

METHOD OF ANCHORING STANCHION TO FLOOR EARTHQUAKE ZONE 1
 FIG. 1
 SEE NOTES 8 & 9

METHOD OF ANCHORING STANCHION TO FLOOR IN EARTHQUAKE ZONES 3 & 4
 FIG. 3
 SEE NOTES 8 & 9

(REPLACED BY FIG. 5)

METHOD OF ANCHORING STANCHION TO FLOOR IN EARTHQUAKE ZONE 2
 FIG. 2
 SEE NOTES 2 & 9

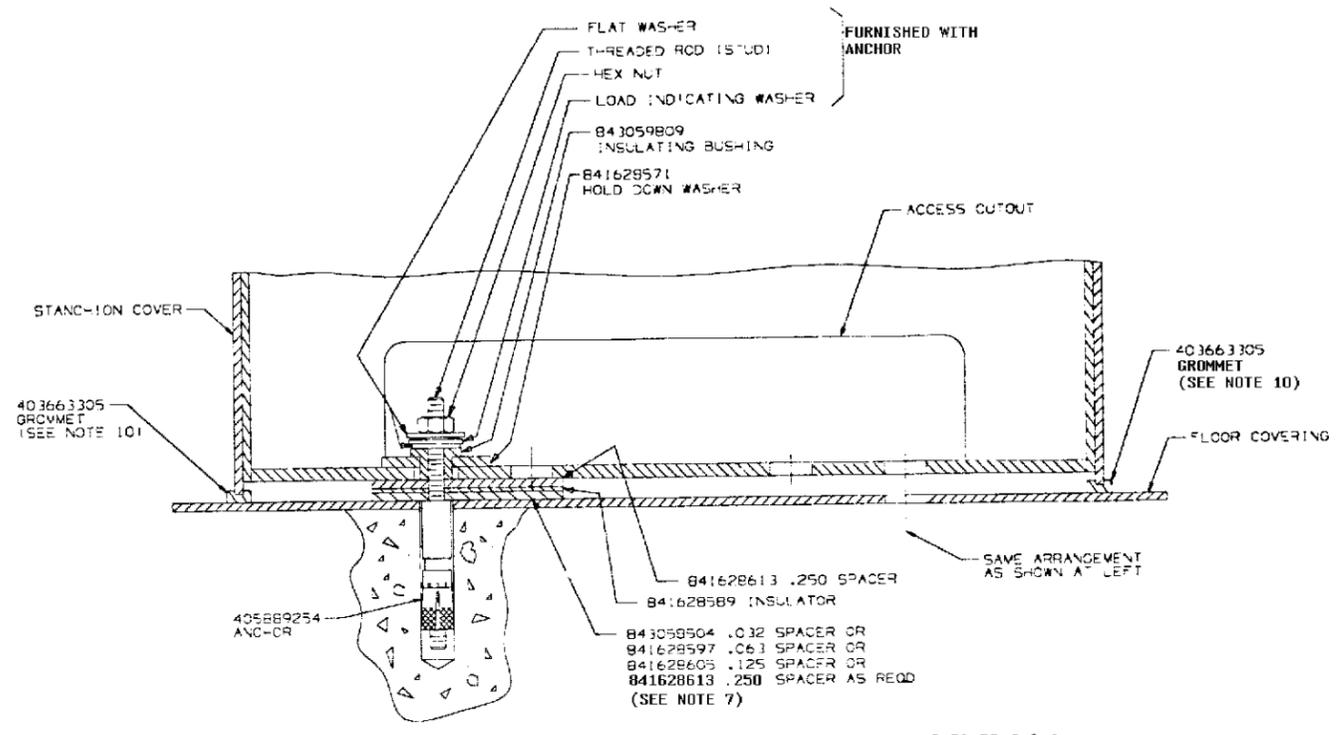
STANCHION ANCHOR LOCATIONS
 FIG. 4
 SEE NOTE 9

SEE PROPRIETARY NOTICE ON SHEET ONE

HARDWARE FOR INSTALLING CABLE RACK SUPPORT STANCHION		DWG. SIZE 65	ISSUE 7
AT&T TECHNOLOGIES, INC.		ED-5D511-12	SHEET 81

SHEET INDEX	ISSUE	SH NO.	ISSUE	SH NO.
	7	81		

ED-5D511-12



METHOD OF ANCHORING STANCHION TO FLOOR IN EARTHQUAKE ZONES 3 & 4

FIG. 5
SEE NOTES 8 & 9

SEE PROPRIETARY NOTICE ON SHEET ONE

HARDWARE FOR INSTALLING CABLE RACK SUPPORT STANCHION		DWG SIZE	ISSUE
		A3	7
ED-50511-12		SHEET	32

STOCKLIST									
ITEM NBR	LIST GROUP CODE	QTY PER CODE	PRODUCT IDENTIFIER	CODE	DESCRIPTION	REFERENCE POSITION	NOTE		
							SYM	NBR	
1010	1,2	2	841209729		DRILL ANCHOR BOLT SHELF .375				
1020	1,2	2	841630155		WASHER, HOLD DOWN .187				
1030	1,2	2	843059791		BUSHING, INSULATING 3/8 ID				
1040	1,2	2	814486049	P44H604	WASHER .386				
1050	1,2	2	841064777		NUT, HEXAGON .375-18 X .250 STEEL 289A FINISH				
1060	1	4	824677470	P46P747	BLOCK, FRAMEWORK LEVELING				
1070	1	4	824677488	P46P748	BLOCK, FRAMEWORK LEVELING				
1080	1,2	2	841068182		STUD, CONTINUOUS THREAD .375-18 X 2 3/4				
1090	2,3	2	843058504		SPACER				
1100	2,3	2	841628597		SPACER				
1110	2,3	2	841628605		SPACER				
1120	2,3	4	841828613		SPACER				
1130	2,3	2	841628589		INSULATOR				
1140	3	2	841209737		BOLT, ANCHOR 500 INCH SELF-DRILLING				
1150	3	2	841628571		WASHER, HOLD DOWN .500-13 X 6				
1160	3	2	843059809		BUSHING, INSULATING 1/2 ID				
1170	3	2	814251914	P42E191	WASHER, PLAIN 500 STEEL 289A FINISH				
1180	3	2	841864793		NUT, HEXAGON HEAD 500-13 STEEL 289A FINISH				
1190	3	2	841068208		STUD, CONTINUOUS THREAD 500-13 X 3 1/4				
1200	1,2,3	1	403663305		GROMMET #NCS2 PLASTIC MATERIAL SELF EXTINGUISHING LIGHT 4FT 6IN RICHCO PLASTIC CO. OR EQUIVALENT			10	
1210	3	2	405889254		ANCHOR #376520 HILTI INC.				
***** END OF STOCKLIST *****									

S
I
N
G
L
E

MANUFACTURING NOTES

1. ALL PARTS SHALL BE SHIPPED SEPARATELY.
2. STUDS SHALL BE INSTALLED TO THE FULL DEPTH OF THE THREAD IN THE ANCHOR.
3. 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
4. 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.
5. THE ANCHOR SHALL BE POSITIONED SO THAT IT IS FLUSH TO SLIGHTLY UNDER FLUSH TO THE CONCRETE SURFACE.
6. USE ANY COMBINATION OF TWO LEVELING BLOCKS TO LEVEL STANCHION FROM .30 TO .90 OFF THE FLOOR. LOCATE UNDER STANCHION AT FRONT AND REAR.
7. USE SPACERS AS REQUIRED TO LEVEL STANCHION FROM .28 TO .90 OFF THE FLOOR. 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 STANCHION BASE. AISLE FACE HERE MEANS THE MAINTENANCE OR WIRING AISLES THAT ARE PARALLEL TO THE DIRECTION OF THE CABINET LINE-UPS.
8. AFTER HEX NUTS ARE TIGHTENED, AND BEFORE BOLTING STANCHION TO CABLE RACK, EACH STANCHION MUST BE CHECKED FOR ABSENCE OF BUILDING GROUND.
9. WHEN AN ANCHOR IS TO BE INSTALLED, IT SHALL BE LOCATED IN THE PREFERRED LOCATION INDICATED 1 (SEE FIG. 4). IF INTERFERENCE OCCURS DURING INSTALLATION, ALTERNATE LOCATION 2 SHALL BE SELECTED.
10. WHEN INSTALLING STANCHION COVER, INSTALLER SHALL CUT GROMMET INTO FOUR PIECES, (LENGTH AS REQUIRED) TO FIT ALONG BOTTOM EDGES; AND WHEN INSTALLED PROPERLY SHOULD NOT ALLOW COVER TO CONTACT FLOOR AT ANY POINT. IT IS NOT POSSIBLE OR REQUIRED TO HAVE GROMMET GO AROUND CORNERS OF COVER.

SEE PROPRIETARY NOTICE ON SHEET ONE

SESS SWITCHING EQUIPMENT
HARDWARE FOR INSTALLING
CABLE RACK SUPPORT STANCHION

RT99

DWG. SIZE
C2

ISSUE
7

SHEET D1

OF

AT&T

ED50511-12

PRINTED IN U.S.A.

ED50511-12