

SCHEDULE OF R.C.C BEAMS						
BEAM MKD.	BEAM SECTION	SIZE & REIN. AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REIN. AT SPAN	
		TOP	BOTTOM		TOP	BOTTOM
B1	250 x 450	2-20 Φ 3-16 Φ	2-20 Φ	8 Φ @ 150C/C	2-20 Φ	2-20 Φ 3-16 Φ
B2	250 x 400	2-16 Φ 2-16 Φ	2-16 Φ	8 Φ @ 150C/C	2-16 Φ	2-16 Φ 2-16 Φ

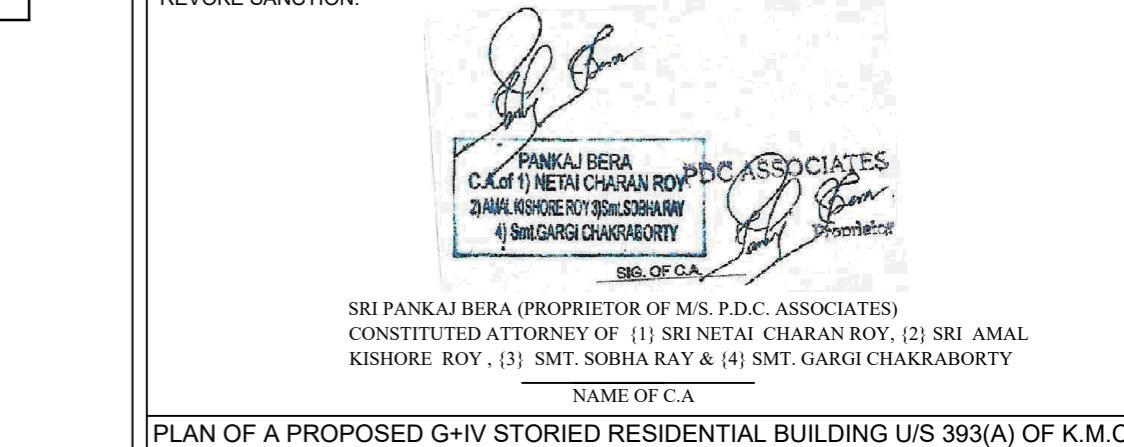
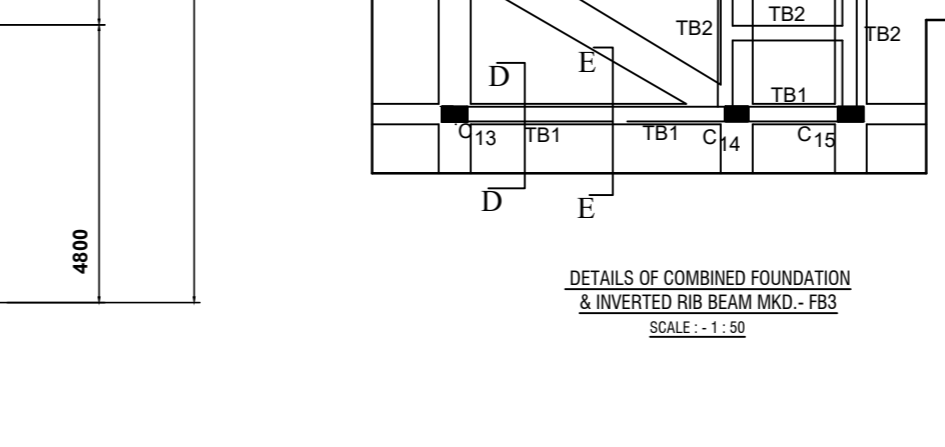
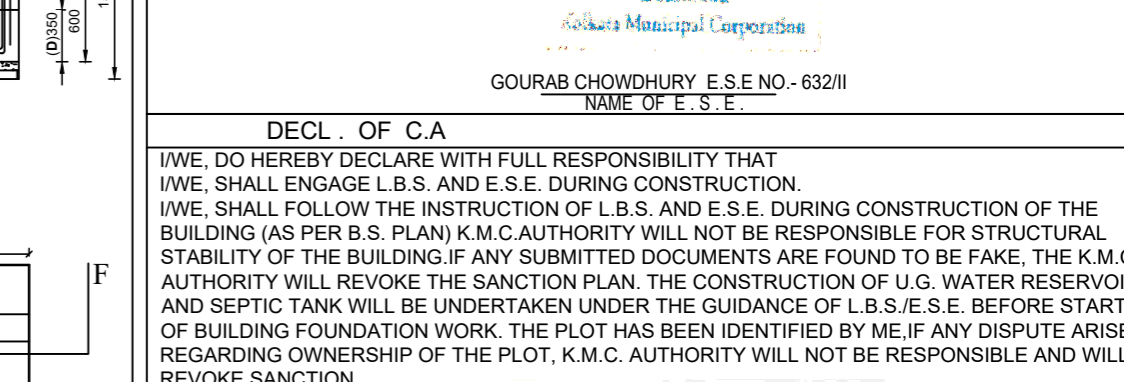
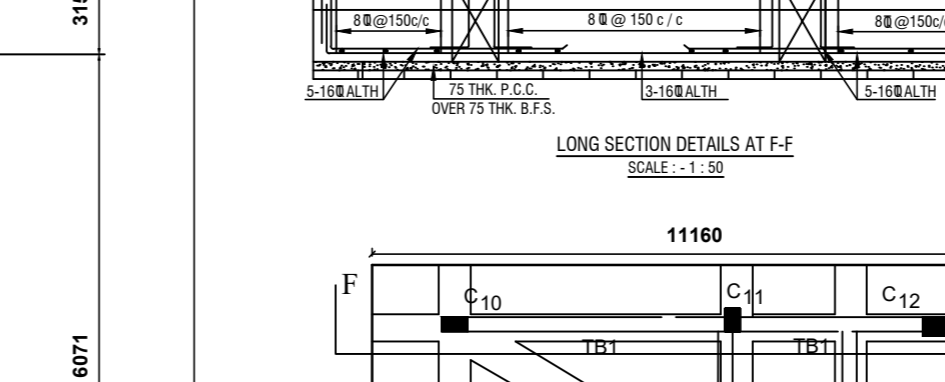
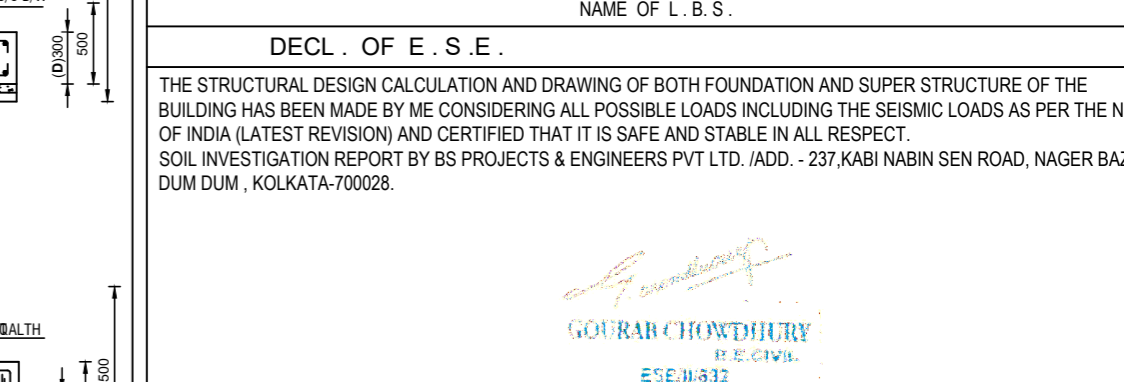
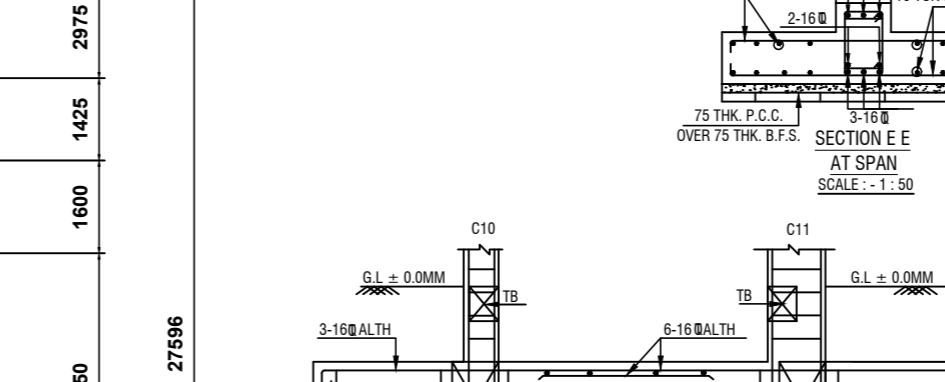
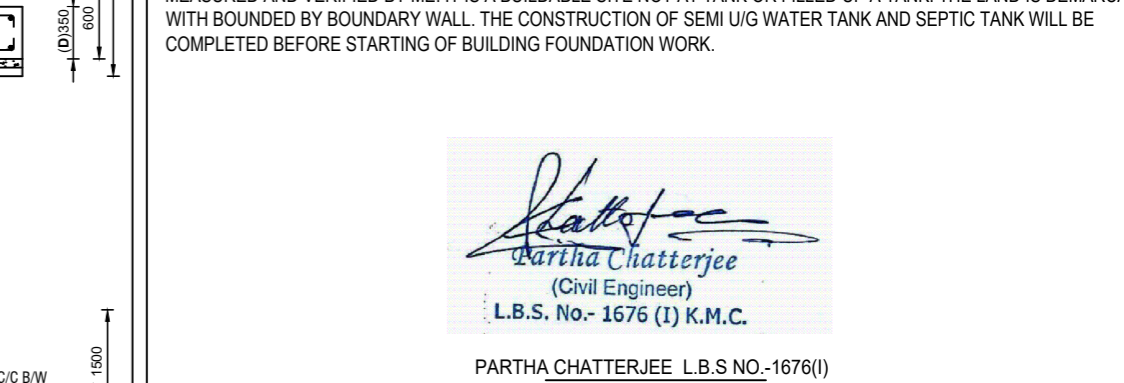
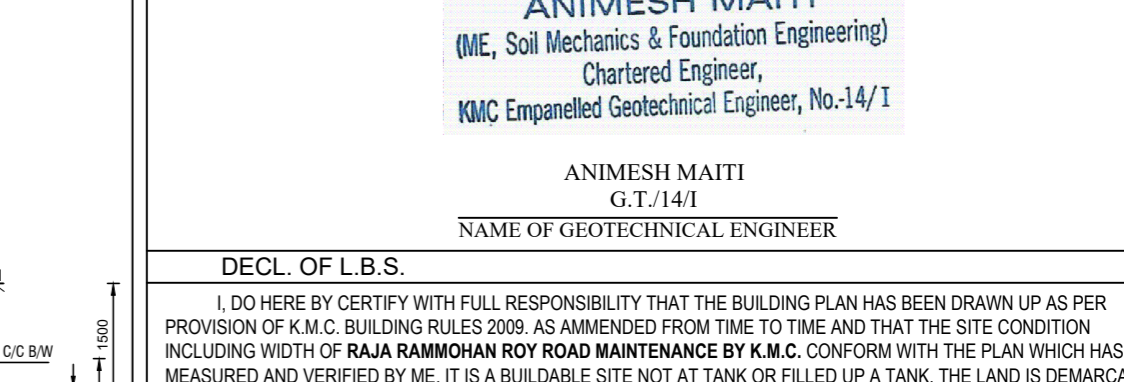
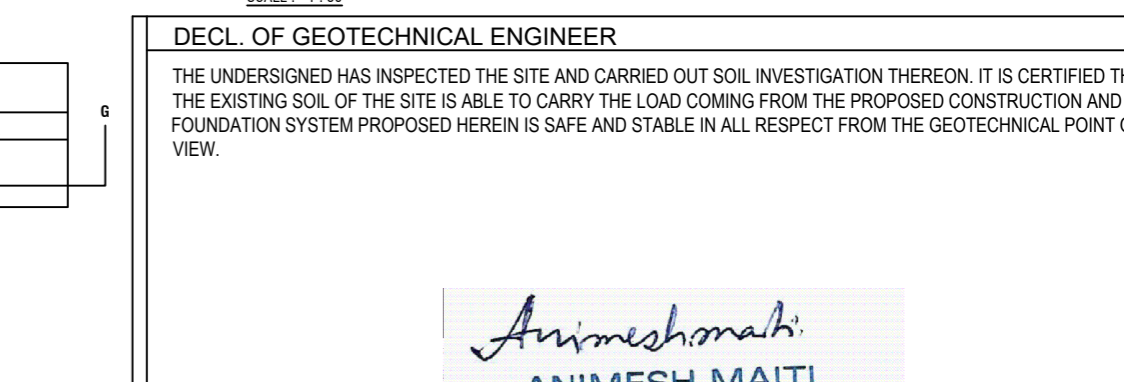
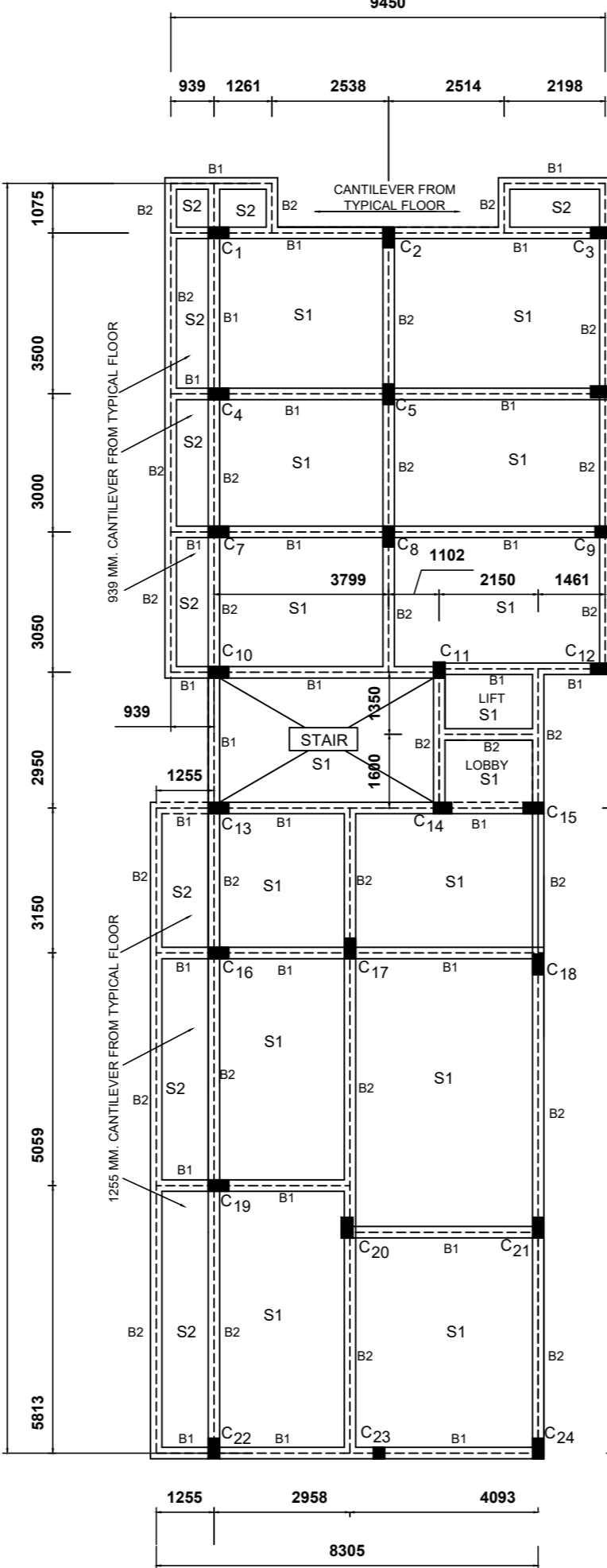
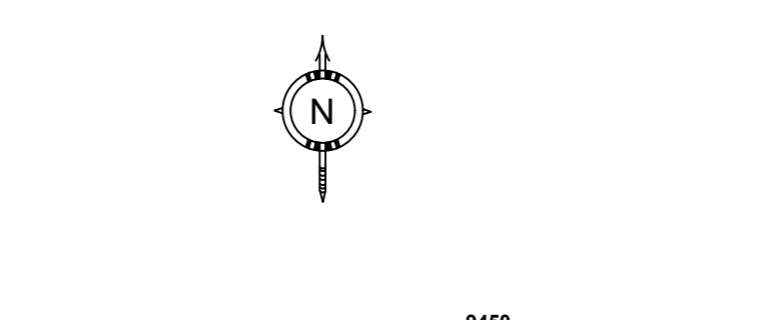
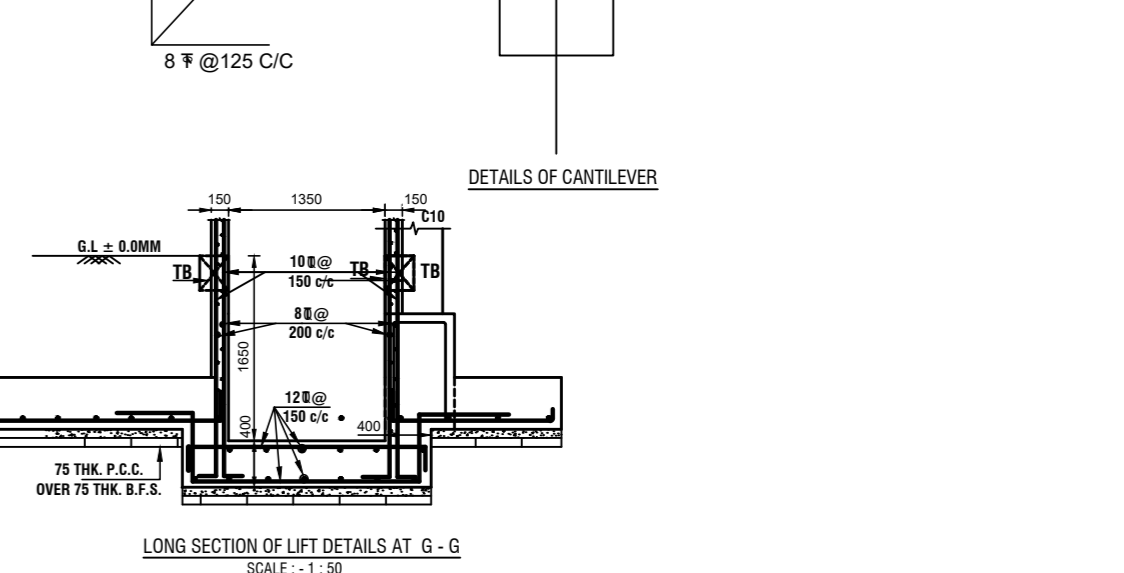
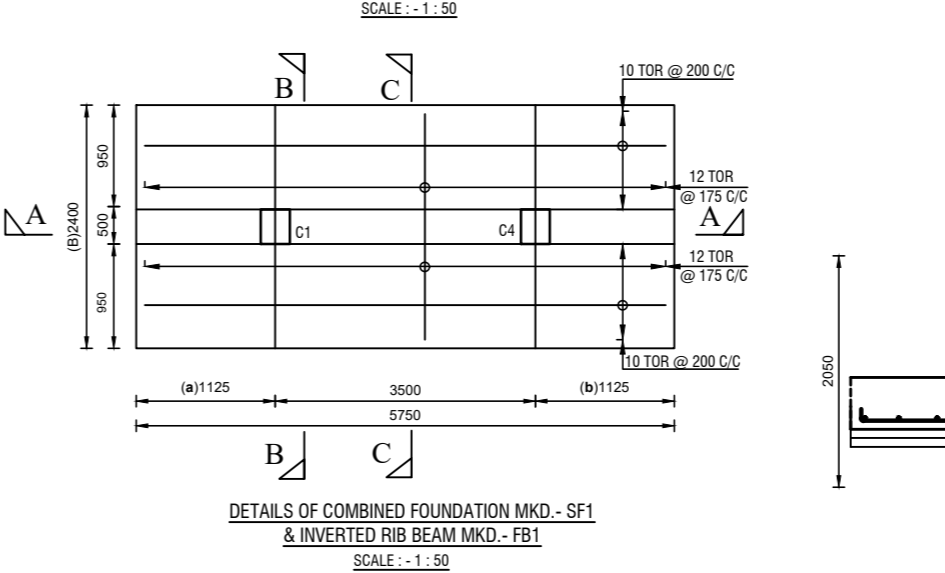
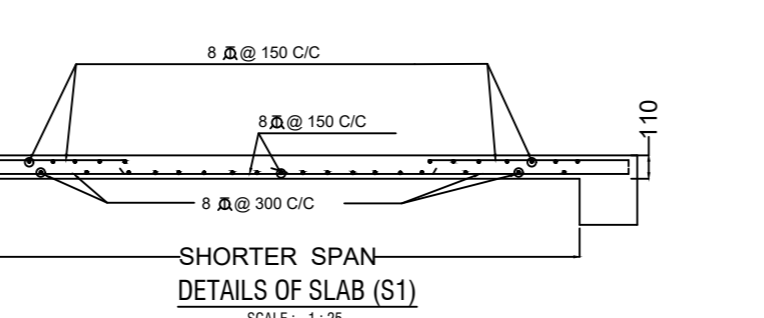
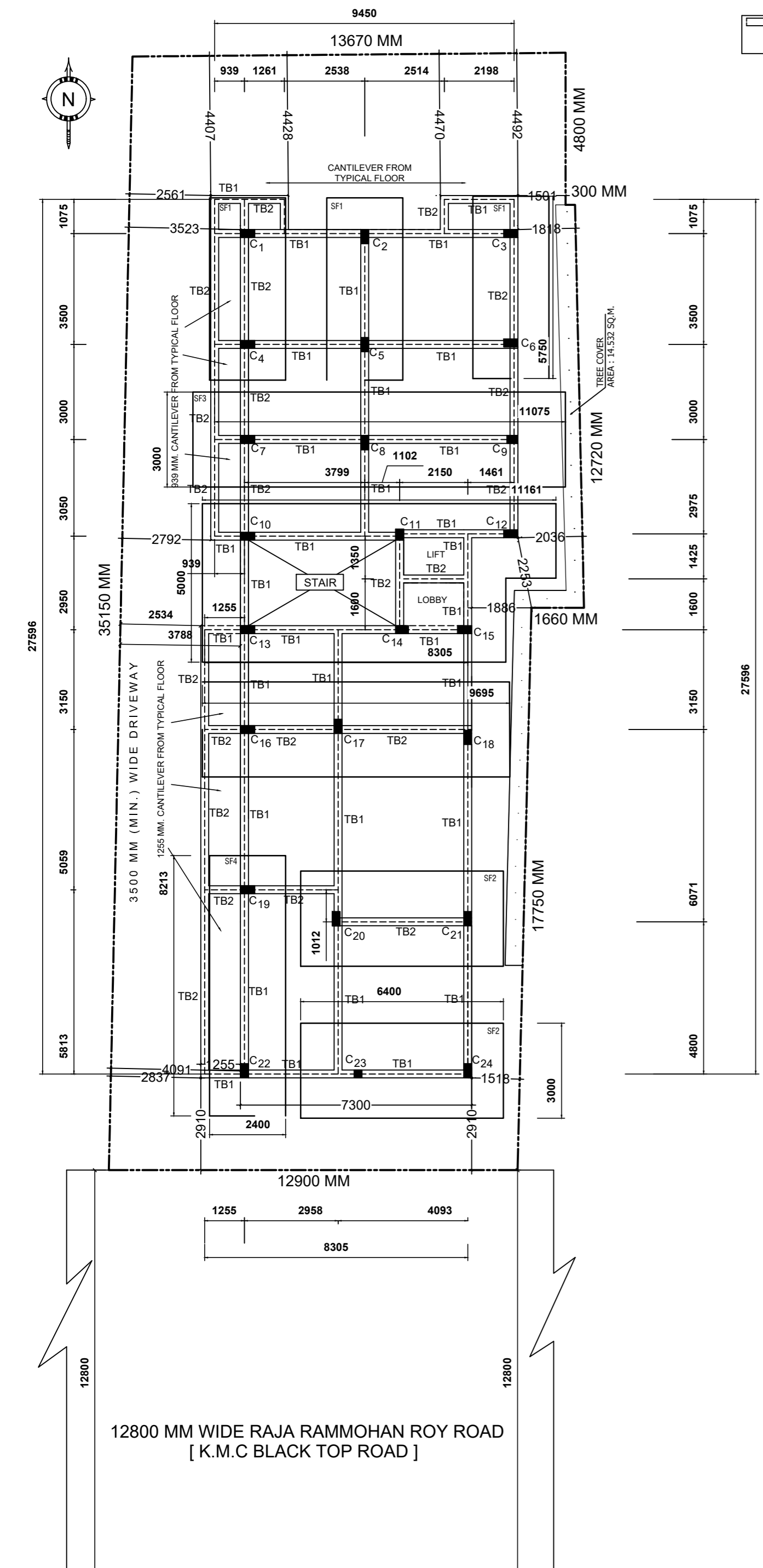
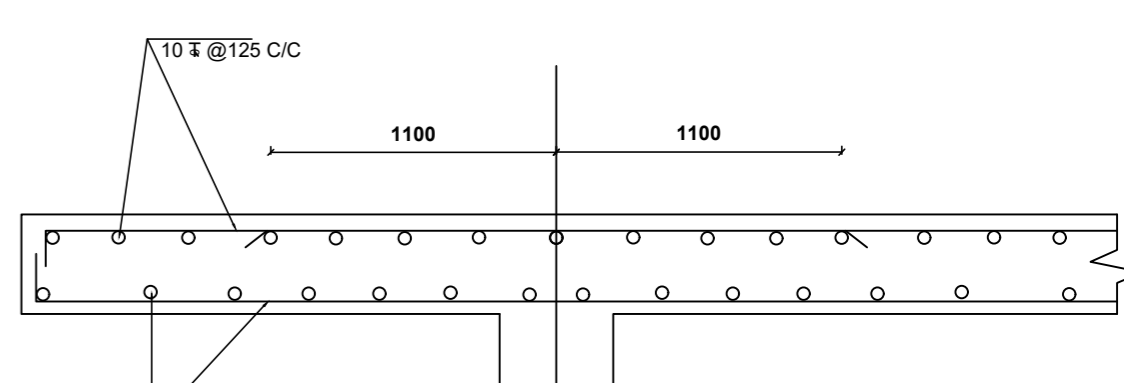
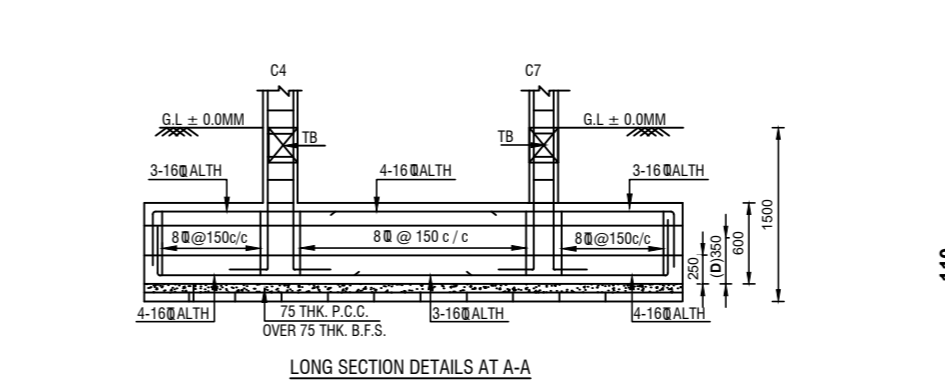
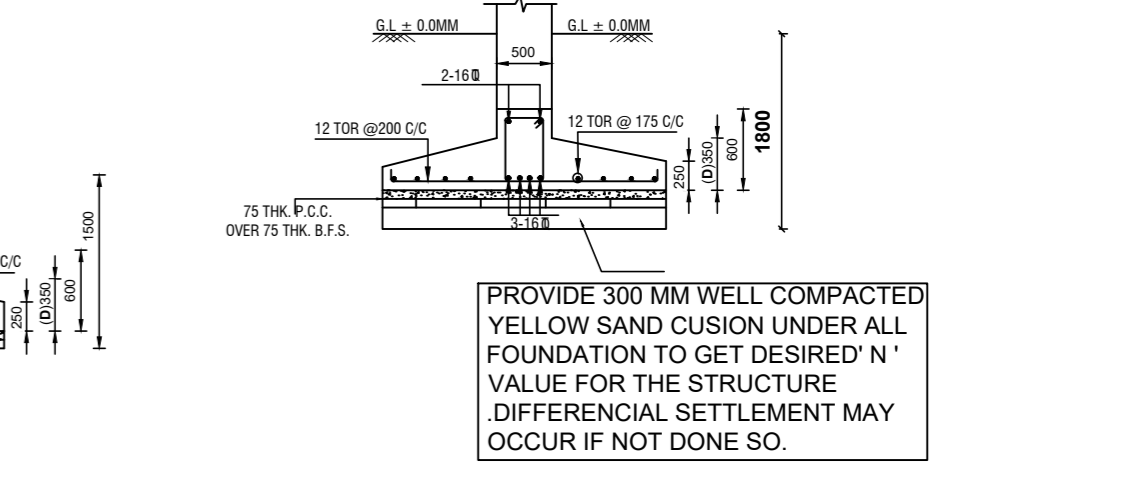
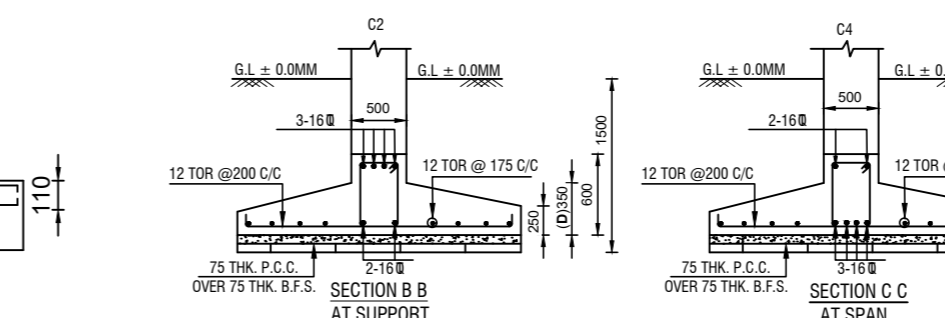
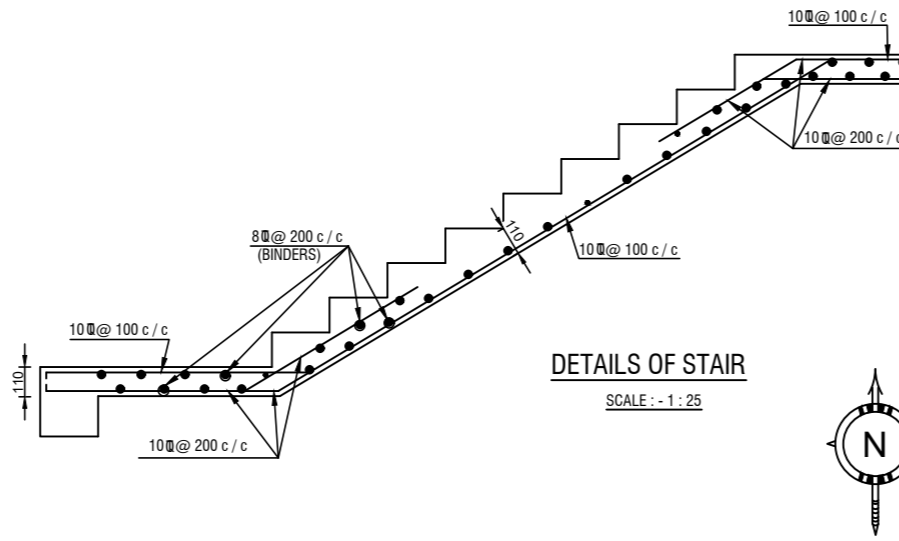
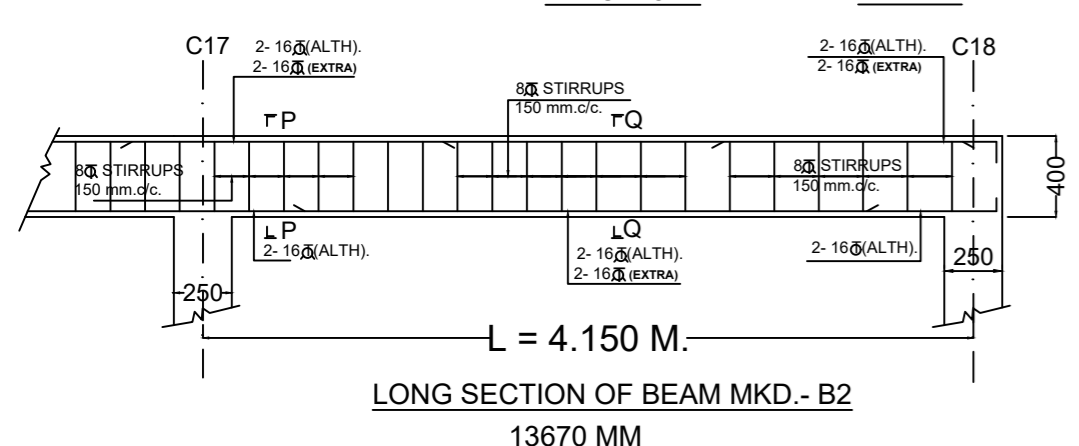
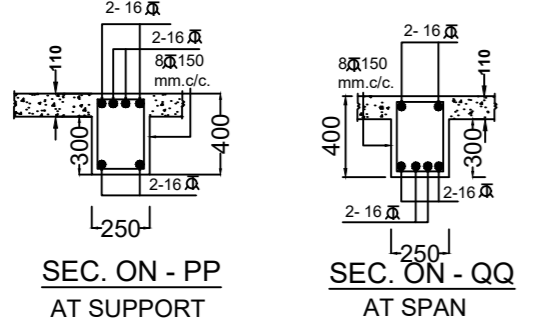
SCHEDULE OF TIE-BEAMS					
BEAM SECTION	SIZE & REIN. AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REIN. AT SPAN	
	TOP	BOTTOM		TOP	BOTTOM
250 x 450 TB1	3-16 Φ 2-16 Φ	3-16 Φ	8 Φ 2L @ 150C/C	3-16 Φ	8 Φ 2L @ 150C/C
250 x 450 TB2	2-16 Φ 2-16 Φ	2-16 Φ	8 Φ 2L @ 150C/C	2-16 Φ	8 Φ 2L @ 150C/C

SCHEDULE OF R.C.C. SLAB					
SLAB MKD.	THK.	REINFORCEMENT ALONG SHORTER DIRECTION		REINFORCEMENT ALONG LONGER DIRECTION	
		AT MIDD.	AT END	AT MIDD.	AT END
S1	110 MM.	8 Φ @ 125 C/C (BOTTOM)	8 Φ @ 125 C/C (TOP)	8 Φ @ 125 C/C (BOTTOM)	8 Φ @ 125 C/C (TOP)
S2	110 MM.			10 Φ @ 125 C/C (TOP)	8 Φ @ 125 C/C (BOTTOM)
STAIR	110 MM.	8 Φ @ 200 C/C (BINDER)	8 Φ @ 200 C/C (BINDER)	10 Φ @ 100 C/C (BOTTOM)	10 Φ @ 200 C/C (BOTTOM)

SCHEDULE OF R.C.C. COLUMNS		
COLUMN MKD.	SIZE & REIN. FROM BASE TO 1ST FL.	STIRRUP
C1, C3, C4, C6, C7, C9	250 X 450 8-16 Φ 2-12 Φ	8 Φ @ 150 C/C
REST	250 X 450 4-20 Φ 4-16 Φ	8 Φ @ 150 C/C
C11, C14	250 X 400 4-20 Φ 4-16 Φ	8 Φ @ 125 C/C
C20	312 X 450 4-20 Φ 4-16 Φ	8 Φ @ 125 C/C

SCHEDULE OF COMBINED FOUNDATION									
FNDL. MKD.	UNDER COLUMN	SIZE OF FNDL.	SLAB DIMENSIONS			SLAB REINFORCEMENT		BEAM MKD.	BEAM SIZE
			(A) M	(B) M	(D) M	SHORTER DIRECTION	LONGER DIRECTION		
SF1	C1+C4 C2+C5 C3+C6	5350 X 2400	1.613	1.613	3.0	12 TOR @ 175 C/C	12 TOR @ 175 C/C	FB1	500X600
SF2	C20+C21 C23+C24	6400 X 3000	0.975	0.975	2.4	12 TOR @ 175 C/C	12 TOR @ 175 C/C	FB1	500X600
SF3	C7+C8+C9	11075 X 3000	1.5	1.5	2.5	12 TOR @ 175 C/C	12 TOR @ 175 C/C	FB1	500X600
SF4	C19+C22	8213 X 2400	1.375	1.375	3.5	12 TOR @ 150 C/C	12 TOR @ 175 C/C	FB1	500X600
COMBINED FOUNDATION	C10+C11+C12+C13+C14+C15	SIZE AS PER DWG. C10-C11+C18 SIZE AS PER DWG.			350	DOUBLE REINFORCEMENT TOP - 12 TOR @ 150 C/C & W BOT. - 12 TOR @ 150 C/C & W		FB1	500X600

SCHEDULE OF INVERTED RIB BEAM						
BEAM MKD.	BEAM SIZE	SIZE & REIN. AT SUPPORT		STIRRUP AT SUPPORT	SIZE & REIN. AT SPAN	
		TOP	BOTTOM		TOP	BOTTOM
FB1	500X600	5-16 Φ	4-16 Φ	8 TOR @ 150 C/C	4-16 Φ	5-16 Φ
FB1	500X600	5-16 Φ	4-16 Φ	8 TOR @ 150 C/C	4-16 Φ	5-16 Φ
FB1	500X600	5-16 Φ	4-16 Φ	8 TOR @ 150 C/C	4-16 Φ	5-16 Φ
FB1	500X600	5-16 Φ	4-16 Φ	8 TOR @ 125 C/C	4-16 Φ	5-16 Φ
FB1	500X600	4-16 Φ	6-16 Φ	8 TOR @ 125 C/C	6-16 Φ	4-16 Φ



DECL. OF GEOTECHNICAL ENGINEER

THE UNDERSIGNED HAS INVESTIGATED 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 THE GEOTECHNICAL POINT OF VIEW.

Animesh Maiti
ANIMESH MAITI
(M.C. Soil Mechanics & Foundation Engineering)
Chartered Engineer,
KMC Empowered Geotechnical Engineer, No-14/1

ANIMESH MAITI
G.T./14/1
NAME OF GEOTECHNICAL ENGINEER

DECL. OF L.B.S.

I DO HEREBY CERTIFY WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULES 2008 AS AMENDED FROM TIME TO TIME AND THAT THE SITE CONDITION INCLUDING WIDTH OF RAJA RAMMOHAN ROY ROAD MAINTENANCE BY K.M.C. CONFORM WITH THE PLAN WHICH HAS BEEN MEASURED AND VERIFIED BY ME. IT IS A BUILDABLE SITE NOT AT TANK OR FILLED UP A TANK. THE LAND IS DEMARCATED WITH BOUNDED BY BOUNDARY WALL. THE CONSTRUCTION OF SEMI U/G WATER TANK AND SEPTIC TANK WILL BE COMPLETED BEFORE STARTING OF BUILDING FOUNDATION WORK.

Partha Chatterjee
Partha Chatterjee
(Civil Engineer)
L.B.S. No-1676 (1) K.M.C.

PARTHA CHATTERJEE, L.B.S. NO.-1676(1)
NAME OF L.B.S.

DECL. OF E.S.E.

THE STRUCTURAL DESIGN CALCULATION AND DRAWING OF BOTH FOUNDATION AND SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC LOADS AS PER THE N.B.C. OF INDIA (LATEST REVISION) AND CERTIFIED THAT IT IS SAFE AND STABLE IN ALL RESPECT.

Gourab Chowdhury
Gourab Chowdhury
(E.S.E.)
Kolkata Municipal Corporation

GOURAB CHOWDHURY, E.S.E. NO.- 632/1
NAME OF E.S.E.

DECL. OF C.A.

I/WE, DO HEREBY DECLARE WITH FULL RESPONSIBILITY THAT I/WE, SHALL ENGAGE L.B.S. AND 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, IF ANY SUBMITTED DOCUMENTS ARE FOUND TO BE FAKE, THE K.M.C. AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF U.G. WATER RESERVOIR AND SEPTIC TANK WILL BE UNDERTAKEN UNDER THE GUIDANCE OF L.B.S. & E.S.E. BEFORE STARTING OF BUILDING FOUNDATION WORK. THE PLOT HAS BEEN IDENTIFIED BY ME, IF ANY DISPUTE ARISE REGARDING OWNERSHIP OF THE PLOT, K.M.C. AUTHORITY WILL NOT BE RESPONSIBLE AND WILL REVOKE SANCTION.

Pankaj Bera
Pankaj Bera
(Proprietor of M.S. P.D.C. Associates)
SRI NETAJI CHARAN ROY, SRI AMAL KISHORE ROY, SMT. SOHIA RAY & SMT. GARGI CHAKRABORTY

SRI PANKAJ BERA (PROPRIETOR OF M.S. P.D.C. ASSOCIATES)
CONSTITUTED ATTORNEY OF: (1) SRI NETAJI CHARAN ROY, (2) SRI AMAL KISHORE ROY, (3) SMT. SOHIA RAY & (4) SMT. GARGI CHAKRABORTY

NAME OF C.A.

PLAN OF A PROPOSED G+IV STORED RESIDENTIAL BUILDING U/S 393(A) OF K.M.C. ACT 1980 ALONG WITH OF K.M.C. BUILDING RULES 2008, AT PREMISES NO.- 933, RAJA RAMMOHAN ROY ROAD, WARD NO.-121, BOROUGH NO.- XIV, P.S.- BEHALA, DIST-SOUTH 24 PGS. KOLKATA-700008, UNDER K.M.C. (S.S.UNIT)

NAME OF OWNERS - SRI NETAJI CHARAN ROY, SRI AMAL KISHORE ROY, SMT. SOHIA RAY & SMT. GARGI CHAKRABORTY

SCALE - 1:100, 1:50, 1:600, 1:4000

M/S. SURVEYOR & PLANNER
ADD: 203C, M. G. ROAD, KOL - 700104
PHONE NO. - 9163800888