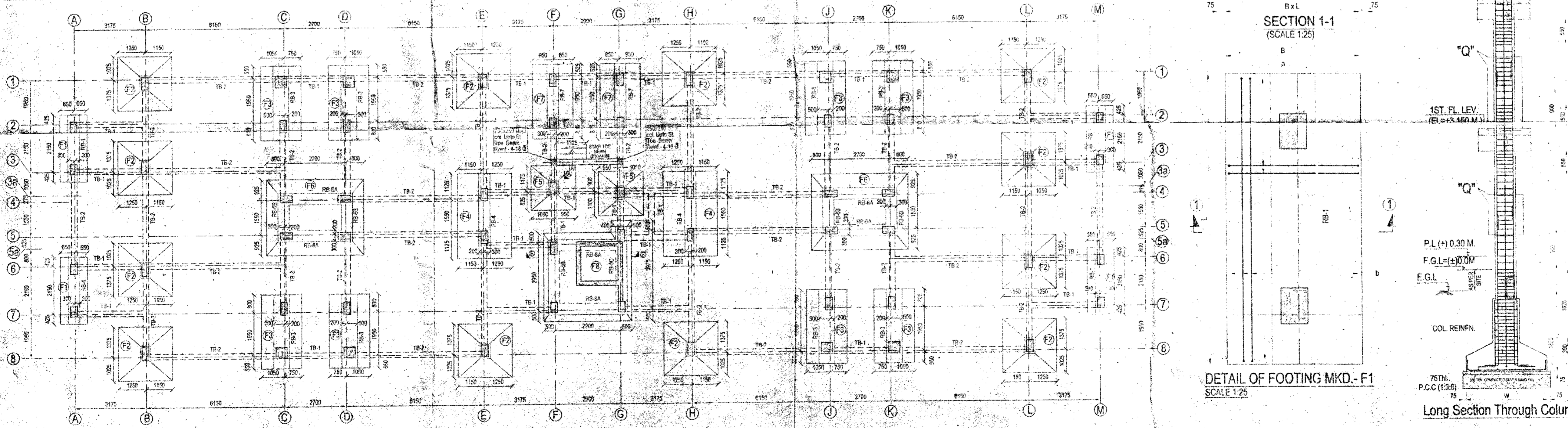
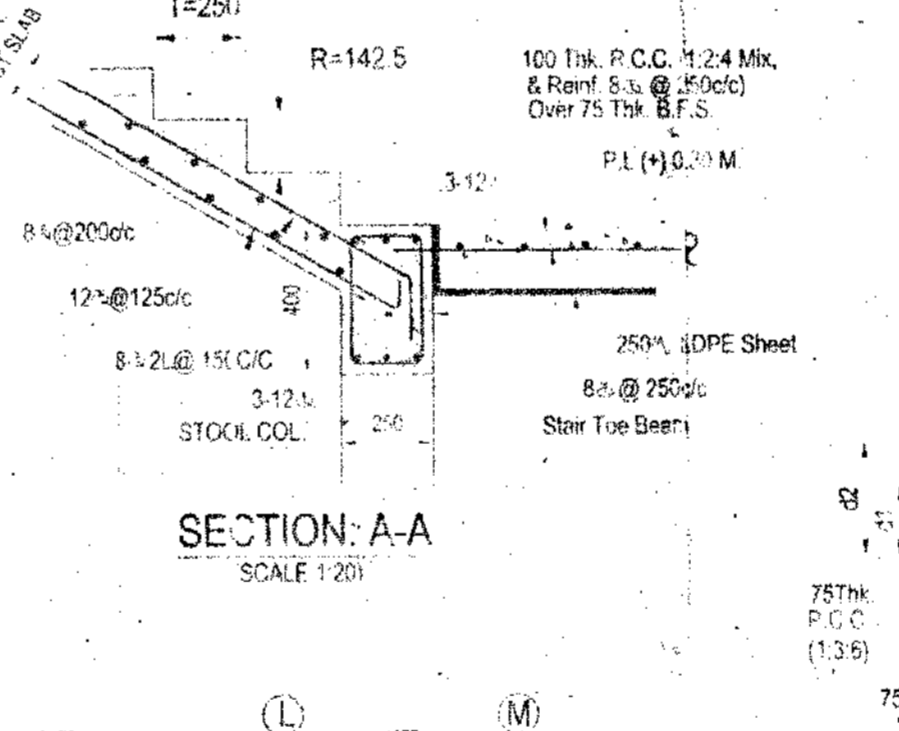
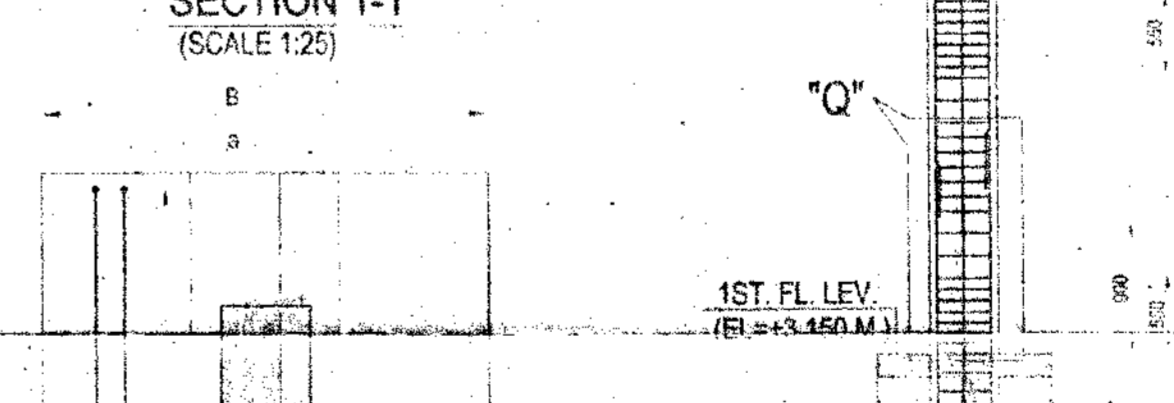
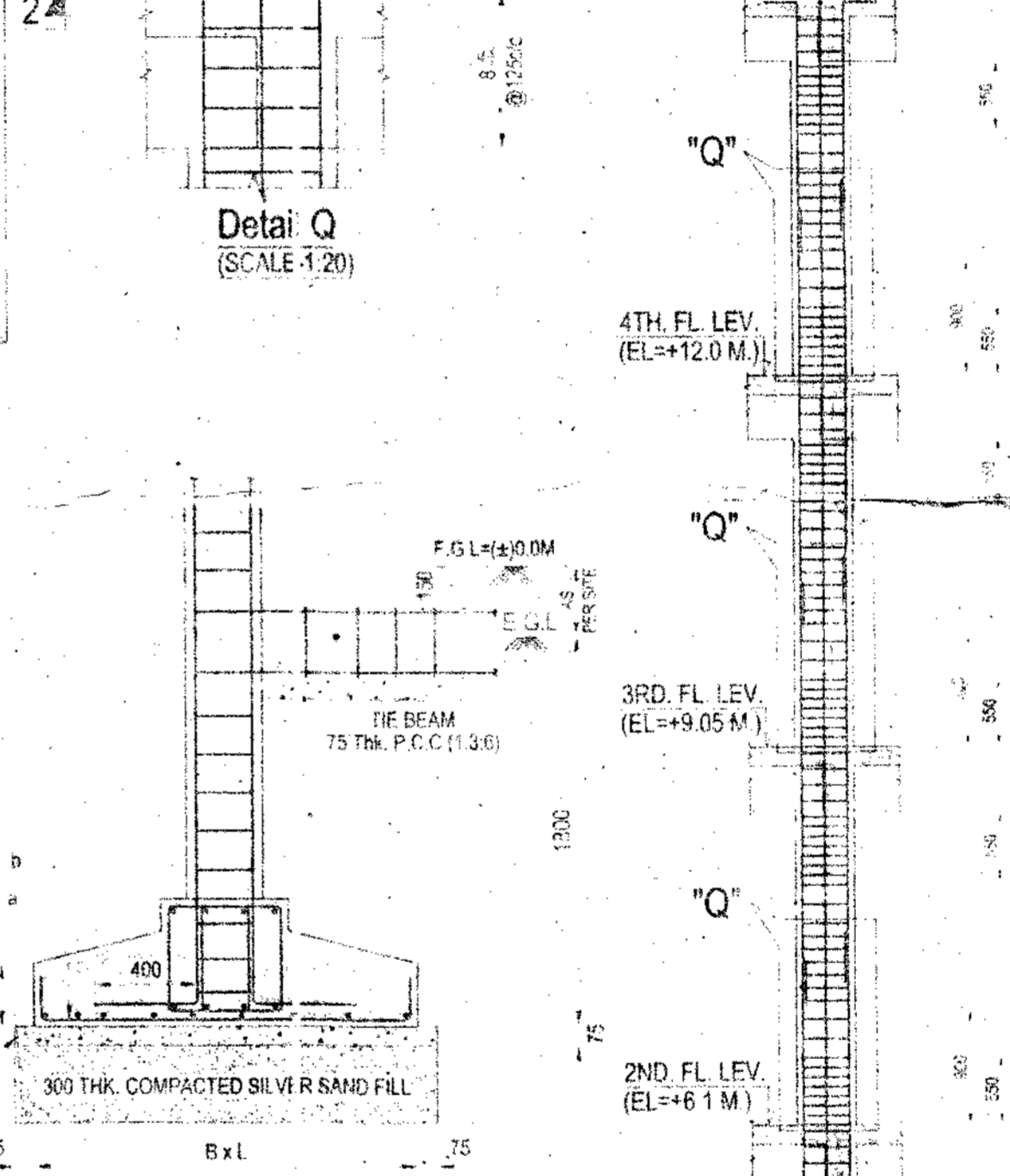
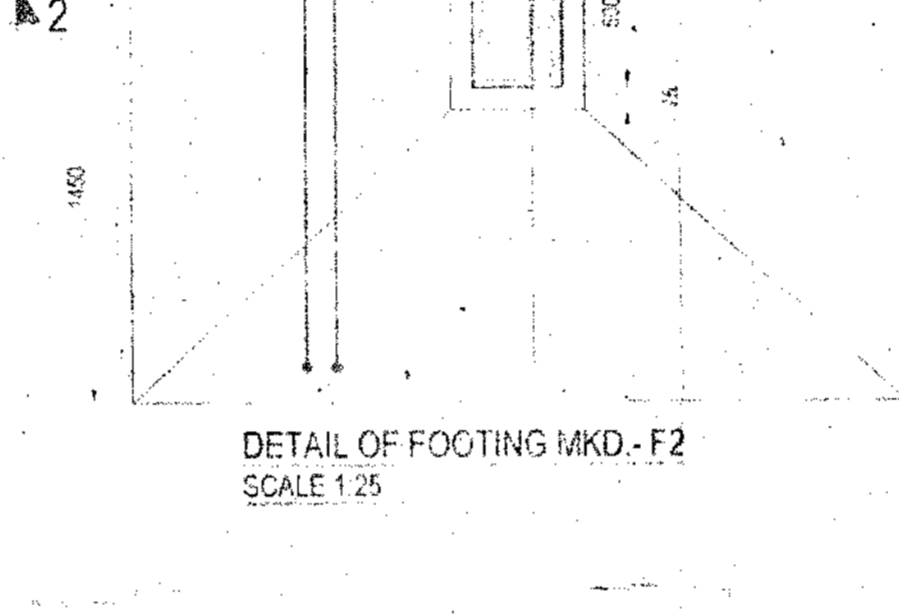
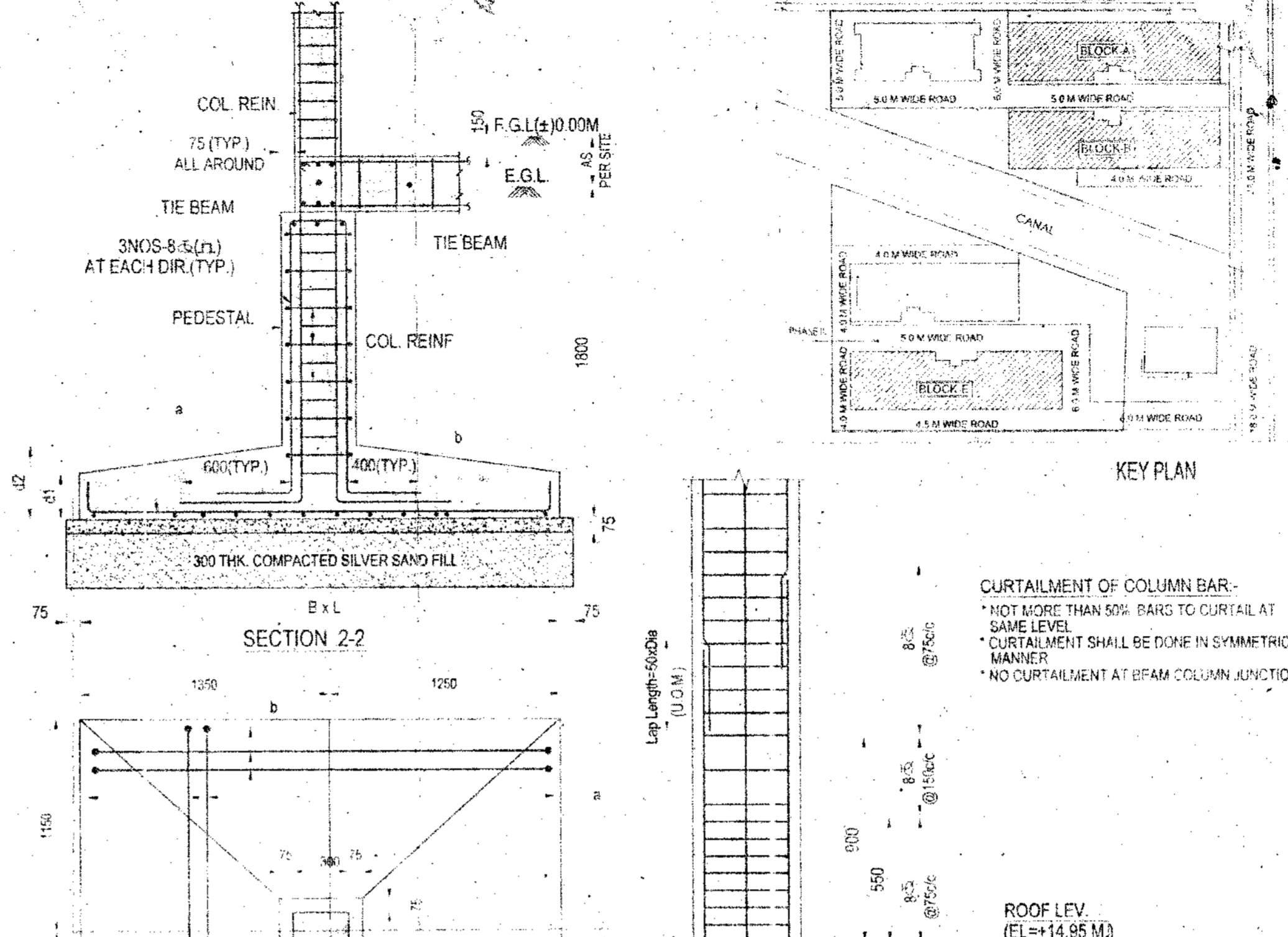
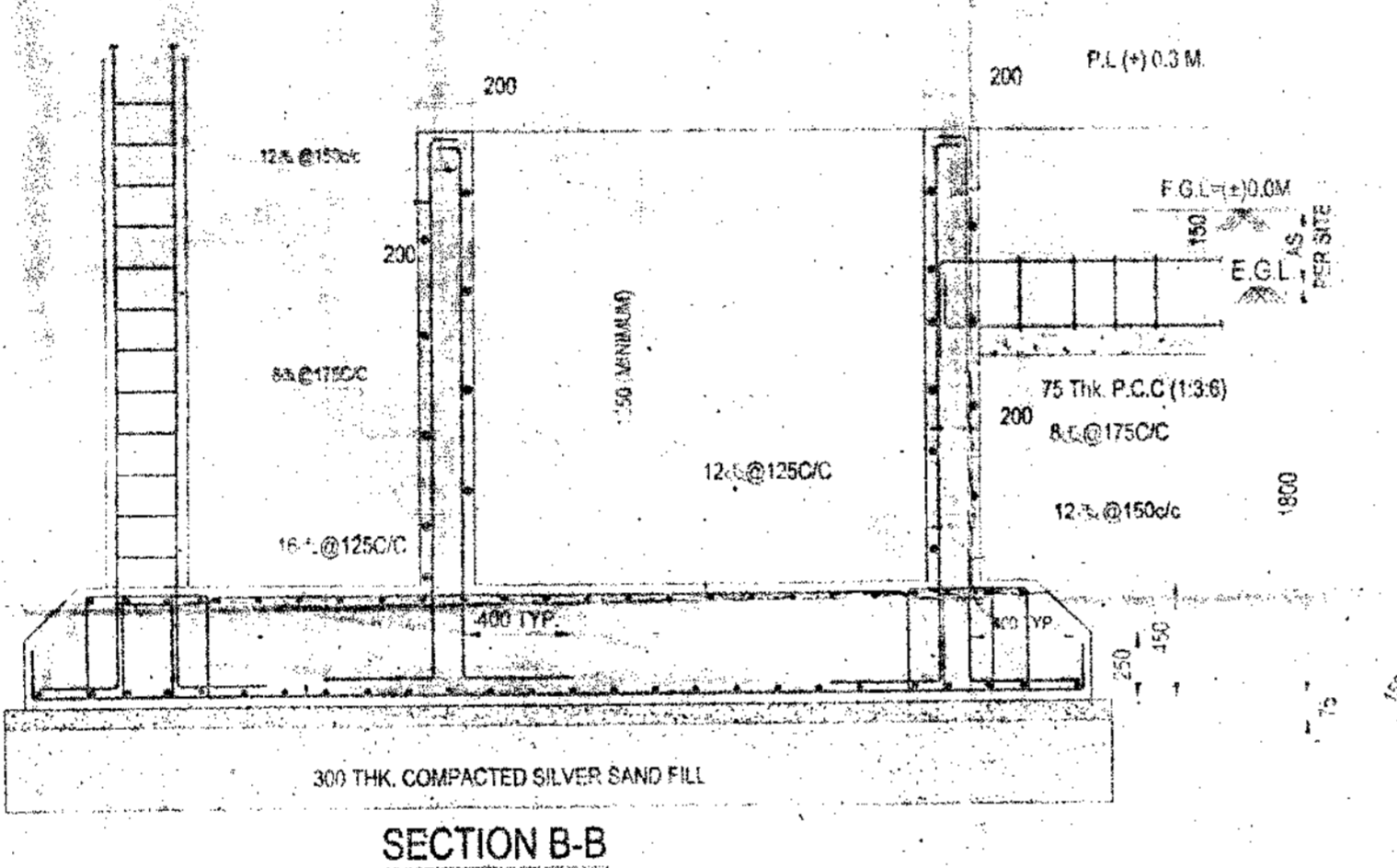


SCHEDULE OF FOUNDATION -

FDN MKD.	COLS. ATTACHED	SIZE (X,Y,Z)	THICKNESS (mm)		REINFORCEMENT		REMARKS
			d1	d2	SHORTER(a)	LONGER(b)	
F1	A2,A3,A6,A7 A12,A13,A16,M7	1200X3000	300	475	10@180 C/C	10@175 C/C	
F2	B1,B3,B5,B7,E1,E8 H1,H8,L1,L3,L6,L8	2400X2400	400	660	12@125 C/C	12@125 C/C	
F3	C1,C2,C7,C8,D1,D2 D7,D8,J1,J2,J7,K1,K2 K7,K9	1800X3300	350	600	12@150 C/C	10@175 C/C	
F4	E4,E5,H4,H5	2400X3800	470	650	12@150 C/C	8@200 C/C	
F5	F3,G4	2000X2000	400	600	12@150 C/C	12@150 C/C	
F6	C4,C5,D4,D5, J4,J5,K4,K5	4300X3400	400	650	12@125 C/C (BOTTOM) 12@150 C/C (TOP)	12@125 C/C (BOTTOM) 12@150 C/C (TOP)	
F7	F1,F2,G1,G2	1800X3300	350	600	12@150 C/C	10@175 C/C	
F8	G5,G7,F5,F7,L1,L7	AS SHOWN IN PLAN	280	450	18@125 C/C (BOTTOM) 12@125 C/C (TOP)	18@125 C/C (BOTTOM) 12@125 C/C (TOP)	

SCHEDULE OF BEAM -

BEAM MKD.	SIZE (mm x mm)	REINF. AT SUPPORT			REINF. AT SPAN			REMARKS
		TOP	BOT	STRPS	TOP	BOT	STRPS	
TB-1	250X500	3-12 ϕ	3-12 ϕ	8 ϕ 2L @ 150C/C	3-12 ϕ	3-12 ϕ	8 ϕ 2L @ 150C/C	TIE BEAM
TB-2	250X500	2-16 ϕ + 1-12 ϕ	2-16 ϕ + 1-12 ϕ	8 ϕ 2L @ 150C/C	2-16 ϕ + 1-12 ϕ	2-16 ϕ + 1-12 ϕ	8 ϕ 2L @ 175C/C	TIE BEAM
RB-1 RB-6A RB-6B	600X650	4-16 ϕ	4-16 ϕ	8 ϕ 4L @ 150C/C	4-16 ϕ	4-16 ϕ	8 ϕ 4L @ 150C/C	RIB BEAM
RB-3	700X650	5-16 ϕ	5-16 ϕ	8 ϕ 6L @ 150C/C	5-16 ϕ	5-16 ϕ	8 ϕ 6L @ 150C/C	RIB BEAM
RB-8A RB-8B RB-8C	500X450	4-16 ϕ	2-20 ϕ + 2-16 ϕ	8 ϕ 4L @ 150C/C	4-16 ϕ	2-20 ϕ + 2-16 ϕ	8 ϕ 4L @ 150C/C	RIB BEAM
RB-4	500X650	4-20 ϕ	3-20 ϕ + 3-18 ϕ	8 ϕ 6L @ 110C/C	4-20 ϕ	3-20 ϕ + 3-18 ϕ	8 ϕ 6L @ 150C/C	RIB BEAM
RB-7	600X600	4-16 ϕ	4-16 ϕ	8 ϕ 4L @ 150C/C	4-16 ϕ	4-16 ϕ	8 ϕ 4L @ 150C/C	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 A,B,E)

NOTES -

- 1) ALL DIMENSIONS ARE IN MM UOM
- 2) DIMENSION ARE TO READ ONLY NOT TO BE SCALED.
- 3) BEARING CAPACITY OF SOIL HAS PER SOIL TEST REPORT
- 4) F.G.L SHALL BE CONSIDERED AS (+10.00M) LEVEL AS FIXED AT SITE
- 5) THE FOUNDATION FOR THE BUILDING HAS BEEN DESIGNED CONSIDERING FOUR (4) STOREY INCLUDING THE GROUND FLOOR
- 6) CLEAR COVER TO MAIN REINFORCEMENT FOR -
a) COL - 40MM
b) FDN & FDN BEAM = 50mm
c) Slab - 0 Top & bottom = 20mm @ End = 25mm
d) Floor beam = 30mm
- 7) GRADE OF -
a) CONCRETE - M25 DESIGN MIX & WATER CEMENT RATIO SHALL BE MAINTAINED WATER CEMENT RATIO SHALL BE MAINTAINED BETWEEN 0.39 TO 0.44 BY APPLYING SUPER PLASTICISER AS WATER REDUCING ADMIXER
b) STEEL - Fe 500
c) CEMENT SHALL BE EQUIVALENT TO 53
8) STEEL CHAIRS AND SPACER BARS WHEREVER NECESSARY SHALL BE PROVIDED BETWEEN TWO LAYERS OF REINF.
9) ANTI TERMITE TREATMENT SHALL BE DONE AS PER RELEVANT I.S. CODES
10) FOR ANY OTHER GUIDELINE NOT STATED IN THIS DRAWING RELEVANT I.S. CODES ARE TO BE FOLLOWED.

SIGNATURE
AUTHORISED SIGNATORY

SIGNATURE OF OWNER
AUTHORISED 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. SURVEYOR SHALL BE HELD RESPONSIBLE FOR ANY STRUCTURE DAMAGE OR FAILURE IF HAPPENED DURING CONSTRUCTION PERIOD & THEREAFTER BEYOND THE DATE OF TAKING COMPLETION CERTIFICATE.

SNEHASIS SINHA
R.P., (CIVIL), M.E. (STR), P.E., MICE
Chartered Engineer (I)
Empangment No. - 1177
I.P.S. No. C-11
Int. PE. No. 11900071-2

SIGNATURE OF STRUCTURAL ENGINEER
CLIENT:
KANCHANJANGA INTEGRATED INFRASTRUCTURE
DEVELOPMENT PRIVATE LIMITED.
PRINCIPAL ARCHITECT / CONSULTANT:

MAHESHWARI & ASSOCIATES
37A BAKER ROAD, 2ND FLOOR, ALPORE,
KOLKATA - 700027.
Tel: 95334996, 95226504

STRUCTURAL CONSULTANT:
SINHA & ASSOCIATES
ENGINEERS & DESIGN CONSULTANTS
157, BINODA BHAVE ROAD, KOL. - 700038
PH. NO. - 2407-4088
E-mail - sanda@cal2.vsnl.net.in

DATE 28.12.2018
SCALE 1:1000, 1:100, 50, 25, 20.
DWG NO. S&A KANCHANJANGA/CP/NS/1-101
REV-01

Divisional Engineer
Jalpaiguri District
Jalpaiguri

CURTAINMENT OF COLUMN BAR -
NOT MORE THAN 50% BARS TO CURTAIL AT
SAME LEVEL.
CURTAILMENT SHALL BE DONE IN SYMMETRIC
MANNER
NO CURTAILMENT AT BEAM COLUMN JOUNCTION

ROOF LEV.
(EL.=+14.95 M)

4TH FL. LEV.
(EL.=+12.0 M)

3RD FL. LEV.
(EL.=+9.05 M)

2ND FL. LEV.
(EL.=+6.1 M)

1ST FL. LEV.
(EL.=+3.450 M)

PL. (+0.30 M)
F.G.L.(+10.00M)
E.G.L.

75TH P.C.C (1:3:6)

Long Section Through Column