

ENGINEERING NOTES

51. CABLE LENGTHS SPECIFIED IN THE STOCK LIST (ROUNDED TO THE NEXT HIGHEST FOOT) ARE FOR BILL OF MATERIAL ONLY, AND NOT TO BE USED FOR CABLE LENGTH PREPARATION.

ISSUE NOTES (CONTINUED)

ISSUE CREATED TO CHANGE PROP CODE. TITLE BOX READ AT&T ON GRAPHIC SHTS C4 THRU C9, C11, C14, AND C16.

ORIG ISS: 03/01/83 CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 09/28/00 ISSUE: 12

-----IP (JJW)-----
(H09214)
S/L ITEM 1081 REINSTATED TO DRAWING, COMCODE READ 814624870 PER OC. ALSO, S/L ITEMS 1070 AND 1081 QTY WAS A/R, NOW READS 1.

ORIG ISS: 03/01/83 CHANGE CLASS: B

DRAFT: JJW ENGR: JJW SUPV: CERTIFIED: 01/29/01 ISSUE: 13

ISSUE NOTES

STOCKLIST ITEMS 1190,1195 & 1200 ADDED. NOTES 7 & 10 REVISED. IN G1 & G2, ARM 19 STITCHES 40,112 & 170 SKINNER LENGHT CHGD TO 3 3/4".

ORIG ISS: 03/01/83 CHANGE CLASS: AD

DRAFT: DJP ENGR: LM SUPV: VAULT: ISSUE: 5

* DRAWING CONVERTED FROM SEDBS TO MDS COMPUTER SYSTEMS. *
* THIS IS A MACHINE COPY OF THE LATEST SEDBS CERTIFIED ISSUE *
* AND MAY CONTAIN MINOR DIFFERENCES. THE TABLE OF ASSOCIATED *
* DRAWINGS WAS ELIMINATED DURING MIGRATION TO ASSIST THE *
* SCRUBBING OF PROPRIETARY INFORMATION. *

SL ITEMS 1020,1160,1200 LINED OUT. ITEMS 1025,1163,1205,1210,1215,1220,1225, 1230,1235 ADDED. ITEM 1010,1050,1060,1070,1080,1180,1185,1190,1195 CHG'D. NOTE 6 RMV'D. GROUPS 11-14 ADDED FOR MICU-E. GROUPS 15-18 ADDED FOR MSPU2.

ORIG ISS: 03/01/83 CHANGE CLASS: NONE

DRAFT: DJP ENGR: RW SUPV: CERTIFIED: 03/05/86 ISSUE: 6

SL ITEMS 1050,1060 REMOVED GROUPS 15,16. SL ITEM 1080 CHG'D IDENT CODE AND DESC. ADD NOTE 11. SL ITEMS 1190,1195,1215,1230 AND 1235 REF NOTE 11. SL ITEMS 1210,1215 CHG'D QTY 8 READ 4 AND 4 READ 2. ADD SL ITEMS 1055 AND 1065. CHG'D SKINNER LENGTH IN ARMS 68 AND 70. DRAWING RATING READ 'NONE'.

ORIG ISS: 03/01/83 CHANGE CLASS: AD

DRAFT: DSL ENGR: RW SUPV: CERTIFIED: 03/07/86 ISSUE: 7

GROUPS 1A,2A,7A,8A,11A,12A,13A,14A ADDED. S.L. ITEMS 1050 & 1060 REF TO GROUPS 15 & 16 RMV. S.L. ITEMS 1040,1050,1065 & 1120 LINED OUT. NOTE 12 ADDED.

ORIG ISS: 03/01/83 CHANGE CLASS: B

DRAFT: DSL ENGR: RW SUPV: CERTIFIED: 08/19/86 ISSUE: 8

TBL D REINSTATED. NOTES 13 THRU 21 ADDED. NOTE 5 RMVD. TCED & RLED INFORMATION INCORPORATED INTO ED; TCED & RLED AS WIRING DOCUMENTS SUPERSEDED.

ORIG ISS: 03/01/83 CHANGE CLASS: M

DRAFT: HZP ENGR: TFL SUPV: CERTIFIED: 09/27/91 ISSUE: 9

GROUPS 1N-18N,1AN,2AN,7AN,8AN AND 11AN-14AN ADDED TO FOCUS/PDD PART OF DWG ONLY-GRAPHIC SHTS WILL BE UPDATED AT THE NEXT ISS.

ORIG ISS: 03/01/83 CHANGE CLASS: B

DRAFT: REW ENGR: REW SUPV: CERTIFIED: 07/30/93 ISSUE: 10

GROUPS 1N THRU 18N DA'D USING AMP CONNECTORS(PER CHEETAH PROJ) NDD5D506NW-4, H7977

ORIG ISS: 03/01/83 CHANGE CLASS: ME

DRAFT: REW ENGR: REW SUPV: CERTIFIED: 01/29/97 ISSUE: 11

SHEET INDEX

SHT NBR	A1 THRU A2											ISSUE 13
ISSUE	D1 THRU D2											ISSUE 13
SHT NBR	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	
ISSUE	11	11	11	12	12	12	12	12	12	11	12	
SHT NBR	C12	C13	C14	C15	C16							
ISSUE	11	11	12	11	12							
SHT NBR												
ISSUE												
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SHT NBR												
ISSUE												

TABLE D-LIST OF ASSOCIATED REFERENCES

NUMBER	TITLE
=ED4C251-10	FASTECH WIRING & CABLING
=DENOTES NOT REQD BY INSTALLER	

LUCENT TECHNOLOGIES - PROPRIETARY
USE PURSUANT TO COMPANY INSTRUCTIONS

XT13

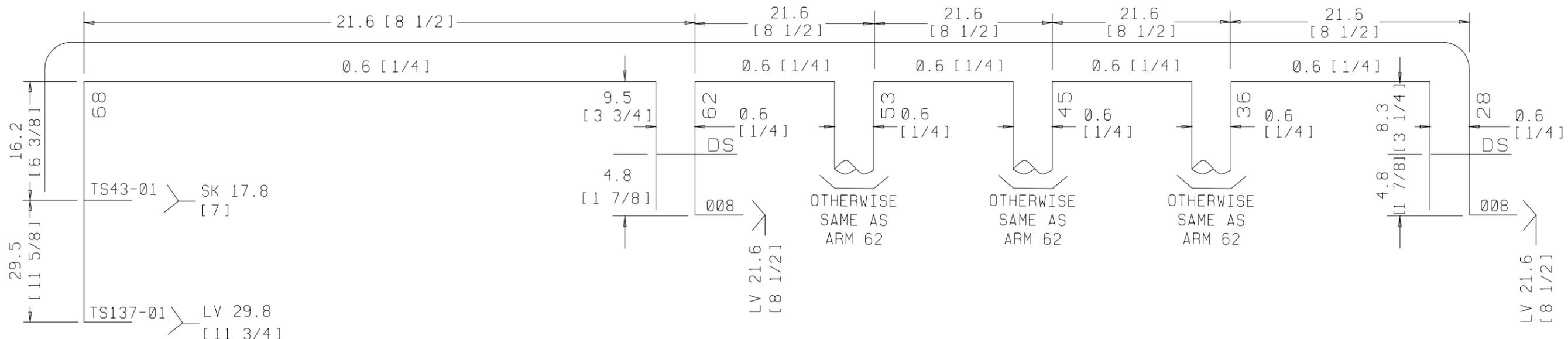
5ESS SWITCHING EQUIPMENT
CABLE ASSEMBLY
FOR
MESSAGE SWITCH POWER
AND ALARM
CABLES IN CABINET

DWG SIZE C2 ISSUE 13

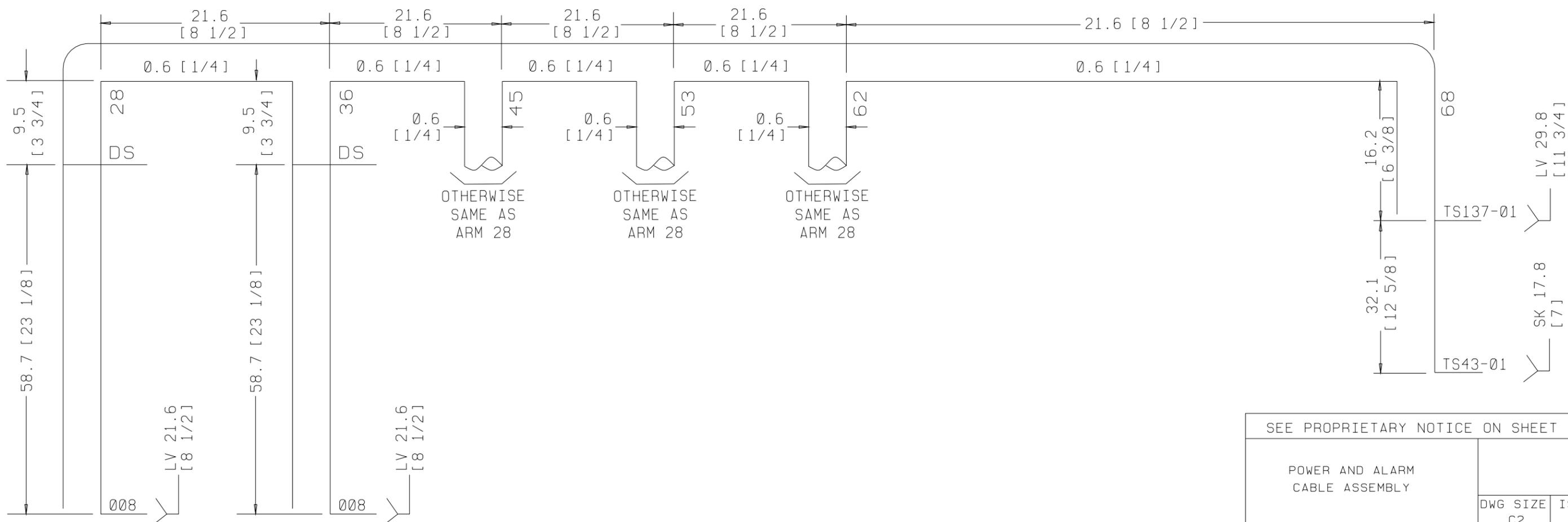
ED5D506-15

LUCENT TECHNOLOGIES INC ED5D506-15

SHEET A1 OF 20



GROUP 10



GROUP 9

ED5D506-15

SEE PROPRIETARY NOTICE ON SHEET ONE		
POWER AND ALARM CABLE ASSEMBLY		
	DWG SIZE c2	ISSUE 11
LUCENT TECHNOLOGIES INC.	ED5D506-15	SHEET c3

RUNNING LIST

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
1				GROUP 1,2		
2				16GA STRANDED PAIR		
3				KSI3385,LI		
4				ADD *R,R-BK*		
5		19	35		68	9T 6T
6						
7					19	170T8 112T8
8						
9					68	5T 5B
10						
11					19	040T8 040T6
12						
13					68	20B 20T
14						
15					19	112T6 170T6
16						
17					68	19T DROP
18						
19				26BY WIRE		
20				ADD W-BL		
21						
22		68 TS137-01		68TS43-01	28	008 DROP
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						
38						
39						

RUNNING LIST (CONT)

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
40				GROUP 1A,2A		
41				16GA STRANDED PAIR		
42				KSI3385,LI		
43				ADD *R,R-BK*		
44						
45		19	35		68	9T 6T
46						
47				R	19	170T7 CUT
48				R-BK		170T4 CUT
49						
50		68	5T	R	19	112T7 CUT
51				R-BK		112T4 CUT
52						
53		68	20T	R	19	112T8 CUT
54				R-BK		40T5 CUT
55						
56		68	19T	R	19	40T7 DROP
57				R-BK		40T4 DROP
58						
59				26BY WIRE		
60				ADD W-BL		
61						
62		68 TS137-01		68 TS43-01	28	008 DROP
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						

PROJ-ECEDFORM. FRM - FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1	
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN
DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES	ED5D506-15
	SHEET NO. C4

MODEL NAME

RUNNING LIST

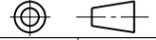
LINE	NOTE	START ARM	NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
1				GROUP 7,8				
2				16GA STRANDED PAIR				
3				KS13385,LI				
4				ADD *R,R-BK*				
5								
6		19	35			68	9T	6T
7								
8						19	170T8	112T8
9								
10						68	5T	5B
11								
12						19	040T8	040T6
13								
14						68	20B	20T
15								
16						19	112T6	170T6
17								
18						68	19T	7T
19								
20						45	20	15
21								
22						68	8T	18T
23								
24						53	16	CUT
25								
26		28	16			70	13X	4X
27								
28						36	16	DROP
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

RUNNING LIST (CONT)

LINE	NOTE	START ARM	NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
40				GROUP 7A,8A				
41				16GA STRANDED PAIR				
42				KS13385,LI				
43				ADD *R,R-BK*				
44								
45		28	16			70	13X	4X
46								
47						36	16	CUT
48								
49		19	35			68	9T	8T
50								
51						45	15	20
52								
53						68	7T	CUT
54								
55		68	18T			53	16	CUT
56								
57		68	6T		R	19	170T7	CUT
58					R-BK		170T4	CUT
59								
60		68	5T		R	19	112T7	CUT
61					R-BK		112T4	CUT
62								
63		68	20T		R	19	112T8	CUT
64					R-BK		40T5	CUT
65								
66		68	19T		R	19	40T7	DROP
67					R-BK		40T4	DROP
68								
69								
70								
71								
72								
73								

PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1	
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN 
DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES	ED5D506-15
	SHEET NO. C5

MODEL NAME

RUNNING LIST

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
1			GROUP 9, 10				
2			26BY WIRE				
3			ADD W-O, W-BR, W-G				
4							
5		68 TS43-01		W-O	53	008	CUT
6							
7				W-BR	45	008	DROP
8							
9				W-G	28	008	CUT
10							
11		68 TS137-01		W-G	62	008	DROP
12							
13				W-O	36	008	DROP
14							
15			ADD W-BL				
16							
17		68 TS137-01	68TS43-01		28	008	DROP
18							
19			MICU-2 GROUP 11, 12				
20			S-MOD 16GA STRANDED PAIR				
21			KS13385, L1				
22			ADD *R, R-BK*				
23		19 016			68	10T	9T
24							
25					19	034	171
26							
27					70	10X	CUT
28							
29		68 6T			19	170T8	112T8
30							
31					68	5T	5B
32							
33					19	040T8	040T6
34							
35					68	20B	20T
36							
37					19	112T6	170T6
38							
39					68	19T	DROP

RUNNING LIST (CONT)

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	ARM	IN NAIL	OUT NAIL
40			GROUP 11A, 12A				
41			16GA STRANDED PAIR				
42			KS13385, L1				
43			ADD *R, R-BK*				
44							
45		19 16			68	10T	9T
46							
47					19	34	171
48							
49					70	10X	CUT
50							
51		68 6T		R	19	170T7	CUT
52				R-BK		170T4	CUT
53							
54							
55		68 5T		R	19	112T7	CUT
56				R-BK		112T4	CUT
57							
58		68 20T		R	19	112T8	CUT
59				R-BK		40T5	CUT
60							
61		68 19T		R	19	40T7	DROP
62				R-BK		40T4	DROP
63							
64							
65							
66							
67							
68							
69							
70							
71							
72							
73							

PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1	
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN
DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES	ED5D506-15 MODEL NAME
	SHEET NO. C6

RUNNING LIST

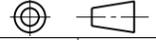
LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
1			MICU-2	GROUP 13,14		
2			M-MOD	16GA STRANDED PAIR		
3				KS13385,LI		
4				ADD *R,R-BK*		
5						
6		19 016			68 10T	9T
7						
8					19 034	171
9						
10					70 10X	13X
11						
12					28 16	CUT
13						
14		70 4X			36 16	CUT
15						
16		68 6T			19 170T8	112T8
17						
18					68 5T	5B
19						
20					19 040T8	040T6
21						
22					68 20B	20T
23						
24					19 112T6	170T6
25						
26					68 19T	7T
27						
28					45 20	15
29						
30					68 8T	18T
31						
32					53 16	DROP
33						
34						
35						
36						
37						
38						
39						

RUNNING LIST (CONT)

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
40				GROUP 13A,14A		
41				16GA STRANDED PAIR		
42				KS13385,LI		
43				ADD *R,R-BK*		
44						
45		19 16			68 10T	9T
46						
47					19 34	171
48						
49					70 10X	13X
50						
51					28 16	CUT
52						
53		70 4X			36 16	CUT
54						
55		53 16			68 18T	8T
56						
57					45 15	20
58						
59					68 7T	CUT
60						
61		68 6T		R	19 170T7	CUT
62				R-BK	170T4	CUT
63						
64		68 5T		R	19 112T7	CUT
65				R-BK	112T4	CUT
66						
67		68 20T		R	19 112T8	CUT
68				R-BK	40T5	CUT
69						
70		68 19T		R	19 40T7	DROP
71				R-BK	40T4	DROP
72						
73						

PROJ-ECEDFORM, FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1		
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN 	
	DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES	ED5D506-15	SHEET NO. C7

MODEL NAME

RUNNING LIST

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
1						
2						
3						
4						
5		68 TS137-01		W-O	62 008	DROP
6						
7				W-BL	62 098	DROP
8						
9						
10						
11						
12						
13		68 TS043-01		W-O	62 008	DROP
14						
15				W-BL	62 098	DROP
16						
17			MSPU-2			
18						
19						
20						
21						
22		68 16B			62 017	105
23						
24						
25					68 16T	DROP
26						
27			MSPU-2			
28						
29						
30						
31						
32		68 4T			62 105	017
33						
34					68 4B	DROP
35						
36						
37						
38						
39						

RUNNING LIST (CONT)

LINE	NOTE	START ARM NAIL	BREAK OUT AT	SEPARATE COLOR	IN ARM NAIL	OUT NAIL
40						
41						
42						
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
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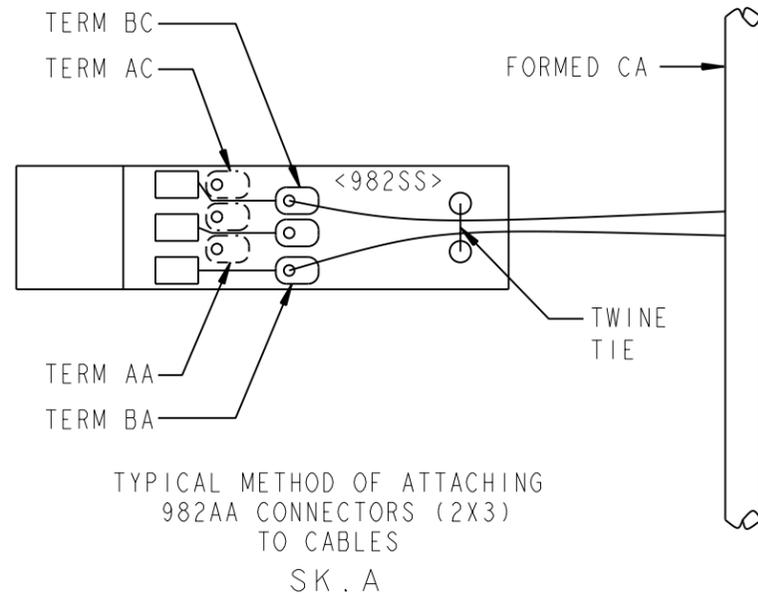
PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

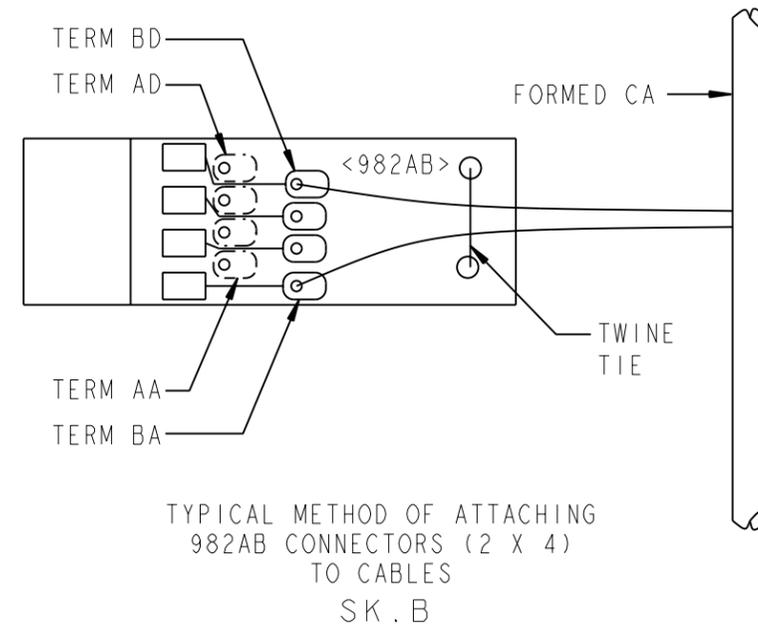
FOR PROPRIETARY NOTICE SEE SHEET A1	
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN
DWG SIZE C2	ISSUE 12
LUCENT TECHNOLOGIES	ED5D506-15 SHEET NO. C8

MODEL NAME

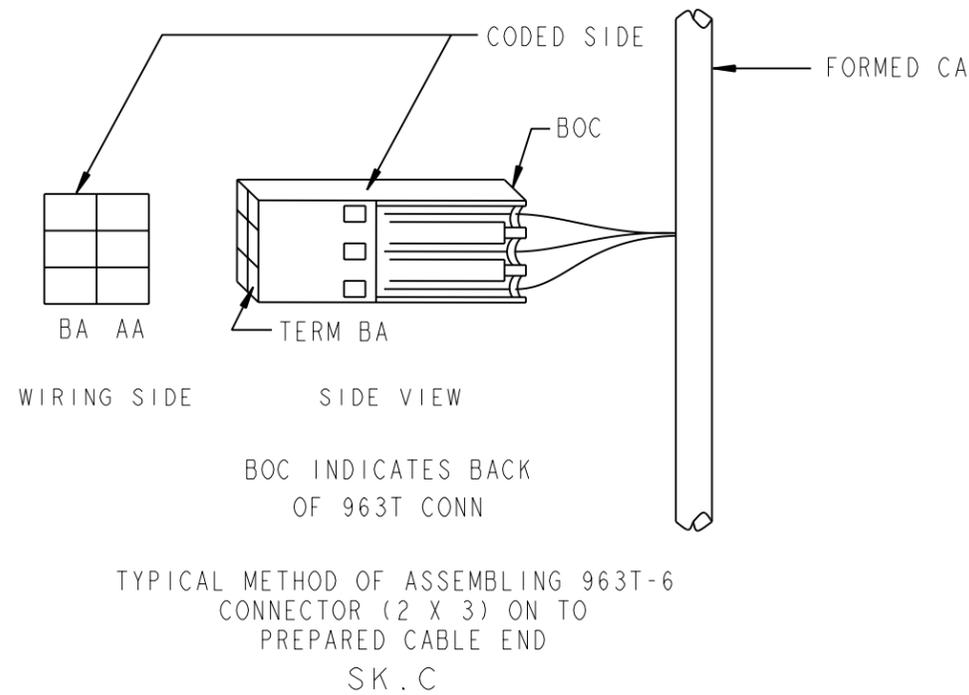
982SS CONNECTOR



982AB CONNECTOR



963T-6 CONNECTOR
TYPICAL



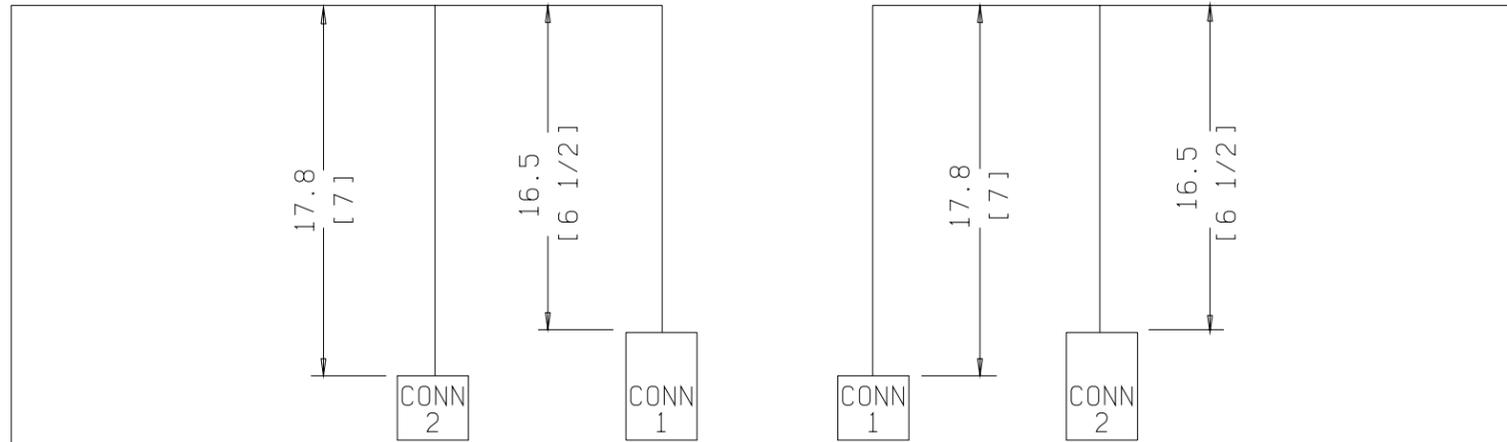
PROJ-EGEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
POWER AND ALARM CABLE ASSEMBLY			
DWG SIZE C2	ISSUE 12	SHEET NO. C9	
LUCENT TECHNOLOGIES	ED5D506-15	MODEL NAME	

CONNECTING INFORMATION

GROUP 1,1A				
CONN POS 1				
982AB CONN				
TERMINALS				
ROW	A	B	C	D
A		[2]W-BL		
B				



GROUP 2,2A				
CONN POS 2				
WIRING SIDE OF 2 X 4 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	
		AB	BB	
	W-BL	AC	BC	
		AD	BD	

CODED SIDE OF 963T CONN

GROUP 1,1A				
CONN POS 2				
WIRING SIDE OF 2 X 4 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	
		AB	BB	
	W-BL	AC	BC	
		AD	BD	

CODED SIDE OF 963T CONN

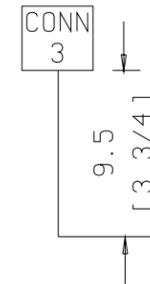
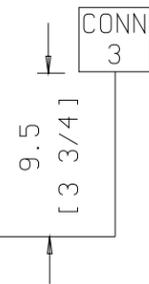
GROUP 2,2A				
CONN POS 2				
982AB CONN				
TERMINALS				
ROW	A	B	C	D
A		[2]W-BL		
B				

GROUP 1,1A				
CONN POS 3				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
	W-BL	AA	BA	
		AB	BB	
		AC	BC	

CODED SIDE OF 963T CONN

GROUP 2,2A				
CONN POS 3				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
	W-BL	AA	BA	
		AB	BB	
		AC	BC	

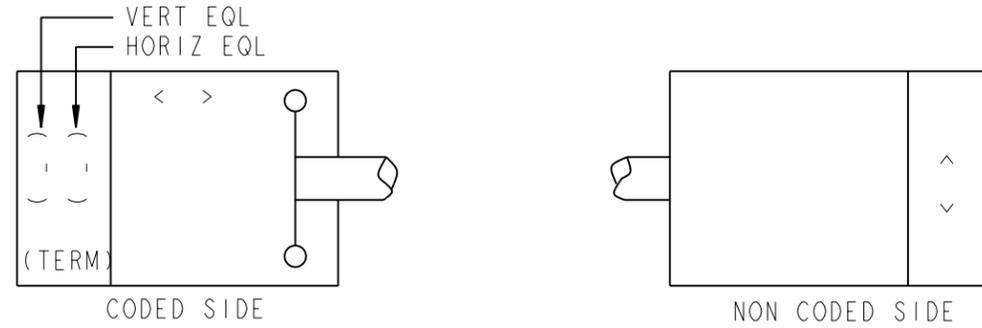
CODED SIDE OF 963T CONN



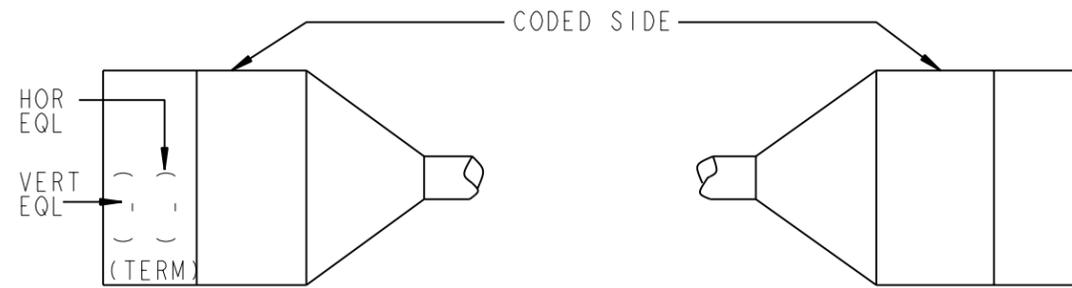
GROUP 1,2,1A,2A

SEE PROPRIETARY NOTICE ON SHEET ONE		
POWER AND ALARM CABLE ASSEMBLY		DWG SIZE c2
LUCENT TECHNOLOGIES INC.		ISSUE 11
ED5D506-15		SHEET c10

STAMPING INFORMATION



982AB CONNECTOR (2X4)



963T CONNECTOR (2X)

STAMPING TABLE

GROUP	CABLE DESIG	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
1, 1A		1	169-043	101					
		2	169-137	101					
		3	119-008	145					
2, 2A		1	069-137	101					
		2	069-043	101					
		3	019-008	145					

GROUP 1,2, 1A,2A

PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
POWER AND ALARM CABLE ASSEMBLY			
DWG SIZE C2	ISSUE 12	SHEET NO. C11	
	ED5D506-15	MODEL NAME	

LUCENT TECHNOLOGIES

ED5D506-15

MODEL NAME

CONNECTING INFORMATION

CONN POS 1				
982AB CONN				
TERMINALS				
ROW	A	B	C	D
A	W-BR	[2]W-BL	W-0	W-G
B				

CONN POS 4				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	W-0
		AB	BB	
		AC	BC	

CONN POS 2				
WIRING SIDE OF 2 X 4 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	
	W-G	AB	BB	
	W-BL	AC	BC	
	W-0	AD	BD	

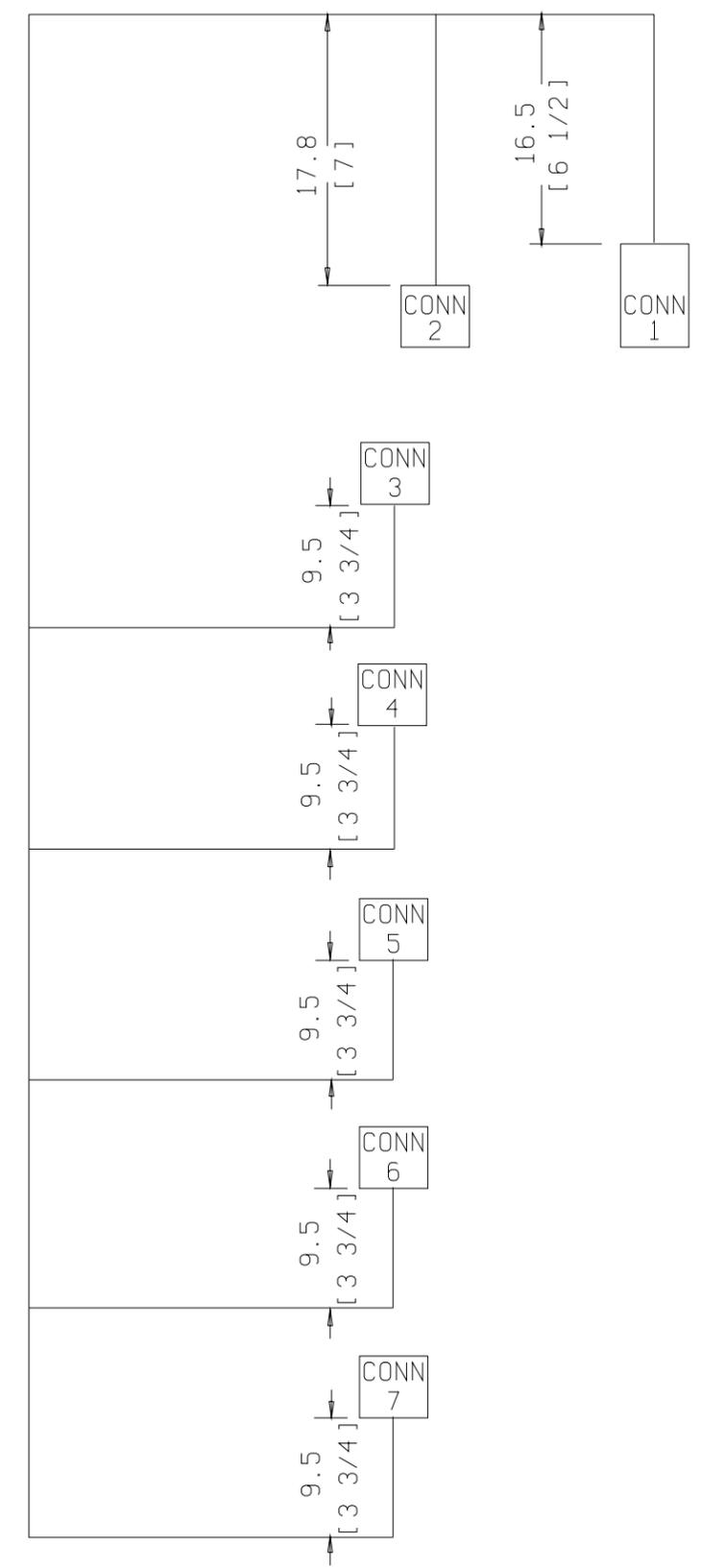
CONN POS 5				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	W-BR
		AB	BB	
		AC	BC	

CONN POS 3				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	W-G
		AB	BB	
		AC	BC	

CONN POS 6				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
		AA	BA	W-0
		AB	BB	
		AC	BC	

CONN POS 7				
WIRING SIDE OF 2 X 3 CONN				
AMP CONN IDENT	COLOR	TERM	TERM	COLOR
	W-BL	AA	BA	W-G
		AB	BB	
		AC	BC	

CODED SIDE OF 963T CONN



GROUP 9

SEE PROPRIETARY NOTICE ON SHEET ONE		
POWER AND ALARM CABLE ASSEMBLY		
DWG SIZE c2	ISSUE 11	
LUCENT TECHNOLOGIES INC.	ED5D506-15	SHEET C12

CONNECTING INFORMATION

AMP CONN IDENT

CONN POS 1			
WIRING SIDE OF 2 X 4 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	
W-G	AB	BB	
W-BL	AC	BC	
W-O	AD	BD	

CODED SIDE OF 963T CONN

AMP CONN IDENT

CONN POS 4			
WIRING SIDE OF 2 X 3 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	W-O
	AB	BB	
	AC	BC	

CODED SIDE OF 963T CONN

CONN POS 2				
982AB CONN				
ROW	TERMINALS			
	A	B	C	D
A	W-BR	(2)W-BL	W-O	W-G
B				

AMP CONN IDENT

CONN POS 5			
WIRING SIDE OF 2 X 3 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	W-BR
	AB	BB	
	AC	BC	

CODED SIDE OF 963T CONN

AMP CONN IDENT

CONN POS 3			
WIRING SIDE OF 2 X 3 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	W-G
	AB	BB	
	AC	BC	

CODED SIDE OF 963T CONN

AMP CONN IDENT

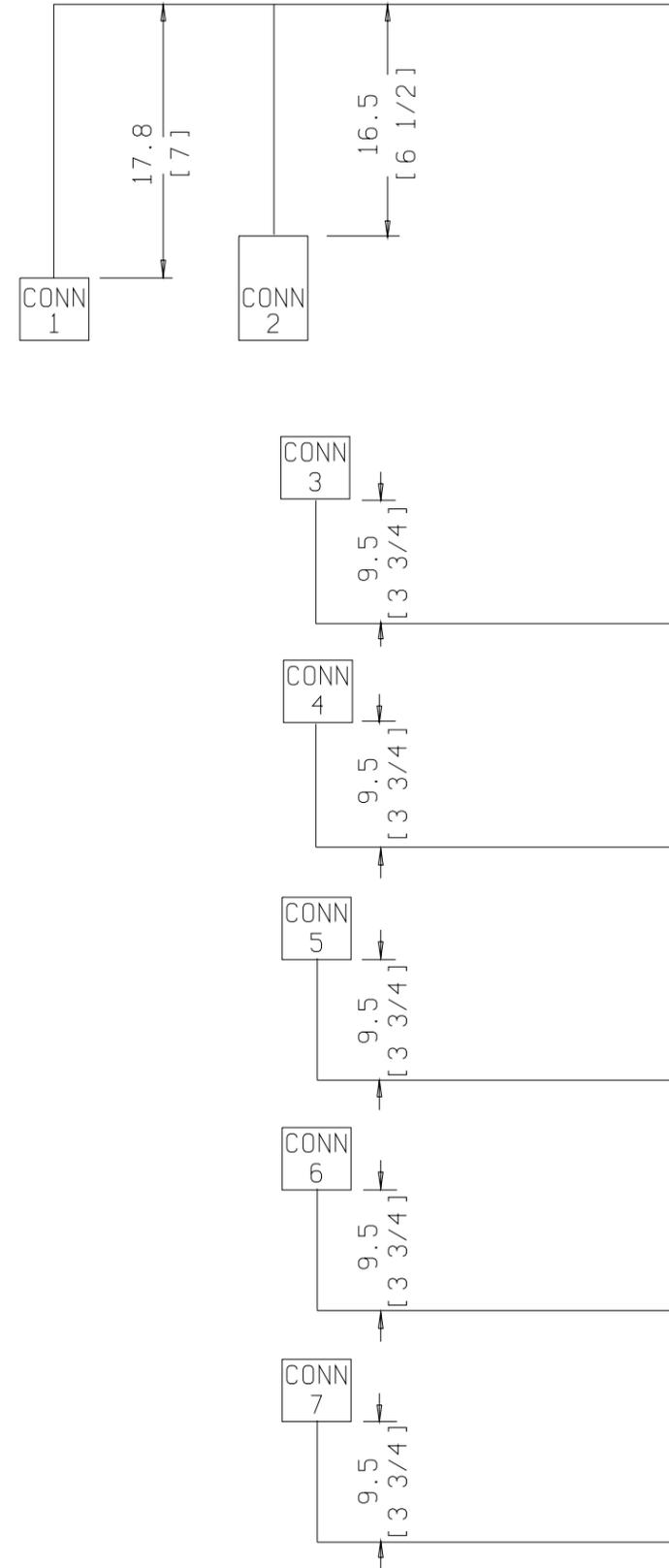
CONN POS 6			
WIRING SIDE OF 2 X 3 CONN			
COLOR	TERM	TERM	COLOR
	AA	BA	W-O
	AB	BB	
	AC	BC	

CODED SIDE OF 963T CONN

AMP CONN IDENT

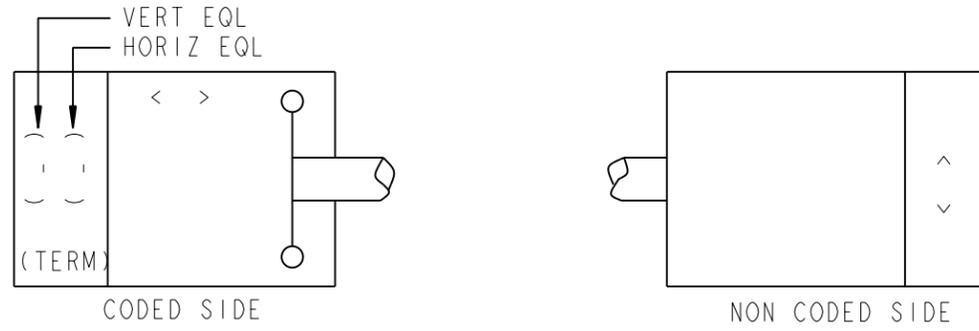
CONN POS 7			
WIRING SIDE OF 2 X 3 CONN			
COLOR	TERM	TERM	COLOR
W-BL	AA	BA	W-G
	AB	BB	
	AC	BC	

CODED SIDE OF 963T CONN

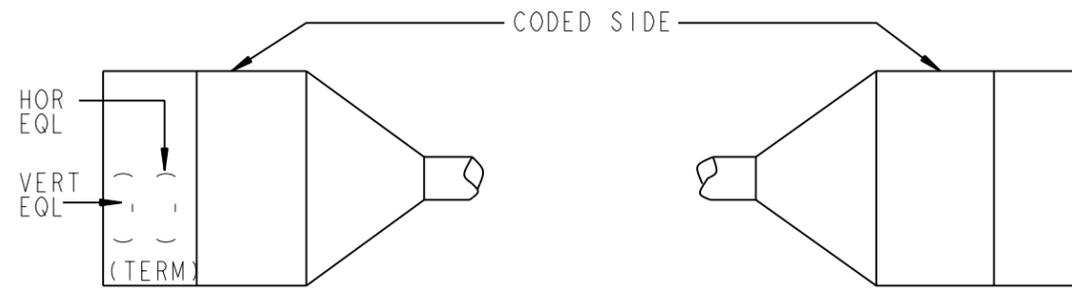


GROUP 10

STAMPING INFORMATION



982AB CONNECTOR (2X4)



963T- CONNECTOR (2X)

STAMPING TABLE

GROUP	CABLE DESIG	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
9		1	169-043	101					
		2	169-137	101					
		3	153-008	145					
		4	145-008	145					
		5	136-008	145					
		6	128-008	145					
		7	119-008	145					
10		1	069-137	101					
		2	069-043	101					
		3	053-008	145					
		4	045-008	145					
		5	036-008	145					
		6	028-008	145					
		7	019-008	145					

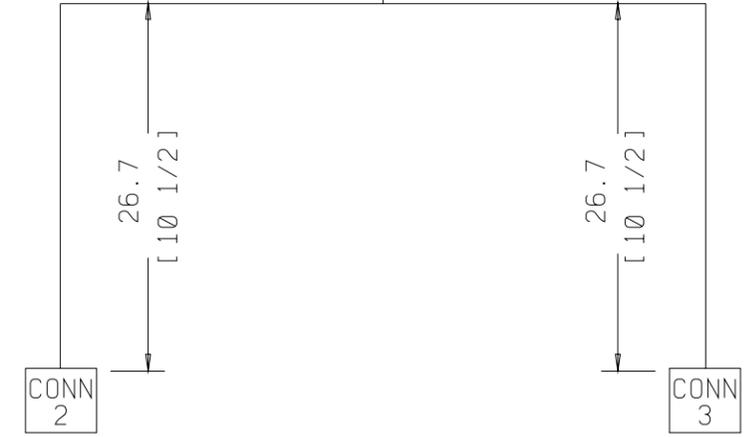
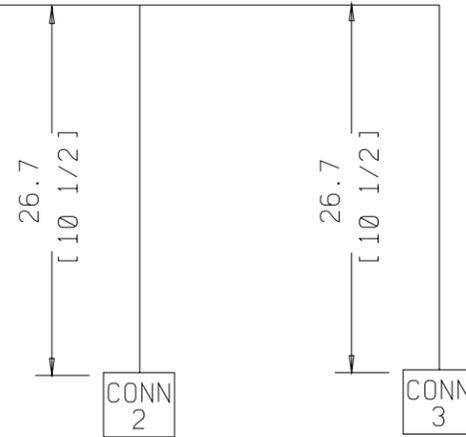
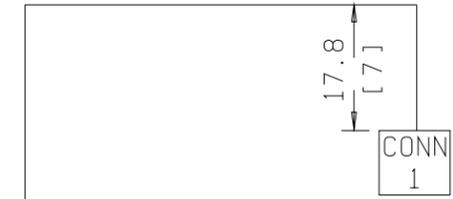
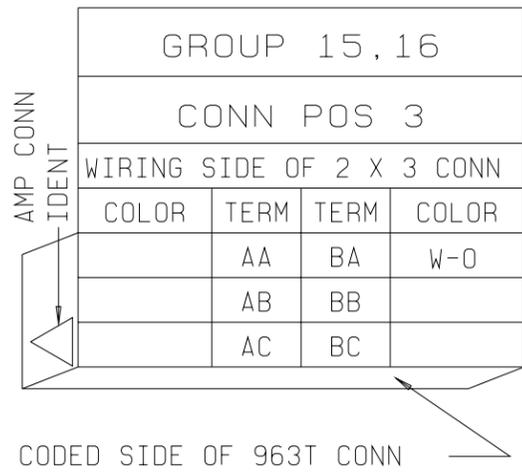
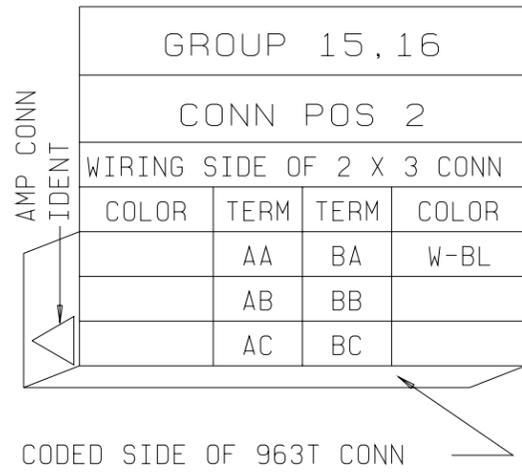
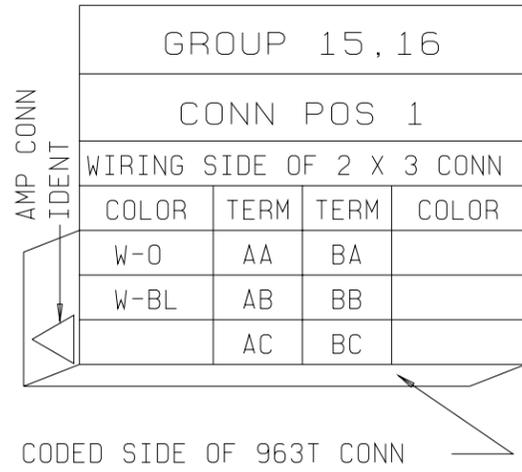
GROUP 9, 10

PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1		THIRD ANGLE PROJN	
POWER AND ALARM CABLE ASSEMBLY			
DWG SIZE C2	ISSUE 12	SHEET NO. C14	
LUCENT TECHNOLOGIES	ED5D506-15	MODEL NAME	

CONNECTING INFORMATION



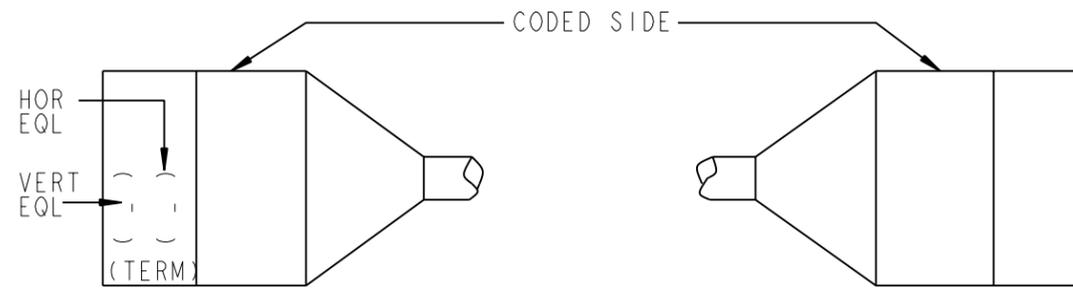
GROUP 15

GROUP 16

GROUP 15,16

SEE PROPRIETARY NOTICE ON SHEET ONE		
POWER AND ALARM CABLE ASSEMBLY		
	DWG SIZE c2	ISSUE 11
LUCENT TECHNOLOGIES INC.	ED5D506-15	SHEET C15

STAMPING INFORMATION



963T-6 CONNECTOR (2X3)

STAMPING TABLE

GROUP	CABLE DESIG	CONN POS	EQL	TERM	CAB	CONN POS	EQL	TERM	CAB
15		1	168-137	108					
		2	162-098	145					
		3	162-008	145					
16		1	068-043	108					
		2	062-098	145					
		3	062-008	145					

GROUP 15,16

PROJ-ECEDFORM. FRM-FEB 96

ED5D506-15

FOR PROPRIETARY NOTICE SEE SHEET A1		
POWER AND ALARM CABLE ASSEMBLY	THIRD ANGLE PROJN 	
DWG SIZE C2	ISSUE 12	
LUCENT TECHNOLOGIES	ED5D506-15	SHEET NO. C16

MODEL NAME

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1010	1,1A,1N, 2,2A,2N, 4,4N,7, 7A,7N,8, 8A,8N,11, 11A,11N, 12,12A, 12N,13, 13A,13N, 14,14A, 17,18, 1AN,2AN, 7AN,8AN, 11AN, 12AN	1	996340956	KS13385L1	WIRE,GROUND 16 GA, STRANDED, R/R-BK A DIMENSION = 12 FEET 0 INCH			
1011	1,1N,2, 2N	16	406918912		RECEPTACLE #41774 AMP INC.			10
1015	1,1A,1N, 2,2A,2N, 1AN,2AN	1	103125340	982AB	CONNECTOR			12
1017	1,1A,2, 2A	1	105772792	963T-8	CONNECTOR			
1018	1N,2N, 1AN,2AN	1	406922245		CONNECTOR #966061-8 AMP INC.			
1019	1N,2N, 1AN,2AN	2	406885681		COVER,CONNECTOR #2-964393-4 AMP INC.			
1020	1,1A,2, 2A	1	105772784	963T-6	CONNECTOR			
1022	1N,2N, 1AN,2AN	1	406922161		CONNECTOR #966061-6 AMP INC.			
1023	1N,2N, 1AN,2AN	2	406885673		COVER,CONNECTOR #2-964393-3 AMP INC.			
1024	1A,2A, 1AN,2AN	12	406918912		RECEPTACLE #41774 AMP INC.			10
1026	1A,2A,7A, 8A,11A, 12A,13A, 14A,1AN, 2AN,7AN, 8AN,11AN, 12AN, 13AN, 14AN	8	406919100		RECEPTACLE #42452-5 AMP INC.			10
1030	9,9N,10, 10N	1	103125340	982AB	CONNECTOR			
1035	9,10	5	105772784	963T-6	CONNECTOR			
1036	9N,10N	5	406922161		CONNECTOR #966061-6 AMP INC.			
1037	9N,10N	10	406885673		COVER,CONNECTOR #2-964393-3 AMP INC.			
1040	9,10	1	105772792	963T-8	CONNECTOR			
1042	9N,10N	1	406922245		CONNECTOR #966061-8 AMP INC.			
1046	9N,10N	2	406885681		COVER,CONNECTOR #2-964393-4 AMP INC.			
1060	15,16	3	105772784	963T-6	CONNECTOR			
1062	15N,16N	3	406922161		CONNECTOR #966061-6 AMP INC.			

STOCKLIST CONTINUED ON SHEET D2

S H O P T	MANUFACTURING NOTES											
	X	<p>1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METRICS (CM). EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.</p> <p>2. DIMENSIONS 12 INCHES AND OVER ARE EXPRESSED IN FEET AND INCHES. ALL OTHER DIMENSIONS ARE IN INCHES.</p> <p>3. UNLESS OTHERWISE SPECIFIED THE SHINER LENGTH IS TO BE DETERMINED BY THE INDIVIDUAL MANUFACTURING LOCATIONS AND IS IN ADDITION TO THE SPECIFIED DIMENSIONS.</p> <p>4. OVERALL CABLE LENGTH (DESIGNATED AS "FC" DIM IN TBL S) IS THE LENGTH OF FINISHED CABLE MEASURED FROM THE FARTHEST TIP OF CONN AT ONE END OF THAT CABLE TO THE FARTHEST TIP OF CONN AT THE OTHER END.</p> <p>5. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS WILL HOLD A LENGTH TOLERANCE AS FOLLOWS:</p> <table border="1"> <thead> <tr> <th>METRIC LENGTH</th> <th>TOLERANCE</th> <th>ENGLISH LENGTH</th> <th>TOLERANCE</th> </tr> </thead> <tbody> <tr> <td>0-1 M</td> <td>+/-1.5 CM</td> <td>{ZERO TO 3' 4"</td> <td>+/-0.5"} 1 M AND UP</td> <td>+/-1.5% {3' 4" & UP</td> <td>+/-1.5% +/-1.5%}</td> </tr> </tbody> </table> <p>6. A/R=AS REQUIRED.</p> <p>7. LUG 406918912 IS TO BE EQUIPPED WITH HEAT SHRINK TUBING 900422494. TUBING MUST BE CUT TO LENGTH REQUIRED TO COVER ENTIRE TERMINAL LUG. LUGS ON ARMS 68 AND 70 SHALL NOT HAVE A HEAT SHRINK.</p> <p>8. RESERVED.</p> <p>9. THE TOLERANCE VARIATION ALLOWED ON FORMED SECTIONS OF CABLES ON THE CABLE FORMING BOARD IS + OR - 1/8 INCH FOR STITCH BREAKOUTS AND + OR - 1/4 INCH, FOR ARM, MAIN ARM, AND SUB-ARM DIMENSIONS AND BREAKOUTS. AFTER THE CABLE IS REMOVED FROM THE CABLE FORMING BOARD THE TOLERANCE ALLOWED FOR STITCH LOCATION IS + OR - 1/4 INCH AND + OR - 1/2 INCH SPACING BETWEEN SUB-ARMS. THE OVERALL LENGTH TOLERANCE OF A MAIN ARM IS + OR - 1 INCH. NOTE: FORMED DIMENSIONS AND CABLE LAYOUT DIMENSIONS ARE MEASURED IN THE SAME MANNER.</p> <p>10. IN ARM 19 FOR GROUPS 1,1N,1A,1AN,2,2A,2N,2AN,7,7A,7N,7AN,8,8A,8N,8AN,11-14,11A-14A,11N-14N,11AN-14AN STITCHES 170T8,170T6,112T8,112T6,40T8,40T6 SHALL HAVE AN AMP INC. FASTON LUG TERMINAL #42452-6. DO NOT SOLDER, HEAT SHRINK NOT REQUIRED.</p> <p>11. SLEEVING APPLIED PER ED4C250-10, SHT 13, SK-CC. USE SKETCH SPECIFICATION UNLESS OTHERWISE SHOWN ON STOCKLIST.</p> <p>12. USE ONE STRAND OF 8 PLY POLYESTER TWINE (900-308-9) AS A STRAIN RELIEF ON THE 982AA,982AB,982AC & 982SS CONN & ALSO ON THE 982AD CONNECTORS WHICH ALSO HAVE MORE THAN 14 LEADS.</p> <p>13. AA, AB, BA, BB ETC., ARE TERMINAL REFERENCE ONLY. DO NOT STAMP THESE ON BACKPLANE CONNECTORS.</p> <p>14. BL-W/W-BL ETC., INDICATES PAIRED LEADS. COLOR AT LEFT OF SLASH INDICATES COLOR OF LEAD TO BE CONNECTED. COLOR AT RIGHT OF SLASH IS THE COLOR OF THE OTHER LEAD IN THE PAIR.</p> <p>15. { } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.</p> <p>16. () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.</p> <p>17. EQL (EQUIPMENT LOCATION) SHOWN IN THE STAMPING TABLE IS IDENTIFIED AS FOLLOWS:</p> <p style="text-align: center;">(VERT) (HOR) 119 - 042</p> <p>18. "CUT" MEANS TO CUT THE WIRE(S) BUT RETAIN AND USE IN NEXT RUN.</p> <p>19. "DROP" MEANS TO CUT AND RELEASE THE WIRES AS THEY ARE NOT TO BE USED IN THE NEXT RUN.</p> <p>20. "BAL" DESIGNATES THAT THE REMAINING WIRES ARE COMMON TO THE "IN" AND "OUT" COLUMNS.</p> <p>21. "ADD" MEANS THAT THE INDICATED COLORS ARE TO BE SELECTED AND INTRODUCED IN THE NEXT RUN.</p> <p>22. REFER TO LOCAL MANUFACTURING DOCUMENTATION FOR SPECIFICS.</p> <p>23. UNLESS OTHERWISE INDICATED, SKINNER LENGTHS ARE TO BE 4-1/2 INCHES.</p>		METRIC LENGTH	TOLERANCE	ENGLISH LENGTH	TOLERANCE	0-1 M	+/-1.5 CM	{ZERO TO 3' 4"	+/-0.5"} 1 M AND UP	+/-1.5% {3' 4" & UP
METRIC LENGTH	TOLERANCE	ENGLISH LENGTH	TOLERANCE									
0-1 M	+/-1.5 CM	{ZERO TO 3' 4"	+/-0.5"} 1 M AND UP	+/-1.5% {3' 4" & UP	+/-1.5% +/-1.5%}							

SEE PROPRIETARY NOTICE ON SHEET ONE

XT13	
5ESS SWITCHING EQUIPMENT CABLE ASSEMBLY FOR MESSAGE SWITCH POWER AND ALARM CABLES IN CABINET	
DWG SIZE C2	ISSUE 13
LUCENT TECHNOLOGIES INC ED5D506-15	
SHEET D1 OF 20	

ED5D506-15

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1064	15N,16N	6	406885673		COVER,CONNECTOR #2-964393-3 AMP INC.				
1070	9,9N,10, 10N,15, 15N,16, 16N	1	814624862	P-46B486	WIRE 26BY W-BL A DIMENSION = 12 FEET 0 INCH				
1081	9,9N,10, 10N,15, 15N,16, 16N	1	845270537		WIRE,TEST 26 AWG W-0 A DIMENSION = 12 FEET 0 INCH				
1090	9,9N,10, 10N	1	814624888	P-46B488	WIRE,GROUND 26 GA, SOLID, W-G TINNED A DIMENSION = 12 FEET 0 INCH				
1100	9,9N,10, 10N	1	814624896	P-46B489	WIRE,GROUND 26 GA, SOLID, W-BR TINNED A DIMENSION = 12 FEET 0 INCH				
1130	1,1A,1N, 2,2A,2N, 1AN,2AN	1	814624862	P-46B486	WIRE 26BY W-BL A DIMENSION = 12 FEET 0 INCH				
1163	7,7N,8, 8N	36	406918912		RECEPTACLE #41774 AMP INC.				10
1180	1,1N,2, 2N,11, 11N,12, 12N	12	406919100		RECEPTACLE #42452-5 AMP INC.				10
1185	7,7N,8, 8N,13, 13N,14, 14N	12	406919100		RECEPTACLE #42452-5 AMP INC.				10
1190	1,1N,2, 2N,11A, 12A,11AN, 12AN	14	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				11
1192	1A,2A, 1AN,2AN	10	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				
1193	11,11N, 12,12N	18	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				
1195	7,7N,8, 8N,13A, 14A,13AN, 14AN	24	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				11
1200	7A,8A, 7AN,8AN	20	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				
1210	17,17N, 18,18N	8	406918912		RECEPTACLE #41774 AMP INC.				
1215	17,17N, 18,18N	4	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				11
1220	11,11N, 12,12N	24	406918912		RECEPTACLE #41774 AMP INC.				
1225	13,13N, 14,14N	44	406918912		RECEPTACLE #41774 AMP INC.				
1235	13,13N, 14,14N	28	900422494		TUBING,HEAT SHRINKABLE 1/4 IN ID. X 1 IN LG.BK #RT876 RAYCHEM CORP.				11

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

ED5D506-15

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1250	7A,8A, 7AN,8AN	32	406918912		RECEPTACLE #41774 AMP INC.				10
1255	11A,12A, 11AN, 12AN	20	406918912		RECEPTACLE #41774 AMP INC.				10
1260	13A,14A, 13AN, 14AN	40	406918912		RECEPTACLE #41774 AMP INC.				
***** END OF STOCKLIST *****									

SEE PROPRIETARY NOTICE ON SHEET ONE

XT13

5ESS SWITCHING EQUIPMENT
CABLE ASSEMBLY
FOR
MESSAGE SWITCH POWER
AND ALARM
CABLES IN CABINET

DWG SIZE
C2

ISSUE
13

LUCENT TECHNOLOGIES INC

ED5D506-15

SHEET D2
OF 20

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