

TABLE A-FEATURES											
EQUIPMENT		EQUIPMENT OR CIRCUIT DATA						SD EQUIVALENT			
DESCRIPTION	REF NOTE	RAT-ING	LIST OR GROUP	QTY	EQUIPMENT OR CIRCUIT	LIST GROUP OR FIG	WRG	APP	SCHEMATIC	FIG	OPT
EQUIPMENT REQUIRED TO JUNCTION ONE CABINET TO ANOTHER CABINET IN EARTHQUAKE ZONES 1,2,3 OR 4 (SEE NOTE 54).		DA	1								
EQUIPMENT REQUIRED TO ANCHOR THE FIRST CABINET IN A LINEUP OR A CABINET STANDING ALONE TO THE FLOOR IN EARTHQUAKE ZONE 1 (SEE NOTE 53).			2								
EQUIPMENT REQUIRED TO ANCHOR SUCCEEDING CABINETS IN A LINEUP TO THE FLOOR IN EARTHQUAKE ZONE 1 (SEE NOTE 53).			3								
EQUIPMENT REQUIRED TO ANCHOR ONE CABINET TO THE FLOOR IN EARTHQUAKE ZONE 2.			4								
EQUIPMENT REQUIRED TO ANCHOR ONE CABINET TO THE FLOOR IN EARTHQUAKE ZONES 3 AND 4.			5								
END OF TABLE-A											

ENGINEERING NOTES

51. UNASSIGNED.

52. UNLESS OTHERWISE SPECIFIED, REFERENCE TO 'CABINET' APPLIES TO THE ED-5D184-73 AND ED-5D579-73 6'-0" HIGH CABINETS.

53. IN EARTHQUAKE ZONE 1, CABINETS STANDING ALONE SHALL BE SECURED TO THE FLOOR WITH ONE GROUP 2 PER CABINET. THE FIRST CABINET IN A CONTINUOUS LINEUP OF CABINETS SHALL BE SECURED TO THE FLOOR WITH ONE GROUP 2 PER CABINET. EACH SUCCEEDING CABINET IN THE LINEUP SHALL BE SECURED TO THE FLOOR WITH ONE GROUP 3.

54. ALL CABINETS INSTALLED IN EARTHQUAKE ZONES 1 TO 4 INCLUSIVE SHALL BE JUNCTIONED TOGETHER. (JUNCTION MATERIAL FURNISHED AS PART OF J-SPECIFICATION - NOT TO BE ORDERED BY LINE ENGINEER).

55. SHIELDING AND GASKETING APPLICATION IN PRIVATE BRANCH EXCHANGE IS SHOWN ON SHEETS B3,B4,C2 & C3. MATERIAL ORDERED ON ED-5D619-70,G1.

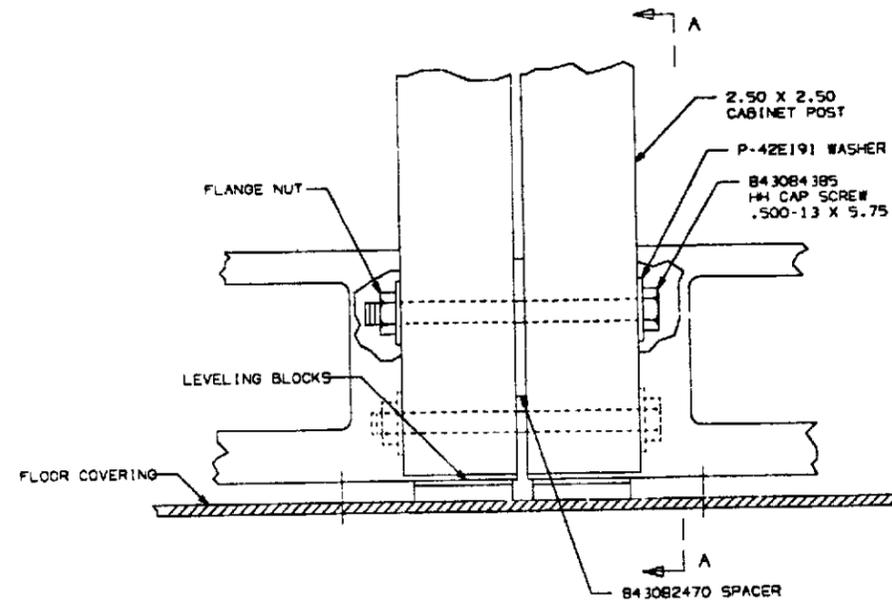
56. DOLLAR SIGNS (\$) IN FRONT OF AND BEHIND WORDS, SENTENCES, PARAGRAPHS AND/OR CHARACTERS INDICATE HORIZONTALLY LINED OUT INFORMATION.

ISSUE NOTES			
<ul style="list-style-type: none"> 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. 			
SH B1 NOTES RMVD. SH B3 NOTES B1,B2,B3,B4 ADDED. FIG. 7 CHGD. SH B4 NOTES B5, B6 ADDED. SH C1 NOTES RMVD. SH C2 AND C3 NOTES C1 AND C2 ADDED.			
ORIG ISS:	03/30/83	CHANGE CLASS:	B
DRAFT:	DSL ENGR: RJC SUPV:	CERTIFIED:	03/05/86 ISSUE: B
SH. B2 FIG'S 5 & 6 TWO PIECE DOOR FR WK DIM. ADDED. ONE PIECE REVISED. DRAWING RATING READ 'PROVISIONAL'.			
ORIG ISS:	03/30/83	CHANGE CLASS:	B
DRAFT:	DSL ENGR: RJC SUPV:	CERTIFIED:	02/27/87 ISSUE: 9
IN STOCKLIST. ITEM 1290,1320,1330 & 1340 LINED OUT. ITEM 1360 ADDED. FIG 4 LINED OUT. FIG 9 ADDED. NOTE 4 REVISED. NOTE 9 LINED OUT. NOTES 19 & 56 ADDED.			
ORIG ISS:	03/30/83	CHANGE CLASS:	M
DRAFT:	DSL ENGR: NJT SUPV:	CERTIFIED:	05/01/89 ISSUE: 10

SHEET INDEX										
SHT NBR	A1 THRU A1					ISSUE 10				
SHT NBR	D1 THRU D2					ISSUE 10				
SHT NBR	B1	B2	B3	B4	B5					
ISSUE	10	10	8	8	10					
SHT NBR	C1	C2	C3							
ISSUE	8	8	8							
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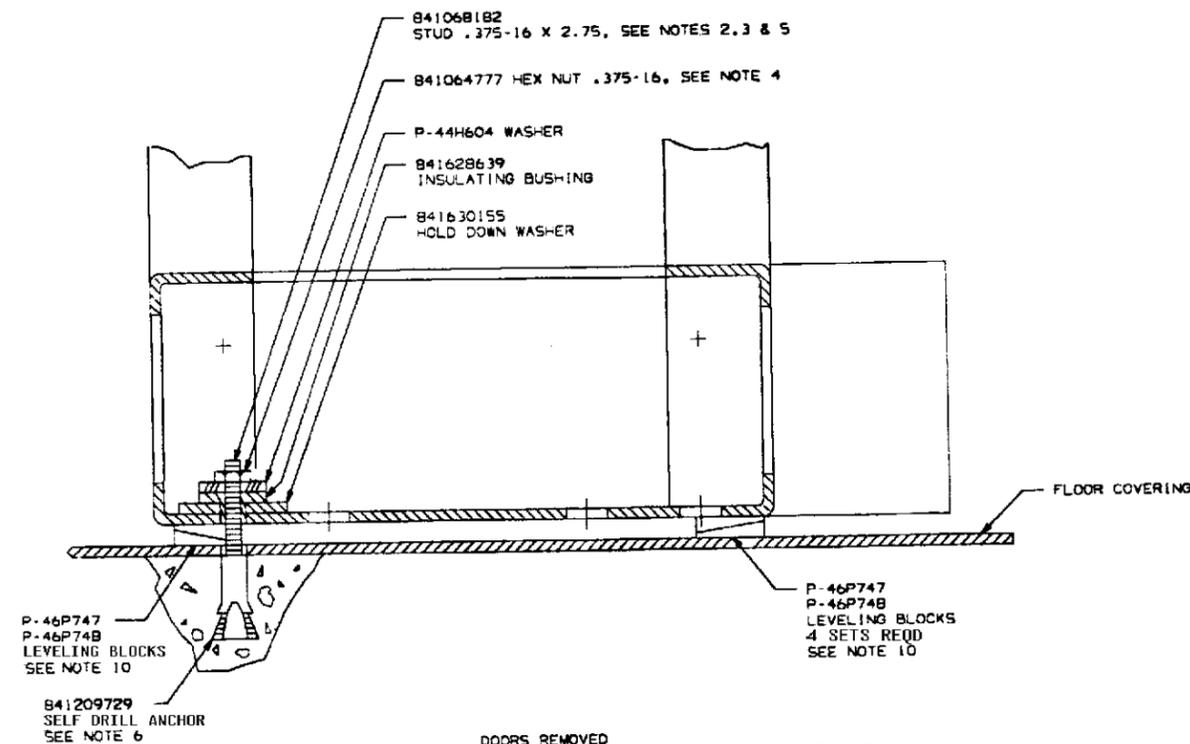
AT&T - PROPRIETARY USE PURSUANT TO COMPANY INSTRUCTIONS			
SESS SWITCHING EQUIPMENT HARDWARE FOR INSTALLING CABINETS (6'-0" HIGH)		RT99	
DWG SIZE	C2	ISSUE	10
AT&T	ED5D511-11	SHEET A1	OF 11

ED5D511-11



FRONT VIEW, DOORS REMOVED
METHOD OF JUNCTIONING ONE CABINET TO ANOTHER CABINET
IN EARTHQUAKE ZONES 1, 2, 3 & 4
FIG. 1

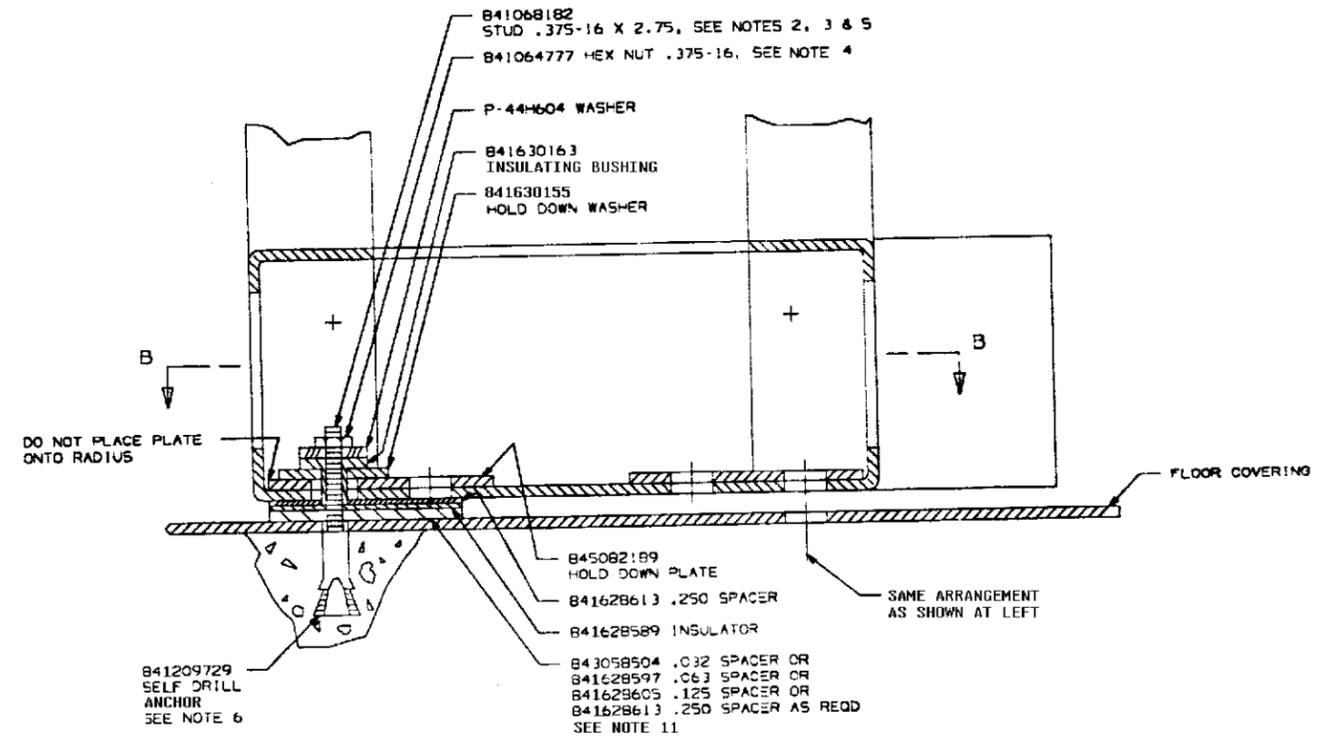
SEE NOTES 14, 17 & 18



DOORS REMOVED
TYPICAL METHOD OF ANCHORING CABINET TO FLOOR IN EARTHQUAKE ZONE 1
21" DEEP CABINET PER ED-5D184-73 SHOWN

FIG. 2

SEE NOTES 7, 12 & 13



DOORS REMOVED
TYPICAL METHOD OF ANCHORING CABINET TO FLOOR IN EARTHQUAKE ZONE 2
21" DEEP CABINET PER ED-5D184-73 SHOWN

FIG. 3

SEE NOTES 8, 12 & 13

SEE PROPRIETARY NOTICE ON SHEET ONE

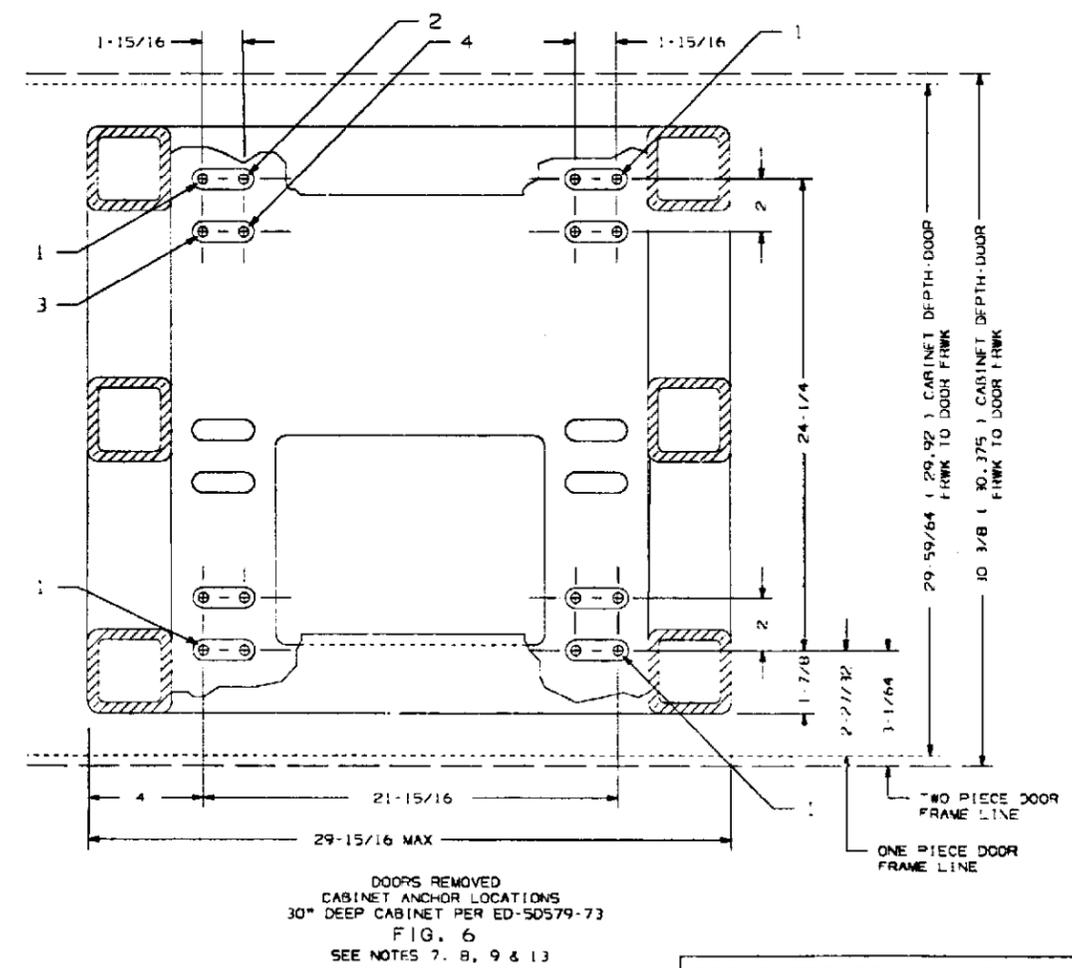
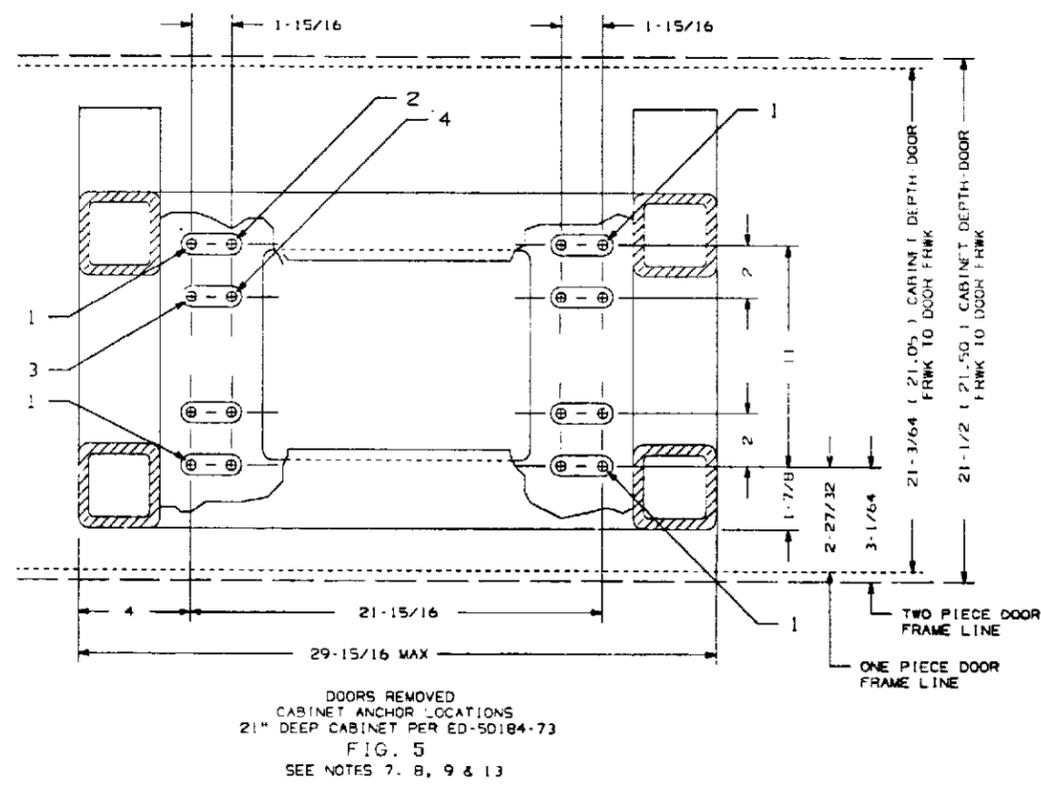
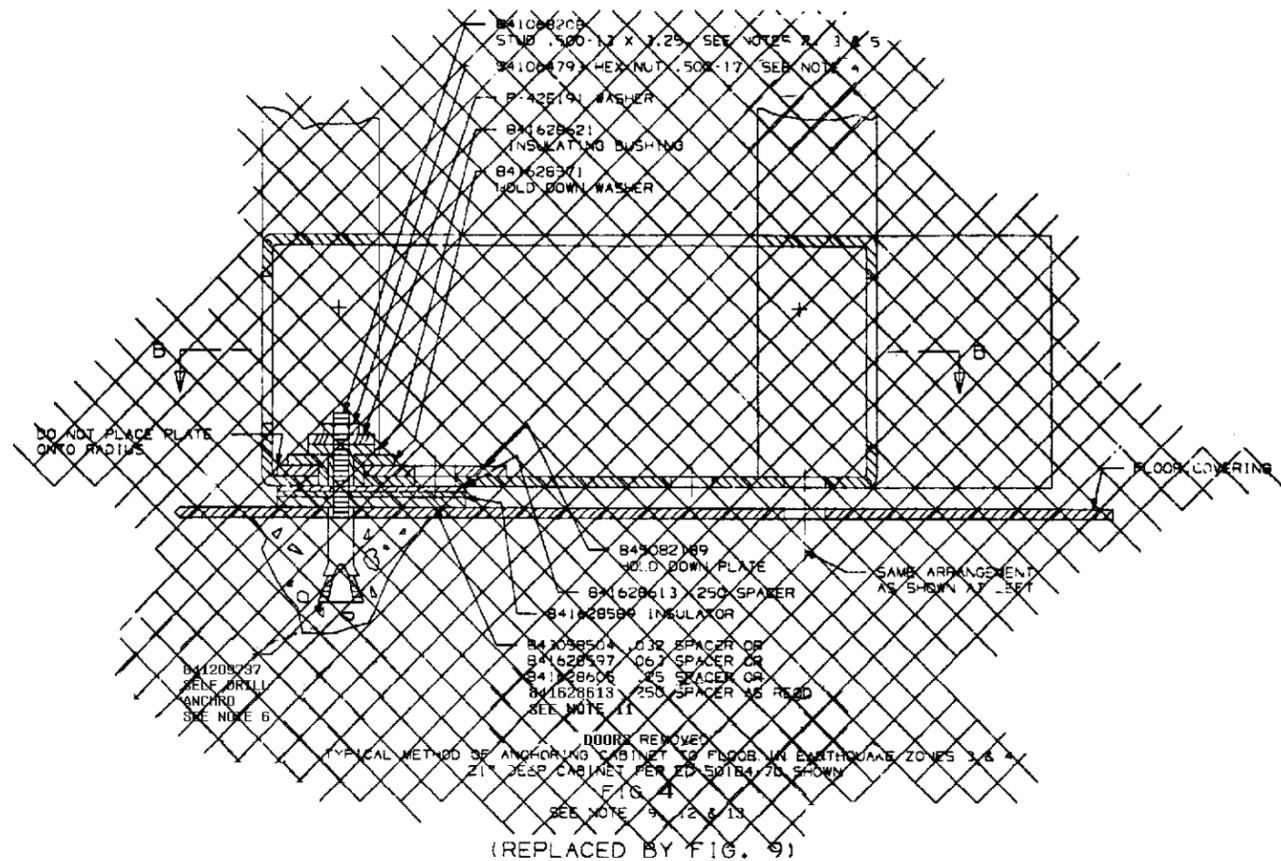
HARDWARE FOR INSTALLING
CABINETS, 6'-0" HIGH

DWG SIZE	ISSUE
C2	10

AT&T

ED-5D511-11

SHEET
B1

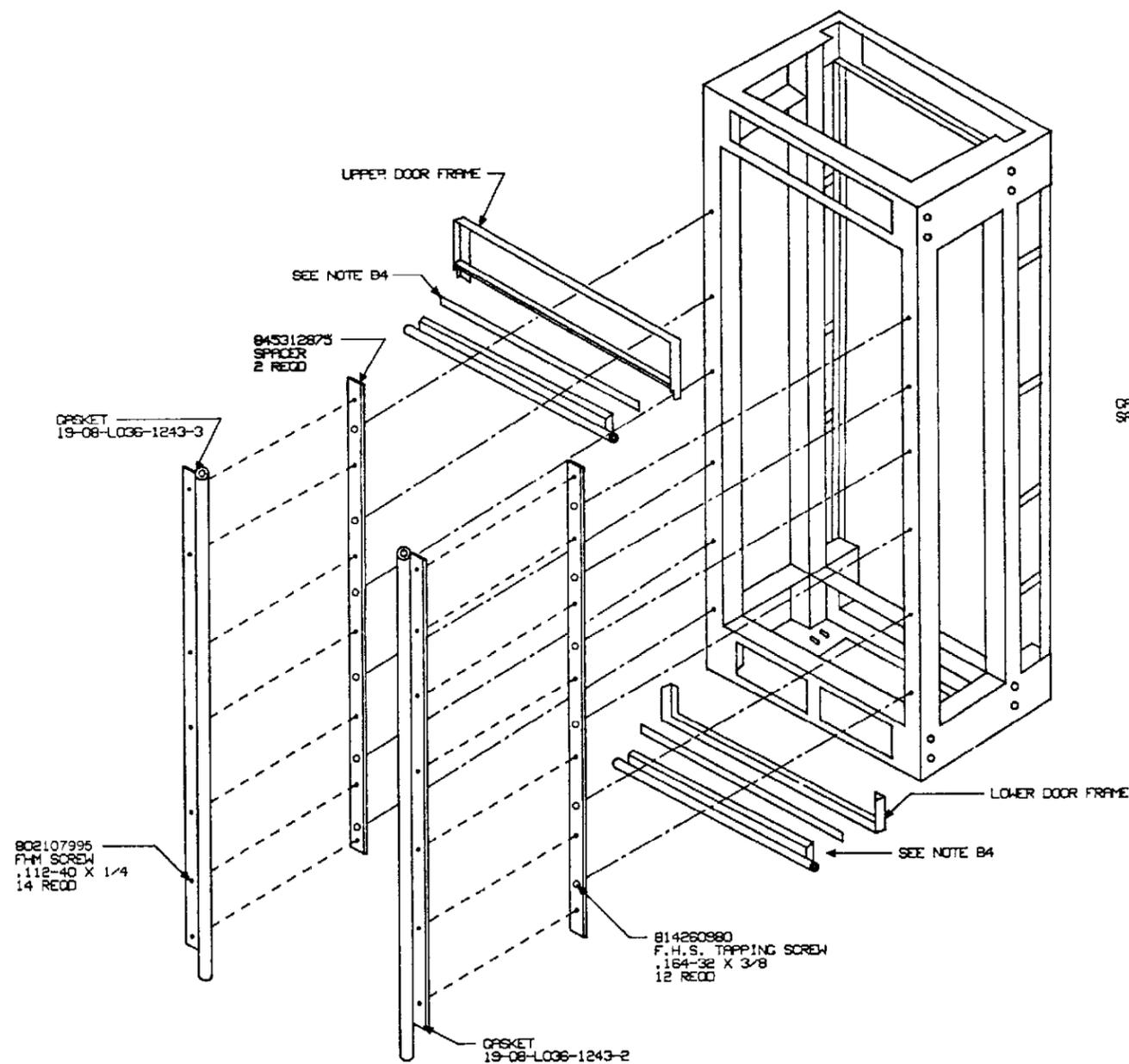


ED-50511-11

SEE PROPRIETARY NOTICE ON SHEET ONE		
HARDWARE FOR INSTALLING CABINETS 6'-0" HIGH		DWG SIZE C2
		ISSUE 10
AT&T	ED-50511-11	SHEET B2

ASSEMBLY NOTES:

- B1. GASKETING AND SPACER INFORMATION CAN BE FOUND IN ED-50619-70.G1.
- B2. GASKETING IS MOUNTED AFTER DOOR FRAME AND SPACER ARE MOUNTED, BUT BEFORE DOOR IS MOUNTED.
- B3. GASKET MOUNTING PROCEDURE SAME FRONT AND REAR.
- B4. WHEN FACING CABINET UPPER & LOWER DOOR FRAME GASKET SHALL BE INSTALLED WITH THE 1 3/8" FREE GASKET END TO THE LEFT SIDE OF THE CABINET WITH EXTRUSION BUTTING AGAINST PLASTIC DOOR CHANNEL TRACK.



METHOD OF INSTALLATION DOOR GASKETS AND SPACERS
PER ED-50619-70, G-1

FIG. 7
SEE NOTES B1-B4
SCALE: N.T.S

SEE PROPRIETARY NOTICE ON SHEET ONE

HARDWARE FOR INSTALLING
CABINETS, 8'-0" HIGH

DWG SIZE
C2

ISSUE
8

AT&T TECHNOLOGIES, INC.

ED-50511-11

SHEET
B3

ASSEMBLY NOTES:

- 85. BEFORE CABINET SPACERS OR CABINET IS INSTALLED, ALL CABINET TO CABINET JUNCTIONS MUST BE SEALED WITH COPPER TAPE (SPECIFIED IN ED-50519). THESE JUNCTIONS ARE INDICATED BY THE CROSS HATCHING SHOWN ON THE DRAWING.
- 86. DOOR FRAMES MUST BE REMOVED TO INSTALL COPPER FOIL. FOIL RUNS ACROSS CABINET JUNCTION AT CABINET TOP AND ALONG CABINET JUNCTION VERTICALLY IN THE FRONT AND THE REAR. PER ED-50519-70.C1.

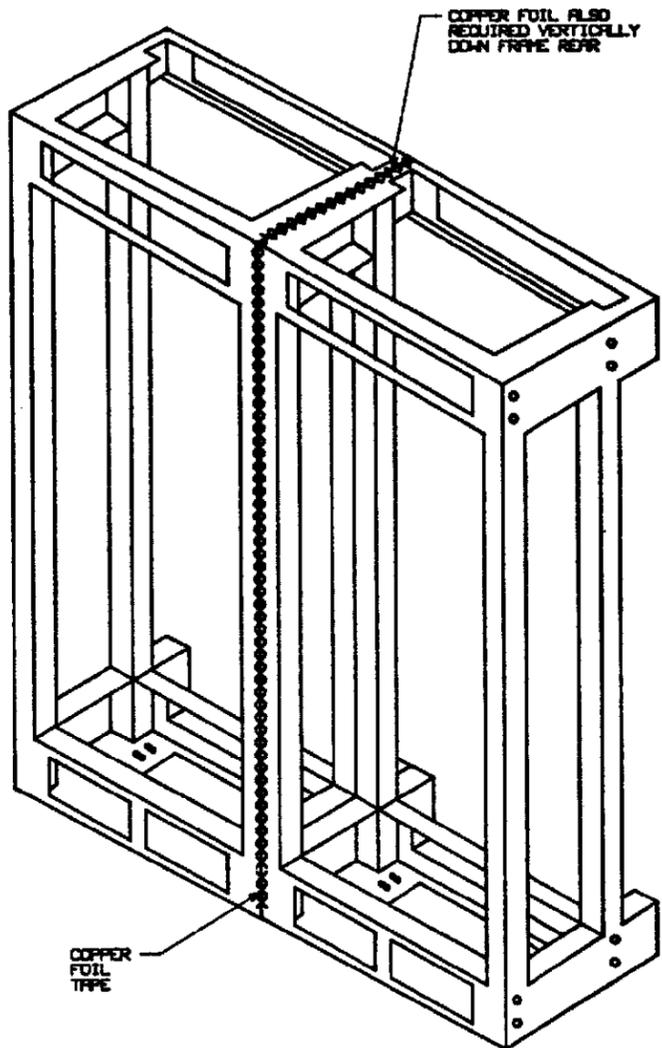
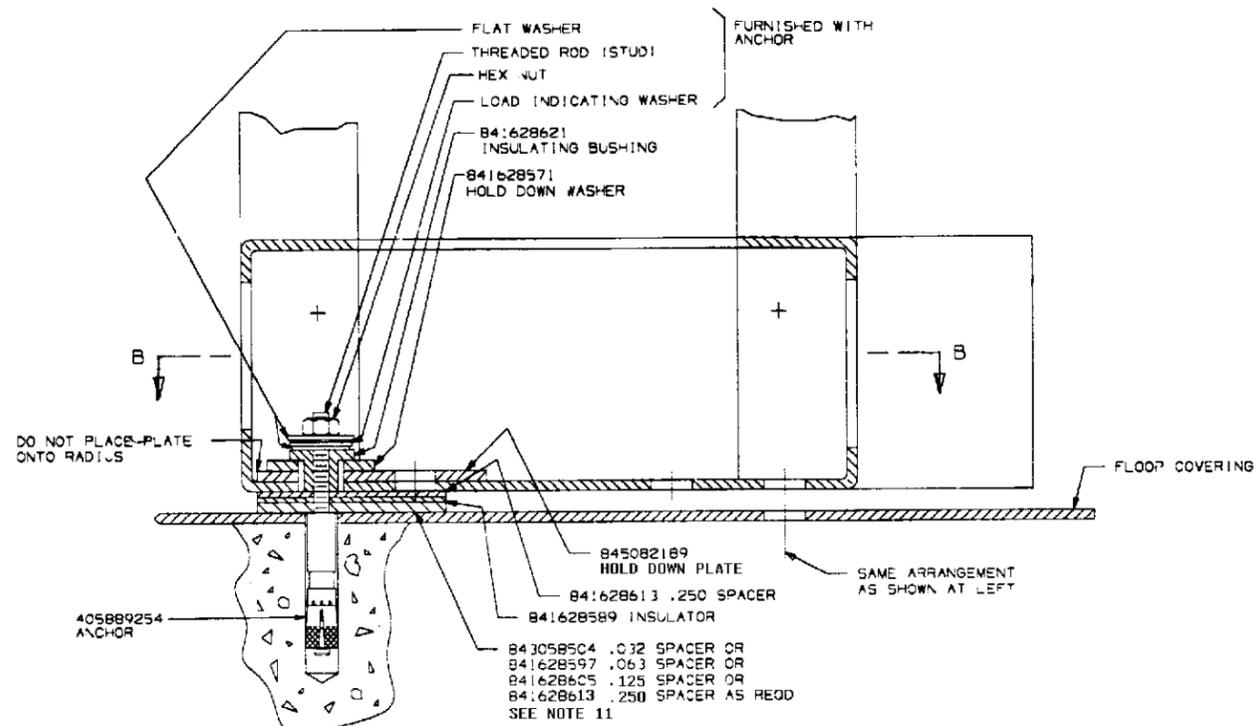


FIG. 8

SEE NOTES ON THIS PAGE
SCALE: N.T.S.

SEE PROPRIETARY NOTICE ON SHEET ONE		
HARDWARE FOR INSTALLING CABINETS, 6'-0" HIGH	DWG SIZE	ISSUE
	C2	8
AT&T TECHNOLOGIES, INC.	ED-50511-11	SHEET 84



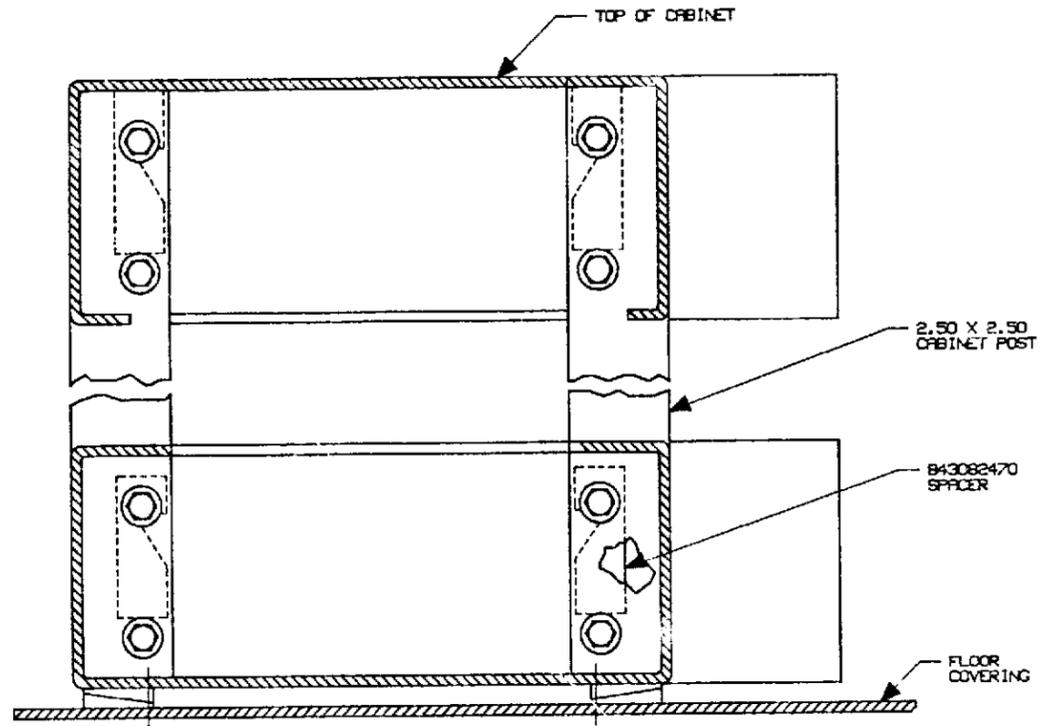
DOORS REMOVED
 TYPICAL METHOD OF ANCHORING CABINET TO FLOOR IN EARTHQUAKE ZONES 3 & 4
 21" DEEP CABINET PER ED-5D:84-73 SHOWN
 FIG. 9

SEE NOTES 12, 13 & 19

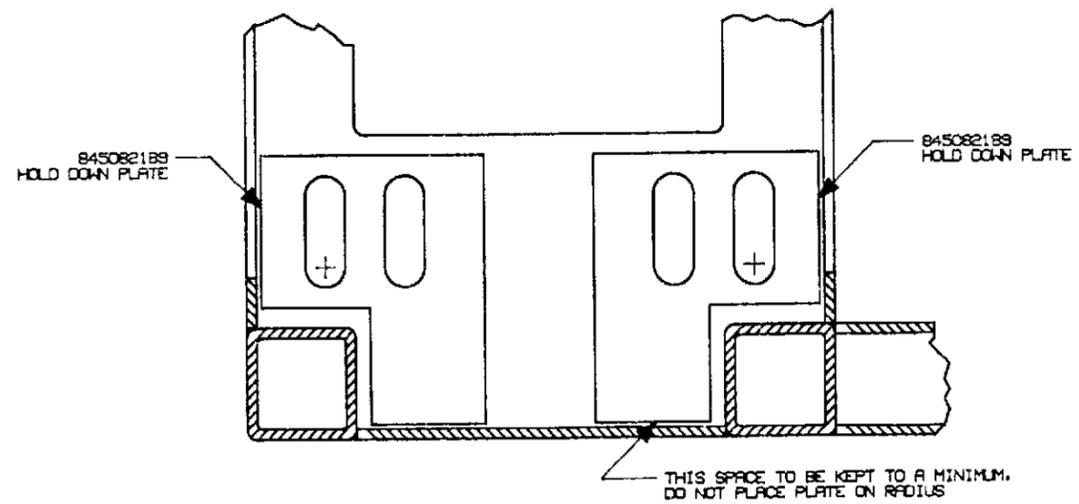
SEE PROPRIETARY NOTICE ON SHEET ONE

HARDWARE FOR INSTALLING CABINETS 6'-0" HIGH		DWG SIZE C2	ISSUE 10
AT&T	ED-5D511-11 <small>PRINTED IN U.S.A.</small>	SHEET 85	

ED-5D511-11



SECT. A-A

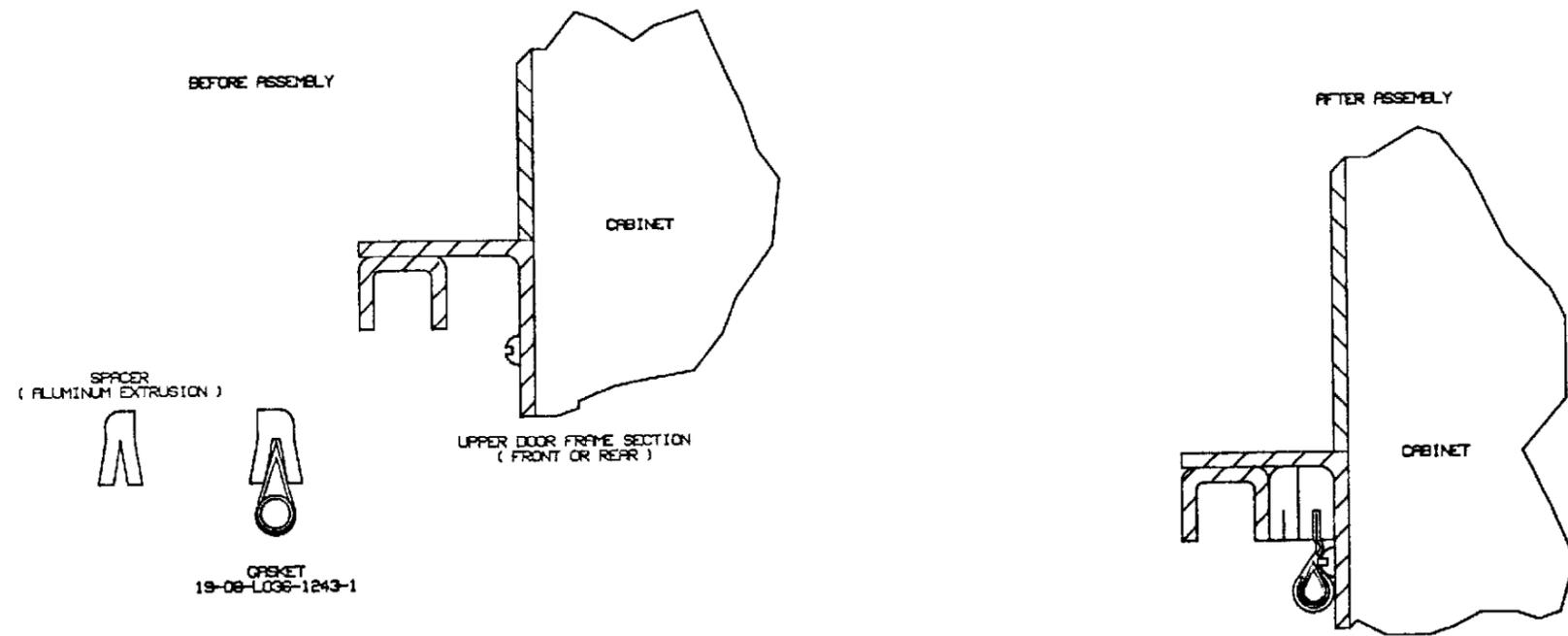


SECT. B-B

SEE PROPRIETARY NOTICE ON SHEET ONE		
HARDWARE FOR INSTALLING CABINETS, 6'-0" HIGH	DWG SIZE	ISSUE
	C2	8
AT&T TECHNOLOGIES, INC.	ED-50511-11	SHEET C1

ASSEMBLY NOTES:

- C1. GASKET AND SPACER MUST BE FORCE FIT PAST PAN HEAD DOOR FRAME MOUNTING SCREWS AND MUST LOCK SECURELY IN PLACE. FLAT SIDES OF ALUMINUM EXTRUSIONS GO BACK TO BACK.
- C2. WHEN FACING CABINET UPPER & LOWER DOOR FRAME GASKET SHALL BE INSTALLED WITH THE 1/8" FREE GASKET END TO THE LEFT SIDE OF THE CABINET WITH EXTRUSION BUTTING AGAINST PLASTIC DOOR CHANNEL TRACK.



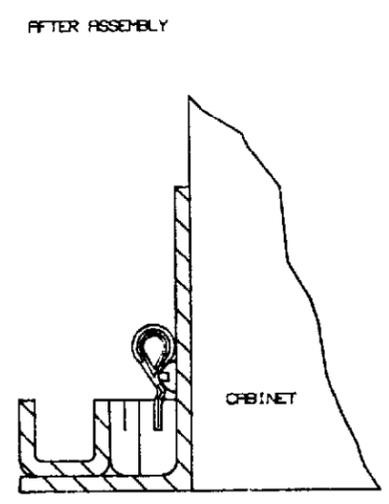
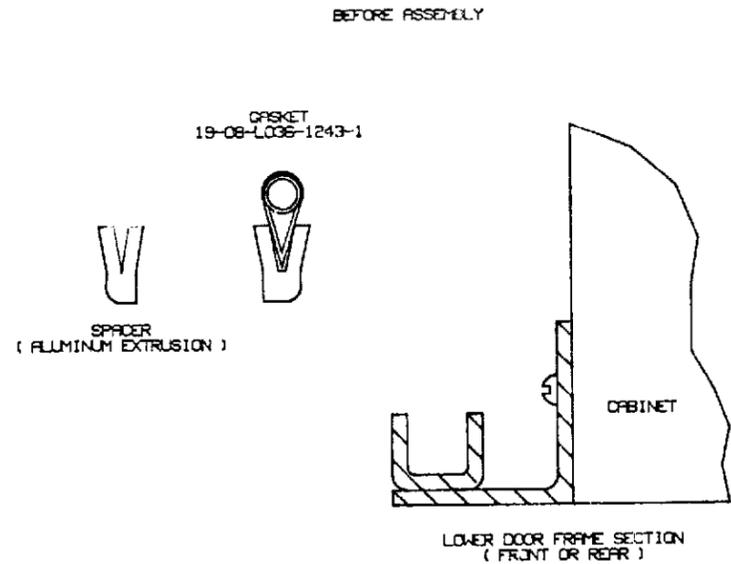
METHOD OF INSTALLATION UPPER DOOR GASKET AND SPACER

VIEW C-C
SEE NOTE C1
SCALE: N.T.S.

SEE PROPRIETARY NOTICE ON SHEET ONE		
HARDWARE FOR INSTALLING CABINETS, 6'-0" HIGH	Q-C SIZE	ISSUE
	C2	8
AT&T TECHNOLOGIES, INC.	ED-50511-11	SHEET C2

ASSEMBLY NOTES:

- C1. GASKET AND SPACER MUST BE FORCE FIT PAST PAN HEAD DOOR FRAME MOUNTING SCREWS AND MUST LOCK SECURELY IN PLACE. FLAT SIDES OF ALUMINUM EXTRUSIONS GO BACK TO BACK.
- C2. WHEN FACING CABINET UPPER & LOWER DOOR FRAME GASKET SHALL BE INSTALLED WITH THE 1 3/8" FREE GASKET END TO THE LEFT SIDE OF THE CABINET WITH EXTRUSION BUTTING AGAINST PLASTIC DOOR CHANNEL TRACK.



METHOD OF INSTALLATION LOWER DOOR GASKET AND SPACER
VIEW D-D
SEE NOTE C1
SCALE: N.T.S.

SEE PROPRIETARY NOTICE ON SHEET ONE		
HARDWARE FOR INSTALLING CABINETS, 6'-0" HIGH	DWG SIZE	ISSUE
	C2	8
AT&T TECHNOLOGIES, INC.	ED-SD511-11	SHEET C3

MANUFACTURING NOTES

***** CONTINUED *****

AT THE TOP SURFACE OF THE CABINET AND NOT THE BOTTOM. WHEN JUNCTIONING THE CABINETS TOGETHER IN BLOCKS OF TWO, THREE OR FOUR CABINETS, THE QUANTITY OF SPACERS REQUIRED BETWEEN CABINETS WILL VARY ACCORDING TO THE DIMENSIONS OF THE CABINETS THEMSELVES. EACH BLOCK OF CABINETS SHALL BE MEASURED AND THE APPROPRIATE QUANTITIES OF B43082470 SPACERS SHALL BE ADDED BETWEEN THE CABINETS TO ACHIEVE THE FOLLOWING DIMENSIONS:

TWO CABINETS 59-7/8IN.+
 1/16IN.-0IN.
 THREE CABINETS 89-7/8IN.+
 1/16IN.-0IN.
 FOUR CABINETS 119-7/8IN.+
 1/16IN.-0IN.

X 18. ALL CABINETS MUST BE JUNCTIONED TOGETHER WITH 4 BOLTS IN FIELD AS SHOWN IN FIG. 1, SECT. A-A. IF A FUSE & FILTER PANEL INTERFERES WITH THIS PROCEDURE, IT WILL BE NECESSARY TO TEMPORARILY SLIDE THE FFP FORWARD OR BACKWARD TO ALLOW ACCESS TO THE BOLT HOLES. THE 2 Z-BRACKETS ATTACHING THE FFP TO THE CABINET MUST BE REMOVED TO ALLOW THE FFP TO SLIDE. AFTER JUNCTIONING THE CABINETS, REATTACH THE Z-BRACKETS.

X 19. IN EARTHQUAKE ZONES 3 & 4, CABINETS SHALL BE SECURED TO THE FLOOR USING FOUR 12MM HOLD DOWN ARRANGEMENTS, ONE IN EACH CORNER. CABINETS SHALL BE JUNCTIONED IN ACCORDANCE WITH FIG 1.

MANUFACTURING NOTES

X 1. ALL PARTS SHALL BE SHIPPED SEPARATELY.

X 2. STUDS SHALL BE INSTALLED TO THE FULL DEPTH OF THE THREAD IN THE ANCHOR.

X 3. THE STUD AND NUT SHALL NOT TOUCH EQUIPMENT. STUDS MAY BE CUT TO PROVIDE CLEARANCE.

X 4. THE NUTS SHALL BE TIGHTENED TO THE FOLLOWING INITIAL TORQUE REQUIREMENTS FOR EARTHQUAKE ZONES AS FOLLOWS:
 ZONE 1, 3/8-INCH HEX NUT = 85 INCH POUNDS.
 ZONE 2, 3/8-INCH HEX NUT = 25 FT POUNDS.
 ZONES 3 & 4, 1/2-INCH HEX NUT = 50 FT POUNDS.
 ZONES 3 & 4, 12MM HEX NUT = 56 FT POUNDS.

VERIFICATION TORQUE REQUIREMENTS ARE:
 ZONE 1, 3/8-INCH HEX NUT = 70 INCH POUNDS.
 ZONE 2, 3/8-INCH HEX NUT = 25 FT POUNDS.
 ZONES 3 & 4, 1/2-INCH HEX NUT = 40 FT POUNDS.

X 5. AFTER THE HOLD DOWN PILE-UP IS TIGHTENED THERE SHALL BE A MINIMUM OF APPROXIMATELY 1-1/2 THREADS (OR MORE) SHOWING ABOVE THE NUT.

X 6. THE ANCHOR SHALL BE POSITIONED SO THAT IT IS FLUSH TO SLIGHTLY UNDER FLUSH TO THE CONCRETE SURFACE.

X 7. IN EARTHQUAKE ZONE 1, CABINETS STANDING ALONE SHALL BE SECURED TO THE FLOOR WITH TWO 3/8-INCH HOLD DOWN ARRANGEMENTS, ONE IN EACH DIAGONAL OPPOSITE CORNER OF THE CABINET. IN A CONTINUOUS LINEUP OF CABINETS, THE FIRST CABINET AT MAIN AISLE SHALL BE SECURED TO THE FLOOR WITH TWO 3/8-INCH HOLD DOWN ARRANGEMENTS, ONE IN EACH DIAGONAL OPPOSITE CORNER OF THE CABINET. EACH SUCCEEDING CABINET SHALL BE SECURED AT THE FAR END, ALTERNATELY STAGGERED AT THE FRONT AND REAR (REFER TO FIG 5). CABINETS SHALL BE JUNCTIONED IN ACCORDANCE WITH FIG 1.

X 8. IN EARTHQUAKE ZONE 2, CABINETS SHALL BE SECURED TO THE FLOOR USING FOUR 3/8-INCH HOLD DOWN ARRANGEMENTS, ONE IN EACH CORNER. CABINETS SHALL BE JUNCTIONED IN ACCORDANCE WITH FIG 1.

X 9. IN EARTHQUAKE ZONES 3 & 4, CABINETS SHALL BE SECURED TO THE FLOOR USING FOUR 1/2-INCH HOLD DOWN ARRANGEMENTS, ONE IN EACH CORNER. CABINETS SHALL BE JUNCTIONED IN ACCORDANCE WITH FIG 1.

X 10. USE ANY COMBINATION OF TWO LEVELING BLOCKS TO LEVEL CABINET FROM .30 TO .90 OFF THE FLOOR AND WITHIN .06 OF ADJOINING CABINET. LOCATE UNDER EACH CORNER OF CABINET.

X 11. USE SPACERS AS REQUIRED TO LEVEL CABINET FROM .28 TO .90 OFF THE FLOOR AND WITHIN .06 OF ADJOINING CABINET. THE SPACERS SHALL BE PLACED SUCH THAT THE OUTSIDE FACE (AISLE FACE) BE PLACED FLUSH OR NOT MORE THAN 1/16-INCH UNDER FLUSH WITH THE AISLE SIDE OF THE CABINET FRAME BASE. AISLE FACE HERE MEANS THE MAINTENANCE OR WIRING AISLES THAT ARE PARALLEL TO THE DIRECTION OF THE CABINET LINE-UPS.

X 12. AFTER HEX NUTS ARE TIGHTENED, AND BEFORE BOLTING CABINET TO CABLE RACK, CABINET MUST BE CHECKED FOR ABSENCE OF BUILDING GROUND.

X 13. WHEN AN ANCHOR IS TO BE INSTALLED, IT SHALL BE LOCATED IN THE PREFERRED CORNER LOCATION INDICATED, 1 (SEE FIG 5). IF INTERFERENCE WITH REINFORCING BARS OCCURS DURING INSTALLATION, ALTERNATE LOCATIONS 2, 3 AND 4 AT THE SAME CORNER SHALL BE SELECTED AS FOLLOWS:
 (A) LOCATION 2 IF INTERFERING BAR AT POSITION 1 RUNS PERPENDICULAR TO THE EQUIPMENT LINEUP.
 (B) LOCATION 3 IF INTERFERING BAR AT POSITION 1 RUNS PARALLEL TO THE EQUIPMENT LINEUP.
 (C) LOCATION 4 IS PERMITTED ONLY IF TWO REINFORCING BARS, ONE RUNNING PERPENDICULAR AND THE OTHER ONE RUNNING PARALLEL TO THE EQUIPMENT LINEUP AND CROSS AT POSITION 1.

X 14. JUNCTION MATERIAL SHOWN IN FIG. 1 IS FURNISHED AS PART OF ASSOCIATED J-SPECIFICATION.

15. UNASSIGNED.

16. UNASSIGNED.

X 17. WHEN JUNCTIONING SIX FOOT CABINETS TOGETHER, THE LEVEL OF EACH CABINET WITH REGARD TO THE ADJACENT CABINET SHALL BE DETERMINED

***** CONTINUED AT LEFT *****

SEE PROPRIETARY NOTICE ON SHEET ONE	
SESS SWITCHING EQUIPMENT HARDWARE FOR INSTALLING CABINETS (6'-0" HIGH)	RT99
	DWG SIZE C2
	ISSUE 10
	SHEET 01 OF 11
AT&T	ED5D511-11

ED5D511-11

STOCKLIST							
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE
1000	1	4	843082470		SPACER		
1010	1	4	843082488		STUD		
1020	1	8	900666256		NUT, TOP LOCK-FLANGE		
					INF 1335		
					CRIPCO FASTENER CO		
					OR EQUIVALENT		
1030	2	2	841209729		DRILL, ANCHOR BOLT SHELF		
1040	2	2	841630155		WASHER, HOLD DOWN		
1050	2	2	841628639		BUSHING, INSULATING		
1060	2	2	814486049	P44H604	WASHER		
1070	2	2	841064777		NUT, HEXAGON		
					.375-16 X .250 STEEL 289A FINISH		
1080	2,3	8	824677470	P46P747	BLOCK, FRAMEWORK LEVELING		
1090	2,3	8	824677488	P46P748	BLOCK, FRAMEWORK LEVELING		
1100	2	2	841068182		STUD, CONTINUOUS THREAD		
					.375-16 X 2 3/4		
1110	3	1	841209729		DRILL, ANCHOR BOLT SHELF		
					.375		
1120	3	1	841630155		WASHER, HOLD DOWN		
					.187		
1130	3	1	841628639		BUSHING, INSULATING		
1140	3	1	814486049	P44H604	WASHER		
					.386		
1150	3	1	841064777		NUT, HEXAGON		
					.375-16 X .250 STEEL 289A FINISH		
1160	3	1	841068182		STUD, CONTINUOUS THREAD		
					.375-16 X 2 3/4		
1170	4	4	841209729		DRILL, ANCHOR BOLT SHELF		
					.375		
1180	4,5	4	843058504		SPACER		
1190	4,5	4	841628597		SPACER		
1200	4,5	4	841628605		SPACER		
1210	4,5	8	841628613		SPACER		
1220	4,5	4	841628589		INSULATOR		
1230	4	4	841630155		WASHER, HOLD DOWN		
					.187		
1240	4,5	2	843082496		PLATE		
					HOLD DOWN		
1250	4	4	841630163		BUSHING, INSULATING		
					.375		
1260	4	4	814486049	P44H604	WASHER		
					.386		
1270	4	4	841064777		NUT, HEXAGON		
					.375-16 X .250 STEEL 289A FINISH		
1280	4	4	841068182		STUD, CONTINUOUS THREAD		
					.375-16 X 2 3/4		
1290	5	4	841209737		BOLT-ANCHOR		
					500-13-STEEL-DRILLING		
1300	5	4	841628571		WASHER, HOLD DOWN		
					.500-13 X 6		
1310	5	4	841628621		BUSHING, INSULATING		
					.500		
1320	5	4	844251014	P42E191	WASHER, PLAIN		
					500-STEEL-289A-FINISH		
1330	5	4	841064793		NUT, HEXAGON HEAD		
					500-13-STEEL-289A-FINISH		
***** STOCKLIST CONTINUED AT RIGHT *****							

ED5D511-11

STOCKLIST							
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE
1340	5	4	841068206		STUD, CONTINUOUS THREAD		
					500-13-X-3-1/4		
1350	4,5	4	845082189		PLATE		
					HOLD DOWN		
1360	5	4	405889254		ANCHOR		
					#326520		
					HILTI INC.		
***** END OF STOCKLIST *****							

SEE PROPRIETARY NOTICE ON SHEET ONE

RT99

CESS SWITCHING EQUIPMENT
HARDWARE FOR INSTALLING
CABINETS (6'-0" HIGH)

UWG SIZE C2	ISSUE 10
AT&T	ED5D511-11

SHEET 02 OF 11