

TABLE A-FEATURES											
EQUIPMENT		RAT- ING	LIST OR GROUP	EQUIPMENT OR CIRCUIT DATA					SD EQUIVALENT		
DESCRIPTION	REF NOTE			QTY	EQUIPMENT OR CIRCUIT	L/G OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY.			1								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY. FE:ED5D681-15,G4 DA EFF:08/27/93		DA	2								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY.			3								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY (WHEN ORDERING GROUP 6, SEE NOTE 51).			4 THRU 6								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY REQUIRED FOR DLTU-R LOCATED IN POS 19 WHEN FH-2 FAN IS LOCATED IN POS 11 (SEE NOTE 51).			6A								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY			8								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY.		DA	10								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY.		DA	11								
WIRING AND APPARATUS FOR A CONNECTORIZED CABLE ASSEMBLY			12								
END OF TABLE-A											

ENGINEERING NOTES

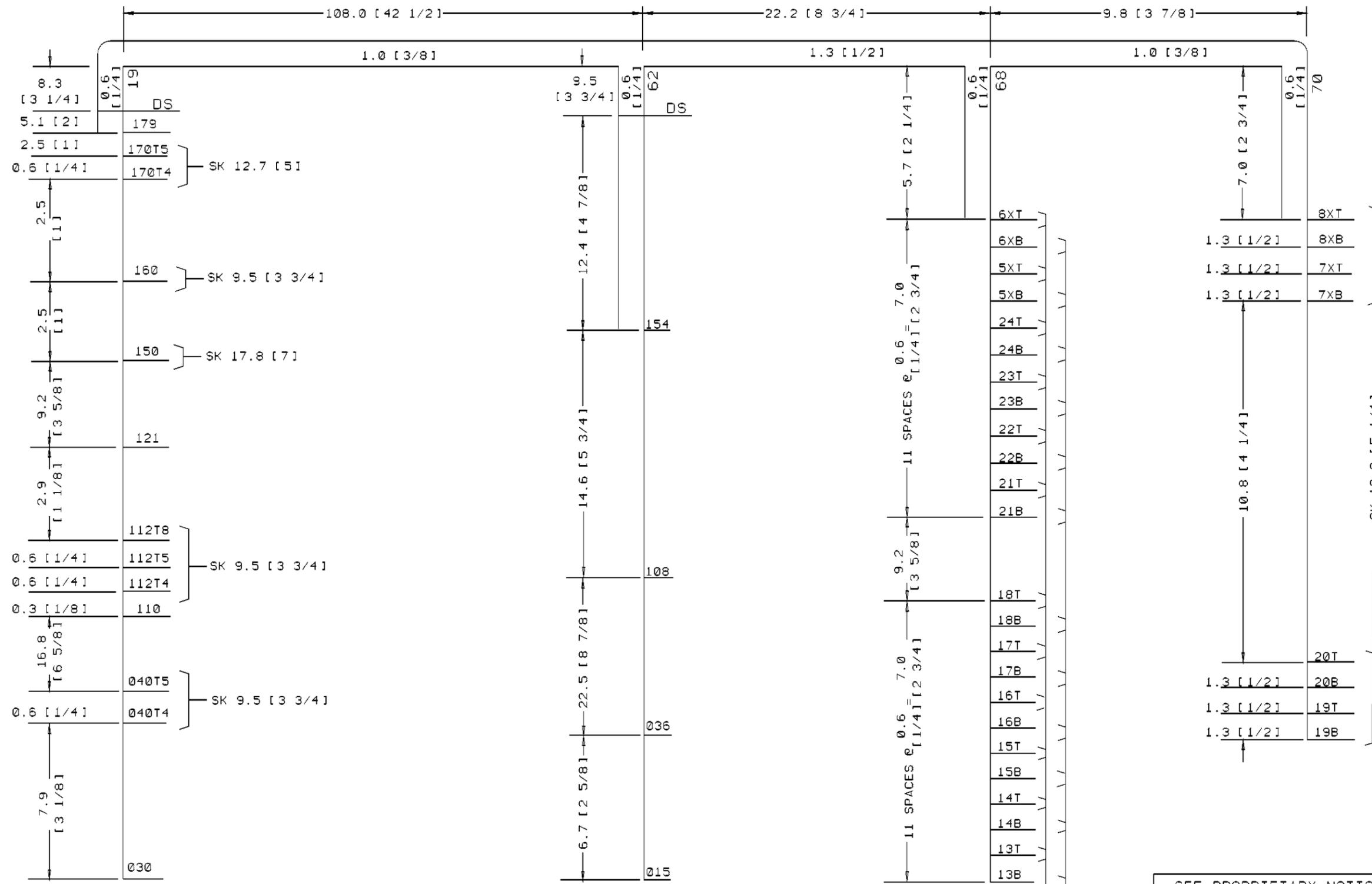
51. GROUP 6 PROVIDES POWER CABLING FOR DLTU-R IN POS 19 AND BE FAN IN POS 11. WHEN FH-2 FAN IS USED IN POS 11, ORDER GROUP 6A TO PROVIDE POWER TO THE DLTU-R IN POS 19 (GROUP 6A DOES NOT PROVIDE FAN POWER CABLING) AND ED5D693-15 GROUP 14A TO PROVIDE POWER TO THE FH-2 FAN IN POS 11.

ISSUE NOTES				
ORIG ISS: 03/05/86		CHANGE CLASS:		
DRAFT: DSL	ENGR: RW	SUPV:	CERTIFIED: 03/05/86	ISSUE: 1
SHT B1 ARM 19 STITCHES 150 & 160 SKINNER ADDED. STITCH 112T8,179 & 121 ADDED. SHT. B2 STITCH 6236 CHG TO 6239 S.L. ITEMS 1050 & 1060 QTY PER GROUP CHG'D. NOTE 6 CHG'D AND NOTE 8 ADDED.				
ORIG ISS: 03/05/86		CHANGE CLASS: B		
DRAFT: DSL	ENGR: RW	SUPV:	CERTIFIED: 05/29/86	ISSUE: 2
GROUPS 10 AND 11 ADDED.				
ORIG ISS: 03/05/86		CHANGE CLASS: B		
DRAFT: REW	ENGR: JJK	SUPV:	CERTIFIED: 08/19/87	ISSUE: 3
GROUPS 10 AND 11 RATING CHANGED TO "DA",GROUP 12 ADDED.				
ORIG ISS: 03/05/86		CHANGE CLASS: A		
DRAFT: REW	ENGR: REW	SUPV:	CERTIFIED: 01/26/88	ISSUE: 4
GROUP 2 RATED D.A. AND DIRECTLY REPLACED BY GRP 4.				
ORIG ISS: 03/05/86		CHANGE CLASS: M		
DRAFT: TFL	ENGR: TFL	SUPV:	CERTIFIED: 09/13/90	ISSUE: 5
IN S/L ITEM # 1020,1030,1050,1070 LUGS CHGD TO PHOS/BRONZE; ITEM 1195 CC READ 103125332 (982AA). (CHANGES DONE IN THIS ISSUE ARE IN POCUS/PDD ONLY-GRAPHIC SHEETS WILL BE UPDATED AT THE NEXT ISSUE).				
ORIG ISS: 03/05/86		CHANGE CLASS: ME		
DRAFT: HZP	ENGR: HZP	SUPV:	CERTIFIED: 07/07/93	ISSUE: 6
GROUPS 5,6 & 8 ADDED FOR MFFU (J5D003FJ-1).				
ORIG ISS: 03/05/86		CHANGE CLASS: B		
DRAFT: TFL	ENGR: TFL	SUPV:	CERTIFIED: 08/27/93	ISSUE: 7
METRICS ADDED TO GRAPHICS SHEETS AND MPG NOTES. A DIM ADDED FOR WIRE/CABLE IN S/L. P.I. 7.1 INCORP.				
ORIG ISS: 03/05/86		CHANGE CLASS: ME		
DRAFT: ESK	ENGR: ESK	SUPV:	CERTIFIED: 12/07/94	ISSUE: 8
NDD5D618NW-1 H7673 IN TABLE A, ADDED NEW GROUP 6A TO PROVIDE POWER CABLING FOR DLTU-R LOCATED IN POS 19 WHEN FH-2 FAN IS LOCATED IN POS 11; IN STOCKLIST, ADDED ITEMS 1420-1460 INCLUSIVE; IN GRAPHICS, SHEET B5, GROUP 6A ADDED.				
ORIG ISS: 03/05/86		CHANGE CLASS: ME		
DRAFT: DLP	ENGR: DLP	SUPV:	CERTIFIED: 11/13/96	ISSUE: 9

SHEET INDEX										
SHT NBR	A1 THRU A1					ISSUE 9				
ISSUE										
SHT NBR	D1 THRU D2					ISSUE 9				
ISSUE										
SHT NBR	B1	B2	B3	B4	B5					
ISSUE	8	8	8	8	9					
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										
SHT NBR										
ISSUE										

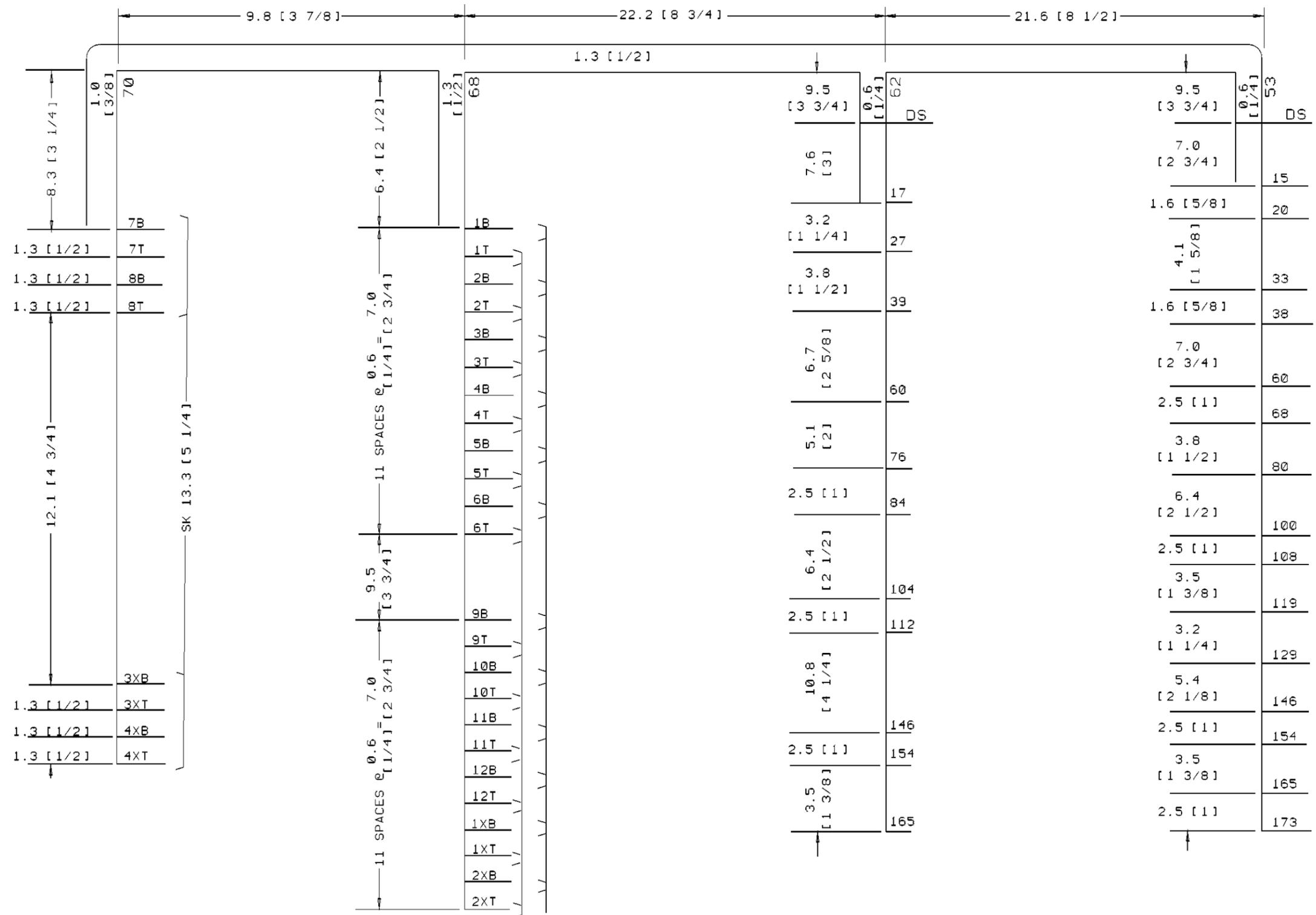
AT&T - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS	
RT13	
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR POWER CABLE ASSEMBLY FOR RISLU-FRAME	
DWG SIZE C2	ISSUE 9
AT&T	ED5D618-15
SHEET A1 OF 8	

ED5D618-15



GROUP 1, 3

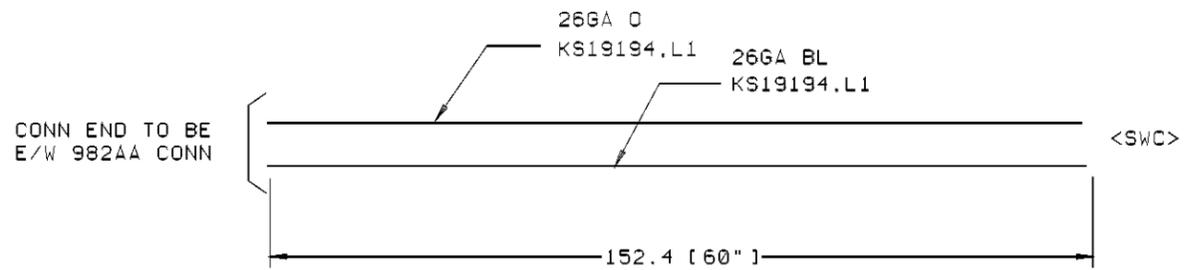
SEE PROPRIETARY NOTICE ON SHEET ONE		
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	8
AT&T	ED50618-15	SHEET B1



ED50618-15

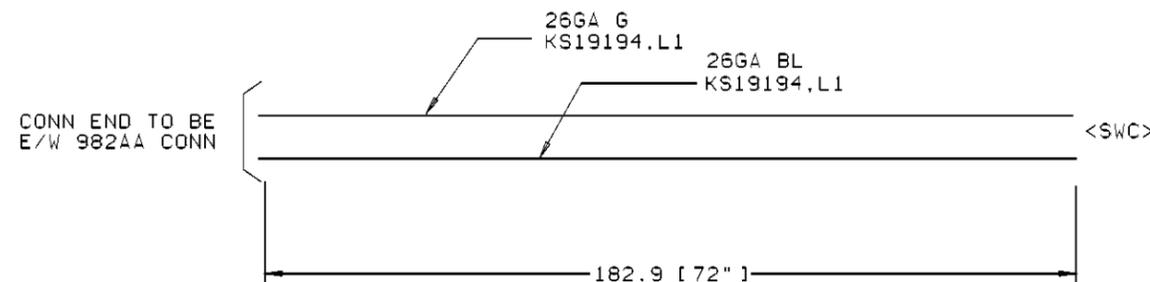
GROUP 2. 4

SEE PROPRIETARY NOTICE ON SHEET ONE		
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	8
AT&T	ED50618-15	SHEET B2



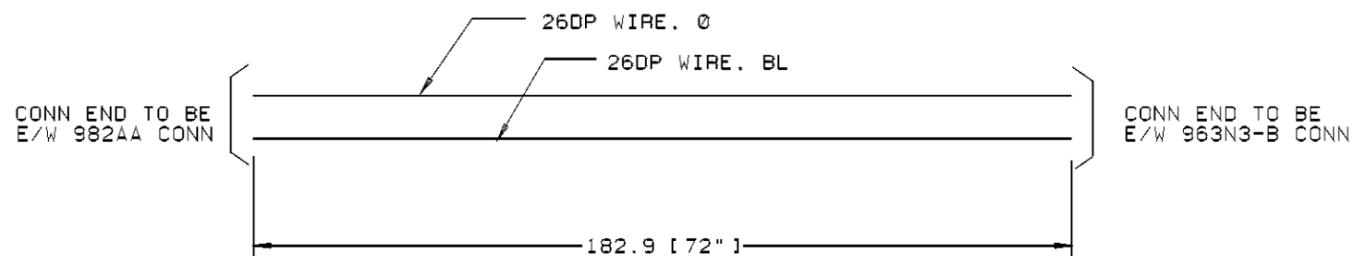
EXCLUDING SHINER LENGTH

GROUP 10
(D.A.)



EXCLUDING SHINER LENGTH

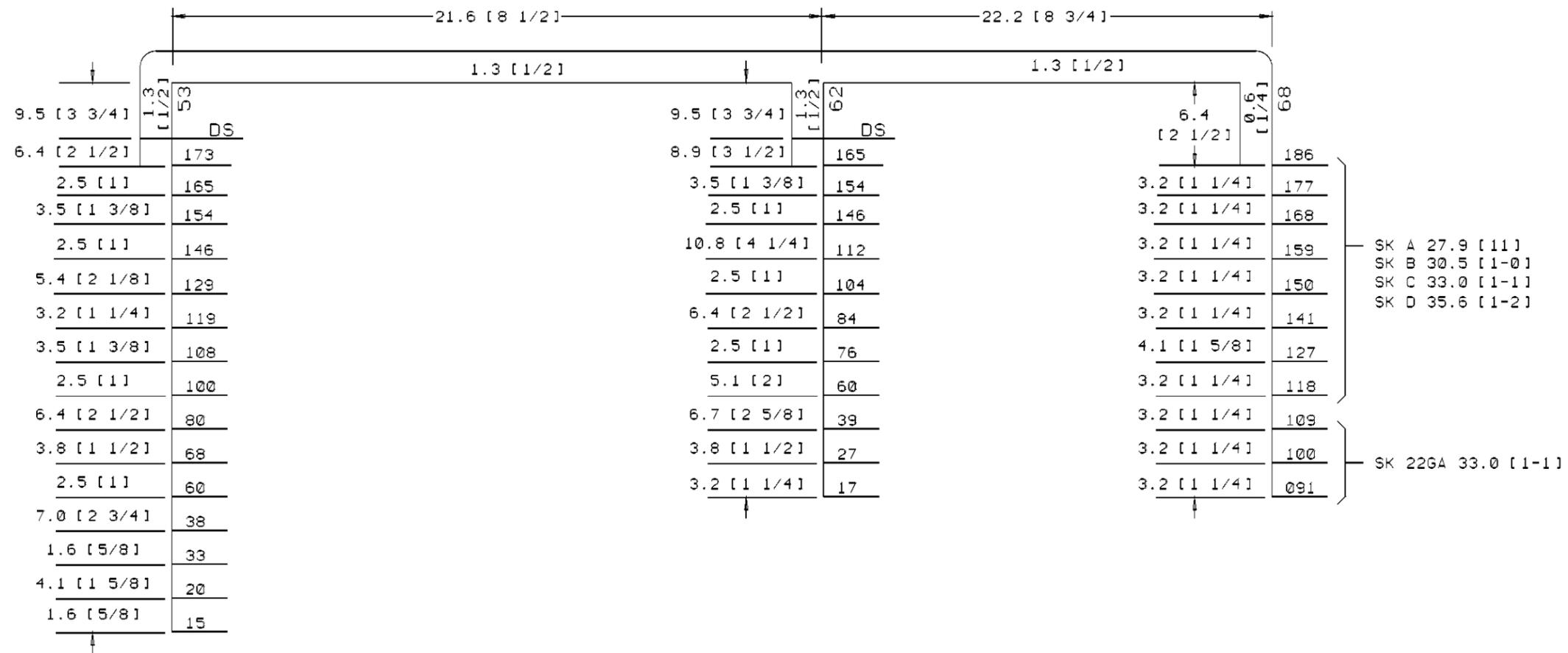
GROUP 12



EXCLUDING SHINER LENGTH

GROUP 11
(D.A.)

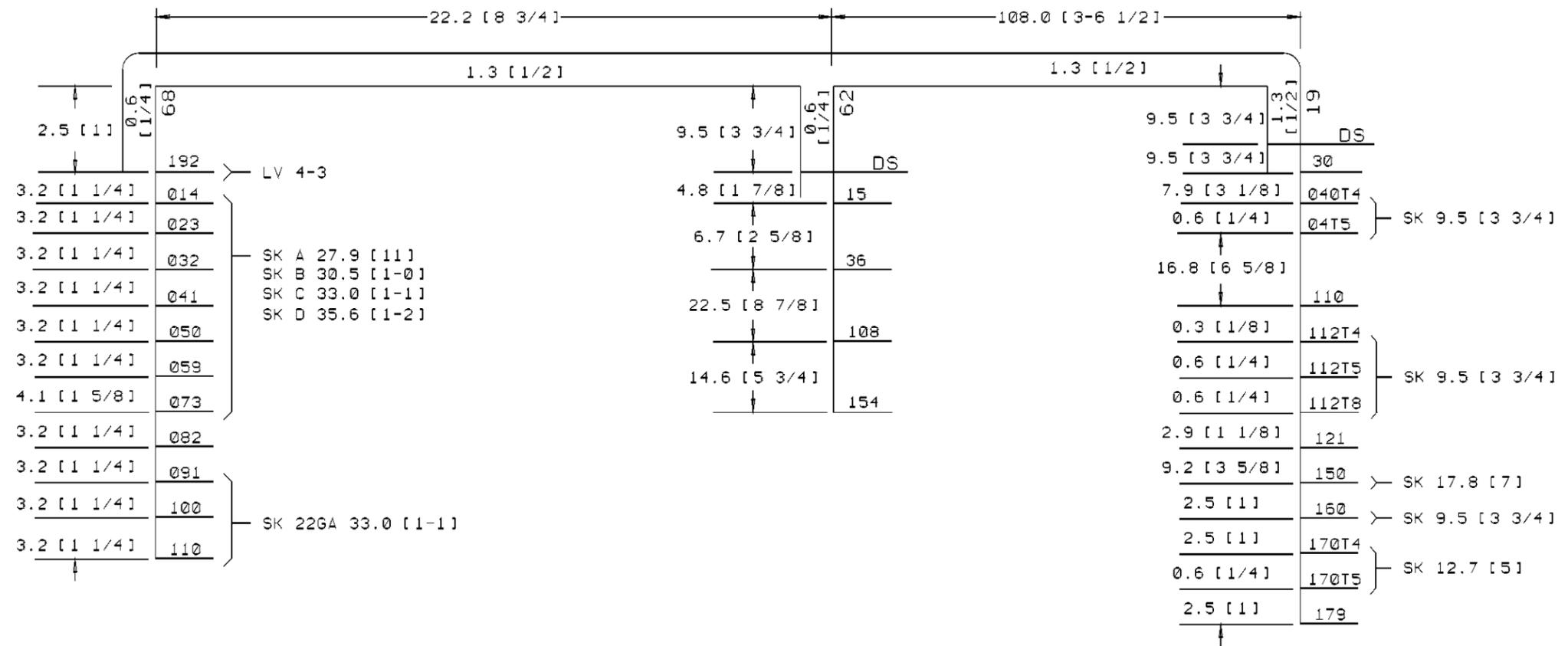
SEE PROPRIETARY NOTICE ON SHEET ONE		
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	8
AT&T	ED5D618-15	SHEET B3



GROUP 5

ED50618-15

SEE PROPRIETARY NOTICE ON SHEET ONE		
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	8
AT&T	ED50618-15	SHEET B4



GROUP 6, 6A, 8

SEE PROPRIETARY NOTICE ON SHEET ONE		
CONNECTORIZED SWITCHBOARD CABLE ASSEMBLIES	DWG SIZE	ISSUE
	C2	9
AT&T	ED50618-15	SHEET B5

ED50618-15

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1020	1	24	406918912		RECEPTACLE #41774 AMP INC.			5
1030	1,6	8	406919100		RECEPTACLE #42452-5 AMP INC.			6
1040	1	8	900422494		TUBING, HEAT SHRINKABLE #RT876 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP. /OR EQUIV.			7
1050	2,4	104	406918912		RECEPTACLE #41774 AMP INC.			5
1060	2,4,5	52	900422494		TUBING, HEAT SHRINKABLE #RT876 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP. /OR EQUIV.			7
1070	3	16	406918912		RECEPTACLE #41774 AMP INC.			5
1080	3	8	900422494		TUBING, HEAT SHRINKABLE #RT876 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP. /OR EQUIV.			7
1090	10	1	103125332	982AA	CONNECTOR, BACKPLANE			
1100	10	1	996412615	KS19194L1	WIRE, TEFLON COPPER 26GA STRANDED BL A DIMENSION = 6 FEET 0 INCH			
1110	10	1	996412557	KS19194L1	WIRE, TEFLON COPPER 26GA STRANDED O A DIMENSION = 6 FEET 0 INCH			
1120	11	1	845381185		CONNECTOR, HALF TAN FOR 963N3-6 (2 X 3)			
1130	11	1	845381177		CONNECTOR, HALF BLACK FOR 963N3-6 (2 X 3)			
1140	11	1	843939703		SPACER FOR 963N-6 OR 963N3-6 (2 X 3)			
1150	11	1	845381169		CONNECTOR, HALF TAN FOR 963N3-8 (2 X 4)			
1160	11	1	845381151		CONNECTOR, HALF BLACK FOR 963N3-8 (2 X 4)			
1170	11	1	843939711		SPACER FOR 963N-8 OR 963N3-8 (2 X 4)			
1180	11	1	843743105		WIRE 26GA DP 3 BL A DIMENSION = 7 FEET 0 INCH			
1190	11	1	843743113		WIRE 26GA DP 3 O A DIMENSION = 7 FEET 0 INCH			
1195	12	1	106197775	982SS	CONNECTOR, ELECTRICAL, ADAPTER 6 CONTACTS, FEMALE, RECTANGULAR			
1200	12	1	996412615	KS19194L1	WIRE, TEFLON COPPER 26GA STRANDED BL A DIMENSION = 6 FEET 0 INCH			
1205	12	1	996412599	KS19194L1	WIRE, TEFLON COPPER 26GA STRANDED G A DIMENSION = 6 FEET 0 INCH			
1206	1	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 72 FEET 0 INCH			
1207	2	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 130 FEET 0 INCH			
1208	3	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 20 FEET 0 INCH			

STOCKLIST CONTINUED ON SHEET D2

ED5D618-15

SHO P
I N S T

MANUFACTURING NOTES

- UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN METRICS (CM). EQUIVALENT INCH DIMENSIONS ARE ENCLOSED IN BRACKETS.
- DIMENSIONS 12 INCHES AND OVER ARE EXPRESSED IN FEET AND INCHES. ALL OTHER DIMENSIONS ARE IN INCHES.
- UNLESS OTHERWISE INDICATED SHINNER LENGTH TO BE 7.6 CM [3 IN].
- ALL 16 GAUGE WIRES, (FOR BOTH EVEN AND ODD GROUPS) SHALL HAVE A 0.6 CM [1/4 IN] SHINNER AND A LUG CRIMPED ON.
- LUG 406918912 IS TO BE EQUIPPED WITH H.S. TUBING 900422494. TUBING MUST BE CUT TO LENGTH REQUIRED TO COVER ENTIRE TERMINAL LUG. LUGS IN ARMS 68 AND 70 SHALL NOT HAVE A H.S.
- IN ARM 19, STITCHES 170T4,112T4,112T8,040T4,040T5, SHALL HAVE A AMP. INC. FASTON LUG, TERMINAL #42452-5, DO NOT SOLDER, NO HEAT SHRINK REQ'D.
- SLEEVEING APPLIED PER ED-4C250-10, SHEET 13 UNLESS OTHERWISE SPECIFIED.
- ALL EVEN CABLE GROUPS SHOULD BE FORMED TOGETHER AS ONE CABLE. ALL ODD CABLE GROUPS SHOULD BE FORMED TOGETHER AS ONE CABLE.
- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS WILL HOLD A LENGTH TOLERANCE AS FOLLOWS:

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%
ROUNDED UP TO 1 CM OR 0.5".			
- 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.
- AA, AB, BA, BB ETC., ARE TERMINAL REFERENCE ONLY. DO NOT STAMP THESE ON BACKPLANE CONNECTORS.
- 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.
- () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.
- EQL (EQUIPMENT LOCATION) SHOWN IN THE STAMPING TABLE IS IDENTIFIED AS FOLLOWS:

(VERT)	(HOR)	(TERM)
119	042	300
- REFER TO LOCAL MANUFACTURING DOCUMENTATION FOR SPECIFICS.

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13

SESS SWITCHING EQUIPMENT SPECIFICATION FOR POWER CABLE ASSEMBLY FOR RISLU-FRAME

DWG SIZE C2 ISSUE 9

AT&T

ED5D618-15

SHEET D1 OF 8

STOCKLIST

ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1209	4	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 130 FEET 0 INCH			
1300	5	52	406918912		RECEPTACLE #41774 AMP INC.			
1310	5	52	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.			
1320	5	26	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.			
1330	6	8	406918912		RECEPTACLE #41774 AMP INC.			
1340	6	8	900422494		TUBING, HEAT SHRINKABLE #RFS76 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP.			
1350	6	16	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.			
1360	6	8	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.			
1370	8	8	406918912		RECEPTACLE #41774 AMP INC.			
1380	8	8	900422494		TUBING, HEAT SHRINKABLE #RFS76 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP.			
1390	8	8	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.			
1400	8	4	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.			
1420	6A	8	406918912		RECEPTACLE #41774 AMP INC.			
1430	6A	8	900422494		TUBING, HEAT SHRINKABLE #RFS76 1/4 IN ID. X 1 IN LG.BK RAYCHEM CORP.			
1440	6A	8	406919126		RECEPTACLE, FAST-ON #154718-4 AMP INC.			
1450	6A	4	406601062		RECEPTACLE, PARALLEL HOUSING #100100-1 2 CONTACTS, FEMALE, NYLON 6.6 AMP INC.			
1460	6A	1	996340956	KS13385L1	WIRE, GROUND 16 GA, STRANDED, R-R/BK A DIMENSION = 40 FEET 0 INCH			

***** END OF STOCKLIST *****

SEE PROPRIETARY NOTICE ON SHEET ONE

RT13
5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
POWER CABLE
ASSEMBLY
FOR
RISLU-FRAME

DWG SIZE C2
ISSUE 9

ED5D618-15

AT&T

ED5D618-15

SHEET D2 OF 8

PRINTED IN U.S.A.