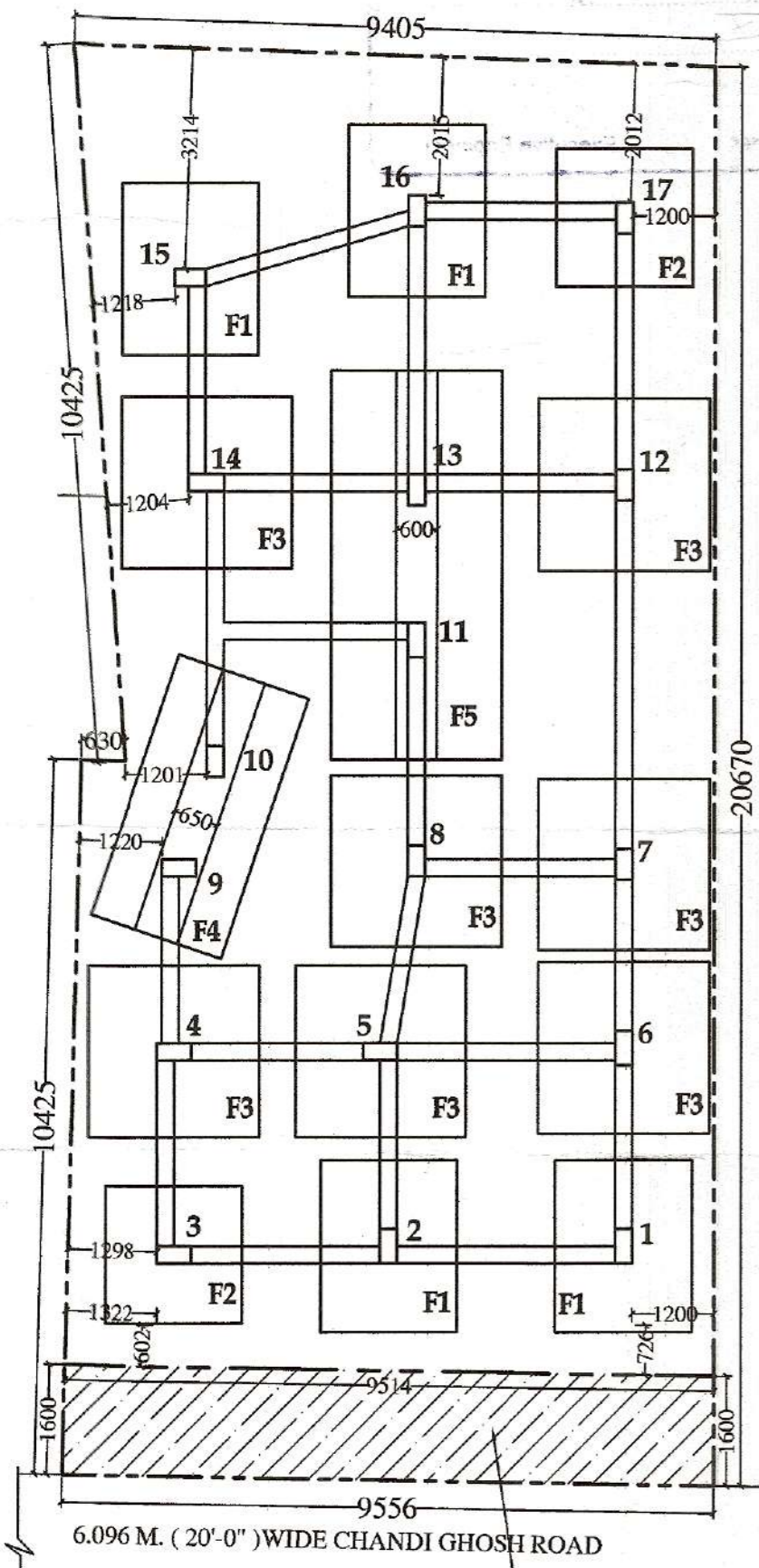


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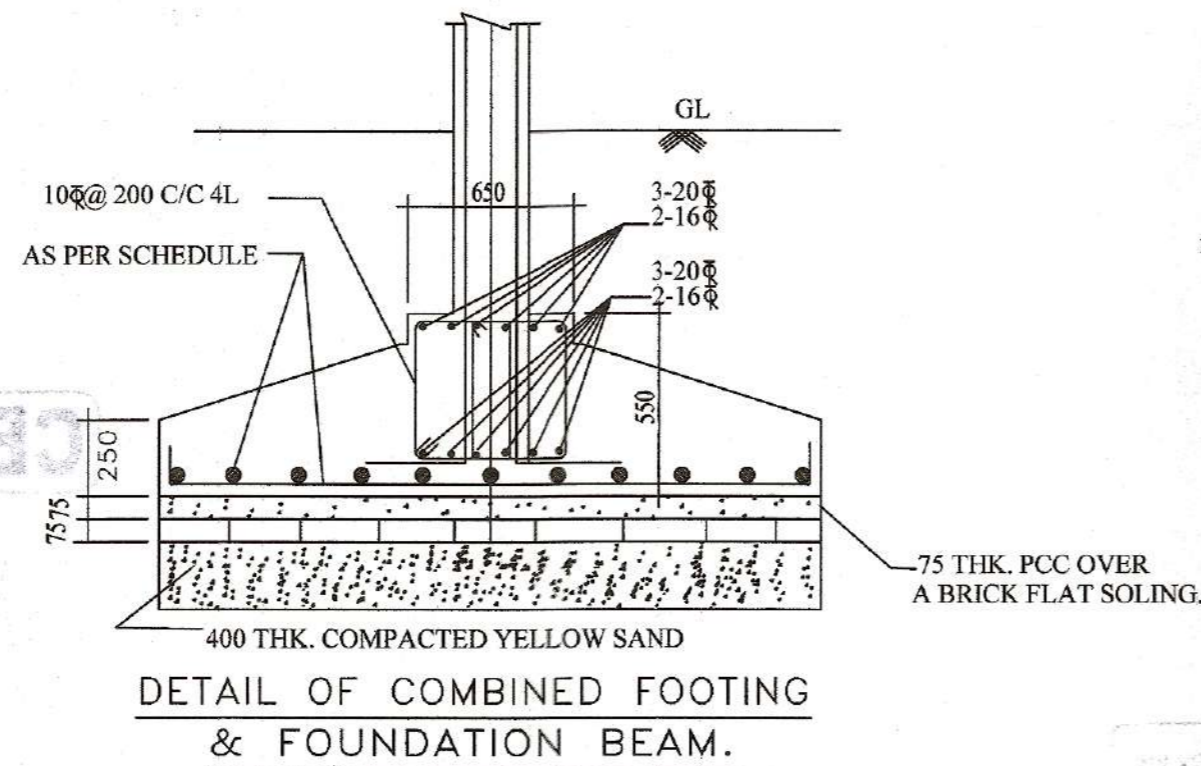
SCHEDULE OF FOUNDATION					
FOUNDATION MKD.	COLUMN MKD.	FOUNDATION SIZE & REINFORCEMENTS	(A)	(B)	(C)
F1	1,2,16,15	2000x2500 12 $\phi$ @150 C/C.B/W.	250	500	1000
F2	3, 17,	2000x2000 12 $\phi$ @150C/C.B/W.	250	500	1000
F3	4,6-7-8-5, 12,14,	2500 X 2500 12 $\phi$ @150C/C.B/W.	250	500	1000
F4	COMBINED (9,10)	2000 X 4000 12 $\phi$ @150C/C.B/W.	250	500	1000
F5	COMBINED (13,11)	2000 X 4000 12 $\phi$ @150C/C.B/W.	250	500	1000

SCHEDULE OF SLAB				
SLAB MKD.	SLAB THICKNESS	SHORT SPAN	LONG SPAN	EXTRA TOP
S1	115	8 $\phi$ @150 C/C	8 $\phi$ @150 C/C	8 $\phi$ @150 C/C
S2	115	8 $\phi$ @125 C/C	8 $\phi$ @125 C/C	8 $\phi$ @125 C/C
S3	120	10 $\phi$ @150 C/C	10 $\phi$ @150 C/C	10 $\phi$ @150 C/C

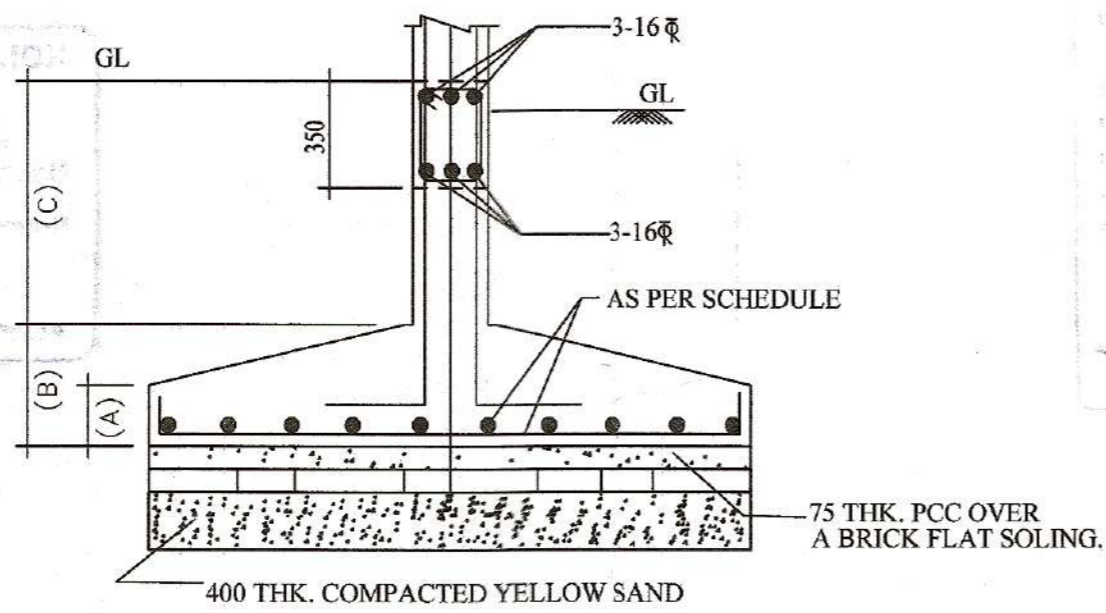


1600 MM WIDE HATCHED PORTION OF STRIP OF LAND RELINQUISHED FOR WIDENING OF ROAD. AREA OF STRIP = 15.255 SQM

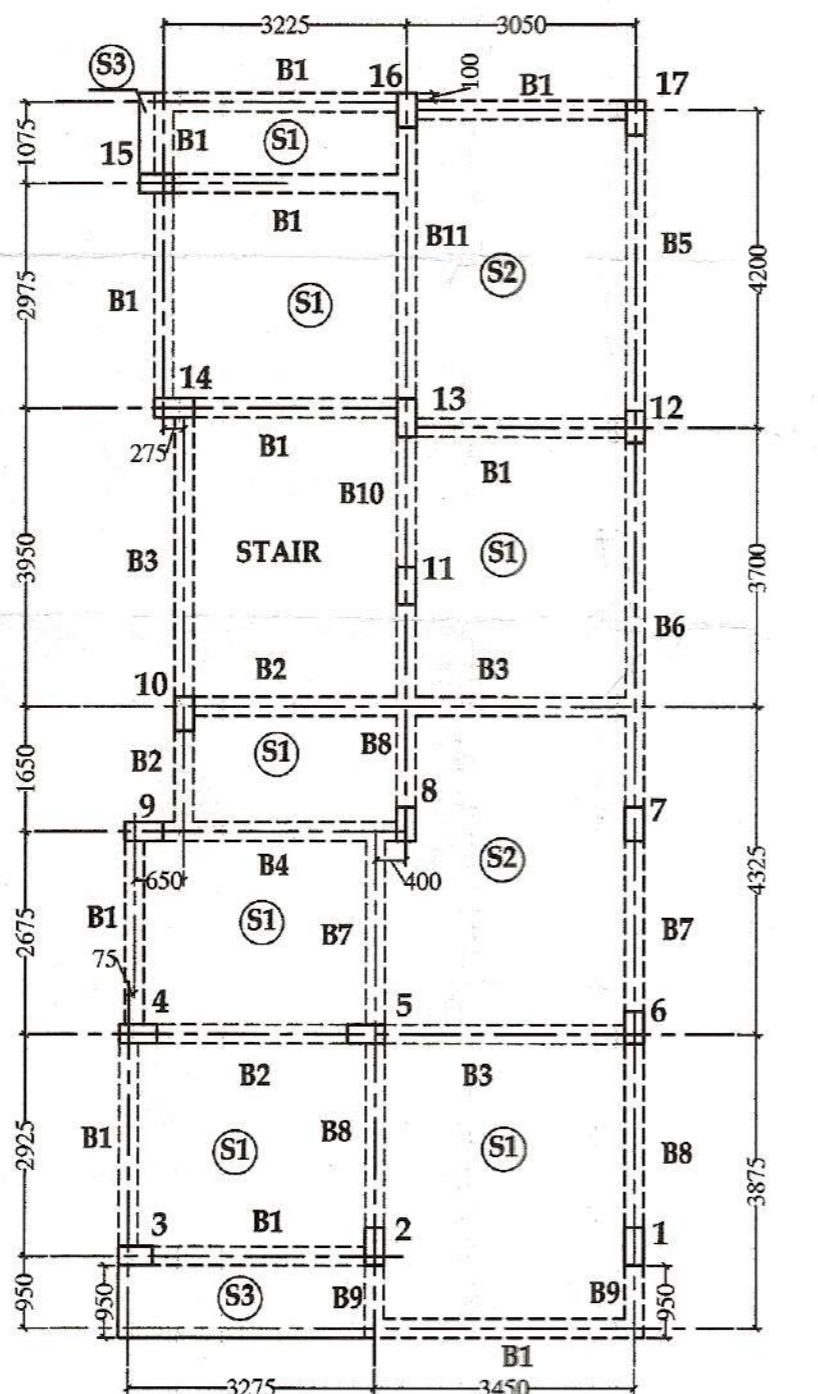
**FOUNDATION LAYOUT**



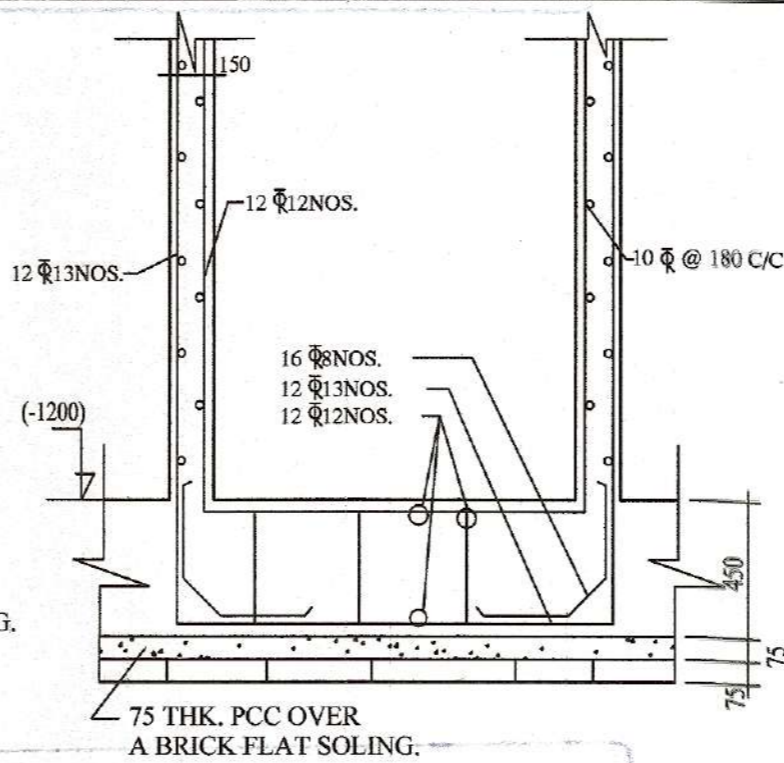
**DETAIL OF COMBINED FOOTING & FOUNDATION BEAM.**



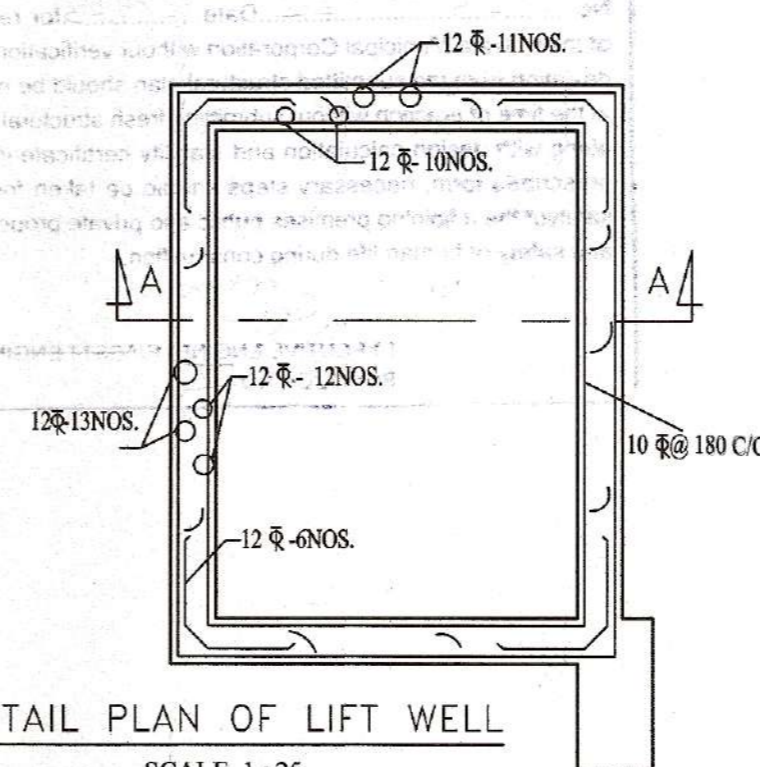
**DETAIL OF ISOLATED FOOTING & TIE BEAM.**



**SLAB, BEAM, COLUMN LAYOUT PLAN**



**SECTION A - A.**



**DETAIL PLAN OF LIFT WELL**  
SCALE 1:25

SCHEDULE OF BEAM						
BEAM MKD.	BEAM SIZE	REINFORCEMENTS				STIRRUPS
		SUPPORT		SPAN		
		TOP	BOTTOM	TOP	BOTTOM	
B1	250x450	2-12 $\phi$ 2-16 $\phi$	2-16 $\phi$	2-16 $\phi$	2-16 $\phi$ 2-16 $\phi$	8 $\phi$ @150 C/C.
B2	250x450	2-12 $\phi$ 2-16 $\phi$	2-16 $\phi$	2-16 $\phi$	2-12 $\phi$ 2-16 $\phi$	8 $\phi$ @150 C/C.
B3	250x450	2-16 $\phi$ 2-12 $\phi$	2-16 $\phi$	2-16 $\phi$	2-16 $\phi$ 2-16 $\phi$	8 $\phi$ @150 C/C.
B4,B6	250x500	2-20 $\phi$ 2-16 $\phi$	2-20 $\phi$ 2-16 $\phi$	2-20 $\phi$ 2-16 $\phi$	2-20 $\phi$ 2-16 $\phi$	8 $\phi$ @150 C/C.
B5	250x500	2-16 $\phi$ 2-16 $\phi$	2-16 $\phi$	2-16 $\phi$	2-16 $\phi$ 2-16 $\phi$	8 $\phi$ @150 C/C.
B7,B8	250x500	2-20 $\phi$	2-20 $\phi$	2-20 $\phi$	2-20 $\phi$	8 $\phi$ @150 C/C.
B9	250x500	4-20 $\phi$	4-20 $\phi$	4-20 $\phi$	4-20 $\phi$	8 $\phi$ @150 C/C.

SCHEDULE OF COLUMN			
COLUMN MKD.	COLUMN SIZE & REINFORCEMENTS (GR.FL. TO 2ND.FL.)	COLUMN SIZE & REINFORCEMENTS (2ND.FL. TO ROOF)	LINKS 4 LEGGED
1,2,15,	250x500 6-20 $\phi$ 2-16 $\phi$	250x350 8-16 $\phi$	8 $\phi$ @150 C/C
4, 6, 7, 9	250x500 8-16 $\phi$	250x450 6-16 $\phi$	8 $\phi$ @150 C/C
5,8,10 13,14,12	250x500 8-20 $\phi$	250x450 8-20 $\phi$	8 $\phi$ @150 C/C
3,17	250x450 8-16 $\phi$	250x400 6-16 $\phi$	8 $\phi$ @150 C/C

**SPECIFICATION**

- ALL DIMENSIONS ARE IN M.M. UNLESS OTHERWISE MENTIONED.
- FOR ALL EXTERNAL WALL CEMENT MORTAR WILL BE IN RATIO OF 1:6 & 1:4 FOR PARTITION WALLS.
- ALL EXTERNAL WALLS ARE 200 THK. & ALL PARTITION WALLS ARE 75 THK. & 125 THK.
- GRADE OF CONCRETE WILL BE - M20.
- GRADE OF STEEL WILL BE - Fe415.

**CERTIFICATE OF STRUCTURAL ENGINEER**

THE STRUCTURAL DESIGN & DRAWING OF BOTH FOUNDATION & SUPER STRUCTURE OF THE BUILDING HAS BEEN MADE BY ME CONSIDERING ALL POSSIBLE LOADS INCLUDING THE SEISMIC & WIND LOAD AS PER THE N.B.C. OF INDIA & CERTIFIED THAT IT IS SAFE & STABLE IN ALL RESPECTS AND SOIL INVESTIGATION WILL BE DONE BY RUPAK KR. BANERJEE, FOR M/S. EARTH FILE, 148/1/1A, PEARY MOHON ROAD, KOLKATA - 700 027.

*B. Chaudhury*  
**Babul Chaudhury**  
 E.E. (Civil), M.I.E., M.A.S.C.E. (Ind.), M.I. Struct. E. (Ind.), Valuer, M.I.S.E., Chartered Engineer, L.B.S. Class I & Empanelled Structural Engineer, Calcutta Municipal Corporation LBS-741(1) & ESE-1/103 132B, Meghnad Saha Sarani Kolkata - 700 028

*Rupak Kumar Banerjee*  
**RUPAK KUMAR BANERJEE**  
 B.C.E., M.E., MGS., M.I.E., G.T.N/S (K.M.C.), BM/GEO-TECH-1/002 910/RUP SONG, T/2014-15, GTER-HIDCO/09/00014 E.G.T.E. 7/1/14 (K.M.C.), 03/CL-VEGE/RM GEOWEST/DC/19/00002

SIGNATURE OF STRUCT. ENGINEER  
 BABUL CHAUDHURY, E.S.E. 1/103

SIGNATURE OF GEO. TECH. ENGINEER  
 RUPAK KR. BANERJEE, G.T. 1/3 (K.M.C.)

**CERTIFICATE OF L.B.S.**

I SRI BABUL CHAUDHURY, LBS NO.741(I), CERTIFIED ON THE PLAN IT SELF WITH FULL RESPONSIBILITY THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF K.M.C. BUILDING RULE 2009 AS AMENDED FROM TIME TO TIME & THAT THE SITE CONDITIONS INCLUDING THE WIDTH OF ABUTTING ROAD CONFIRM WITH THE PLAN & THAT IT IS A BUILDABLE SITE NOT A TANK OR FILLED UP TANK. THE PLOT IS BOUNDED BY BOUNDARY WALL & THE BOUNDARY MEASUREMENT AGREED WITH THE REG. BOUNDARY DECLARATION.

*B. Chaudhury*  
**Babul Chaudhury**  
 E.E. (Civil), M.I.E., M.A.S.C.E. (Ind.), M.I. Struct. E. (Ind.), Valuer, M.I.S.E., Chartered Engineer, L.B.S. Class I & Empanelled Structural Engineer, Calcutta Municipal Corporation LBS-741(1) & ESE-1/103 132B, Meghnad Saha Sarani Kolkata - 700 028

SIGNATURE OF L.B.S.  
 BABUL CHAUDHURY, LBS NO.741(I)

**CERTIFICATE OF OWNER**

I DO HERE BY DECLARE WITH FULL RESPONSIBILITY THAT, I SHALL ENGAGE L.B.S & E.S.E DURING CONSTRUCTION. I SHALL FOLLOW THE INSTRUCTION OF L.B.S & E.S.E DURING CONSTRUCTION OF THE BUILDING (AS PER PLAN). K.M.C AUTHORITY WILL NOT BE RESPONSIBLE FOR STRUCTURAL STABILITY OF THE BUILDING & ADJOINING STRUCTURE IF ANY SUBMITTED DOCUMENT ARE FAKE. THE K.M.C AUTHORITY WILL REVOKE THE SANCTION PLAN. THE CONSTRUCTION OF S.U.G.W.R & SEPTIC TANK TAKEN UNDER THE GUIDANCE OF L.B.S/E.S.E BEFORE STARTING OF BUILDING FOUNDATION THE PLOT WAS IDENTIFIED BY ME DURING INSPECTION. THERE IS NO TENANT. THERE IS NO COURT CASE PENDING AGAINST THIS PREMISES.

*Suman Roy*  
*Suman Kumar Nath*

CONSTITUTED POWER OF ATTORNEY OF  
 SALIL KR. BHADRA  
 SAJAL KR. BHADRA  
 SMT. BHARATI DAS

SIGNATURE OF OWNER

**PROPOSED G+IV STORIED RESIDENTIAL BUILDING**  
**U/S- 393 OF K.M.C ACT 1980 & U/R-142 OF K.M.C BUILDING**  
**RULE 2009 AT PRE. NO.- 43/5A, CHANDI GHOSH ROAD,**  
**WARD NO.- 97, BOROUGH - X, P.S. - REGENT PARK,**  
**KOLKATA-700 040.**

Drawn by Pampa Sinha	Planing by Rafique	Checked by B.Chaudhury	Approved by - date B.Chaudhury - 10.09.2023	Filename 43/5A, CH.GH.K. RD.	Date 15.09.2023	Scale 1:100,50,600,4000
Creant Consulting Engineers 132B, Meghnad Saha Sarani Kolkata 700 029.			STRUCTURAL PLAN 43/5A, CH.GH. ROAD Revision 0 Sheet 1			

**CERTIFIED COPY**

**CERTIFIED COPY**

RUPAK KUMAR BANERJEE  
B.C.E. M.E. MDS. M.I.E.  
@ TANK (K.M.C.), BANGS TECH-1002  
BANGS TECH-1002, 18 GROUND FLOOR  
E.B.T.E. 111, N.M.C. J. ROAD, KOLKATA  
GEOWSIC20190002

Structural plan and design calculation as submitted by the structural engineer have been kept with B.P. No. 2022 100022 Date 02/05/22 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.

*Sd/-*  
EXECUTIVE ENGINEER/ASST. ENGINEER  
BOROUGH NO. X

KOLKATA MUNICIPAL CORPORATION  
BUILDING DEPARTMENTS  
CERTIFIED COPY OF B.S. PLAN  
No. 2022 100022 Dt. 02/05/22  
Borough No. X

*d* Assistant Engineer  
*en* Executive Engineer



BUILDING DEPARTMENT  
Date 09.10.23  
Borough-X  
THE KOLKATA MUNICIPAL CORPORATION