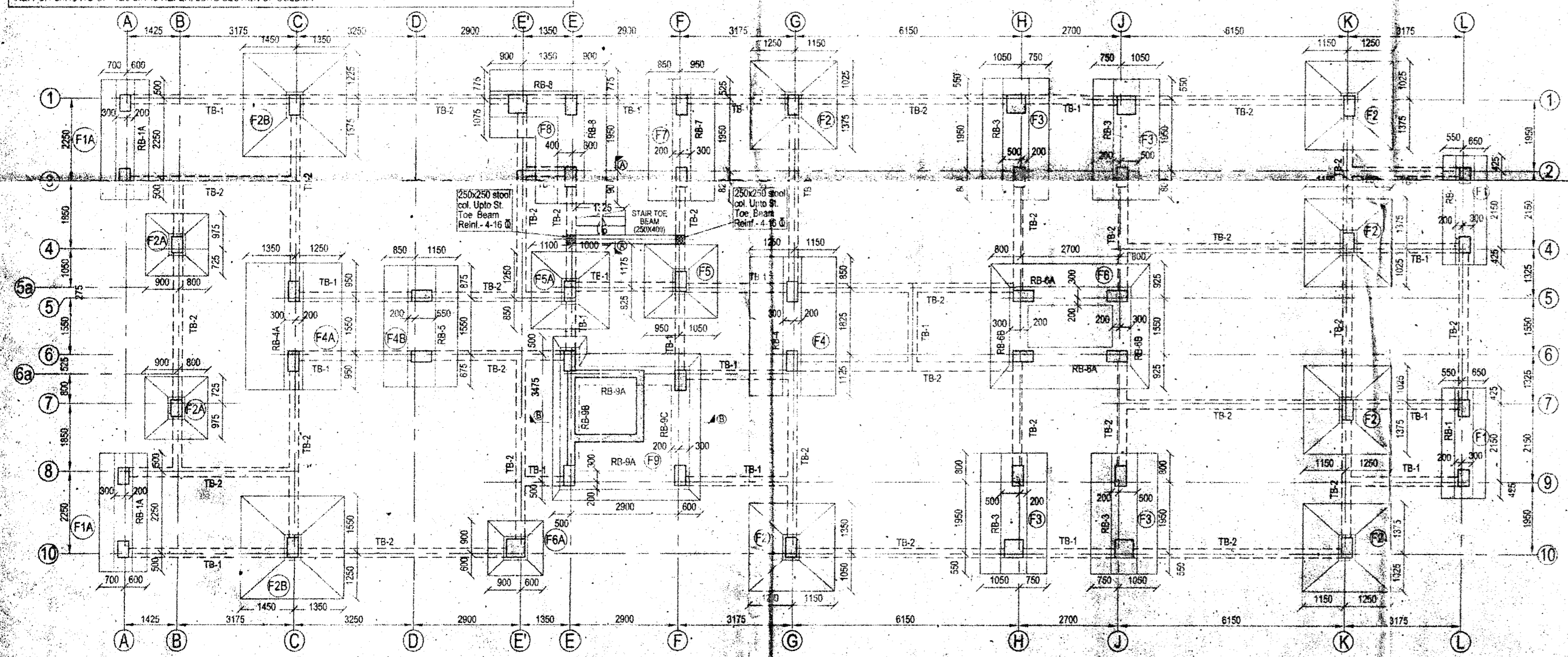


COL. MKD.	1ST FL. LVL. TO 2ND FL. LVL.	2ND FL. LVL. TO 4TH FL. LVL.	4TH FL. LVL. TO END.	REMARKS
A1.A3, B4.B7, L2.L4, L7.L9	10-16 $\phi$ s	8-12 $\phi$ s + 4-12 $\phi$ s (2 TIES PER SET)	10-12 $\phi$ s	
A3.A5, E9.F9	20-24 $\phi$ s	4-20 $\phi$ s + 6-16 $\phi$ s (2 TIES PER SET)	4-20 $\phi$ s + 6-16 $\phi$ s	
E1.E10, H1.H10, J1.J10	20-24 $\phi$ s	4-20 $\phi$ s + 6-16 $\phi$ s (2 TIES PER SET)	4-20 $\phi$ s + 6-16 $\phi$ s	COLUMN STOPS AT 1ST FLOOR LVL
G5.G6, H5.H8, J5.J8, K4.K7	12-20 $\phi$ s	12-20 $\phi$ s	6-20 $\phi$ s + 6-16 $\phi$ s	
H2.H8, J2.J8, K1.K10	25 $\phi$ s	25 $\phi$ s	20 $\phi$ s	
G5.G6, D5.D6	25 $\phi$ s	25 $\phi$ s	20 $\phi$ s	
C1.C10, G1.G10	25 $\phi$ s	25 $\phi$ s	20 $\phi$ s	
E1.F1	20 $\phi$ s	20 $\phi$ s	20 $\phi$ s	

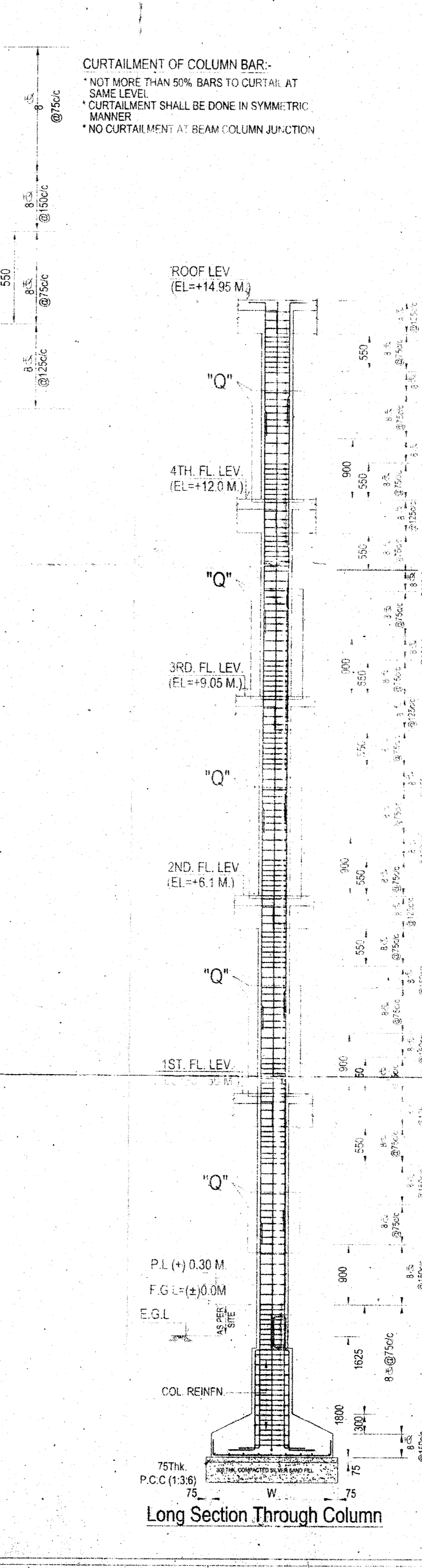
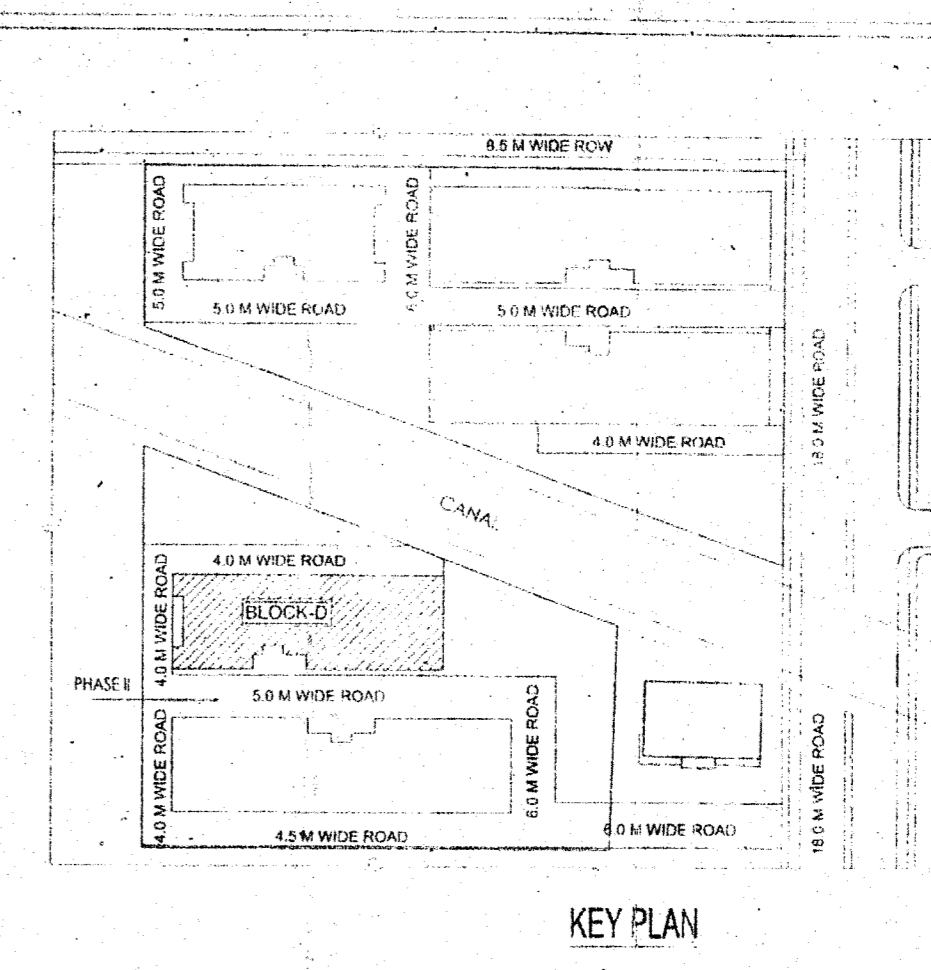
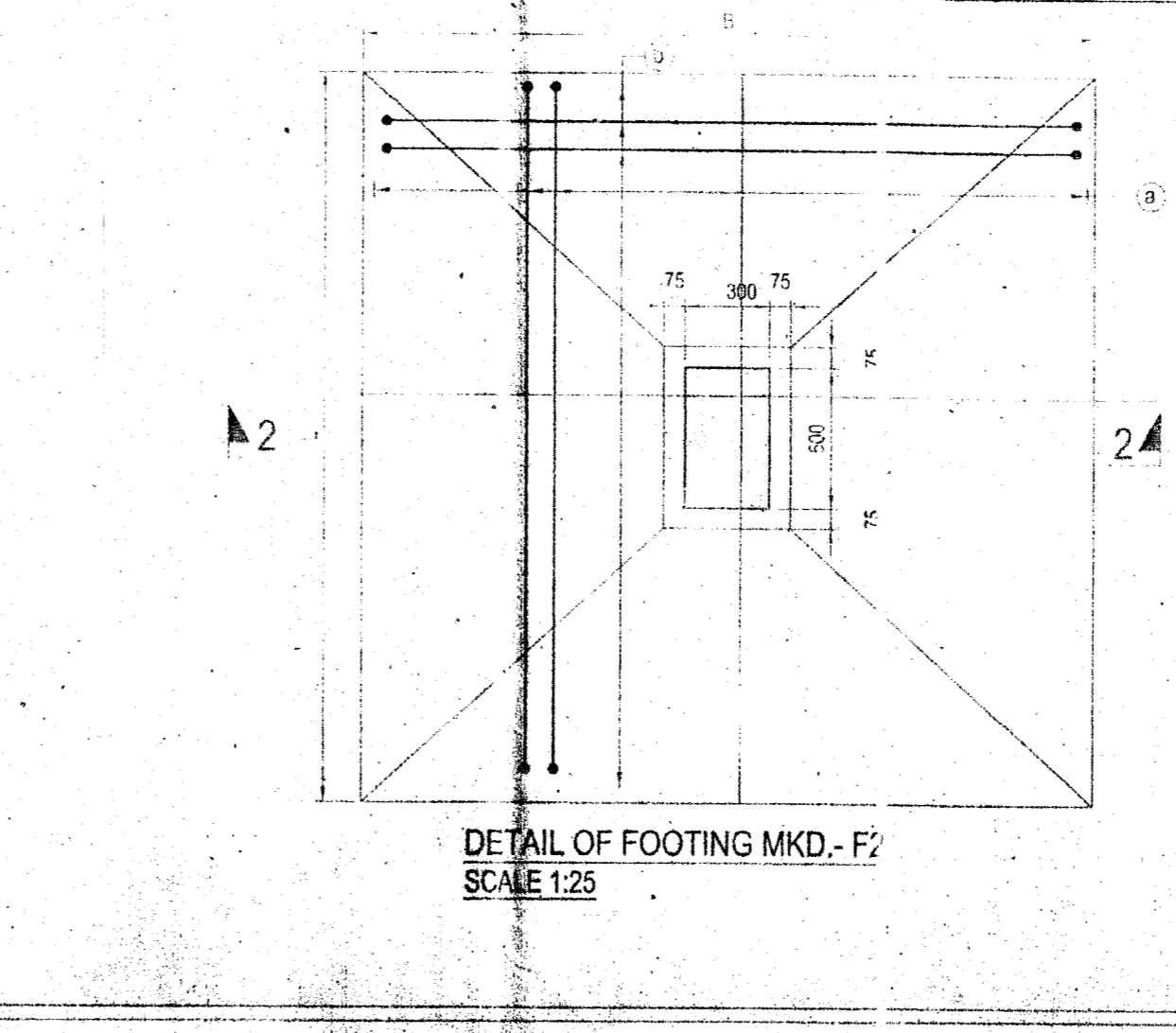
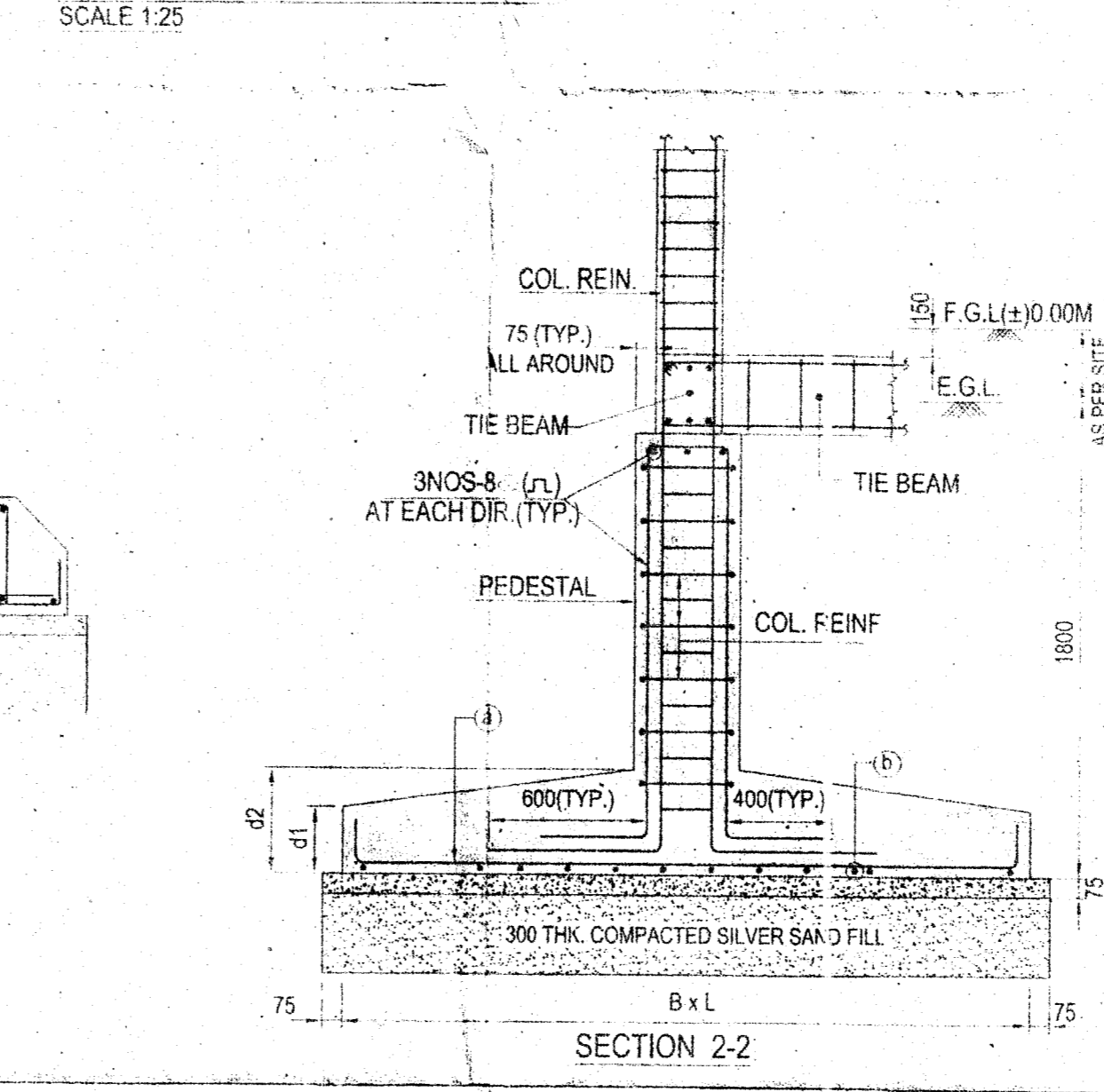
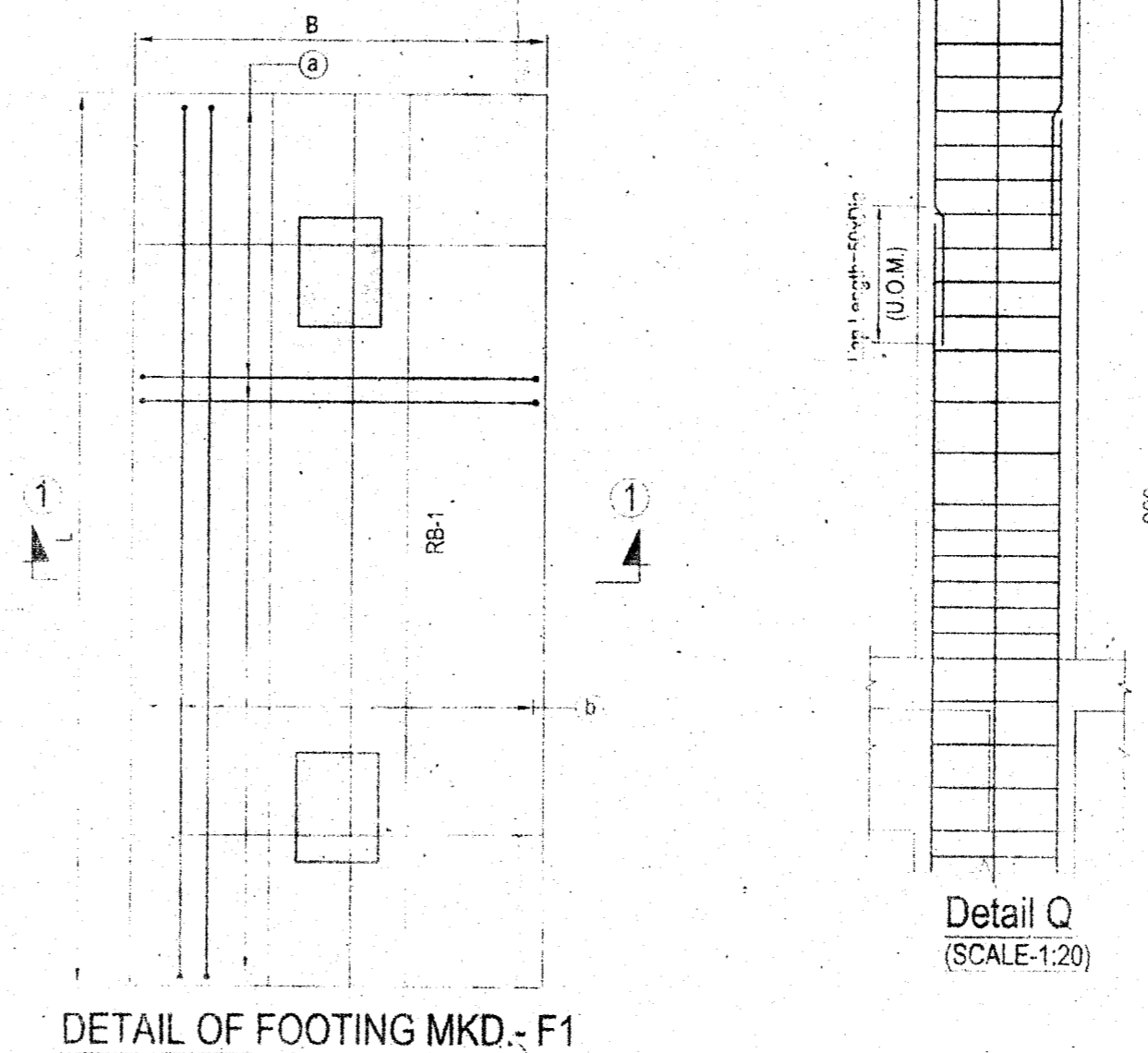
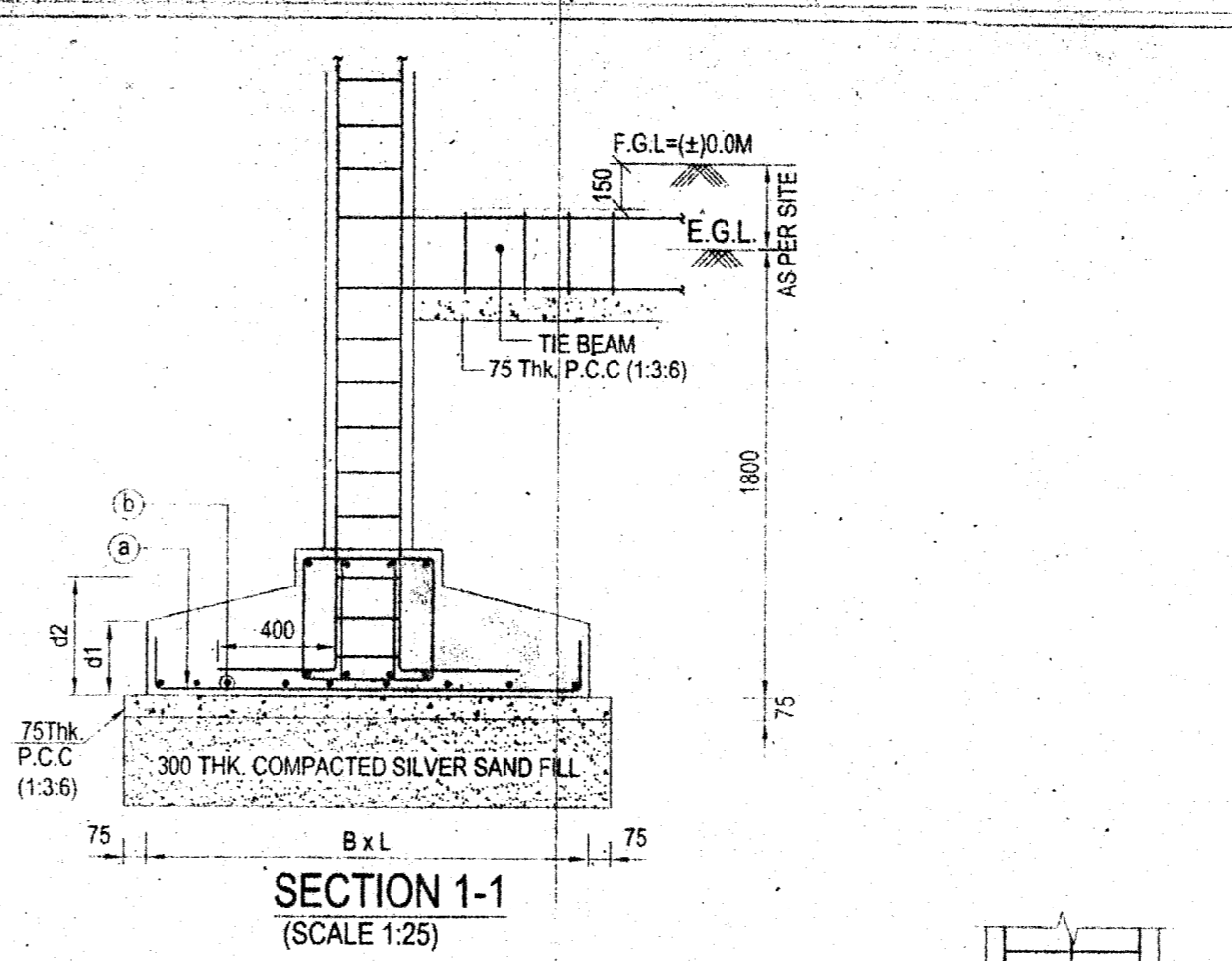
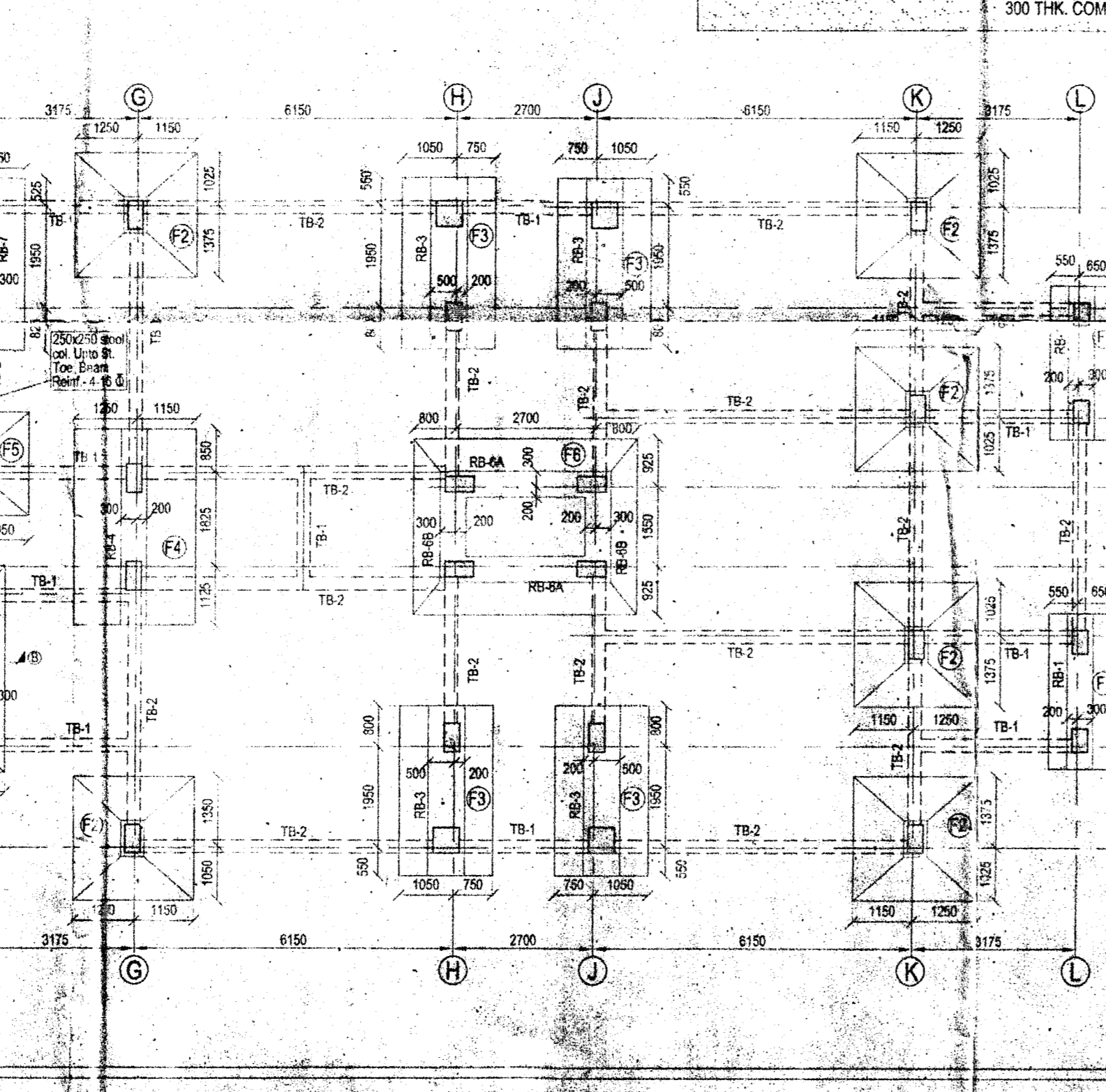
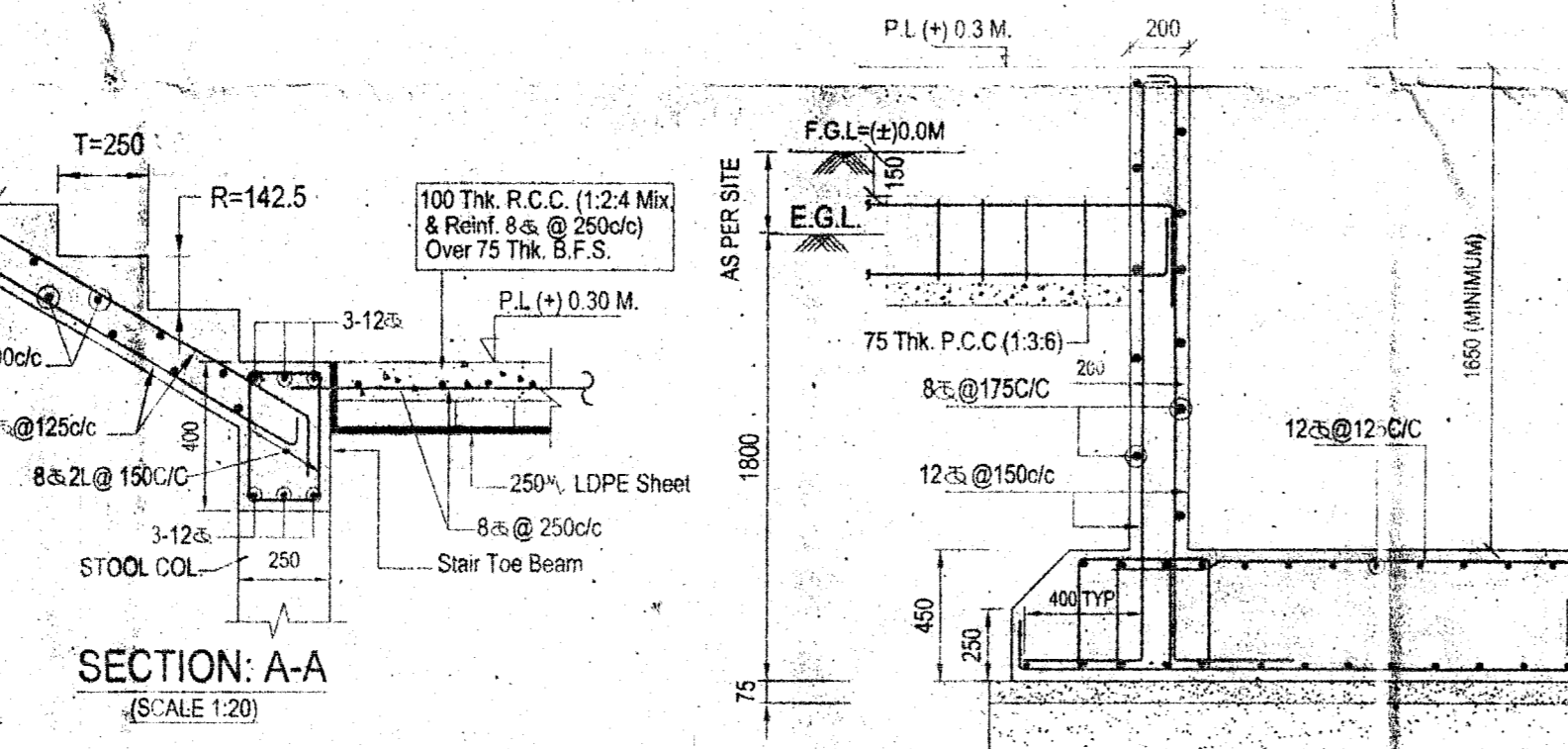
GRADE OF CONC. M25 IN ALL FLOORS  
 NB: FOR SPACING OF TIES LINES REFER LONG SECTION OF COLUMN



FOUNDATION LAYOUT PLAN  
 SCALE: 1:100

FDN MKD.	COLS ATTACHED	SIZE (LxB) (MMxMM)	THICKNESS (mm)	REINFORCEMENT	REMARKS
F1	L2,L4,L7,L9	1200X3000	300	475	10 $\phi$ @150 C/C
F1A	A1,A3,A8,A10	1300X3250	300	475	10 $\phi$ @150 C/C
F2	K1,K4,K7,K10, G1,G10, B4,B7	2400X2400	400	650	12 $\phi$ @125 C/C
F2A	C1,C10	1700X1700	300	600	10 $\phi$ @125 C/C
F2B	C1,C10	2800X2800	400	650	12 $\phi$ @110 C/C
F3	H1,H2,H9,H10, J1,J2,J9,J10	1800X3300	350	600	12 $\phi$ @150 C/C
F4	G5,G6	2400X3800	400	650	12 $\phi$ @150 C/C
F4A	C5,C6	2600X3450	400	650	12 $\phi$ @150 C/C
F4B	D5,D6	2000X3300	400	650	12 $\phi$ @150 C/C
F5	F5a	2000X2000	400	600	12 $\phi$ @150 C/C
F5A	E5	2100X2100	400	600	12 $\phi$ @150 C/C
F6	H5,H6,J5,J6	4300X3400	400	650	12 $\phi$ @125 C/C (BOTTOM)
F6A	E10	1500X1500	300	600	10 $\phi$ @125 C/C
F7	F1,F2	1800X3300	350	600	12 $\phi$ @150 C/C
F8	E1,E1,E2	AS SHOWN IN PLAN	400	650	12 $\phi$ @150 C/C
F9	E6,E9,F8,F9,LIFT	AS SHOWN IN PLAN	250	450	16 $\phi$ @125 C/C (BOTTOM)

BEAM MKD.	SIZE (mmxmm)	REINF. AT SUPPORT	REINF. AT SPAN	REMARKS
TB-1	250X500	3-12 $\phi$ s	3-12 $\phi$ s	TIE BEAM
TB-2	250X800	2-16 $\phi$ s + 1-12 $\phi$ s	2-16 $\phi$ s + 1-12 $\phi$ s	TIE BEAM
RB-1 RB-1A, RB-6A, RB-6B	500X650	4-16 $\phi$ s	4-16 $\phi$ s	RIB BEAM
RB-9A, RB-9B, RB-9C	500X450	4-16 $\phi$ s	4-16 $\phi$ s	RIB BEAM
RB-3	700X600	5-16 $\phi$ s	5-16 $\phi$ s	RIB BEAM
RB-8	700X650	5-16 $\phi$ s	5-16 $\phi$ s	RIB BEAM
RB-5	750X650	2-20 $\phi$ s + 4-16 $\phi$ s	2-20 $\phi$ s + 4-16 $\phi$ s	RIB BEAM
RB-4, RB-4A	500X650	4-20 $\phi$ s	4-20 $\phi$ s	RIB BEAM
RB-7	500X800	4-16 $\phi$ s	4-16 $\phi$ s	RIB BEAM



PROJECT:  
 PROPOSED PLAN OF G+IV RESIDENTIAL DEVELOPMENT AT KANCHANJANGA INTEGRATED INDUSTRIAL TOWNSHIP AT JALPAIGURI.

TITLE:  
 FOUNDATION LAYOUT PLAN, LONG SECTION THROUGH COLUMN, SCHEDULES & SECTIONS, (BLOCK-D)

NOTES:-

- ALL DIMENSIONS ARE IN MM. U.O.M
- DIMENSION ARE TO READ ONLY NOT TO BE SCALED
- BEARING CAPACITY OF SOIL - AS PER SOIL TEST REPORT
- F.G.L. SHALL BE CONSIDERED AS (+0.00) M. LEVEL AS FIXED AT SITE
- THE FOUNDATION FOR THE BUILDING HAS BEEN DESIGNED CONSIDERING FOUR (4) STOREY INCLUDING THE GROUND FLOOR.
- CLEAR COVER TO MAIN REINFORCEMENT FOR:-
  - a) COL = 40MM
  - b) FDN & FDN BEAM = 50mm
  - c) Slab - i) Top & bottom = 20mm. ii) End = 25mm.
  - d) Floor beam = 30mm.
- GRADE OF CONCRETE - M25 DESIGN MIX & WATER CEMENT RATIO SHALL BE MAINTAINED WATER CEMENT RATIO SHALL BE MAINTAINED BETWEEN 0.39 TO 0.40 BY APPLYING SUPER PLASTICISER AS WATER REDUCING ADMIXER
- STEEL - Fe 550
- CEMENT SHALL BE EQUIVALENT TO 53
- STEEL CHAIRS AND SPACER BARS WHERE NECESSARY SHALL BE PROVIDED BETWEEN TWO LAYERS OF REINF.
- ANTI TERMITE TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES
- FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRAWING RELEVANT I.S. CODES ARE TO BE FOLLOWED

SIGNATURE OF OWNER:  
 AUTHORIZED SIGNATORY OF KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

SIGNATURE OF ARCHITECT:  
 THE STRUCTURAL DESIGN & DRAWINGS OF BOTH FOUNDATION & SUPERSTRUCTURE OF THE BUILDING HAS BEEN MADE BY CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOAD AS PER NATIONAL BUILDING CODE & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT (MOREOVER) SHALL BE HELD RESPONSIBLE FOR ANY STRUCTURE DAMAGE OR FAILURE IF HAPPENED DURING CONSTRUCTION PERIOD & THEREAFTER BEYOND THE DATE OF TAKING COMPLETION CERTIFICATE.

SIGNATURE OF STRUCTURAL ENGINEER:  
 CLIENT:  
 KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED

PRINCIPAL ARCHITECT CONSULTANT:  
 MAHESHWARI & ASSOCIATES  
 37A BAKER ROAD, 2ND FLOOR, ALIPORE, KOLKATA - 700027  
 Tel: 65334966, 65228584

STRUCTURAL CONSULTANT:  
 SINHA & ASSOCIATES  
 ENGINEERS & DESIGN CONSULTANTS  
 157, BINOBA BHAVE ROAD, KOL. - 700038  
 PH. NO. - 2407-4088  
 E-mail - sanda@ca2.vsnl.net.in

DATE: 28.12.2018  
 SCALE: 1:1000, 100, 50, 25, 20  
 DWG NO: S&A/KANCHANJANGA/CRPN/ST-301  
 REV-01