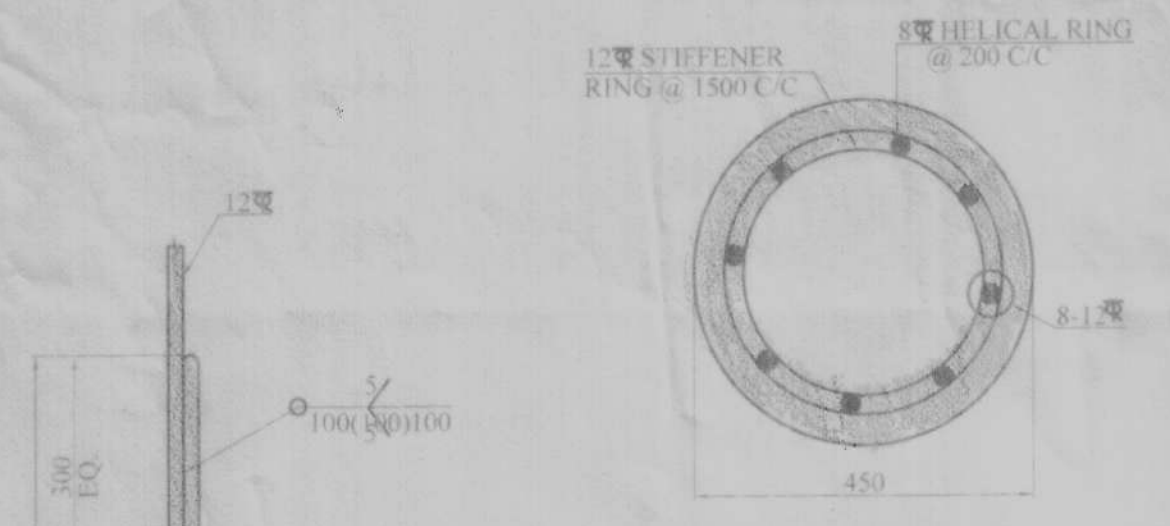
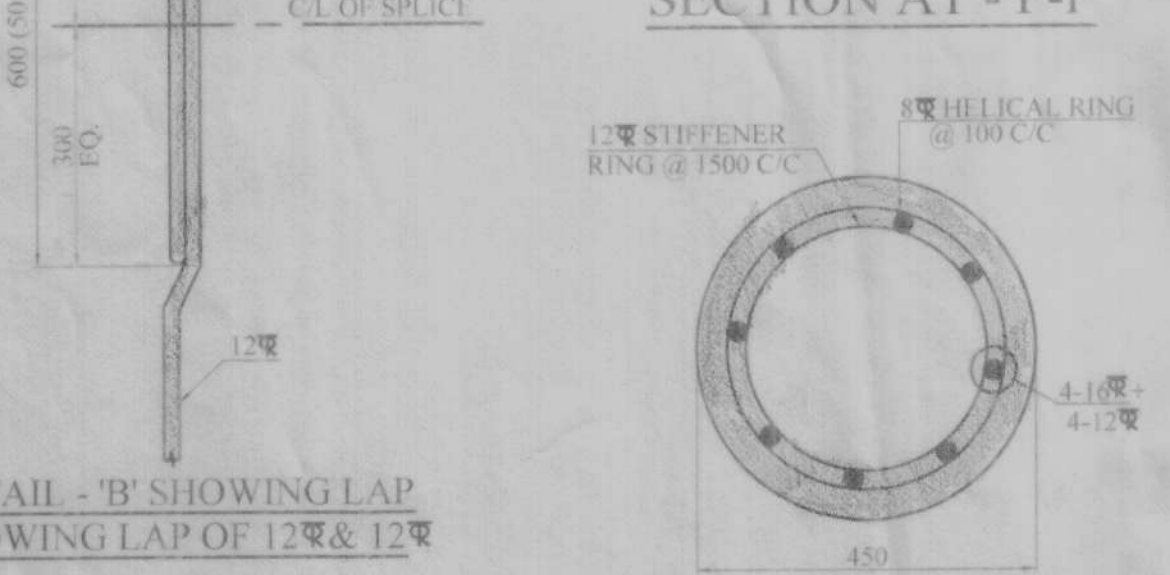


DETAILS OF COLUMN SECTION						
COL. MKD.	COLUMN SIZE	FOUNDATION TO PEDASTAL TOP	PEDASTAL TOP TO 2ND FL. LEV.	2ND FL.	3RD FL.	LINKS
C1,C2,C3, C3.C.S.C.R.	300X450	8-16 @ 400	8-16 @ 300	8-16 @ 300	4-16 @ 400 4-12 @ 300	8 @ 75/175 C/C FOR ALL VERT. BAR.
C3.C.	300X450	10-16 @ 400	10-16 @ 300	8-16 @ 300	10-16 @ 300	8 @ 75/175 C/C 3 PER SET

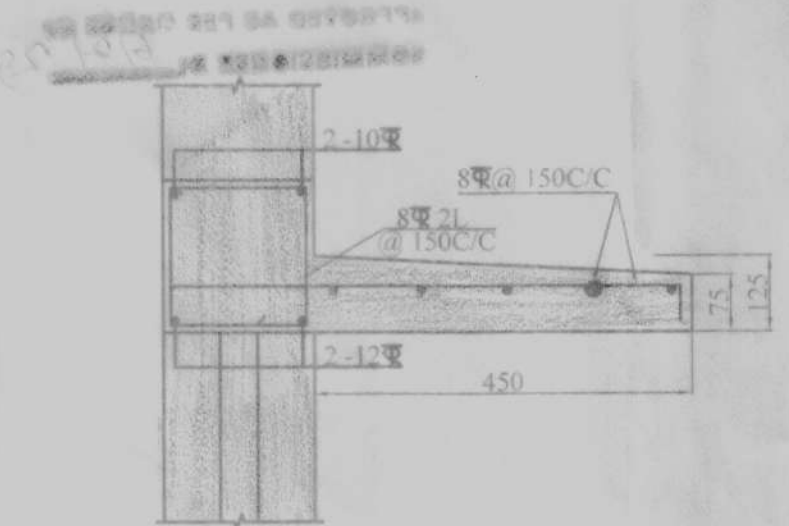


SECTION AT - P-P

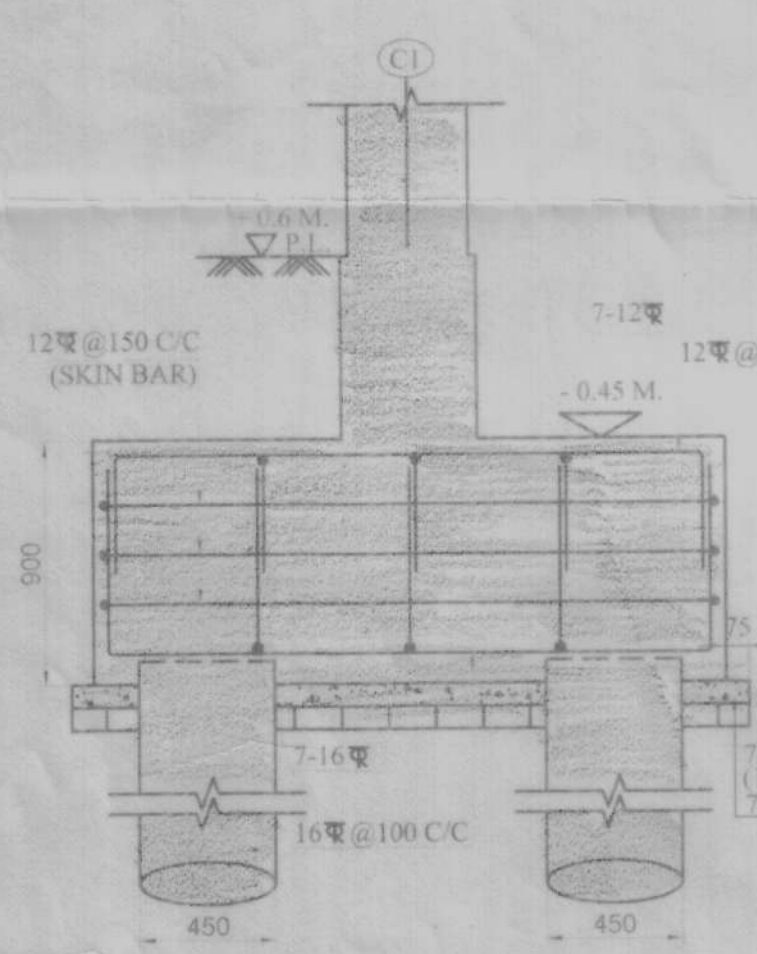


SECTION AT - Q-Q

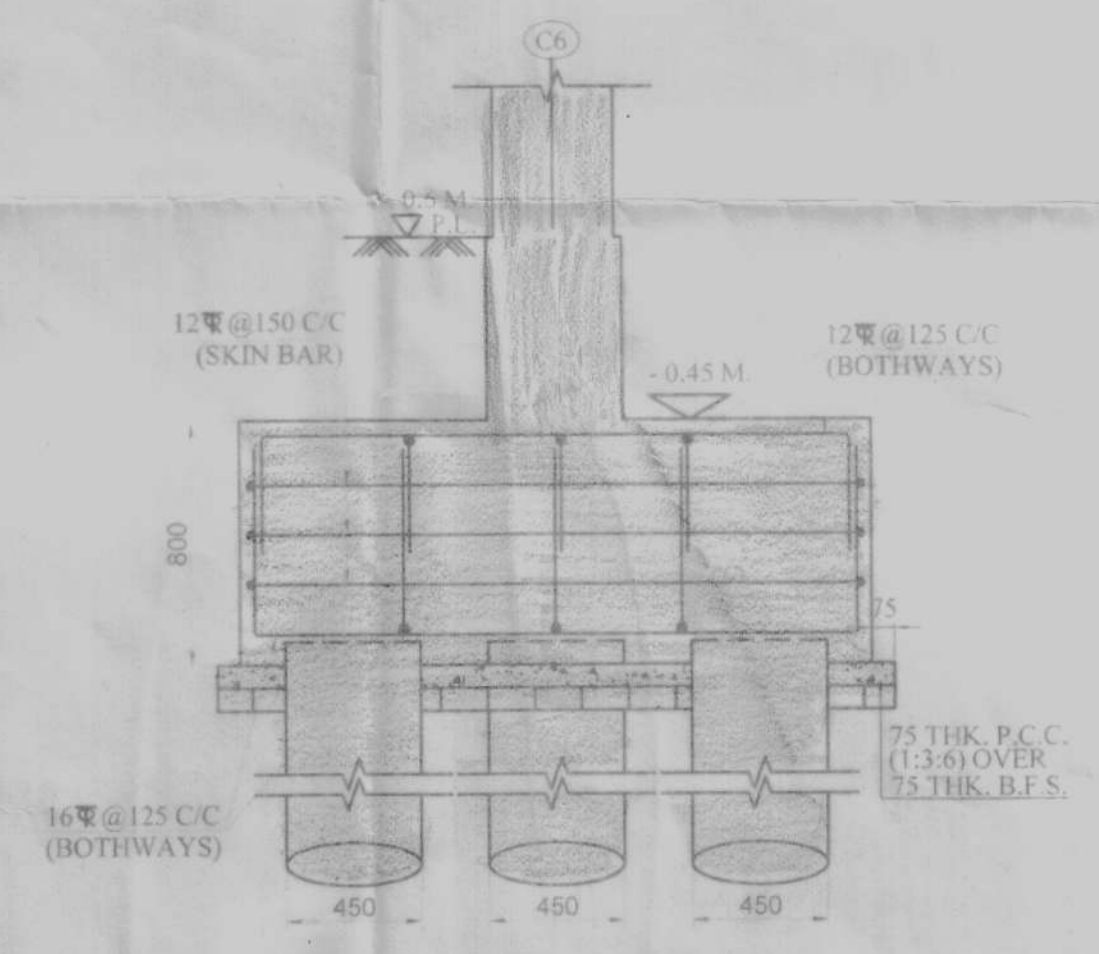
DETAIL - 'B' SHOWING LAP SHOWING LAP OF 12 & 12



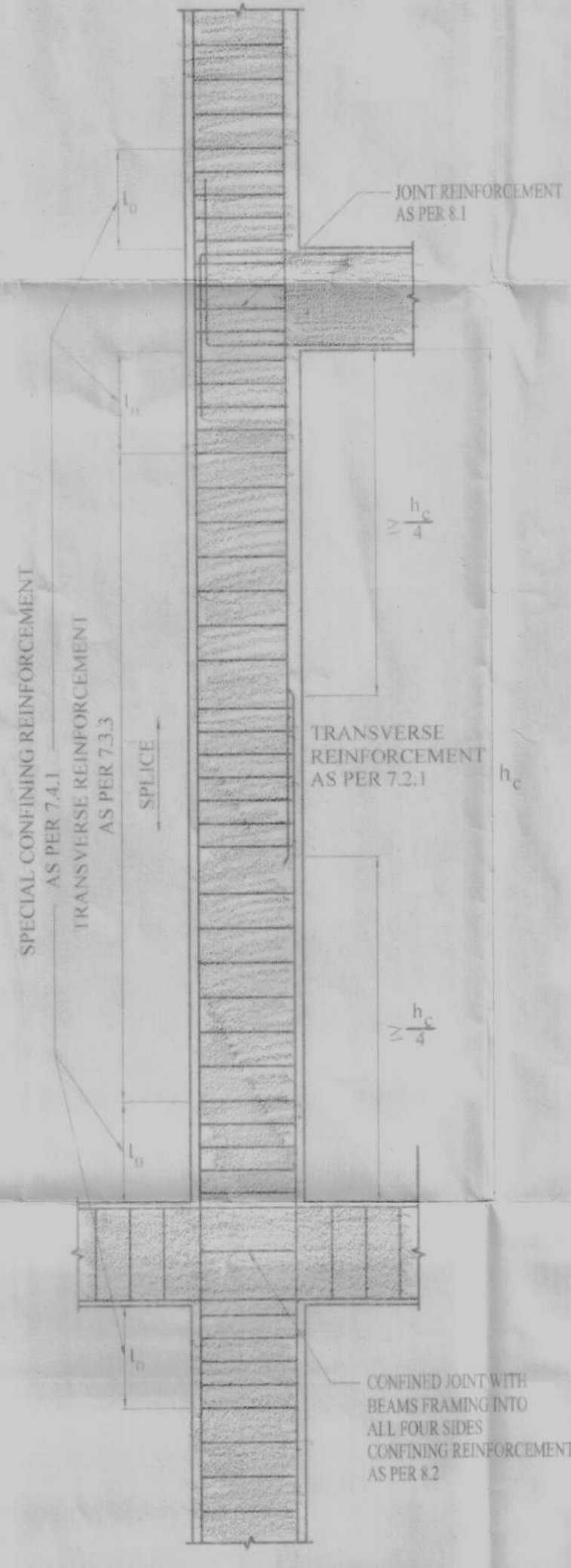
TYPICAL DETAIL OF CHAJJA



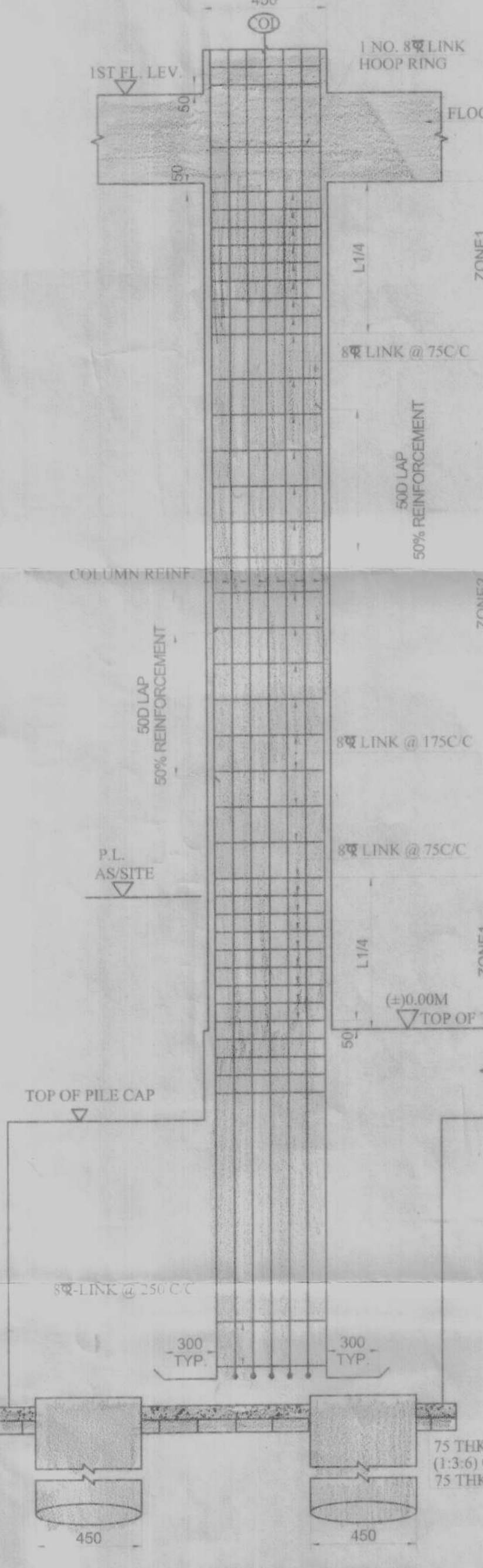
SECTION AT A-A SCALE-1:25



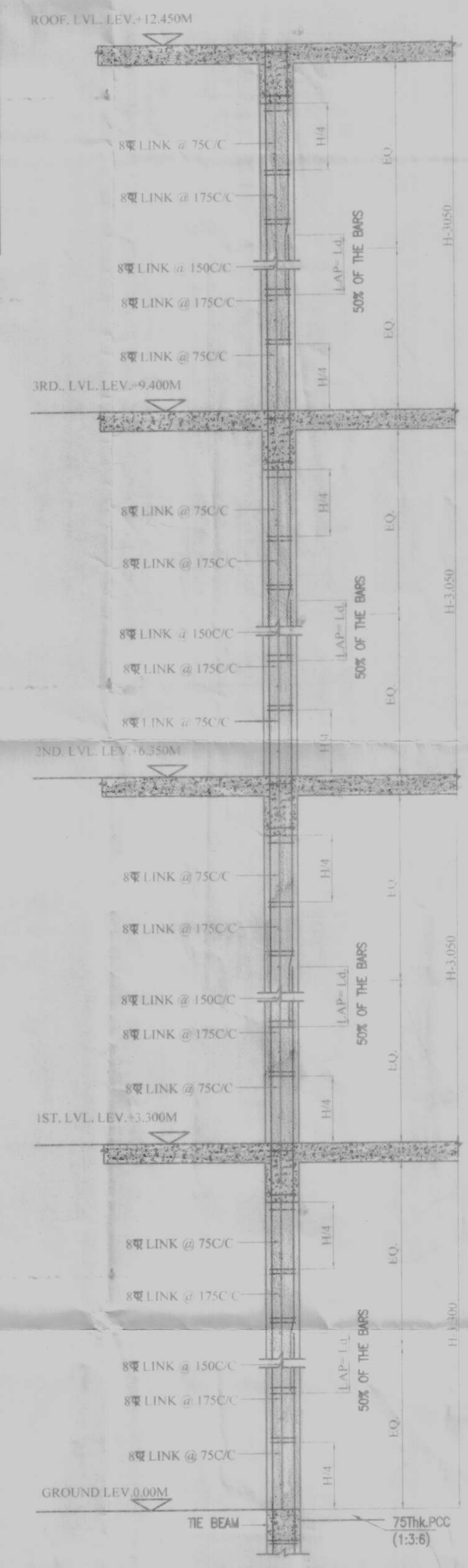
SECTION AT B-B SCALE-1:25



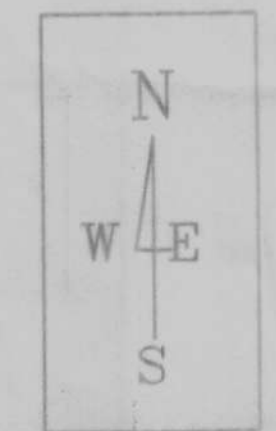
COLUMN AND JOINT DETAILING AS PER CODE 13920.



TYP. LONGITUDINAL SECTION OF COLUMN



DET. OF TYPICAL COLUMN SECTION SCALE-1:25



- CURTAILMENT RULE FOR COLUMN MAIN BAR:-**
- 1) NOT MORE THAN 50% BAR TO CURTAIL AT THE SAME LEVEL.
 - 2) NO CURTILMENT OF COLUMN BAR AT BEAM COLUMN JUNCTION.
 - 3) CURTILMENT SHALL BE DONE IN SYMMETRIC AND STAGGERED MANNER.
 - 4) CONFINING REINFORCEMENT SHALL BE CONTAINED FOR THE ENTIRE LAP ZONE.
 - 5) "h" SHALL BE MAXIMUM OF :-
 - i) LARGEST LATERAL DAMNATION OF COLUMN SECTION
 - ii) H/4
 - iii) 450 MM
 - 6) AT LEAST HALF OF SPECIAL CONFINING REINF. PROVIDED AT TWO ENDS OF THE COLUMN SHALL BE PROVIDED AT THIS BEAM COLUMN JUNCTION.

- NOTES:-**
1. ALL DIMENSIONS ARE IN MILLIMETERS.
 2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 3. ROAD CREST LEVEL IS TAKEN AS +0.00 LEV.
 4. CLEAR COVER TO MAIN REINFORCEMENT:-
 - a) FOUNDATION- 50 MM.
 - b) COLUMN- 40 MM.
 - c) THE BEAM- 50 MM.
 - d) SLAB- 20 MM.
 - e) BEAM- 25 MM.
 - f) D = DIA OF BAR.
 5. LAP ANCHORAGE LENGTH SHOULD BE GENERALLY 50D.
 6. INDICATES COLD TWISTED DEFORMED BAR AS PER IS 1786.
 7. GRADE OF CONCRETE - M-20.
 8. GRADE OF STEEL - S-20.
 9. READ THIS DRAWING IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING.
 10. ALL SORTS OF PRE CAUTIONARY MEASURES WILL BE TAKEN AT THE TIME OF CONSTRUCTION.

PROPOSED PLAN OF (G+3) FOUR STORIED RESIDENTIAL FLAT BUILDING OF HOLDING NO-73/3, BANGAL PARA 2ND BYE LANE, BOROUGH-VI, UNDER H.M.C WARD NO-41, R.S. DAG NO-70 & 71, L.R. DAG NO.-70 & 71 L.R. KH. NO.-175, MOUZA- SHIBPUR (SHEET NO-82), J.L. NO.-1, P.S.- SHIBPUR(CLD), A.J.C. BOSE B GARDEN POLICE STATION (NEW), DIST-HOWRAH, PIN-711109.

THE PLOT IS BUTTED & BOUNDED BY BOUNDARY WALL BOUNDARY MEASUREMENT MORE OR LESS & DRESS WITH REGD. DEED REFERENCE OF DECLARATION ATTACHED WITH THE CASE FILE THE CHARACTER OF THE ROAD IS A H.M.C. ROAD. I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN BY ME AS PER PROVISION OF H.M.C. BUILDING RULES OVER AS SET FORTH TO H.M.C. MEMBERS MET ANDS AMENDED TIME TO TIME AND THE SITE CONDITION INCLUDING THE WIDTH OF THE ADJUTING ROAD CONFORM WITH THE H.M.C. SURVEY AND THAT IT IS BUILDABLE SITE AND NOT A TANK OR FILLED UP TANK. WE DO HEREBY DECLARE THAT WE SHALL PROVIDED NECESSARY PLANTATION AS PER SANCTION PLAN AND WE SHALL MAINTAIN THE SAID PLANTATION AT OUR OWN COST IN FUTURE.

Ar. Mintu Paul
Ar. Mintu Paul
 Cert. Regd. Architect (India)
 I.B.A. No. CA/2002/29737
 5 Duffryn, Andul, Howrah - 711302
 SIGNATURE OF I.B.S./I.B.A.

Mr. Sukhendu B. Mishra
SUKHEDU BIKASH MISHRA
 Being Represented by his
 Constituted Power of Attorney
 SIG. OF APPLICANTS.

CERTIFICATE OF ST. ENG.
 I CERTIFY WITH FULL RESPONSIBILITY THAT THE FOUNDATION AND SUPERSTRUCTURE OF THE BUILDING HAS BEEN DESIGNED BY ME AS PER PROVISION OF H.M.C. BUILDING RULES OVER AS SET FORTH TO H.M.C. MEMBERS MET ANDS AMENDED TIME TO TIME AND THE SITE CONDITION INCLUDING THE BEARING CAPACITY AND SETTLEMENT OF SOIL AND CERTIFY THAT THE BUILDING IS SAFE AND STABLE IN ALL RESPECT.

Manoj Kumar Jaishwal
MANOJ KUMAR JAISHWAL
 E. S. E. (CLASS-I) No.-01
 Howrah Municipal Corporation



SIGNATURE OF ST. ENG.

SPACE FOR FIRE SEAL



Handwritten notes and illegible text in the upper right quadrant of the page.

PARTY'S COPY

Structural plan and design calculations...
Building Department
Hawaii Municipal Corporation

APPROVED AS THE ORDER OF
COMMISSIONERS OF
6/26/79

Handwritten initials or mark.

