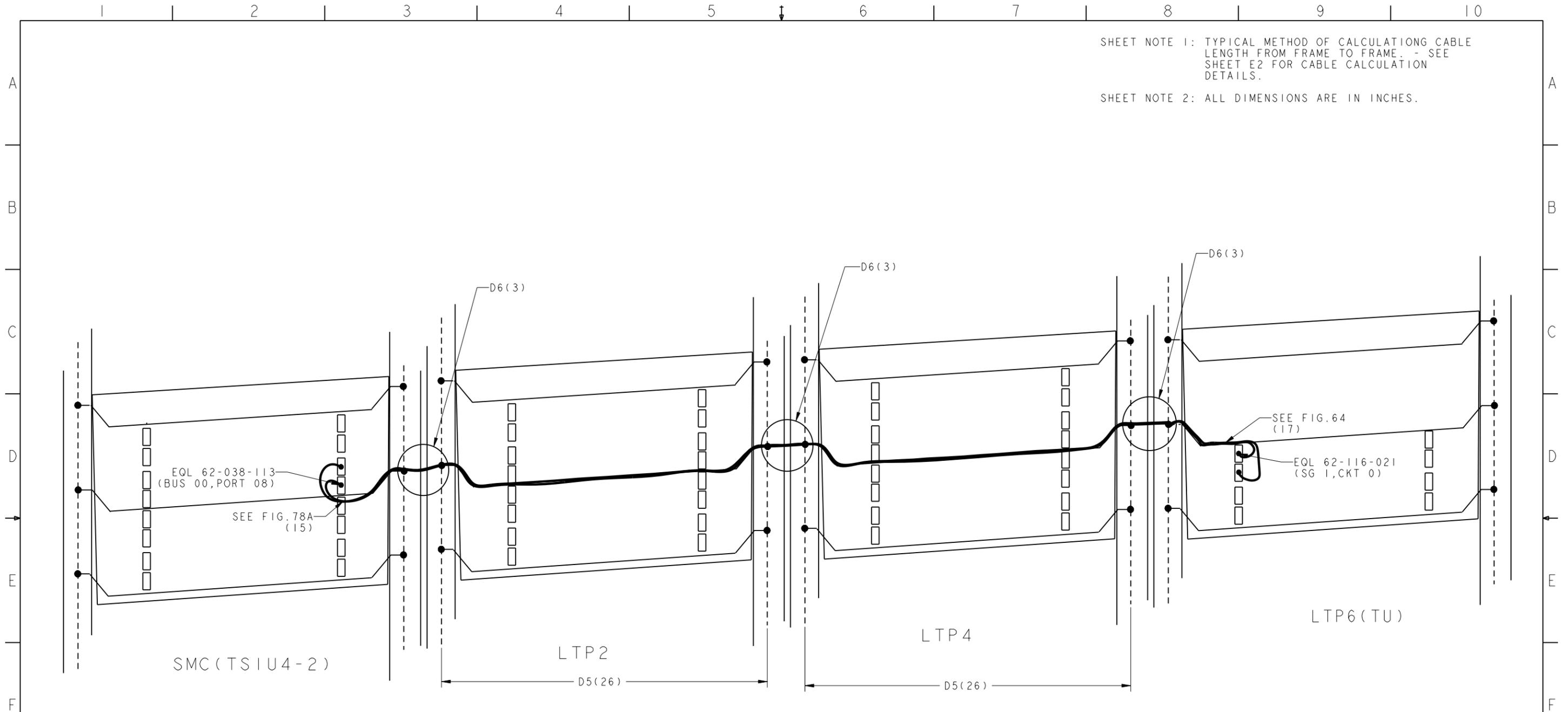


FIG. E5

PIDB CABLE LENGTH EXAMPLE - FROM: TSIU4-2 BUS 00, PORT 8 TO: TU SG1, CKT 0

$$[D1+D2+D3+D4] (15 \text{ in}) + [D6] (3 \text{ in}) + [\text{TOWEL BAR DEPTH}] (3 \text{ in}) + [D5] (26 \text{ in}) + [\text{TBD}] (3 \text{ in}) + [D6] (3 \text{ in}) + [\text{TBD}] (3 \text{ in}) + [D5] (26 \text{ in}) + [\text{TB}] (3 \text{ in}) + [D6] (3 \text{ in}) + [D1+D2+D3+D4] (17 \text{ in}) = 105 \text{ in}$$

CALCULATION OF CABLE LENGTHS FROM FRAME TO FRAME

ED5D734-12

TITLE					INTRA-CABINET CABLING				
THIRD ANGLE PROJECTION					SEE PROPRIETARY NOTICE ON SHEET A1				
Lucent Technologies Inc.		ED5D734-12			SHEET	ISSUE	DWG SIZE		
					E4	21	C2/AIR		