

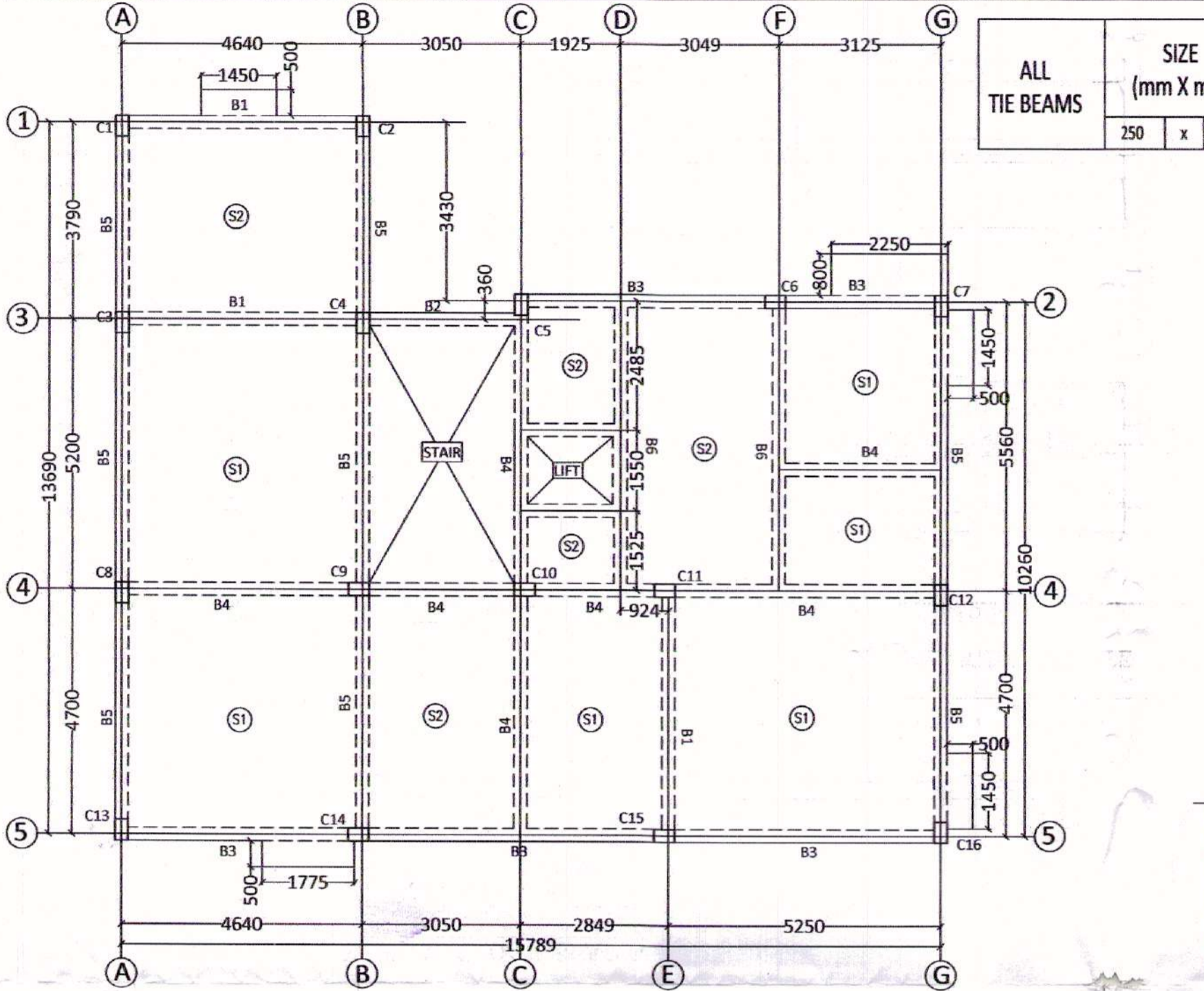
SCHEDULE OF ISOLATED, STRIP & COMBINED FOOTING

FOOTING MKD.	FOOTING TYPE	UNDER COLUMN MKD.	L (mm)	W (mm)	D2 (mm)	D1 (mm)	REINFORCEMENT	
							ALONG LONGER DIRECTION	ALONG SHORTER DIRECTION
F1	ISOLATED	C-1,C-2,C-7	2400	2400	200	350	12T @ 150 mm C/C	12T @ 150 mm C/C
F2		C-6	2600	2600	200	350	12T @ 150 mm C/C	12T @ 150 mm C/C
F3	STRIP	C-3,C-4, & C-5	1009	2800	200	350	12T @ 150 mm C/C	8T @ 100 mm C/C
F4		C-8,C-9,C-10,C-11 & C-12	18189	2800	200	350	12T @ 150 mm C/C	8T @ 100 mm C/C
F5		C-13,C-14,C-15 & C-16	18189	2000	200	350	12T @ 150 mm C/C	8T @ 100 mm C/C

BEAM MKD.	SIZE (mm X mm)	SUPPORT LONG REINFORCEMENT		SPAN LONG REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
B1	250 x 400	2-16T (T) + 2-12T (E)	2-16T (T)	2-16T (T)	2-16T (T) + 2-12T (E)	2L-8T@150C/C
B2	250 x 350	2-16T (T) + 2-12T (E)	2-16T (T)	2-16T (T)	2-16T (T) + 2-12T (E)	2L-8T@150C/C
B3	250 x 400	3-20T (T) + 2-16T (E)	3-16T (T)	3-20T (T)	3-16T (T) + 2-16T (E)	2L-8T@150C/C
B4	250 x 450	3-20T (T) + 2-20T (E)	3-20T (T)	3-20T (T)	3-20T (T) + 2-16T (E)	2L-8T@150C/C
B5	250 x 400	3-16T (T) + 2-16T (E)	2-16T (T)	3-16T (T)	2-16T (T) + 2-16T (E)	2L-8T@150C/C
B6	250 x 400	3-16T (T) + 2-20T (E)	3-20T (T)	3-16T (T)	3-20T (T) + 2-16T (E)	2L-8T@150C/C

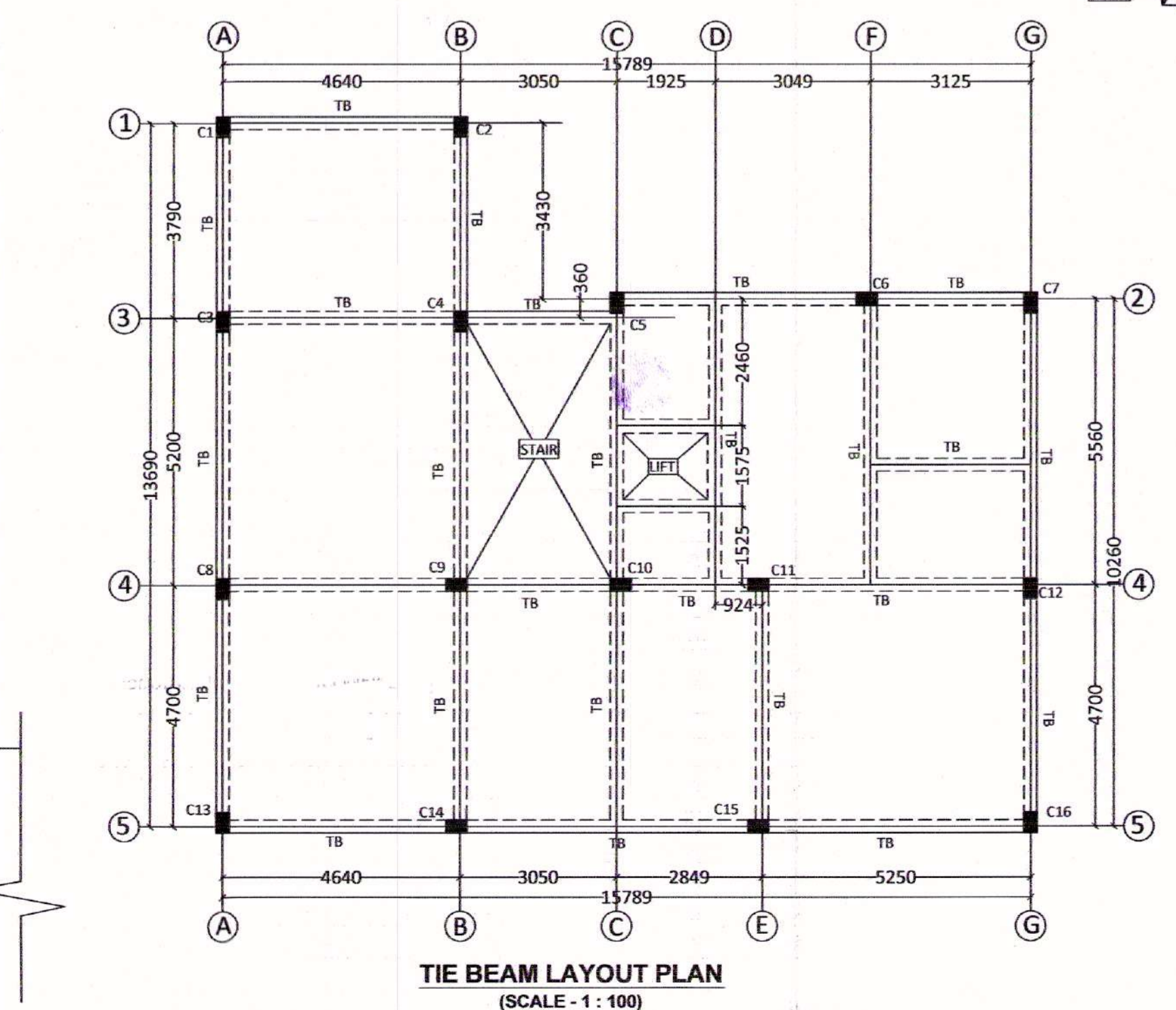
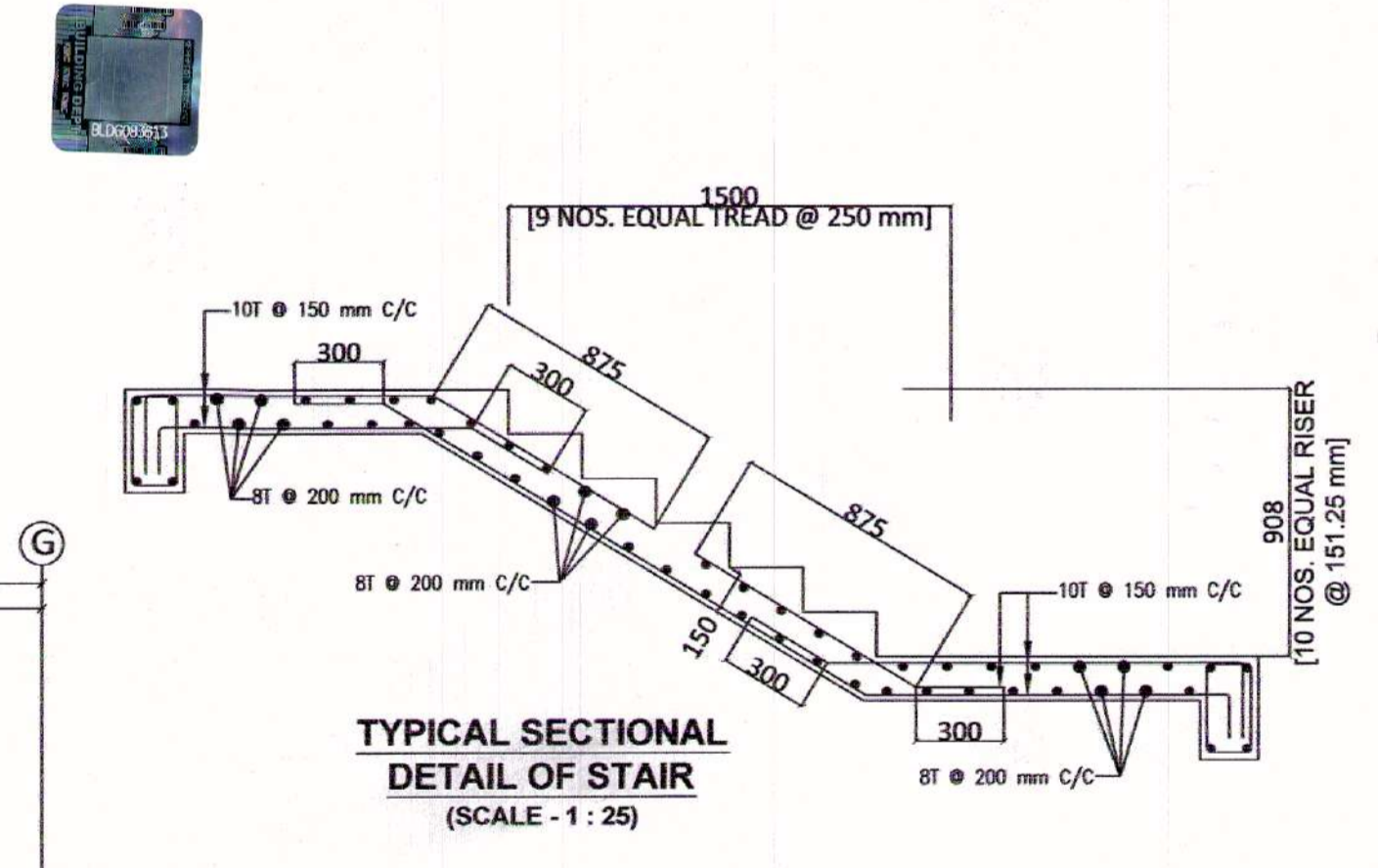
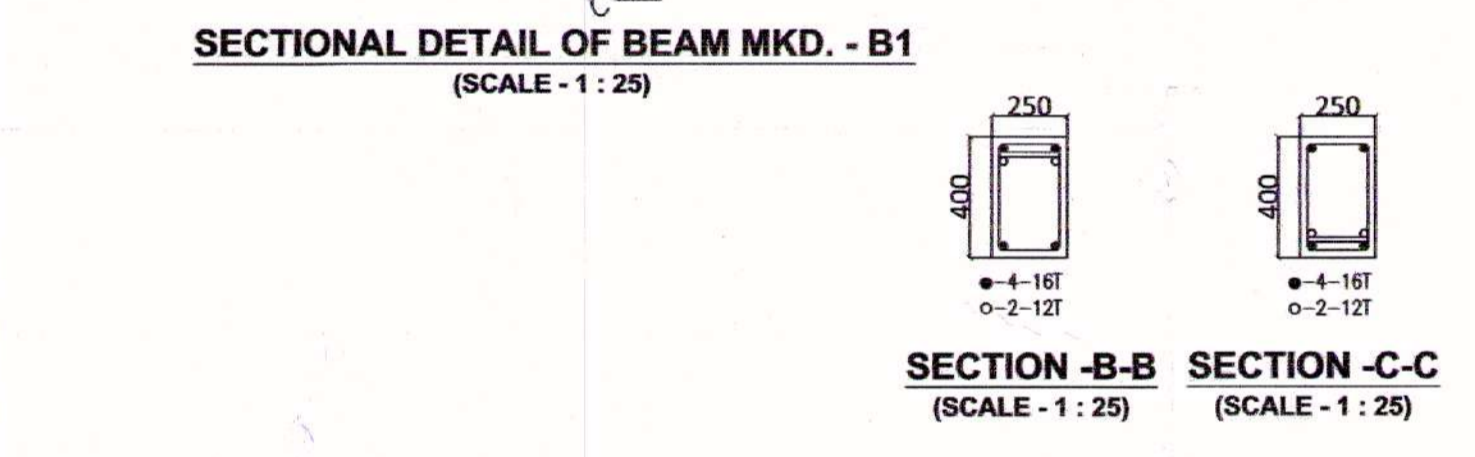
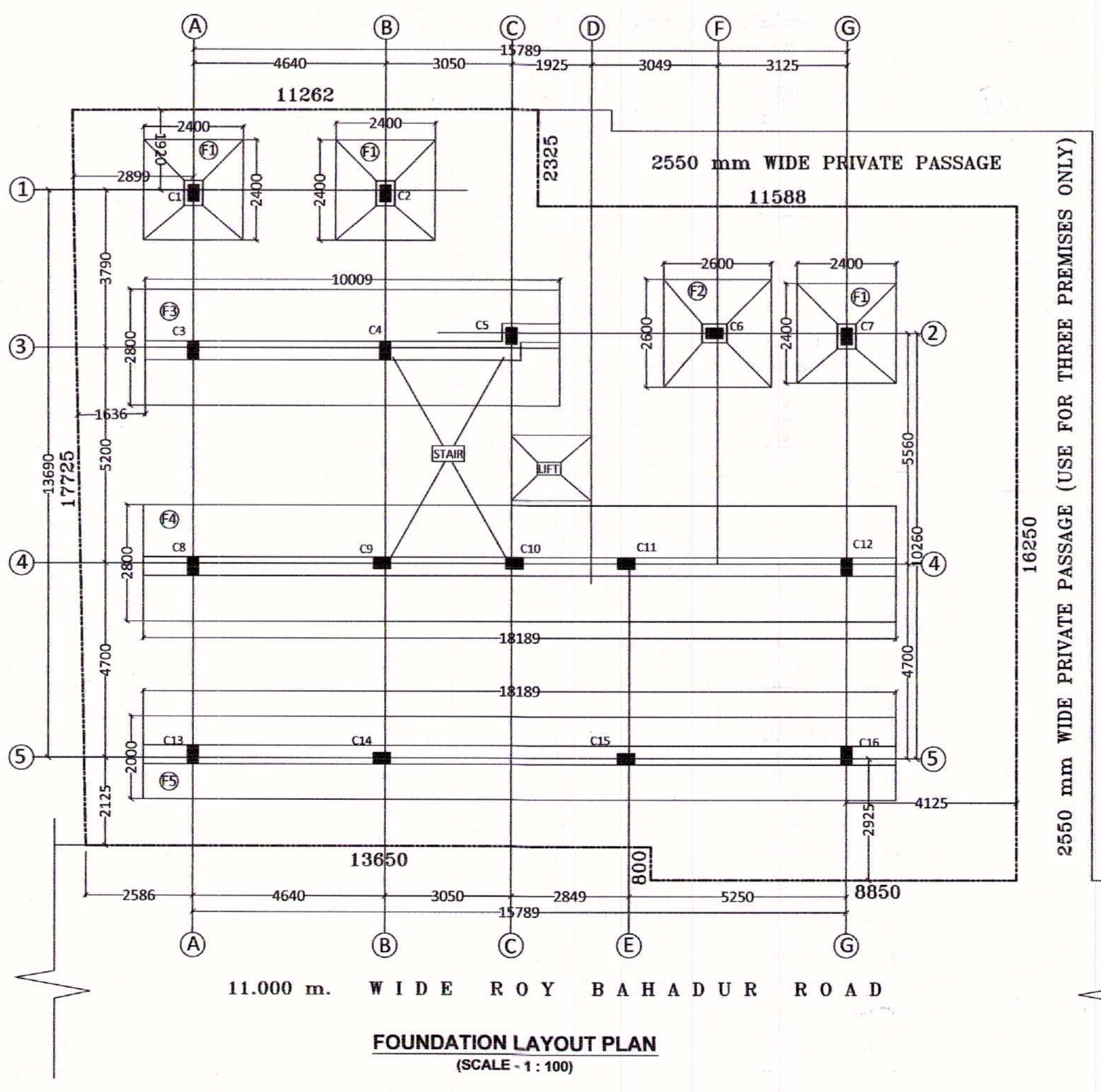
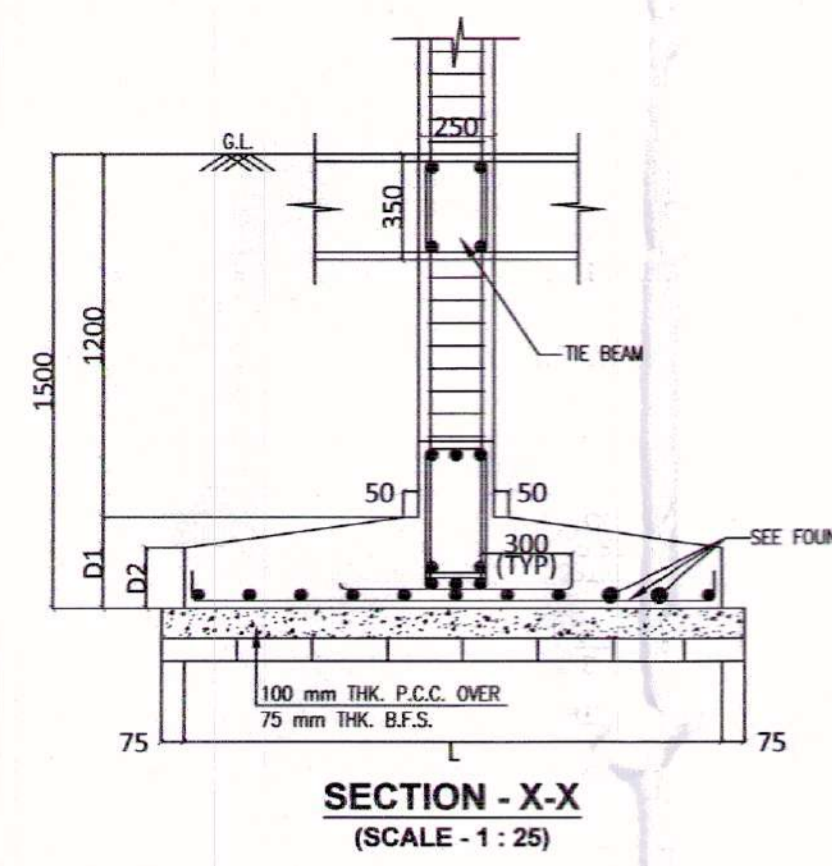
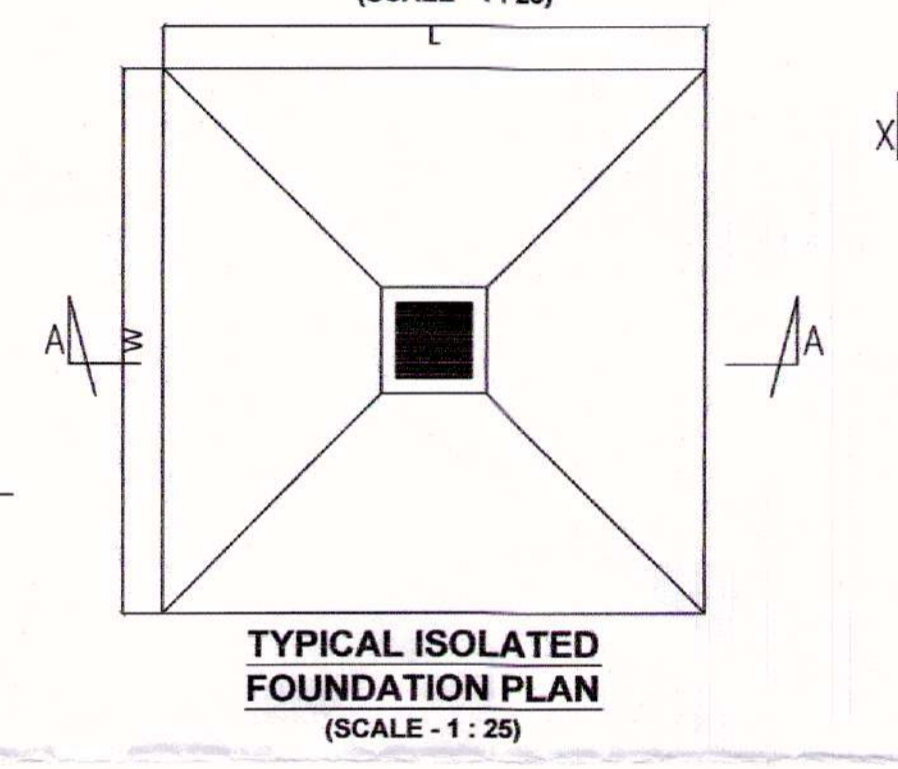
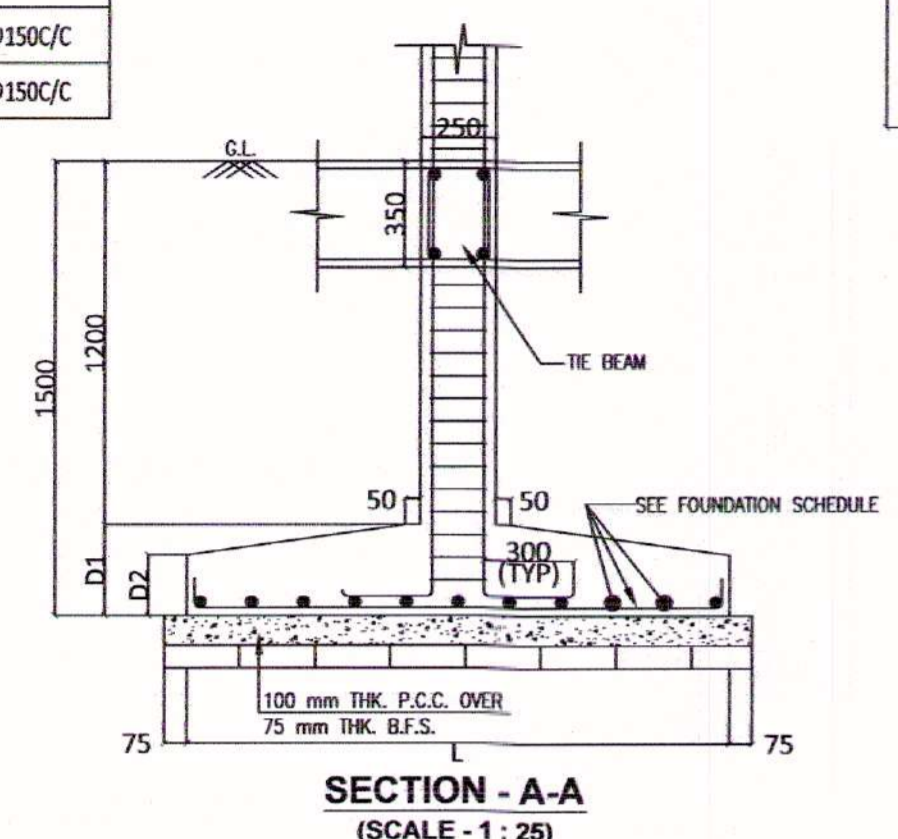
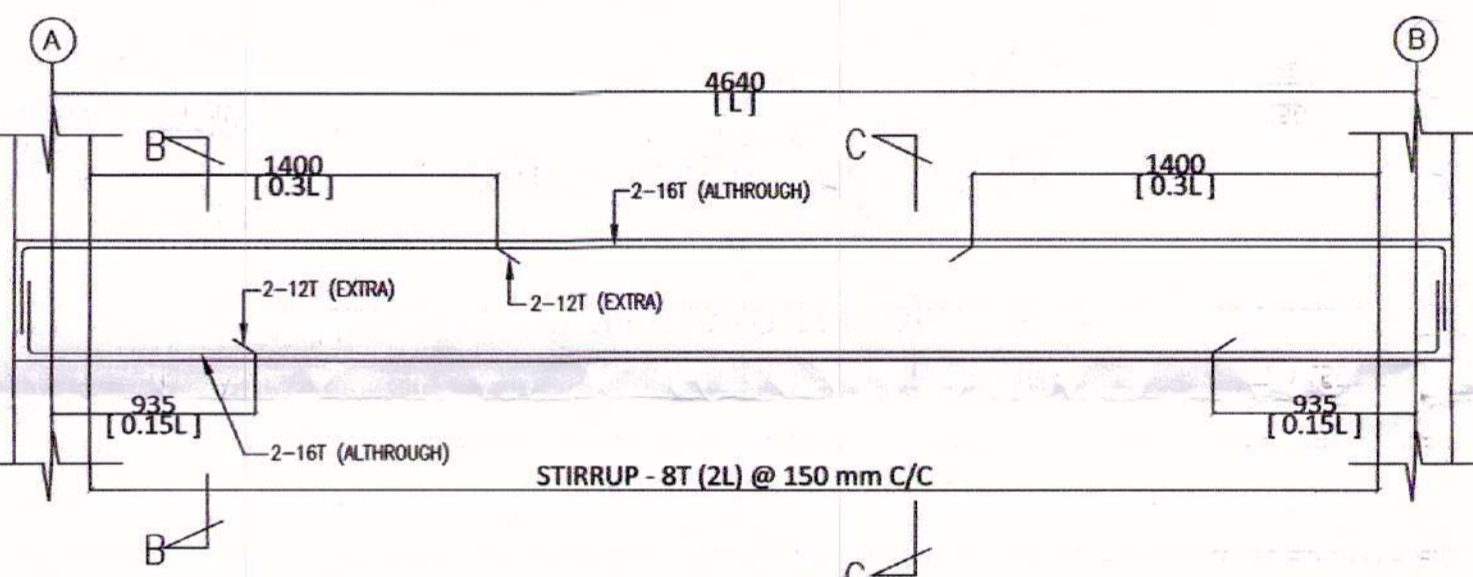
NOTE: T - ALTHROUGH BAR & E - EXTRA BAR

RIB BEAM MKD.	SIZE (mm X mm)	SUPPORT LONG REINFORCEMENT		SPAN LONG REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
F-3,F-4	450 x 600	3-16T	5-16T	5-16T	3-16T	4L-8T@150C/C
F-5	450 x 550	3-16T	5-16T	5-16T	3-16T	4L-8T@150C/C



ALL TIE BEAMS	SIZE (mm X mm)	SUPPORT LONG REINFORCEMENT		SPAN LONG REINFORCEMENT		STIRRUPS
		TOP	BOTTOM	TOP	BOTTOM	
	250 x 350	4-12T	2-12T	2-12T	4-12T	2L-8T@150C/C

SLAB MKD.	SLAB THK.	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION	
		AT MIDDLE PORTION	AT END PORTION	AT MIDDLE PORTION	AT END PORTION
S1	120	8T @ 150 c/c	8T @ 150 c/c (TOP) & 8T @ 300 c/c (BOT)	8T @ 150 c/c	8T @ 150 c/c (TOP) & 8T @ 300 c/c (BOT)
S2	120	10T @ 100 c/c	10T @ 100 c/c (TOP) & 10T @ 200 c/c (BOT)	10T @ 100 c/c	10T @ 100 c/c (TOP) & 10T @ 200 c/c (BOT)



- NOTES**
- ALL DIMENSIONS ARE IN MM.
 - ALL PROJECTED CHAJJA ARE 500 WIDE.
 - ALL TOILET FLOOR ARE WATER TIGHT.
 - ALL EXTERNAL WALLS ARE 200THK. & ALL INTERNAL PARTITION WALLS ARE 75THK. EXCEPT OTHER WISE MENTIONED.
 - THE DEPTH OF FOUNDATION OF SEPTIC TANK AND SEMI UNDER GROUND WATER RESERVOIR WILL NOT EXCEED THE DEPTH OF FOUNDATION OF BUILDING.
- SPECIFICATIONS**
- GRADE OF CONCRETE USED - M20
 - GRADE OF STEEL USED - Fe500
 - MORTAR USED IN 200mm TH BRICK WALLS = 1:6
 - MORTAR USED IN 75mm & 125mm TH BRICK WALLS = 1:4
 - FIRST CLASS BRICKS TO BE USED ONLY
 - CICO TO BE USED IN 40mm TH D.P.C
 - LIME TERRACING ON ROOF - 2:2:7
 - CLEAR COVER :
i) FOUNDATION & TIE BEAM - 50 mm; ii) COLUMN - 40 mm; iii) SLAB - 15 mm; iv) BEAM - 25 mm & v) STAIR - 20 mm

COLUMN SCHEDULE	
ROOF	250 x 250 6-16T+4-12T 250 x 450 a-8T CLOSED LINK @ 200 mm C/C
2 ND FLOOR	250 x 250 6-16T+6-12T 250 x 550 a-8T CLOSED LINK @ 200 mm C/C
2 ND FLOOR	250 x 250 10-16T 250 x 450 a-8T CLOSED LINK @ 200 mm C/C
FOUNDATION	250 x 250 12-16T 250 x 550 a-8T CLOSED LINK @ 200 mm C/C
LEVEL MKD.	C1,C2,C7,C13,C16 C3,C4,C5,C6,C8,C9,C10,C11,C12,C14,C15,

LINKS ARE AS SPECIFIED

GEO-TECHNICAL ENGINEER'S DECLARATION :-
 UNDERSIGNED HAS INSPECTED THE SITE AND CARRIED OUT SOIL INVESTIGATION THEREON. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION AND THE FOUNDATION SYSTEM PROPOSED HEREIN IS SAFE AND STABLE IN ALL RESPECT FROM GEOTECHNICAL POINT OF VIEW.

Rupak Kumar Banerjee
 RUPAK KUMAR BANERJEE
 G.T. NO-3/1
 SIGNATURE GEOTECHNICAL ENGINEER.

DECLARATION BY THE STRUCTURAL ENGINEER:
 THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOAD INCLUDING SEISMIC LOAD AS PER NATIONAL BUILDING CODE OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECT.
 SOIL TESTING HAS BEEN DONE BY RUPAK KUMAR BANERJEE OF G. MITRA & ASSOCIATES, 4, PRIYO NATH GHOSH ROAD, KOLKATA-700075. THE RECOMMENDATION OF SOIL TEST REPORT HAS BEEN CONSIDERED DURING STRUCTURAL CALCULATIONS.

Debabrata Ghosh
 DEBABRATA GHOSH
 ESE - 228 / II
 SIGNATURE OF STRUCTURAL ENGINEER

DECLARATION BY THE ARCHITECT:
 CERTIFIED WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2009, AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITION INCLUDING THE WIDTH OF THE ROAD (6.098M) CONFORM WITH THE PLAN & SITE, WHICH HAS BEEN MEASURED & VERIFIED BY ME. IT IS A BUILDABLE SITE AND NOT TANK OR FILLED UP TANK. THE LAND IS DEMARCATED BY BOUNDARY WALL. THE CONSTRUCTION OF U.G. WATER TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

Debjit Adhikary
 DEBJIT ADHIKARY
 REG. NO. - CA/11848
 SIGNATURE OF ARCHITECT

OWNER'S DECLARATION :-
 I DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I SHALL ENGAGE L.B.S. / L.B.A. & E.S.E. DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTIONS OF L.B.S. & E.S.E. DURING CONSTRUCTION OF THE BUILDING (AS PER B.S. PLAN). K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURES, IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE. THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF E.S.E. / L.B.S. BEFORE STARTING OF BUILDING FOUNDATION WORK.

Sourav Panja
 SOURAV PANJA
 CONSTITUTED POWER/OF ATTORNEY OF
 1) Mita Paul @ Protima Paul Chaudhury
 2) Puspai Paul
 3) Mala Kasnavis
 GREENGLN CONSTRUCTION PVT. LTD.
 AUTHORISED SIGNATORY DIRECTOR MR. SOURAV PANJA
 SIGNATURE OF OWNERS/ATTORNEY

NAME OF OWNERS -
 1. SMT. MITA PAL ALIAS PRATIMA PAL CHOWDHURY,
 2. SMT. MALA KASNAVIS, 3. SRI PUSPAI PAL

PROPOSED G+IV STORIED RESIDENTIAL BUILDING PLAN
 UNDER SECTION 393A OF K.M.C. ACT 1980 AT PRE.
 NO. - 66/1, ROY BHADUR ROAD, WARD NO. - 119,
 BOROUGH - XIII, UNDER K.M.C. (S.S. UNIT)

STRUCTURAL DRAWING
 SCALE=1:100 OR AS NOTED
 NORTH

CERTIFIED COPY

KOLKATA MUNICIPAL CORPORATION
BUILDING DEPARTMENTS
CERTIFIED COPY OF B.S. PLAN
No. 2018130275 Dt. 11/01/19
Borough No. XIV

Assistant Engineer

Executive Engineer


RESIDENTIAL BUILDING

DEVIATION WOULD MEAN DEMOLITION

Necessary steps should be taken for the safety of the lives of the adjoining public and private properties during construction.

THE SANCTION IS VALID UP TO 10/01/2024

Structural plan and design calculation as submitted by the structural engineer have been kept with B. P. No. 2018130275 Date 11/01/19 for record of the Kolkata Municipal Corporation without verification. No deviation from the submitted structural plan should be made at the time of erection without submitting fresh structural plan along with design calculation and stability certificate in the prescribed form, necessary steps should be taken for the safety of the adjoining premises public and private properties and safety of human life during construction.


Asst. Engineer/Technical Advisor / Executive Engineer
BOROUGH NO.- XIII, XIV

2018130283
BUILDING DEPARTMENT
11 JAN 2019
THE KOLKATA MUNICIPAL CORPORATION