

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	
FRAMEWORK, ASSEMBLY, WIRING AND EQUIPMENT FOR ONE MISCELLANEOUS FRAME EQUIPPED WITH FILTER UNIT AND FUSE PANEL.		DA	1	1	J5D003AM-1	1						
				1	J1A053AA-1	45						
				1	T*5D110-11	1			SD5D110-01	1		
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE ONE DC TO AC INVERTER (SEE NOTE 54).		DA	2		T*5D110-11	2			SD5D110-01	2		
EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE FUSES FOR SECOND RESISTOR PANEL (J5D005AA-1). MAX ONE LIST 3 PER FRAME. (SEE NOTE 56).		DA	3	1	T*5D110-11	3			SD5D110-01	3		
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE DIAL TONE DELAY ALARM AND DISTRIBUTE POINT APPLIQUE UNITS.		DA	4	1	J5D005AB-1	1						
				1	J1A042BP-1	1, 2, A						
				1	J3H001EF-1	1						
				1	T*5D110-11	4	W, Y		SD5D110-01	4	W, Y	
ASSEMBLY, WIRING AND EQUIPMENT REQUIRED IN ADDITION TO LIST 1 TO PROVIDE ONE ALARM UNIT. (ONE ALARM UNIT IS REQUIRED PER OFFICE).		DA	5	1	J5D005AD-1	1						

END OF TABLE-A

ENGINEERING NOTES

51. INFORMATION FURNISHED PER THIS DRAWING IS IN ACCORDANCE WITH AT&T PRACTICES NONE.

52. THIS DOCUMENT CONTAINS COMPLETE ENGINEERING INFORMATION FOR THE SUBJECT EQUIPMENT. JOB INFORMATION SHALL BE RECORDED BY LIST OR GROUP.

53. LINE ENGINEER TO ORDER APPLIANCE OUTLET AND FRAME BASE COVERS PER ED-1A157-72.

54. THE 402727317 INVERTER IS REQUIRED TO PROVIDE EMERGENCY 120V AC SUPPLY IN OFFICES NOT EQUIPPED WITH EMERGENCY AC POWER PLANT. THE EMERGENCY AC IS REQUIRED FOR DATA SET CABINET OR FRAME AND TELETYPEWRITER EQUIPMENT, LOCATED AT THE MCC.

55. SEE ED-5D094-() FOR AC POWER DISTRIBUTION.

56. THE FIRST RESISTOR PANEL (J5D005AA-1) IS LOCATED AT FRAME EGL 076. THE SECOND RESISTOR PANEL IS LOCATED AT FRAME EGL 080 AND REQUIRES J5D005A-1 LIST 3.

57. FUSE POSITION 1T SUPPLYING-48 VOLT FILTERED POWER TO THE 13A ANNOUNCEMENT SYSTEM UNIT MUST BE ISOLATED FROM OTHER FUSES, THEREFORE FUSE POSITIONS 1B, 2T, 2B, 3T, 3B, 4T, 4B, 5T, 5B, 6T & 6B CANNOT BE EQUIPPED.

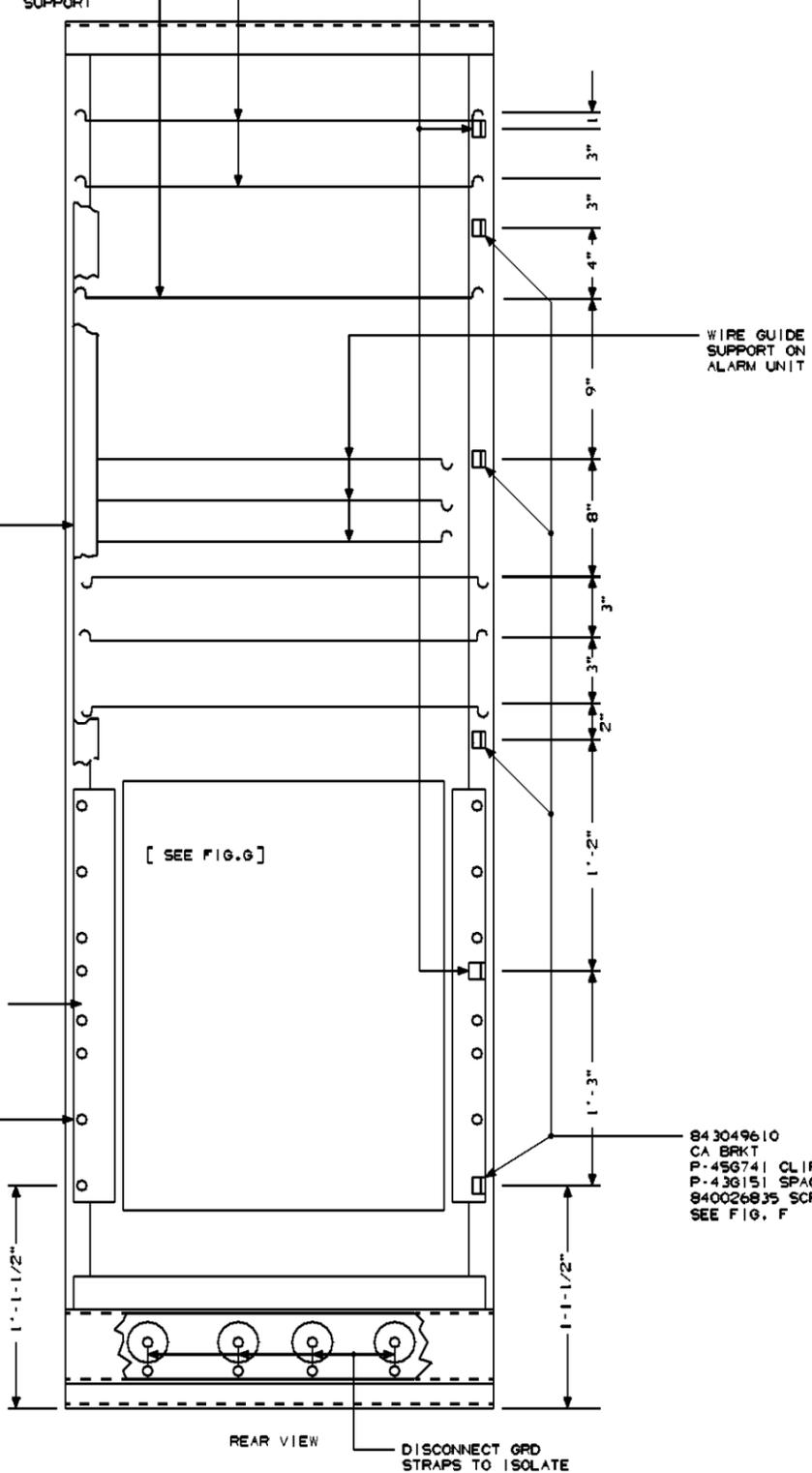
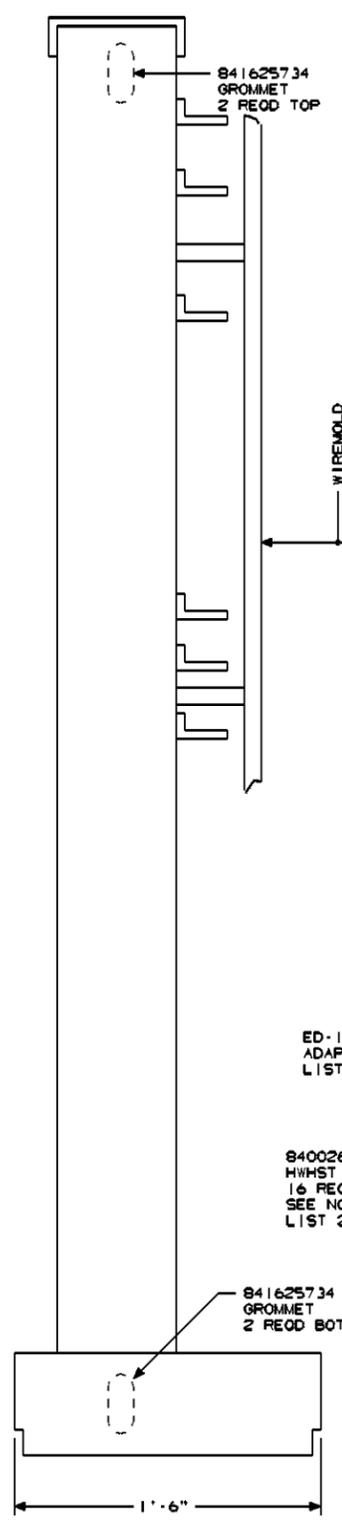
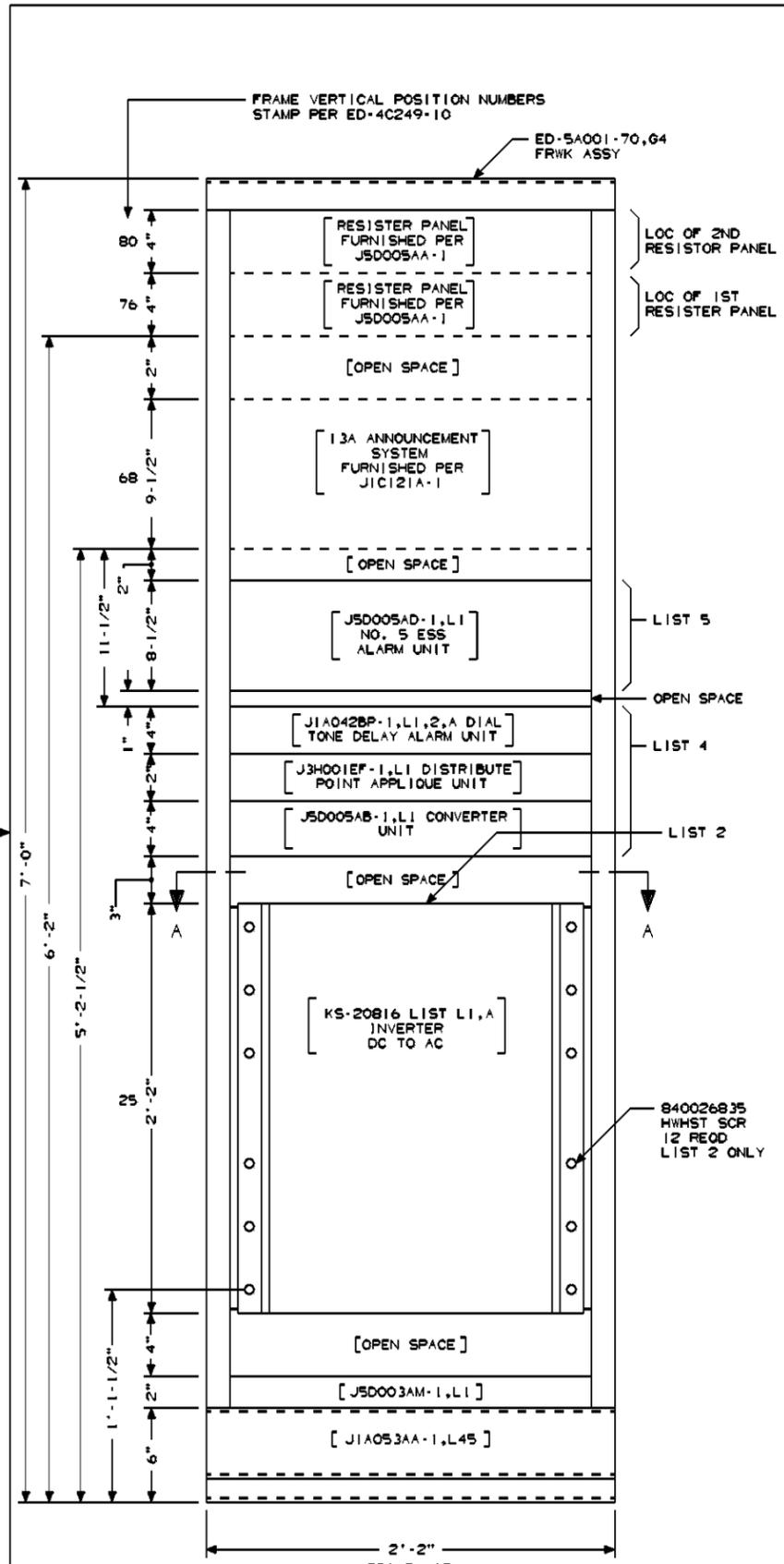
58. FOR SENECA ILLINOIS OFFICE SEE MFG NOTE 25.

ISSUE NOTES				
SL ITEMS 1100, 1200, 1260, 1300, 1540 & 1620 LINED OUT. ITEMS 1101, 1205, 1261, 1301, 1543, 1621 & 1670; NOTE 27 ADDED. CN6743IH				
ORIG ISS: 02/17/81		CHANGE CLASS: A		
DRAFT: DJP	ENGR: EDH	SUPV:	VAULT: 11/09/84	ISSUE: 8
* 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. *				
LIST OF ASSOCIATED DRAWING TABLE CORRECTED. NOTES 13, 18 & 27 REMOVED. NOTES 54, 19, 21, 23, 24 & 25 CHANGED.				
ORIG ISS: 02/17/81		CHANGE CLASS: D		
DRAFT: DJP	ENGR: PEW	SUPV:	CERTIFIED: 02/05/86	ISSUE: 9
LISTS WERE RATED STANDARD - 1, 2, 3, 4, 5.				
ORIG ISS: 02/17/81		CHANGE CLASS: M		
DRAFT: GLF	ENGR: GLF	SUPV:	CERTIFIED: 11/09/90	ISSUE: 10

SHEET INDEX									
SHT NBR	A1 THRU A1		ISSUE 10						
SHT NBR	D1 THRU D2		ISSUE 10						
SHT NBR	B1								
ISSUE	7								
SHT NBR	C1	C2	C3						
ISSUE	7	7	4						
SHT NBR									
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J5D005A-1

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REPLACED BY J5D005B-1		
BT13		
5ESS SWITCHING EQUIPMENT SPECIFICATION FOR MISCELLANEOUS FRAME		
DWG SIZE	ISSUE	
C2	10	
AT&T	J5D005A-1	SHEET A1 OF 7

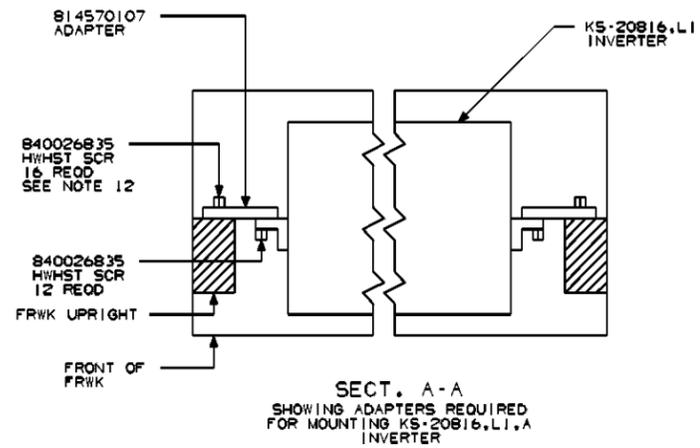


CONVERSION TABLE	
INCH	MM
1/2"	12.7
1"	25.4
2"	50.8
2-1/2"	63.5
2-5/8"	66.68
3"	76.2
4"	101.6
6"	152.4
7-1/2"	190.5
8"	203.2
8-1/2"	215.9
9-1/2"	241.3
10	254
11-1/2"	292.1
1'-1-1/2"	342.9
1'-2"	355.6
1'-3"	381
1'-6"	457.2
1'-10-3/8"	568.3
2'-2"	660.4
2'-2-1/4"	666.7
3'-7/8"	936.6
5'-2-1/2"	1587.5
6'-2"	1879.6
7'	2133.6

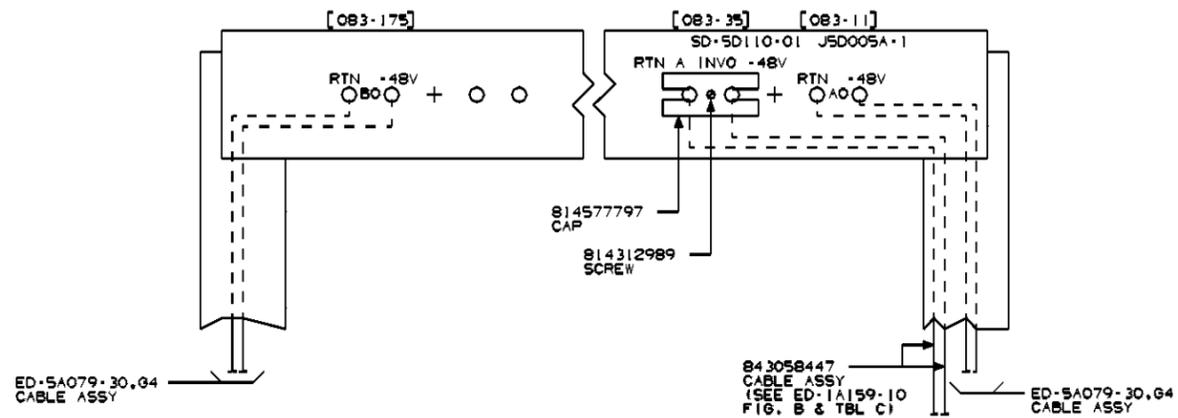
SEE PROPRIETARY NOTICE ON SHEET ONE

SHEET INDEX	ISSUE								
	SH NO.								
	ISSUE	7							
	SH NO.	B1							

MISCELLANEOUS FRAME		DWG SIZE	ISSUE
		c2	7
AT&T TECHNOLOGIES, INC. J5D005A-1		SHEET	B1



SECT. A-A
SHOWING ADAPTERS REQUIRED
FOR MOUNTING KS-20816.L1.A
INVERTER



REAR VIEW
FIG. C
LOCATION OF POWER FEEDERS
AND TOP CHANNEL STAMPING

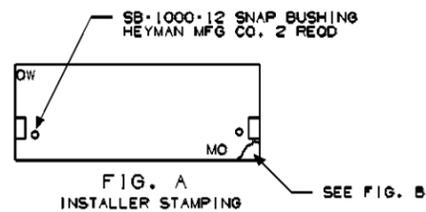


FIG. A
INSTALLER STAMPING

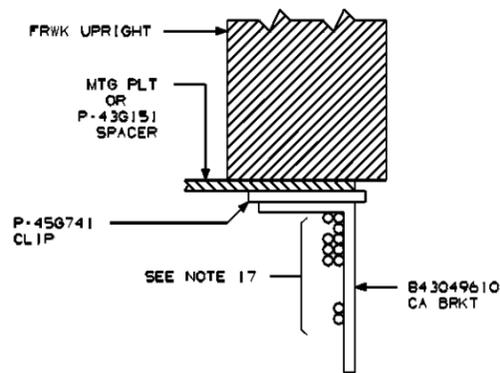


FIG. F



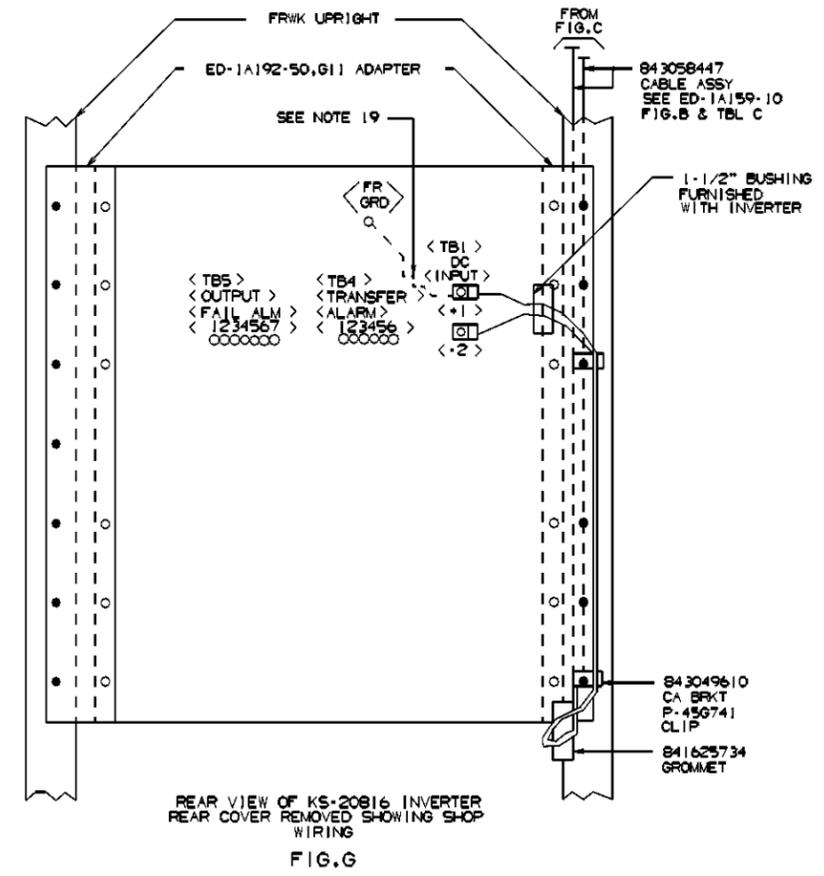
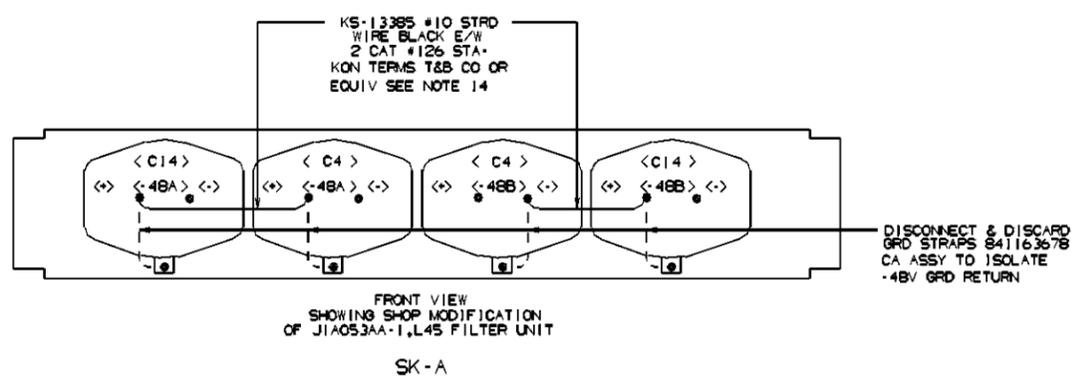
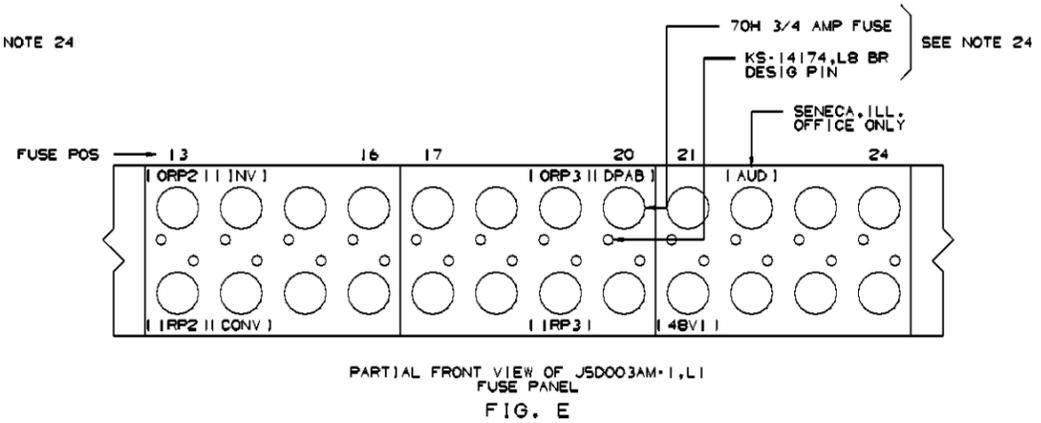
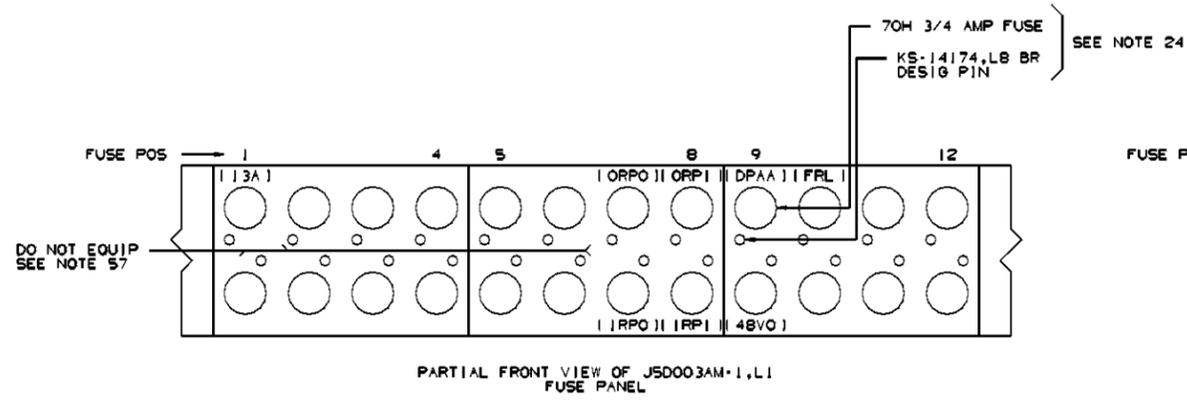
FIG. B
SHOP STAMPING

SEE PROPRIETARY NOTICE ON SHEET ONE

J5D005A-1

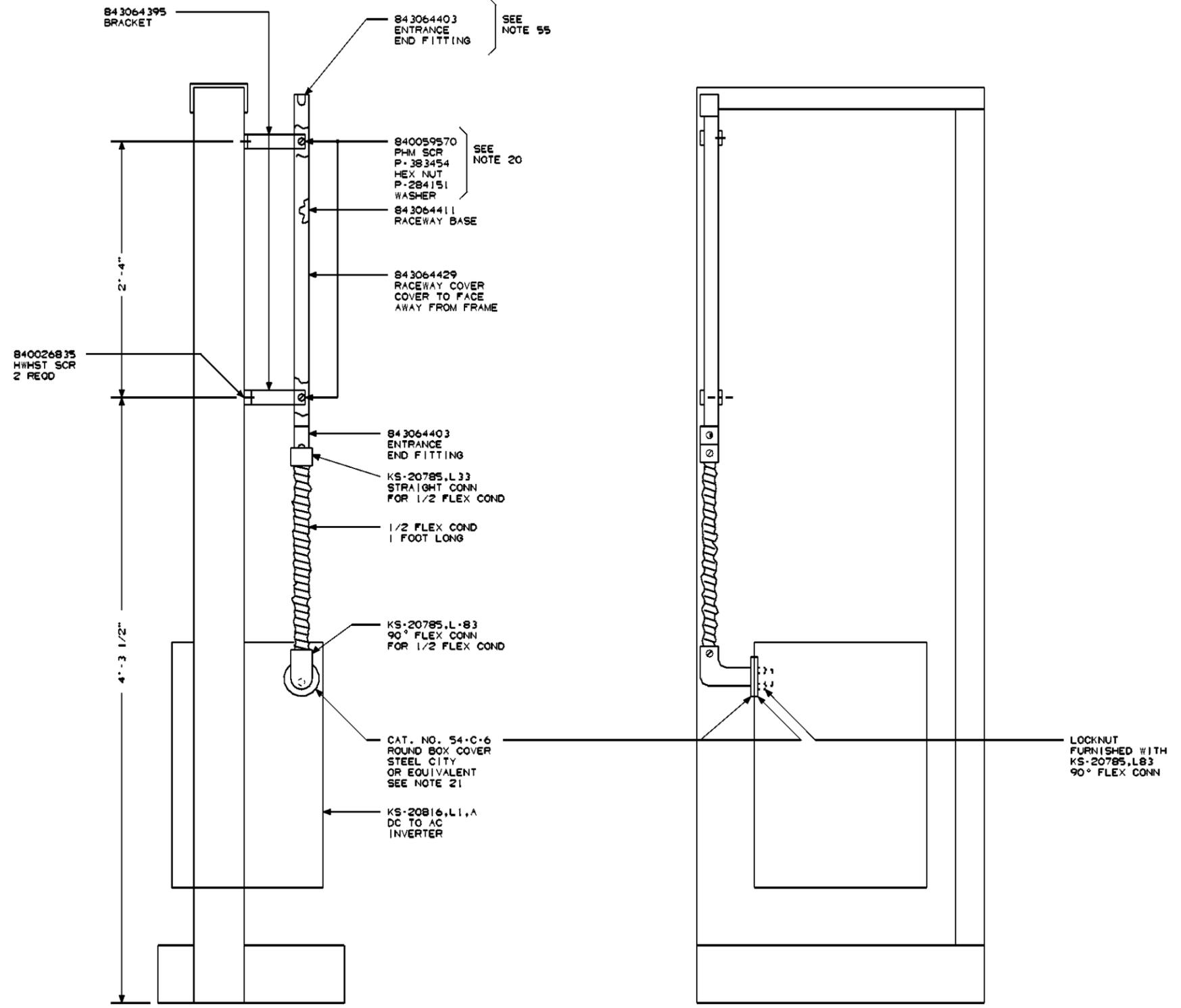
SHEET INDEX	ISSUE																		
	SH NO.																		
	ISSUE																		
	SH NO.																		
	ISSUE	7	7	4															
SH NO.	C1	C2	C3																

MISCELLANEOUS FRAME		DWG SIZE C2	ISSUE 7
AT&T TECHNOLOGIES, INC. J5D005A-1		SHEET C1	



J5D005A-1

SEE PROPRIETARY NOTICE ON SHEET ONE		
MISCELLANEOUS FRAME	DWG SIZE	ISSUE
	C2	7
AT&T TECHNOLOGIES, INC. J5D005A-1	PRINTED IN U.S.A.	SHEET C2



LOCATION OF WIREMOLD FOR AC LEADS
FROM KS-20816 DC TO AC INVERTER LIST 2 ONLY

FIG. H

SEE PROPRIETARY NOTICE ON SHEET ONE		
MISCELLANEOUS FRAME	DWG SIZE	ISSUE
	C2	4
AT&T TECHNOLOGIES, INC. J5D005A-1	SHEET	C3

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1000	1	1	ED5A001-70, G4		ASSEMBLY, FRAMEWORK			
1010	1	1	J5D003AM-1, L1		PANEL, FUSE			
1020	1	1	J1A053AA-1, L45		UNIT, FILTER PANEL			
1030	1	2	ED5A079-30, G4		FEEDERS, POWER DISTRIBUTION			
1040	1	4	841625734		GROMMET			
1050	1	2	997244553		BUSHING, SNAP #2140 BLACK HEYMAN MFG CO OR EQUIVALENT			
1060	1	5	840026835		SCREW, HEXAGON WASHER HEAD .216-24 X 5/8 IN. 289A FINISH			
1070	1	20	402695522		LUG, TERMINAL #126 STA-KON THOMAS & BETTS CO. OR EQUIVALENT			16
1071	1	1	843060708		STRIP, DESIGNATION			
1072	1	1	ED5D088-10, G22		LABEL, FUSE			
1080	1	5	100203348	70C	FUSE 3 AMP FUSE POS 1T, 7T, 8T, 13T, FUSE POS 19T			
1090	1	5	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE FUSE POS 1T, 7T, 8T, 13T, FUSE POS 19T			
1100	1	43	100203421	72A	FUSE, DUMMY FUSE POS 1B, 2B, 2T, 3T, 3B, FUSE POS 4T, 4B, 5T, 5B, 6T, FUSE POS 6B, 7B, 8B, 9T, 9B, FUSE POS 10T, 10B, 11T, 11B, FUSE POS 12T, 12B, 13B, 14T, FUSE POS 14B, 15T, 15B, 16T, FUSE POS 16B, 17T, 17B, 18T, FUSE POS 18B, 19B, 20T, 20B, FUSE POS 21T, 21B, 22T, 22B, FUSE POS 23T, 23B, 24T, 24B			
1101	1	43	103757977	72B	FUSE, DUMMY FUSE POS 1B, 2B, 2T, 3T, 3B, FUSE POS 4T, 4B, 5T, 5B, 6T, FUSE POS 6B, 7B, 8B, 9T, 9B, FUSE POS 10T, 10B, 11T, 11B, FUSE POS 12T, 12B, 13B, 14T, FUSE POS 14B, 15T, 15B, 16T, FUSE POS 16B, 17T, 17B, 18T, FUSE POS 18B, 19B, 20T, 20B, FUSE POS 21T, 21B, 22T, 22B, FUSE POS 23T, 23B, 24T, 24B			
1110	2	1	402727317	KS20816L1A	INVERTER DC TO AC			
1120	2	1	814570107	P45G010	ADAPTER			
1130	2	24	840026835		SCREW, HEXAGON WASHER HEAD .216-24 X 5/8 IN. 289A FINISH			
1150	1	6	814577417	P45G741	CLIP			
1160	1	6	843049610		BRACKET, CABLE			
1170	1	3	814371514	P43G151	SPACER			
1180	1	2	997758891		LUG, TERMINAL #A333 THOMAS & BETTS CO. OR EQUIVALENT			
1190	1	18	900527615		SLEEVE #C2216W HOFFMAN CO. OR EQUIVALENT			
1200	1	16	402671481		LUG, TERMINAL #60365-2 AMP INC. OR EQUIVALENT			

STOCKLIST CONTINUED ON SHEET D2

SHOP
IN
ST

MANUFACTURING NOTES

1. X PARTS REQUIRED FOR INSTALLATION.
- X/ PARTS REQUIRED FOR MANUFACTURE WHEN EQUIPMENT IS SHOP MOUNTED OR BY THE INSTALLER WHEN THE EQUIPMENT IS TO BE FIELD MOUNTED.
- * PARTS THAT ARE TO BE SHIPPED ATTACHED TO OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM.
- * / PARTS (A) REQUIRED FOR MANUFACTURE WHEN EQUIPMENT INVOLVED IS SHOP MOUNTED OR (B) TO BE SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED ASSEMBLED ITEM WHEN FIELD MOUNTED.
- () INDICATES DESIGNATIONS TO BE STAMPED IN ACCORDANCE WITH JOB INFORMATION.
- { } INDICATES DESIGNATIONS SHOWN FOR INFORMATION ONLY AND ARE NOT TO BE STAMPED.
- < > INDICATES DESIGNATIONS AND/OR INFORMATION PROVIDED IN ACCORDANCE WITH OTHER INFORMATION.
- "W" PARTS ASSEMBLED AT THE SAME TIME THE EQUIPMENT IS MOUNTED.
- "W*" PARTS TO BE (A) SHOP ASSEMBLED, BUT WHICH CANNOT BE ASSEMBLED UNTIL THE ASSOCIATED EQUIPMENT IS BEING MOUNTED, OR (B) SHIPPED ATTACHED TO, OR ENCLOSED IN THE SAME CONTAINER WITH THE ASSOCIATED EQUIPMENT WHEN FIELD MOUNTED.
- "S" PARTS NOT ASSEMBLED, SHIPPED SEPARATELY.
- A/R AS REQUIRED.
- "B" PARTIAL ASSEMBLIES ON OTHER DRAWINGS WITH STOCKLISTS.
12. UNASSIGNED.
13. UNASSIGNED.
- X 14. LENGTH AND ROUTE OF NO. 10 GA WIRE TO BE DETERMINED BY THE SHOP.
15. UNASSIGNED.
- X 16. REQUIRED TO TERMINATE NO. 10 GA WIRE ON FILTER UNIT.
- X 17. THE POWER WIRES FROM THE FUSE PANEL TO THE J1C121A-1 13A ANNOUNCEMENT SYSTEM UNIT SHALL NOT BE BUNDLED IN WITH OR RUN TIGHTLY AGAINST OTHER WIRES OR CABLES ON THE FRAME.
18. UNASSIGNED.
- X X 19. REMOVE GROUND STRAP (FURNISHED WITH 402727317 INVERTER) BETWEEN TB1 TERMINAL +1 AND FRAME GROUND TERMINAL.
- X 20. RACEWAY BASE 843064411 IS FURNISHED WITH RANDOM LOCATED MOUNTING HOLES. IF THESE RANDOM LOCATED MOUNTING HOLES, IN THE RACEWAY BASE, DO NOT ALIGN WITH THE MOUNTING HOLES OF THE ENTRANCE END FITTING 843064403 OR THE BRACKET 843064395 THE SHOP SHALL DRILL TWO .228 PLUS OR MINUS .008 HOLE(S) IN THE RACEWAY BASE LOCATING THE FIRST HOLE 2" IN FROM END OF RACEWAY.
- X 21. REMOVE AND DISCARD THE 2 1/2 INCH BUSHING FURNISHED WITH THE DC TO AC INVERTER.
22. THIS DRAWING CONTAINS BOTH U.S. CUSTOMARY (INCH, ETC) AND SI (METRIC) DIMENSIONS.
- X 23. REMOVE AND DISCARD THE TWO 824272702 MOUNTING BARS, FOUR 840047542 PHST SCREWS AND FOUR 803535012 RHM SCREWS FURNISHED WITH THE J1A042BP-1 DIAL TONE DELAY ALARM UNIT AND MOUNT UNIT WITH (8) 840026835 HNHST SCREWS.
- X 24. LOCATE THE TWO 70B FUSES AND ASSOCIATED 401922117 (BR) DESIGNATION PINS, FURNISHED WITH THE J3H001EF-1 DISTRIBUTE POINT APPLIQUE UNIT, ON THE MISCELLANEOUS FRAME FUSE PANEL AS SHOWN IN FIGURE D (DPAA) AND FIGURE E (DPAB).
- X 25. AN ADDITIONAL 70B FUSE AND 401922067 DESIG PIN WERE PROVIDED AT FUSE POSITION 22T FOR THE SENECA, ILL. OFFICE ONLY.
26. UNASSIGNED.

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MISCELLANEOUS FRAME

DWG SIZE C2 ISSUE 10

J5D005A-1

AT&T

J5D005A-1

SHEET D1 OF 7

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1205	1	16	401808654		LUG, TERMINAL #41274 AMP INC. OR EQUIVALENT FASTON			
1210	1	2	843058462		SUPPORT, WIRE GUIDE			
1220	2	1	841625734		GROMMET			
1230	2	1	814577797	P45G779	CAP			
1240	2	1	814312989	P43A298	SCREW, ROUND HEAD SELF TAPPING .164-32 X 11/16 STEEL 289A FINISH			
1250	2	2	843058447		CABLE, ASSEMBLY			
1260	2	OMIT 4	100203421	72A	FUSE, DUMMY FUSE POS 14T			
1261	2	OMIT 1	103757977	72B	FUSE, DUMMY FUSE POS 14T			
1270	2	1	100203348	70C	FUSE 3 AMP FUSE POS 14T			
1280	2	1	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE FUSE POS 14T			
1290	1	1	843058470		SUPPORT, WIRE GUIDE			
1300	3	OMIT 4	100203421	72A	FUSE, DUMMY FUSE POS 7B, 8B, 13B, 19B			
1301	3	OMIT 4	103757977	72B	FUSE, DUMMY FUSE POS 7B, 8B, FUSE POS 13B, 19B			
1310	3	4	100203348	70C	FUSE 3 AMP FUSE POS 7B, 8B, 13B, 19B			
1320	3	4	401922075	KS14174L3	PIN, DESIGNATION NYLON BLUE FUSE POS 7B, 8B, 13B, 19B			
1370	2	1	900527615		SLEEVE #C2216W HOFFMAN CO. OR EQUIVALENT			
1380	2	1	402283352		LUG, TERMINAL #A222 THOMAS & BETTS CO. OR EQUIVALENT			
1390	2	2	843064395		BRACKET			
1400	2	2	843064403		FITTING, END ENTRANCE			
1410	2	1	843064411		BASE, RACEWAY			
1420	2	1	843064429		COVER, RACEWAY			
1430	2	1	401012463	KS20785L33	CONNECTOR, STRAIGHT			
1440	2	1	401012604	KS20785L83	CONNECTOR, 90 DEGREE			
1450	2	1	402364947		CONDUIT FLEX 1/2 IN X 12 IN ELECTRIC SUPPLY CO OR EQUIVALENT			
1460	2	2	402771786		COVER #54C6 FOR ROUND BOX STEEL CITY PRODUCTS CO. OR EQUIVALENT			
1470	2	2	840026835		SCREW, HEXAGON WASHER HEAD .216-24 X 5/8 IN. 289A FINISH			
1480	2	2	840059570		SCREW, PAN HEAD MACHINE .190-24 X 3/8 STEEL 289A FINISH			
1490	2	2	803834548	P383454	NUT, HEXAGON .190-24 STEEL 289A FINISH			
1500	2	2	802841510	P284151	WASHER, PLAIN .190			
1510	4	1	J5D005AB-1, L1		UNIT, CONVERTER			

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

J5D005A-1

STOCKLIST								
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE	
							SYM	NBR
1520	4	1	J1A042BP-1, L1, L2, LA		UNIT, DIAL TONE DELAY ALARM			23
1530	4	1	J3H001EF-1, L1		UNIT, DISTRIBUTE POINT APPLIQUE			
1540	4	OMIT 4	100203421	72A	FUSE, DUMMY FUSE POS 9T, 10T, 14B, 20T			
1541	4	1	100203397	70H	FUSE .75 AMP FUSE POS 10T			
1542	4	1	401922117	KS14174L8	PIN, DESIGNATION NYLON BROWN FUSE POS 10T			
1543	4	OMIT 4	103757977	72B	FUSE, DUMMY FUSE POS 9T, 10T, FUSE POS 14B, 20T			
1550	4	1	100203355	70D	FUSE 5 AMP FUSE POS 14B			
1560	4	1	401922083	KS14174L4	PIN, DESIGNATION NYLON GREEN FUSE POS 14B			
1570	4	3	900527615		SLEEVE #C2216W HOFFMAN CO. OR EQUIVALENT			
1580	4	8	840026835		SCREW, HEXAGON WASHER HEAD .216-24 X 5/8 IN. 289A FINISH			23
1590	4	3	843058462		SUPPORT, WIRE GUIDE			
1600	5	1	J5D005AD-1, L1		UNIT, OFFICE ALARM			
1610	5	1	ED5D048-30, G18		ASSEMBLY, CABLE			
1620	5	OMIT 2	100203421	72A	FUSE, DUMMY FUSE POS 9B, 21B			
1621	5	OMIT 2	103757977	72B	FUSE, DUMMY FUSE POS 9B, 21B			
1630	5	2	100203330	70B	FUSE 2 AMP FUSE POS 9B, 21B			25
1640	5	2	401922067	KS14174L2	PIN, DESIGNATION NYLON ORANGE FUSE POS 9B, 21B			25
1650	5	4	900527615		SLEEVE #C2216W HOFFMAN CO. OR EQUIVALENT			
1660	5	4	403231608		LUG, TERMINAL #60365 AMP INC. OR EQUIVALENT			
1670	4	1	102424736	727A	CAPACITOR .02 UF			

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

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BT13

5ESS SWITCHING EQUIPMENT
SPECIFICATION FOR
MISCELLANEOUS FRAME

DWG SIZE C2
ISSUE 10

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J5D005A-1

SHEET D2
OF 7

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