

7. SPECIAL CONFINING REINFORCEMENT IN COLUMN SHALL BE PROVIDED AT SPACING NOT EXCEEDING $\frac{1}{4}$ OF THE LEAST LATERAL DIMENSION OF THE COLUMN, BUT NOT LESS THAN 75 MM NOR MORE THAN 100 MM C/C OVER A LENGTH l_0 FORM EACH JOINT FACE TOWARDS MIDSPAN. THE LENGTH l_0 SHALL NOT BE LESS THAN (a) LARGER LATERAL DIMENSION OF COLUMN (b) $\frac{1}{6}$ OF CLEAR OF COLUMN (c) 450 MM (FIG-4)

8. SPECIAL CONFINING REINFORCEMENT AS REQUIRED AT THE END OF COLUMN SHALL BE PROVIDED THROUGH THE JOINTS AS WELL UNLESS THE JOINT WHICH HAS BEAMS FRAMING INTO ALL FOUR VERTICAL FACES OF THE COLUMN AND WHERE EACH BEAM WIDTH IS AT LEAST $\frac{3}{4}$ OF COLUMN WIDTH, THE SPACING OF THE CONFINING REINFORCEMENT MAY BE REDUCED TO HALF BUT NOT LESS THAN 150 MM C/C

9. WHEN A COLUMN TERMINATES INTO A FOOTING OR MAT, SPECIAL CONFINING REINFORCEMENT SHALL EXTEND AT LEAST 300 MM INTO THE FOOTING OR MAT (FIG.5)

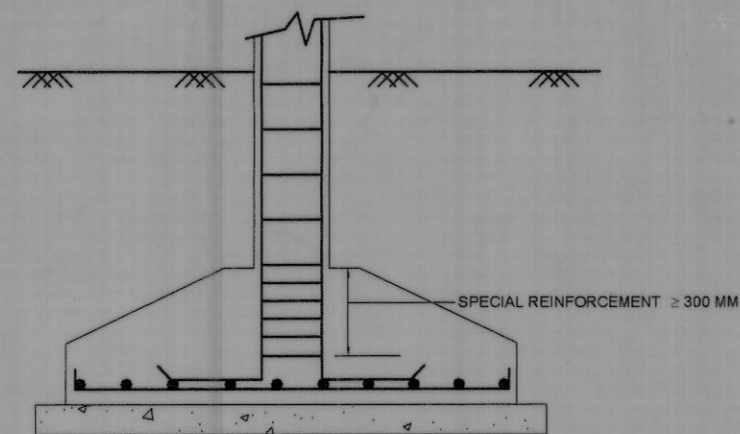


FIG 5 COLUMN AND JOINT DETAILING

SNO.	DATE	DESCRIPTION	T.O. INITIAL	SO-I
REVISIONS				
DATE	31-3-06	CHIEF ENGINEER JALANDHAR ZONE		
DRN	RENUKA			
TCD				
CKD	Kamaljit S			
SCALE	AS SHOWN			
SHT. SIZE	A3	SEISMIC PROVISIONS		
 (DEVI SINGH) TECH. OFFICER AAD (ARCH)		SEISMIC STRENGTHENING MEASURES IN MASONRY BUILDINGS		
 (YOGESH K SINGHAL) SE DIRECTOR (DESIGN) FOR CHIEF ENGINEER		DRG. NO.	SHEET NO.	
			8/8	
		DRG NO CEJZ / STD-216 / 06		