SCHEDULE OF COLUMN :-

COL. MKD.	SIZE & REINFORCEMENT: FDN. TO 2ND. FL.LVL.	2ND. FL. LVL. to 4TH. FL. LVL.	4TH. FL. LVL. to END.	REMARKS
A1,A10, B4, B7, J4,J7, K1,K10,	300 × 450, 6-16ϕ+4-12ϕ (2 TIES PER SET.)	300 × 450, 4-16ϕ+6-12ϕ (2 TIES PER SET.)	300 × 450, 10-12ϕ	
A3,A8, K3, K8,	300 × 450, 10-16ϕ (2 TIES PER SET.)	300 × 450, 8-16ϕ+2-12ϕ (2 TIES PER SET.)	300 × 450, 8-16ϕ+2-12ϕ (2 TIES PER SET.)	
E1,F1, E10,F10	500 × 500, 4-25ϕ+12-20ϕ (2 TIES PER SET.)	COLUMN STOPS AT 1ST FLOOR LEV.		
C1,C10, H1,H10 E6,F9	300 × 550, 6-25ϕ+6-20ϕ (2 TIES PER SET.)	300 × 550, 10-20ϕ+2-16ϕ (2 TIES PER SET.)	300 × 550, 12-16ϕ	
E1,F1,	300 × 550, 6-20ϕ+6-16ϕ (2 TIES PER SET.)	300 × 550, 6-20ϕ+6-16ϕ (2 TIES PER SET.)	300 × 550, 6-20ϕ+6-16ϕ	
C5,C6, D5,D6, G5,G6, H5,H6	300 × 550, 4-25ϕ+8-20ϕ (2 TIES PER SET.)	300 × 550, 12-20ϕ	300 × 550, 6-20ϕ+6-16ϕ	

COL. MKD.	FDN. TO 1ST. FL. LVL.	1ST. FL. LVL. TO 4TH. FL. LVL.	4TH. FL. LVL. TO END	REMARKS
E2,F2	300 × 550, 4-25ϕ+8-20ϕ (2 TIES PER SET.)	200 × 550, 10-16ϕ (2 TIES PER SET.)	200 × 550, 6-16ϕ+4-12ϕ (2 TIES PER SET.)	
E5',F5, E6',F6	300 × 550, 6-20ϕ+4-16ϕ (2 TIES PER SET.)	250 × 550, 4-20ϕ+4-16ϕ (2 TIES PER SET.)	250 × 550, 8-16ϕ	
STOOL COLUMN		250 × 550, 4-16ϕ+4-12ϕ (2 TIES PER SET.)	250 × 550, 8-12ϕ	

GRADE OF CONC. M-25 IN ALL FLOORS.

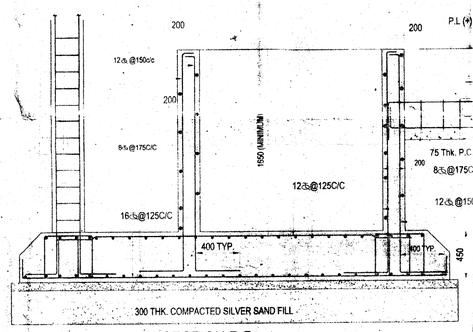
NB: FOR SPACING OF TIES LINKS REFER, LONG SECTION OF COLUMN

SCHEDULE OF FOUNDATION:-

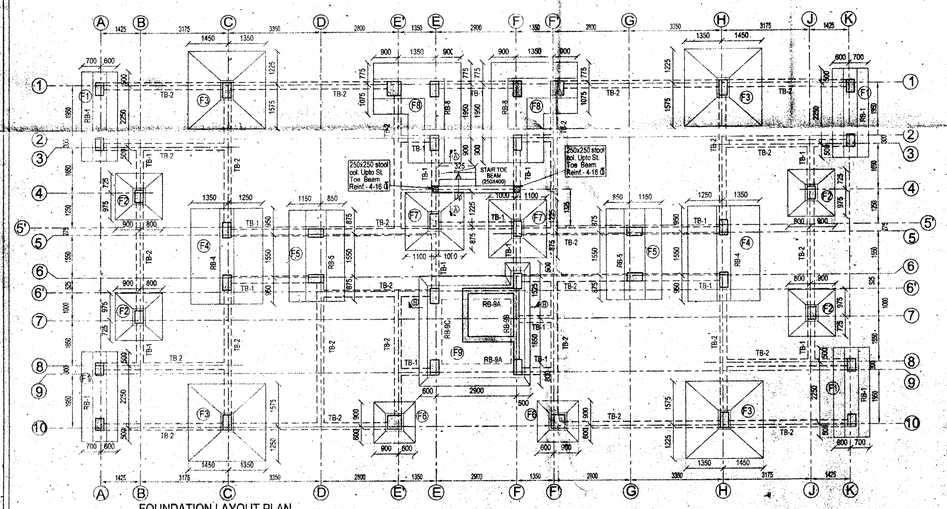
FDN MKD.	COLS. ATTACHED	SIZE(LXB) (MMxMM)	THICKNESS(mm) d1	THICKNESS(mm) d2	REINFORCEMENT SHORTER(s)	REINFORCEMENT LONGER(b)	REMARKS
F1	A1,A3,A8,A10,K1, K3,K8,K10	1300X3250	300	475	10ϕ@150 C/C	10ϕ@175 C/C	–
F2	B4,B7,J4,J7	1700X1700	300	600	10ϕ@125 C/C	10ϕ@125 C/C	–
F3	C1,C10,H1,H10	2800X2800	400	650	10ϕ@150 C/C	10ϕ@175 C/C	–
F4	C5,C6,H5,H6	2600X3450	400	650	12ϕ@150 C/C	8ϕ@200 C/C	–
F5	D5,D6,G5,G6	2000X3300	400	650	12ϕ@150 C/C	8ϕ@200 C/C	–
F6	E10,F10	1500X1500	300	600	10ϕ@125 C/C	10ϕ@125 C/C	–
F7	E5',F5	2100X2100	400	600	12ϕ@150 C/C	12ϕ@150 C/C	–
F8	E1,E1,E2,F1,F1,F2	AS PER FOUNDATION LAYOUT	400	650	12ϕ@150 C/C	12ϕ@150 C/C	–
F9	F6,E6',E9,F9,LIFT	AS PER FOUNDATION LAYOUT	250	450	16ϕ@125 C/C(BOTTOM) 12ϕ@125 C/C(TOP)	16ϕ@125 C/C(BOTTOM) 12ϕ@125 C/C(TOP)	–

SCHEDULE OF BEAM:-

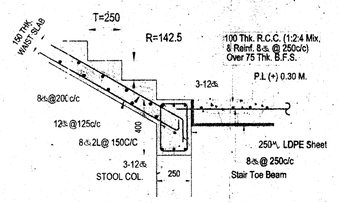
BEAM MKD.	SIZE (mmxmm)	REINF. AT SUPPORT TOP	REINF. AT SUPPORT BOT	REINF. AT SUPPORT STRPS	REINF. AT SPAN TOP	REINF. AT SPAN BOT.	REINF. AT SPAN STRPS	REMARKS
TB-1	250X500	3-12ϕ	3-12ϕ	8ϕ 2L@150C/C	3-12ϕ	3-12ϕ	8ϕ 2L@150C/C	TIE BEAM
TB-2	250X500	2-16ϕ + 1-12ϕ	2-16ϕ + 1-12ϕ	8ϕ 2L@150C/C	2-16ϕ + 1-12ϕ	2-16ϕ + 1-12ϕ	8ϕ 2L@175C/C	TIE BEAM
RB-1	500X650	4-16ϕ	4-16ϕ	8ϕ 4L@150C/C	4-16ϕ	4-16ϕ	8ϕ 4L@150C/C	RIB BEAM
RB-9A, RB-9B,RB-9C	500X450	4-16ϕ	2-20ϕ + 2-16ϕ	8ϕ 4L@150C/C	4-16ϕ	2-20ϕ + 2-16ϕ	8ϕ 4L@150C/C	RIB BEAM
RB-8	700X650	5-16ϕ	2-20ϕ + 3-16ϕ	8ϕ 4L@150C/C	5-16ϕ	2-20ϕ + 3-16ϕ	8ϕ 4L@150C/C	RIB BEAM
RB-5	750X650	6-16ϕ	6-16ϕ	8ϕ 6L@150C/C	6-16ϕ	6-16ϕ	8ϕ 6L@150C/C	RIB BEAM
RB-4	500X650	4-20ϕ	4-20ϕ + 3-16ϕ	10ϕ 6L@75C/C	4-20ϕ	4-20ϕ	8ϕ 6L@150C/C	RIB BEAM



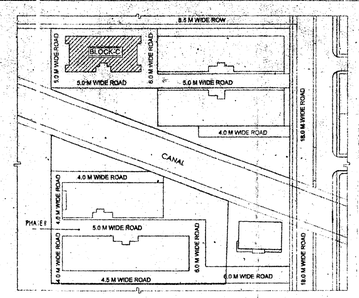
SECTION B-B
(SCALE 1:25)



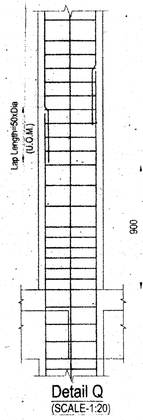
FOUNDATION LAYOUT PLAN
SCALE-1:100



SECTION: A-A
(SCALE 1:20)



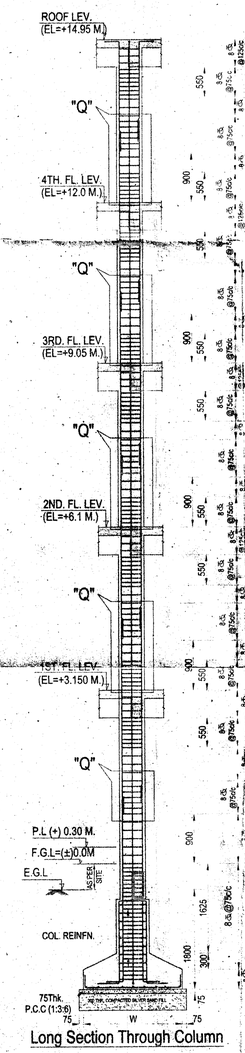
KEY PLAN



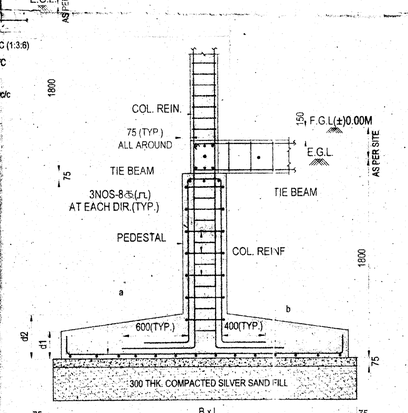
Detail Q
(SCALE-1:20)

CURTAILMENT OF COLUMN BAR:-

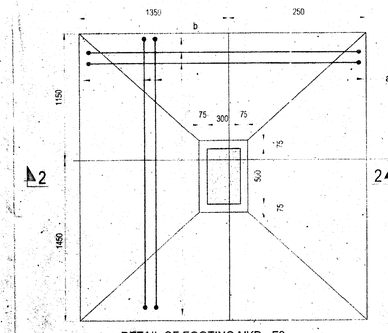
* NOT MORE THAN 50% BARS TO CURTAIL AT SAME LEVEL
* CURTAILMENT SHALL BE DONE IN SYMMETRIC MANNER
* NO CURTAILMENT AT BEAM COLUMN JUNCTION



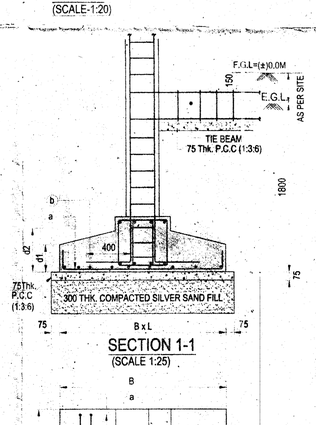
Long Section Through Column



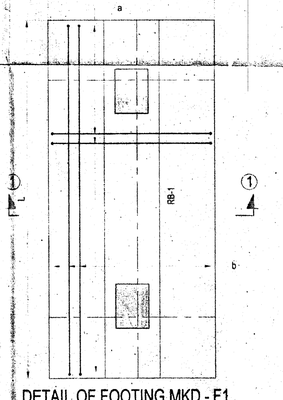
SECTION 2-2



DETAIL OF FOOTING MKD.- F2
SCALE 1:25



SECTION 1-1
(SCALE 1:25)



DETAIL OF FOOTING MKD.- F1
SCALE 1:25

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-C)

NOTES :-

1) ALL DIMENSIONS ARE IN MM. U.O.M.
2) DIMENSION ARE TO READ ONLY NOT TO BE SCALED.
3) BEARING CAPACITY OF SOIL =AS PER SOIL TEST REPORT
4) FGL. SHALL BE CONSIDERED AS (±)0.0M LEV. AS FIXED AT SITE.
5) THE FOUNDATION FOR THE BUILDING HAS BEEN DESIGNED CONSIDERING FOUR (G+4) STOREYED INCLUDING THE GROUND FLOOR.
6) CLEAR COVER TO MAIN REINFORCEMENT FOR:-
   a) COL. =40MM.
   b) FDN. & FDN. BEAM =50 mm.
   c) Slab - i) Top & bottom =20 m.m. ii) End = 25 m.m.
   d) Floor beam= 30 mm.
7) GRADE OF:-
   a)CONCRETE =M-25 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.
   b) STEEL -Fe 550.
   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.

Date: 12/2018
Sub-Assistant Engineer
Jalpaiguri Sub-Division
Jalpaiguri Zilla Parishad

Assistant Engineer (R.D.)
Jalpaiguri Zilla Parishad
Jalpaiguri

Executive Engineer
Jalpaiguri Zilla Parishad

SIGNATURE
AUTHORISED SIGNATORY

SIGNATURE OF OWNER
AUTHORISED SIGNATORY OF KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

I UNDERTAKE WITH FULL RESPONSIBILITY AND CERTIFY THAT THE BUILDING PLAN HAS BEEN DRAWN AS PER PROVISION OF W.B. MUNICIPAL BUILDING RULES 2007 AS AMMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING ROAD CONFIRMS WITH THE PLAN AND THAT IS A BUILDING SITE AND NOT A TANK OR FILLED UP TANK.

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

SNEHASHIS SINHA
B.E. (Civil), M.E. (Str), FIE, MICI
Chartered Engineer (I)
Empanelment No. - 1/77
(STR.(R.M.C))
Int. PE No. : IP800071-2

SIGNATURE OF STRUCTURAL ENGINEER

CLIENT:
KANCHANJANGA INTEGRATED INFRASTRUCTURE DEVELOPMENT PRIVATE LIMITED.

PRINCIPAL ARCHITECT / CONSULTANT:

ARCHITECTS INTERIORS
MAHESHWARI & ASSOCIATES
37A BAKER ROAD, 2ND FLOOR, ALIPORE, KOLKATA- 700027.
Tel : 65334966, 65228564.

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

NORTH

DATE	28.12.2018
SCALE	1:1000,100,50,25,20
DWG NO.	S&A /KANCHANJANGA/CRPN/ST-201
REV-	01